

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056183.D
 Acq On : 10 Jun 2019 21:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 02:23:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	278685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	405751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	362756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162432	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	144618	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
35) Dibromofluoromethane	7.59	113	134550	54.05	ug/l	0.00
Spiked Amount			Recovery	=	108.10%	
50) Toluene-d8	10.09	98	492265	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	163758	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	146710	47.934	ug/l	99
3) Chloromethane	2.06	50	150730	49.895	ug/l	99
4) Vinyl Chloride	2.18	62	154390	50.949	ug/l	99
5) Bromomethane	2.52	94	79704	41.638	ug/l	99
6) Chloroethane	2.67	64	79413	45.199	ug/l	98
7) Trichlorofluoromethane	3.00	101	193712	50.074	ug/l	99
8) Diethyl Ether	3.40	74	78477	49.330	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	121596	51.744	ug/l	99
10) Methyl Iodide	3.93	142	174586	46.751	ug/l	100
11) Tert butyl alcohol	4.82	59	120843	250.953	ug/l	99
12) 1,1-Dichloroethene	3.72	96	119655	51.145	ug/l	96
13) Acrolein	3.60	56	49654	357.535	ug/l	100
14) Allyl chloride	4.31	41	191722	51.898	ug/l	99
15) Acrylonitrile	4.99	53	345428	294.684	ug/l	100
16) Acetone	3.82	43	294358	222.422	ug/l	98
17) Carbon Disulfide	4.03	76	266034	47.492	ug/l	100
18) Methyl Acetate	4.33	43	157548	60.729	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	390758	52.399	ug/l	98
20) Methylene Chloride	4.54	84	141269	51.812	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	127337	50.799	ug/l	99
22) Diisopropyl ether	5.95	45	408074	53.437	ug/l	100
23) Vinyl Acetate	5.90	43	1652395	274.769	ug/l	100
24) 1,1-Dichloroethane	5.84	63	233233	52.947	ug/l	100
25) 2-Butanone	6.84	43	460047	275.131	ug/l	99
26) 2,2-Dichloropropane	6.82	77	146262	42.551	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	153276	52.019	ug/l	96
28) Bromochloromethane	7.19	49	113525	54.497	ug/l	100
29) Tetrahydrofuran	7.22	42	300300	290.540	ug/l	100
30) Chloroform	7.37	83	238886	53.909	ug/l	99
31) Cyclohexane	7.65	56	205228	46.740	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	196398	53.074	ug/l	100
36) 1,1-Dichloropropene	7.79	75	173528	49.737	ug/l	99
37) Ethyl Acetate	6.93	43	177080	57.044	ug/l	99
38) Carbon Tetrachloride	7.77	117	168728	52.456	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	208828	48.049	ug/l	98
40) Benzene	8.04	78	548904	51.800	ug/l	100
41) Methacrylonitrile	7.18	41	85621	59.948	ug/l	95
42) 1,2-Dichloroethane	8.12	62	174819	51.288	ug/l	100
43) Isopropyl Acetate	8.17	43	275343	54.736	ug/l #	91
44) Trichloroethene	8.83	130	151949	49.903	ug/l	100
45) 1,2-Dichloropropane	9.12	63	144906	53.388	ug/l	99
46) Dibromomethane	9.21	93	95653	53.892	ug/l	99
47) Bromodichloromethane	9.40	83	182093	56.606	ug/l	100
48) Methyl methacrylate	9.20	41	139082	56.515	ug/l	97
49) 1,4-Dioxane	9.20	88	59192	1114.096	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	875173	278.209	ug/l	99
52) Toluene	10.16	92	341037	51.721	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	180822	48.043	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	211393	54.670	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	142026	54.376	ug/l	97
56) Ethyl methacrylate	10.43	69	209867	55.076	ug/l	98
57) 1,3-Dichloropropane	10.71	76	231741	54.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	363801	241.347	ug/l	100
59) 2-Hexanone	10.75	43	607326	266.375	ug/l	99
60) Dibromochloromethane	10.90	129	149313	51.742	ug/l	99
61) 1,2-Dibromoethane	11.01	107	147136	55.104	ug/l	99
64) Tetrachloroethene	10.63	164	157374	50.118	ug/l	99
65) Chlorobenzene	11.43	112	368893	51.096	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	140727	56.453	ug/l	99
67) Ethyl Benzene	11.51	91	644771	51.361	ug/l	100
68) m/p-Xylenes	11.62	106	487817	101.721	ug/l	99
69) o-Xylene	11.95	106	239631	50.799	ug/l	99
70) Styrene	11.96	104	402838	53.747	ug/l	99
71) Bromoform	12.13	173	109254	52.082	ug/l #	98
73) Isopropylbenzene	12.25	105	633836	54.985	ug/l	99
74) N-amyl acetate	12.07	43	222194	51.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	192228	50.979	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	219788	73.537	ug/l #	100
77) Bromobenzene	12.53	156	171002	49.172	ug/l	97
78) n-propylbenzene	12.59	91	680719	49.537	ug/l	100
79) 2-Chlorotoluene	12.67	91	410008	53.977	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	517768	47.409	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	46401	51.701	ug/l	91
82) 4-Chlorotoluene	12.77	91	398118	49.520	ug/l	100
83) tert-Butylbenzene	12.99	119	458600	54.358	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	509120	49.159	ug/l	99
85) sec-Butylbenzene	13.17	105	589741	48.461	ug/l	100
86) p-Isopropyltoluene	13.29	119	531935	48.840	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	276127	51.302	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	265046	51.191	ug/l	99
89) n-Butylbenzene	13.61	91	396492	49.143	ug/l	100
90) Hexachloroethane	13.87	117	88625	53.957	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	276446	50.872	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31536	58.472	ug/l	95

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
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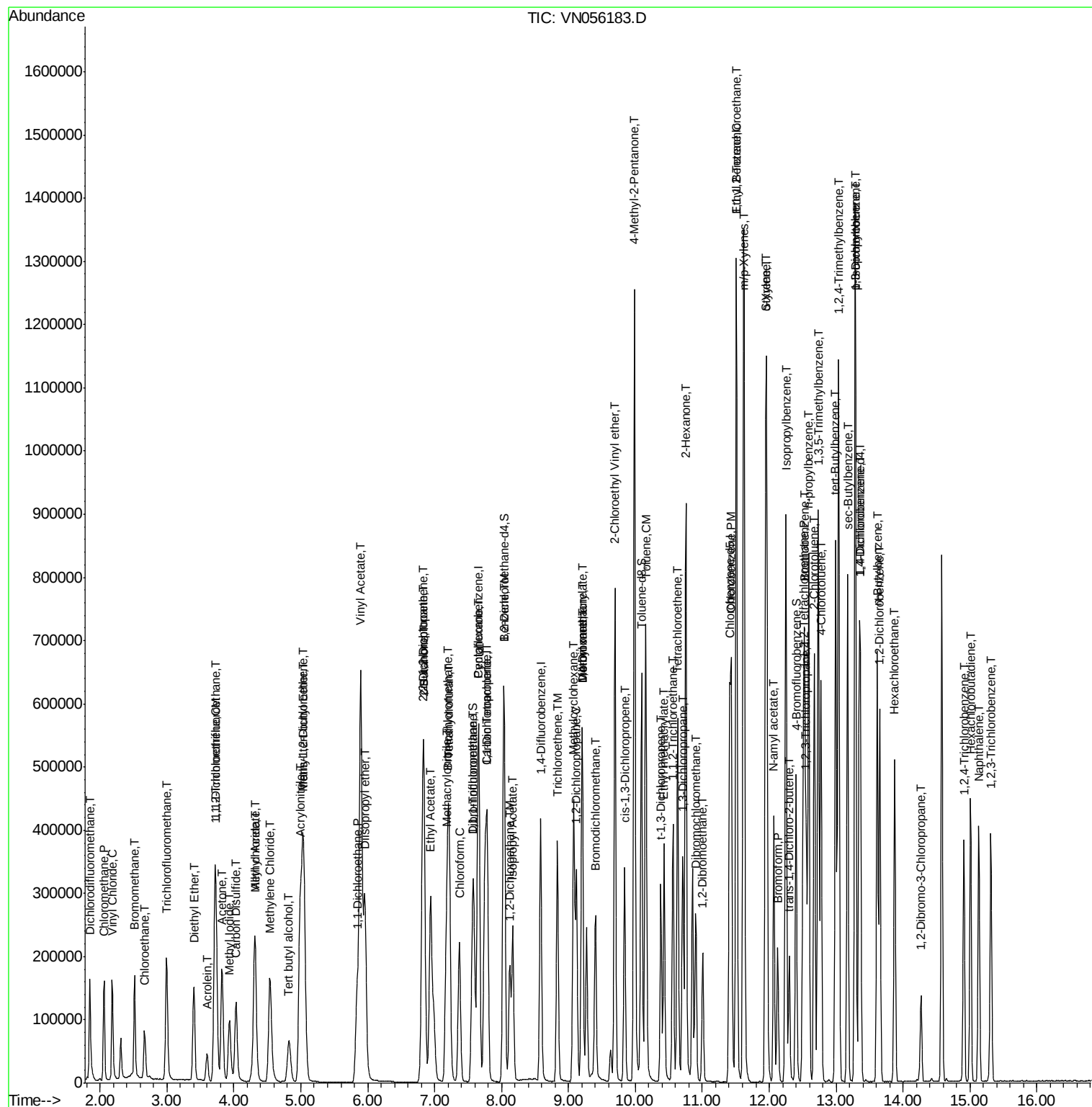
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	138049	46.433	ug/l	99
94) Hexachlorobutadiene	15.01	225	100486	54.085	ug/l	98
95) Naphthalene	15.13	128	376970	48.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	154760	50.668	ug/l	100

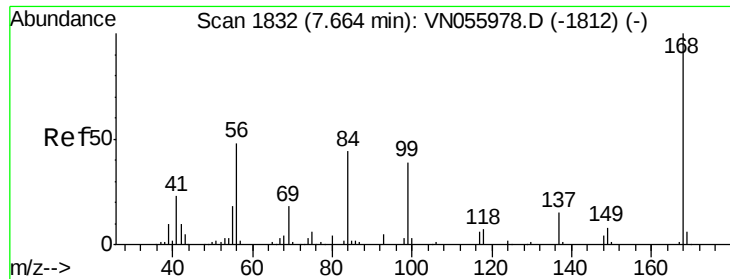
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

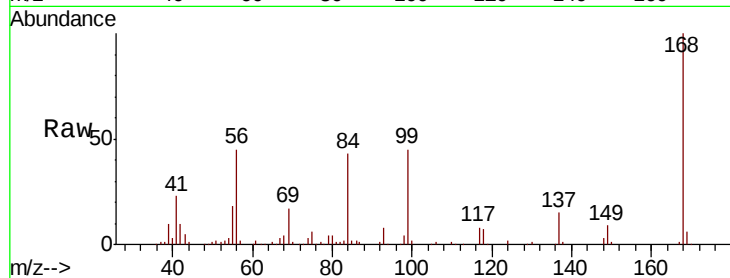
VSTDCCC050

Tot Ion:168 Resp: 278685

Ion Ratio Lower Upper

168 100

99 44.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

120000

100000

80000

60000

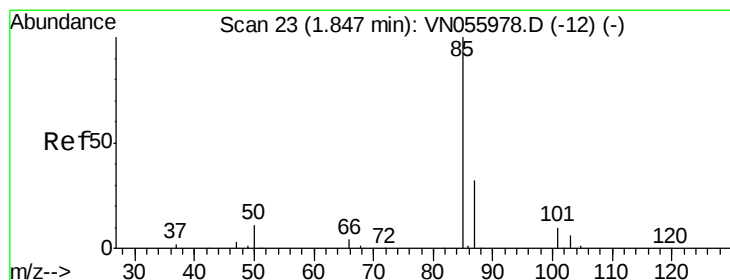
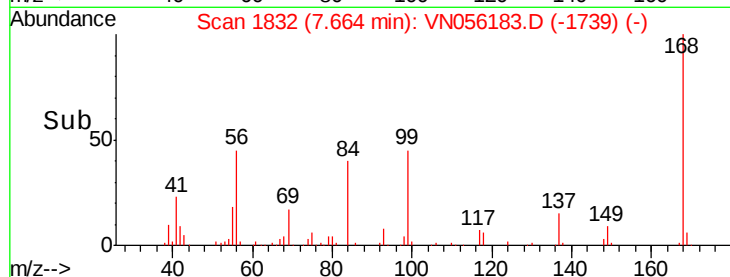
40000

20000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.934 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056183.D

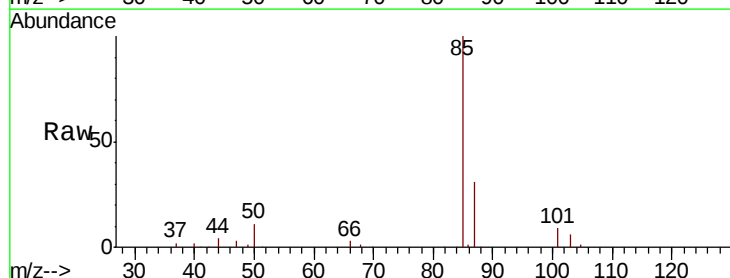
Acq: 10 Jun 2019 21:38

Tgt Ion: 85 Resp: 146710

Ion Ratio Lower Upper

85 100

87 31.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

60000

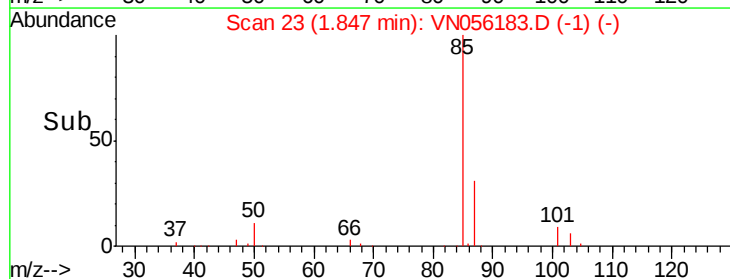
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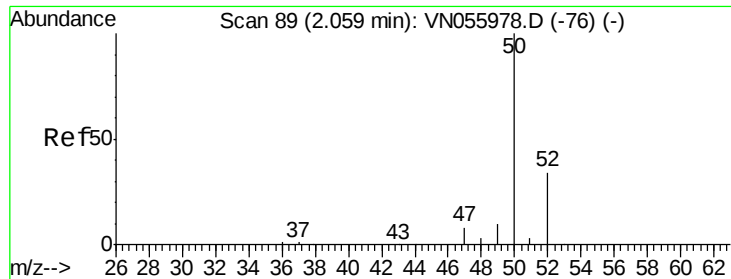
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.895 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

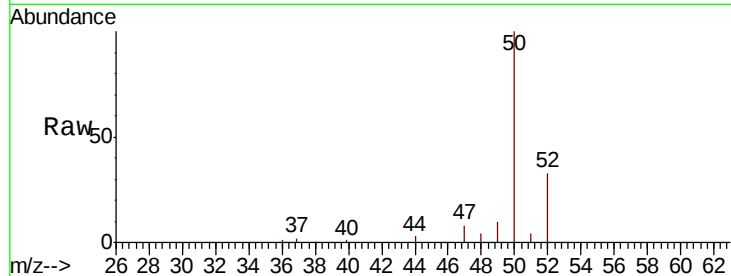
VSTDCCC050

Tot Ion: 50 Resp: 150730

Ion Ratio Lower Upper

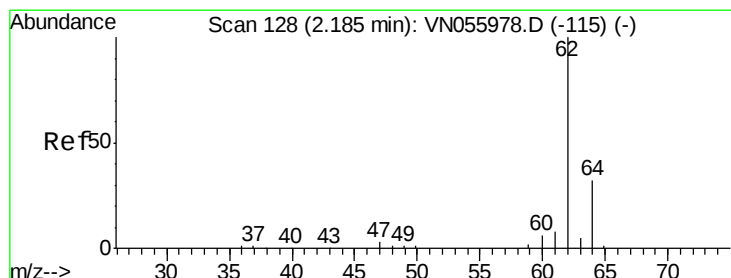
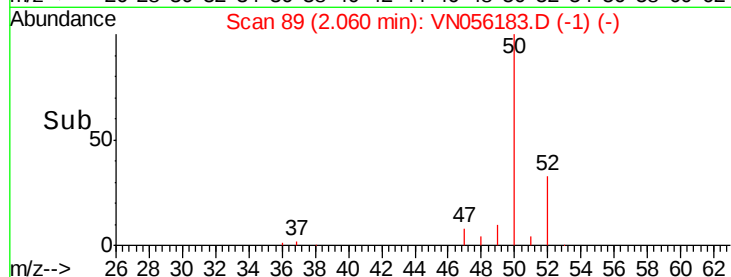
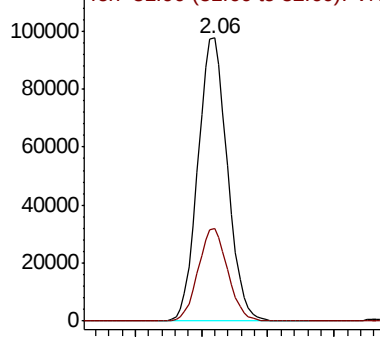
50 100

52 32.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 50.949 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056183.D

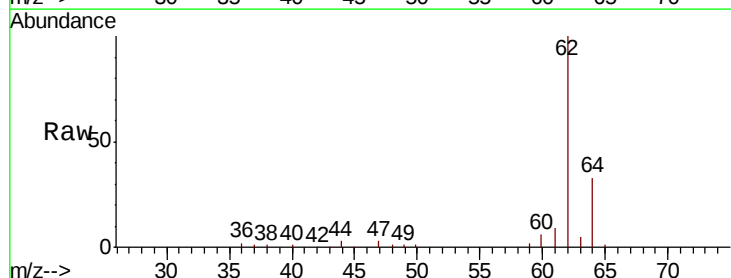
Acq: 10 Jun 2019 21:38

Tgt Ion: 62 Resp: 154390

Ion Ratio Lower Upper

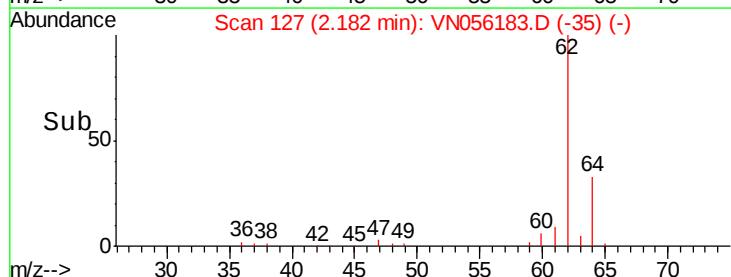
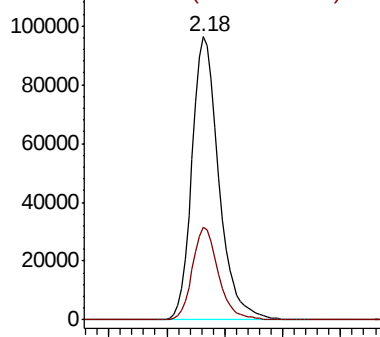
62 100

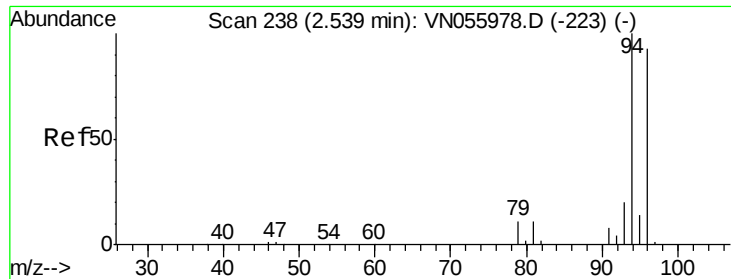
64 32.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

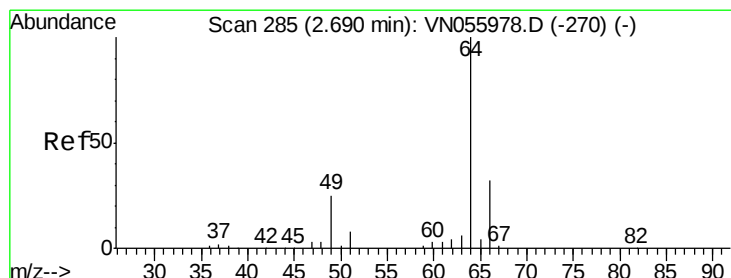
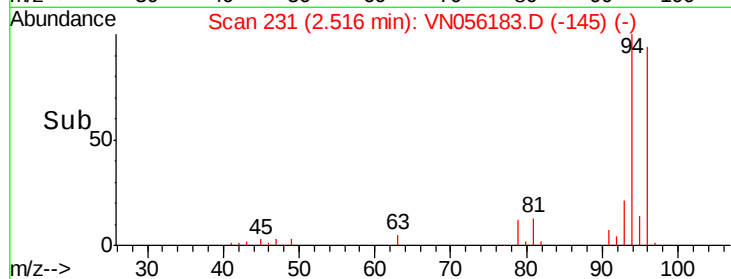
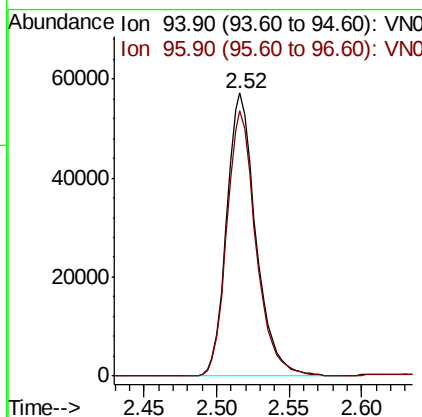
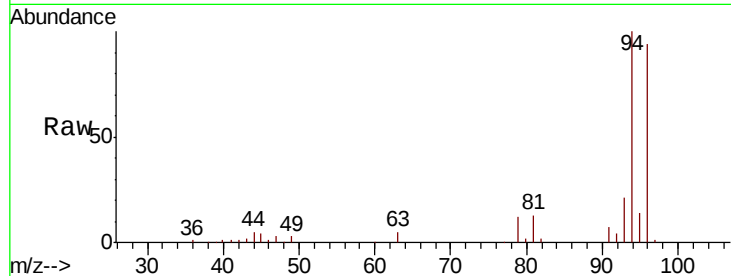




#5
Bromomethane
Concen: 41.638 ug/l
RT: 2.52 min Scan# 231
Delta R.T. -0.02 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

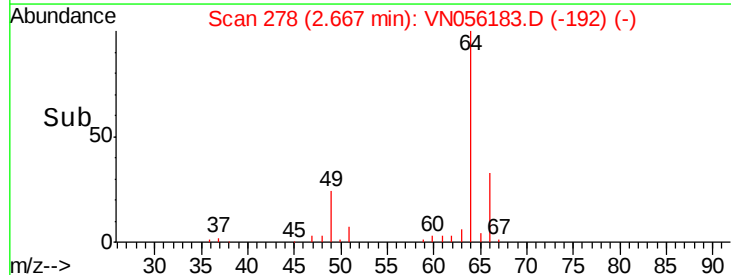
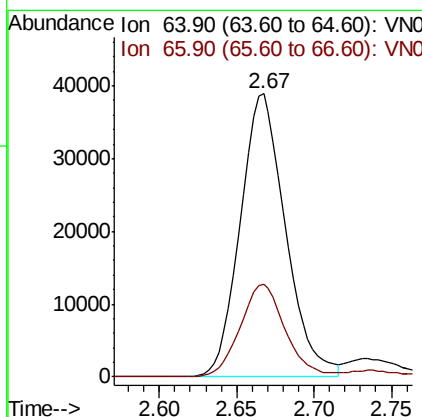
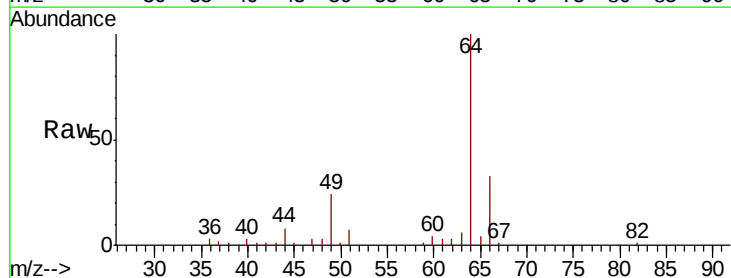
Instrument :
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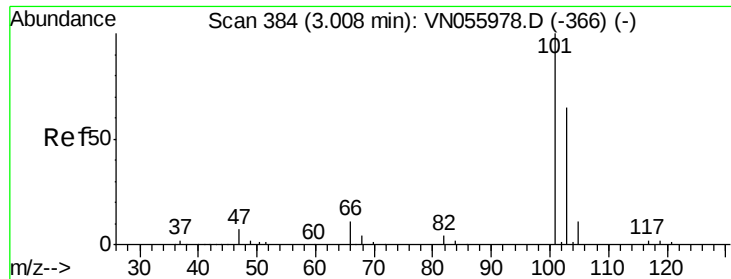
Tot Ion: 94 Resp: 79704
Ion Ratio Lower Upper
94 100
96 93.6 75.5 113.3



#6
Chloroethane
Concen: 45.199 ug/l
RT: 2.67 min Scan# 278
Delta R.T. -0.02 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 64 Resp: 79413
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0



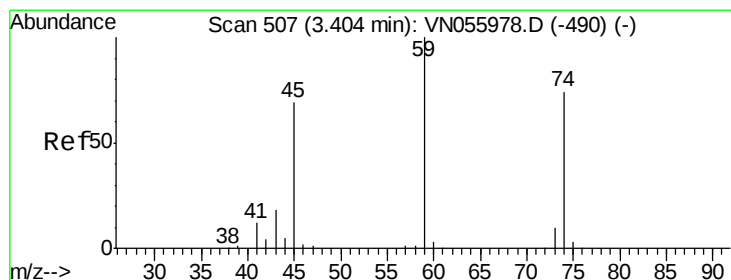
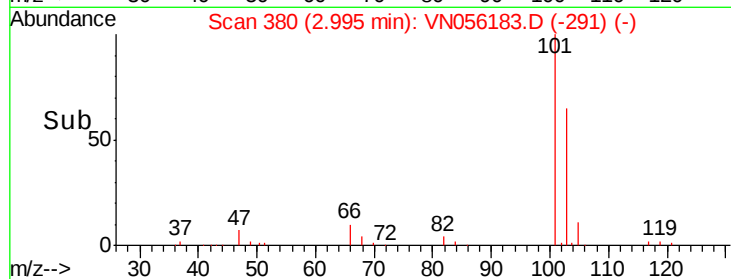
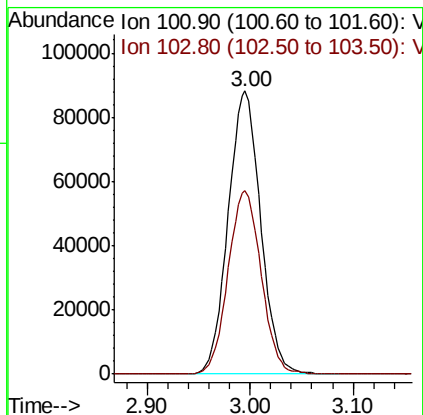
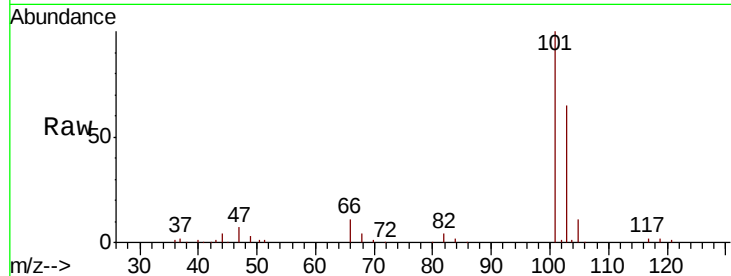


#7

Trichlorofluoromethane
 Concen: 50.074 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Instrument :
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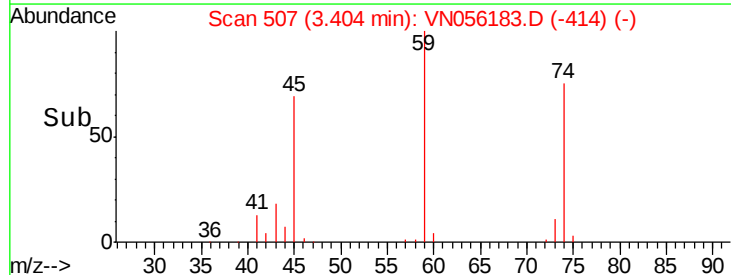
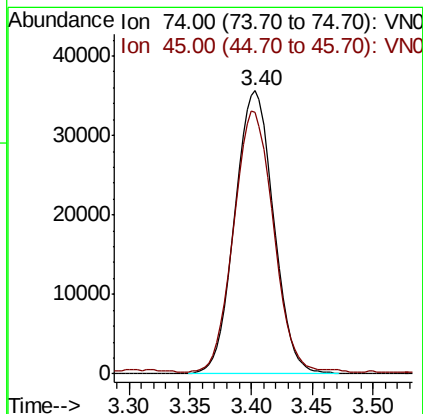
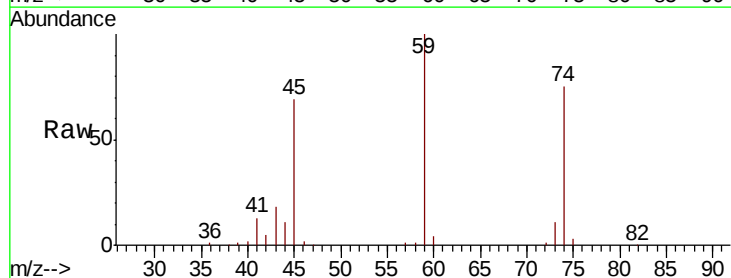
Tot Ion:101 Resp: 193712
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.2 76.8

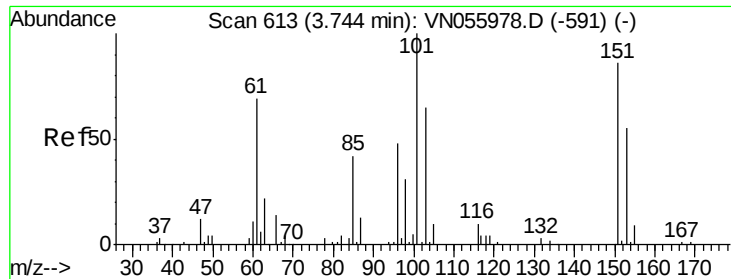


#8

Diethyl Ether
 Concen: 49.330 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Tgt Ion: 74 Resp: 78477
 Ion Ratio Lower Upper
 74 100
 45 94.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.744 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN056183.D

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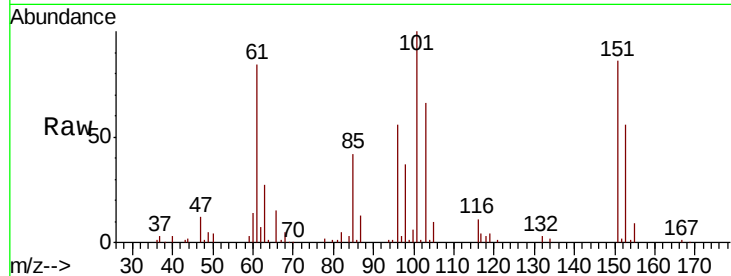
Tot Ion:101 Resp: 121596

Ion Ratio Lower Upper

101 100

85 41.7 33.4 50.2

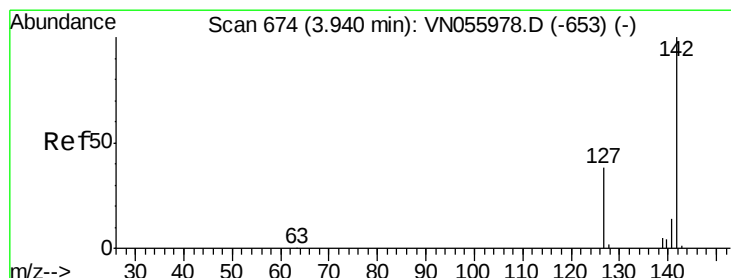
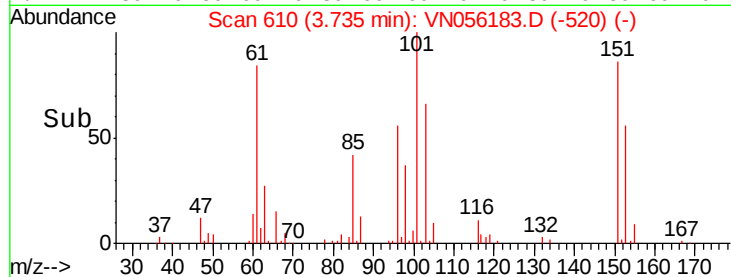
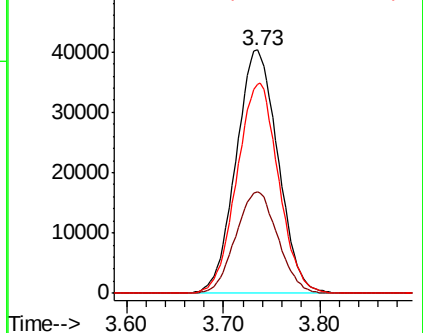
151 85.6 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.751 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

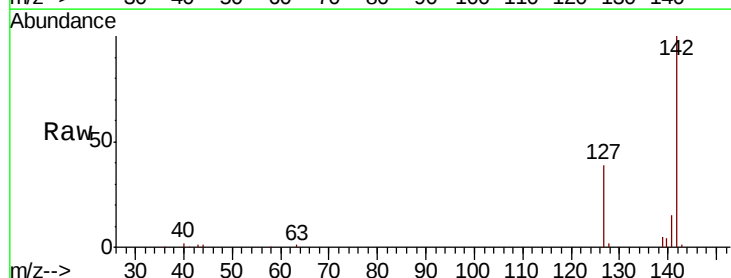
Tgt Ion:142 Resp: 174586

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

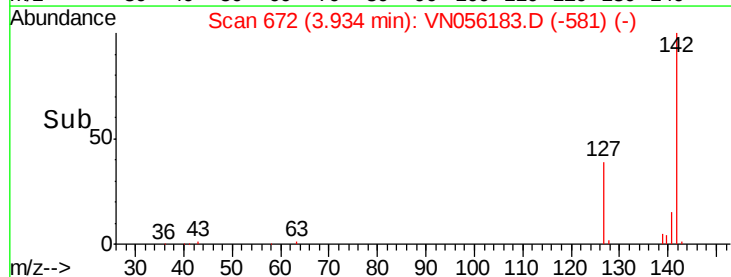
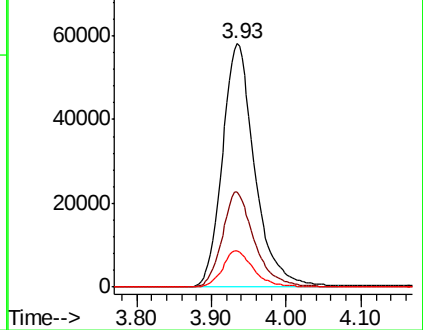
141 14.3 11.4 17.0

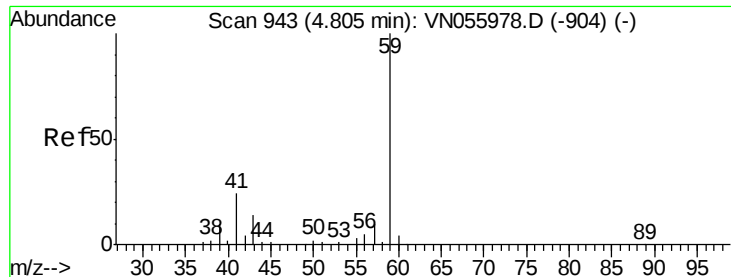


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



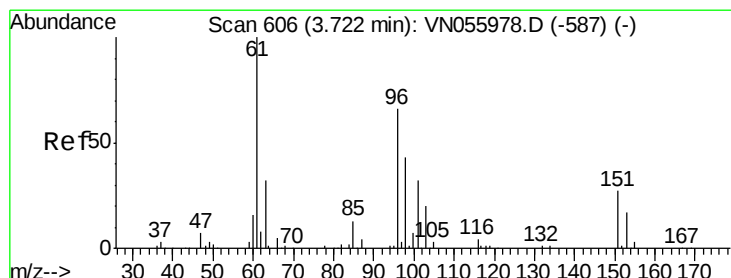
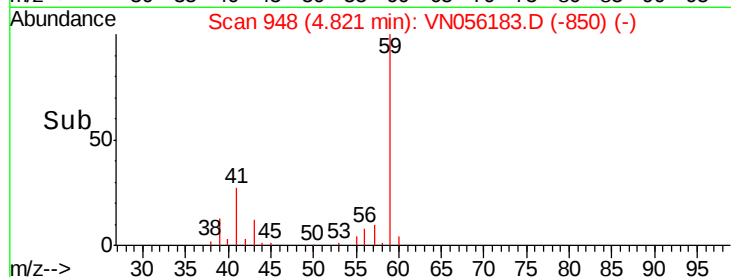
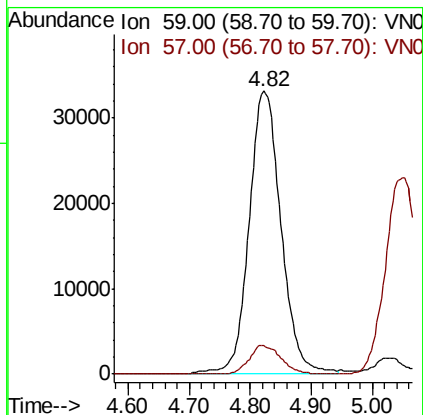
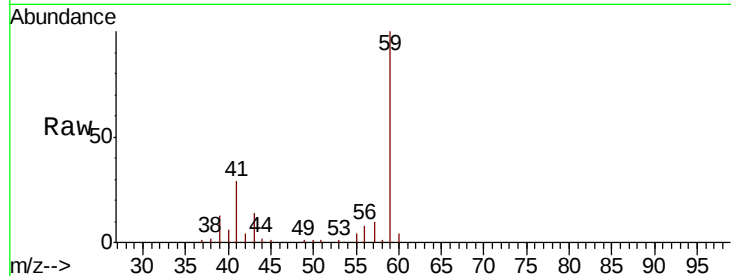


#11

Tert butyl alcohol
Concen: 250.953 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.02 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

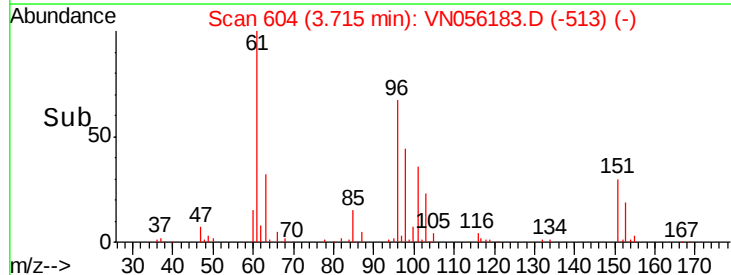
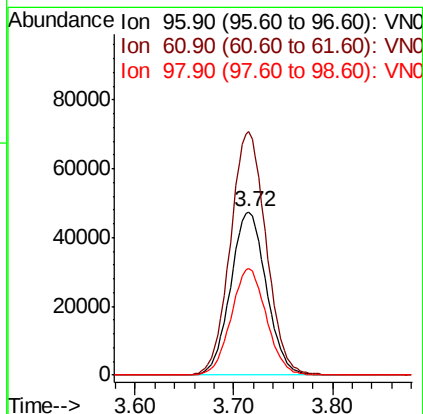
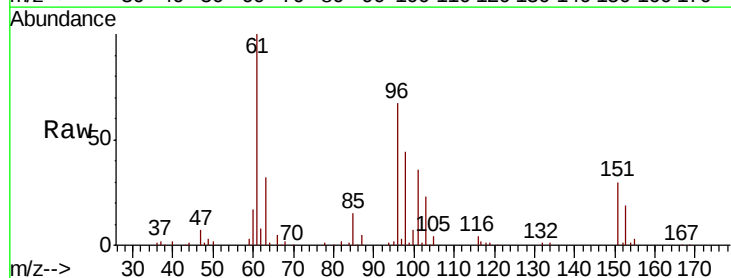
Tot Ion: 59 Resp: 120843
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6

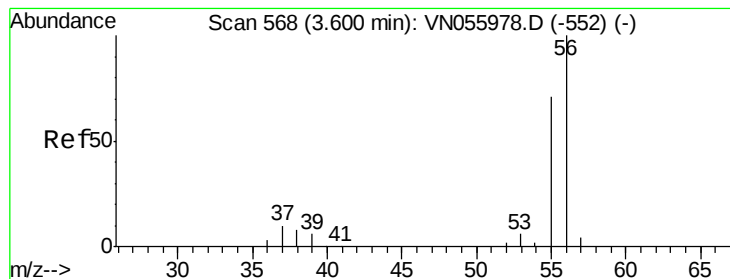


#12

1,1-Dichloroethene
Concen: 51.145 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.01 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 96 Resp: 119655
Ion Ratio Lower Upper
96 100
61 148.8 123.2 184.8
98 65.0 50.4 75.6





#13

Acrolein

Concen: 357.535 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

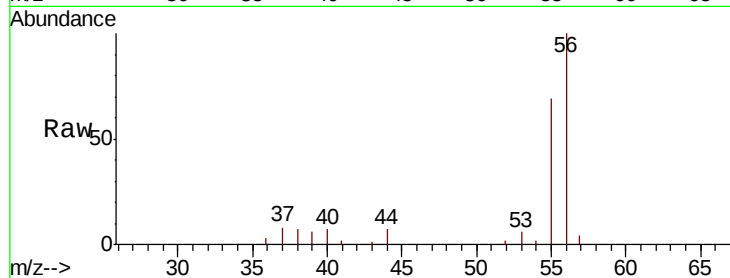
VSTDCCC050

Tot Ion: 56 Resp: 49654

Ion Ratio Lower Upper

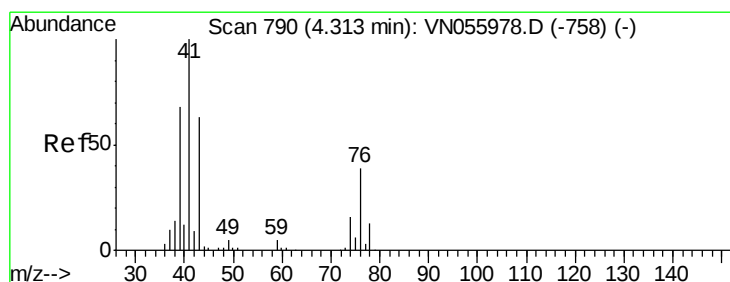
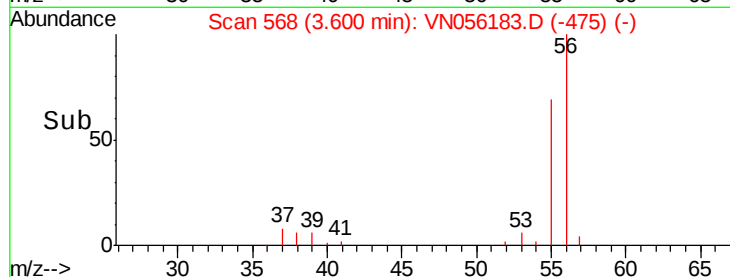
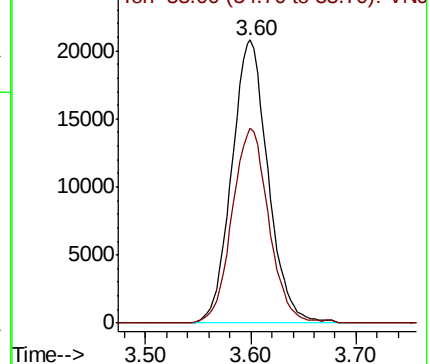
56 100

55 69.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.898 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

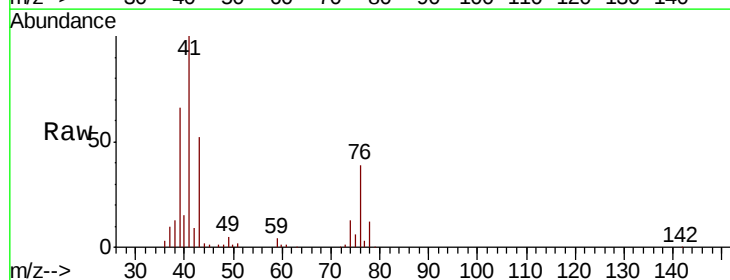
Tgt Ion: 41 Resp: 191722

Ion Ratio Lower Upper

41 100

39 61.5 50.0 75.0

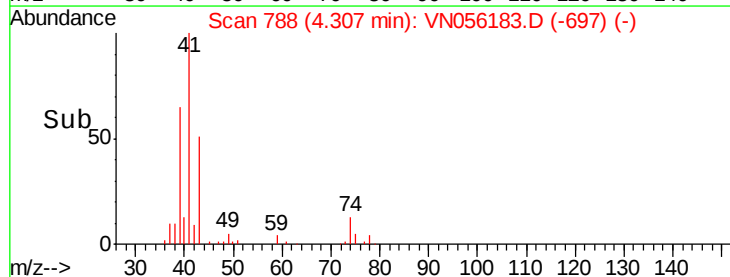
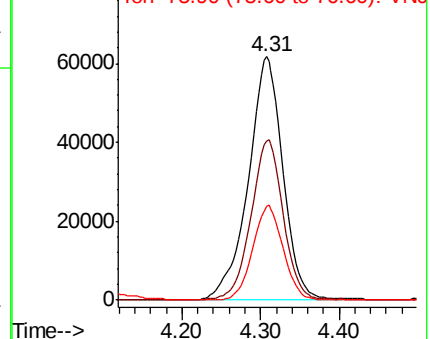
76 34.3 28.2 42.2

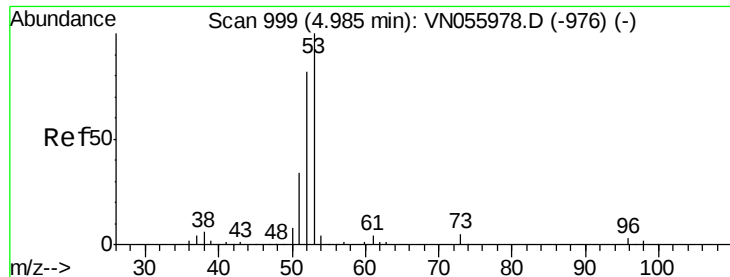


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 294.684 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

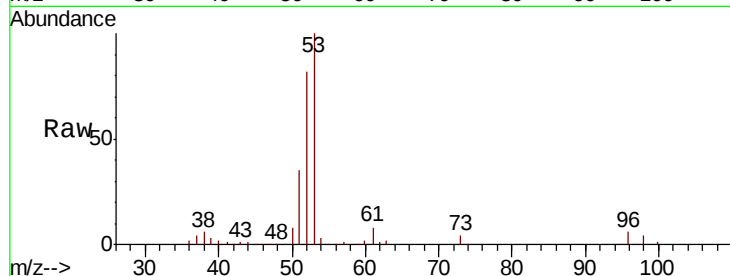
Tot Ion: 53 Resp: 345428

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.8

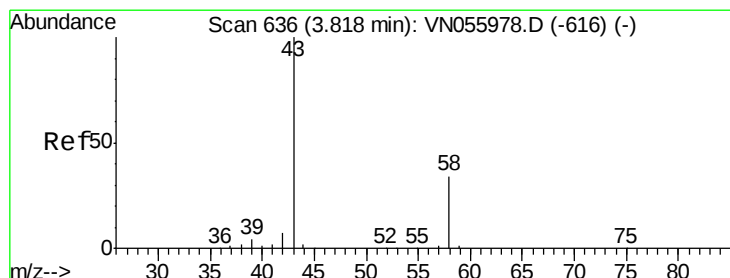
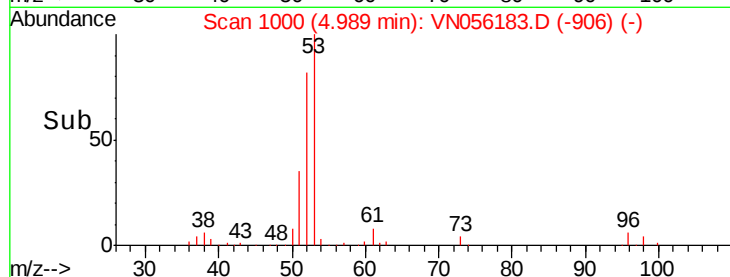
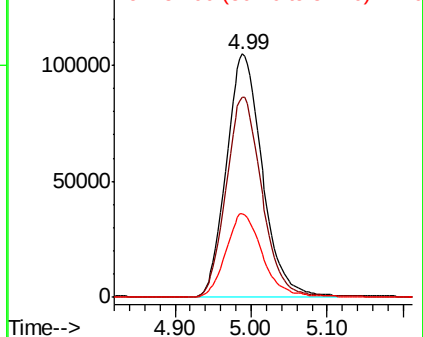
51 35.1 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 222.422 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056183.D

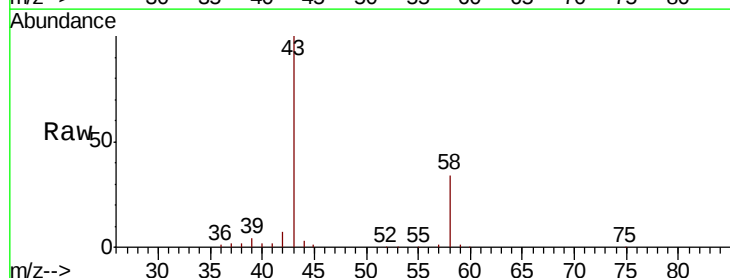
Acq: 10 Jun 2019 21:38

Tgt Ion: 43 Resp: 294358

Ion Ratio Lower Upper

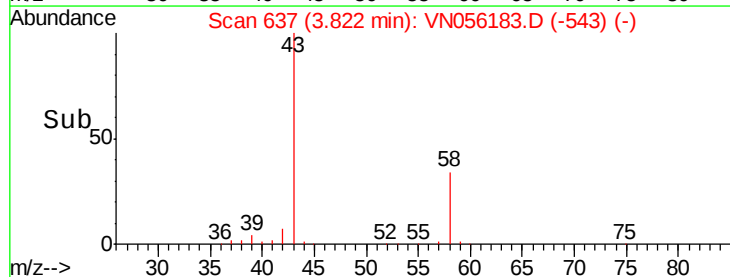
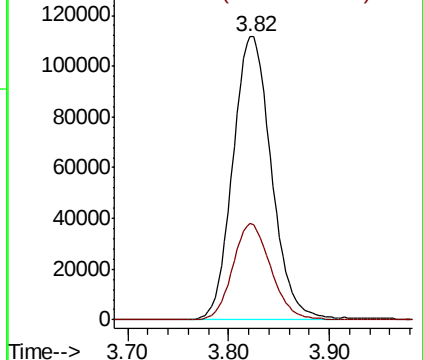
43 100

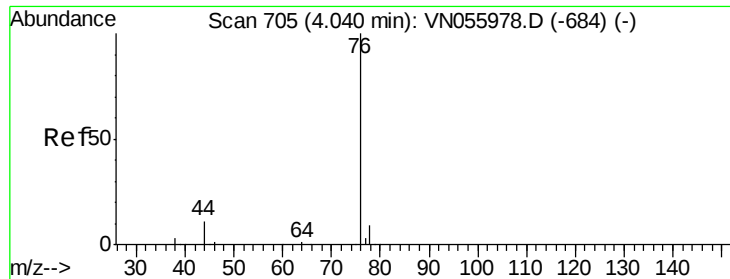
58 34.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

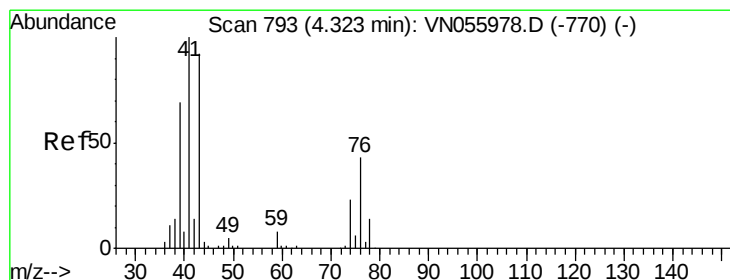
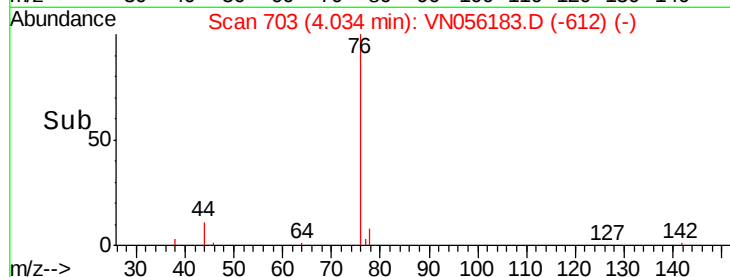
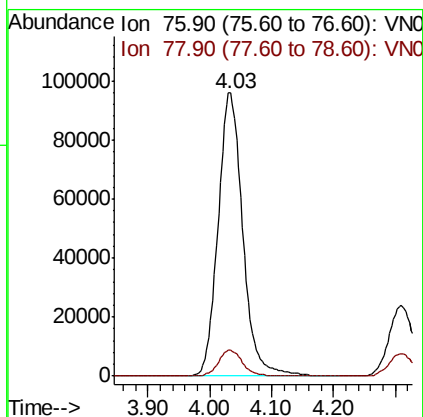
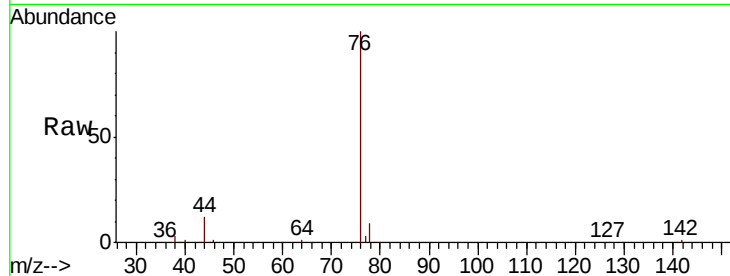




#17
Carbon Disulfide
Concen: 47.492 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

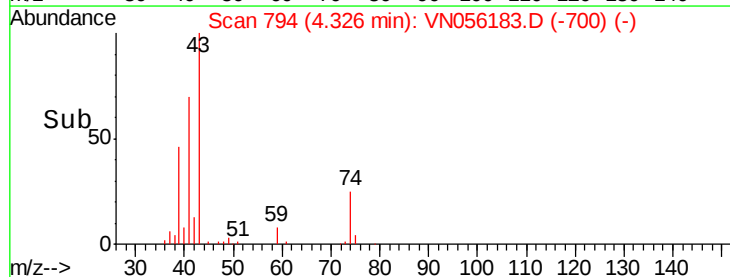
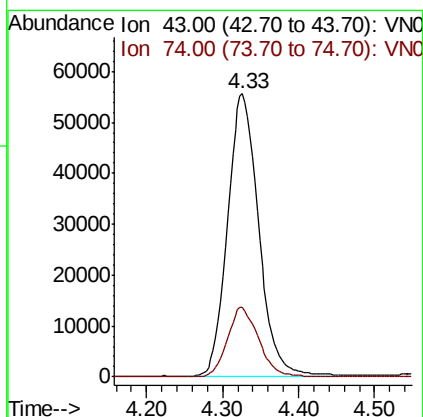
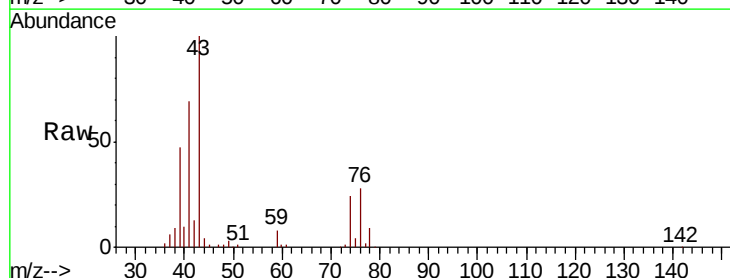
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

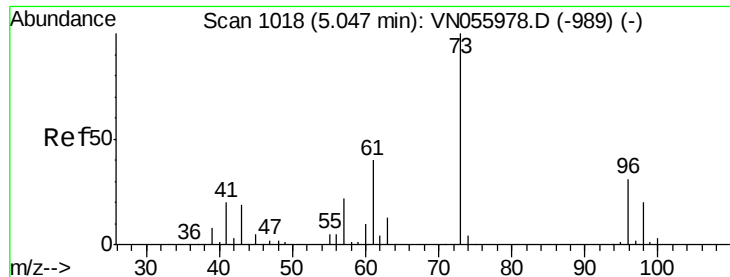
Tot Ion: 76 Resp: 266034
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 60.729 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 43 Resp: 157548
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9

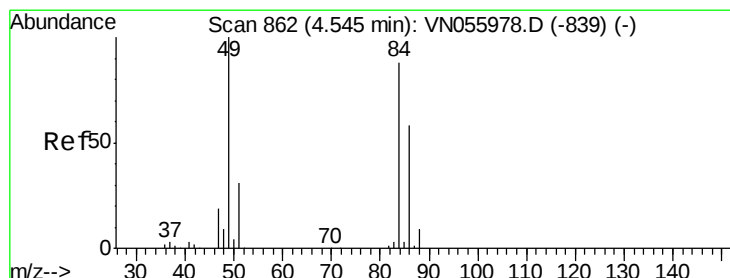
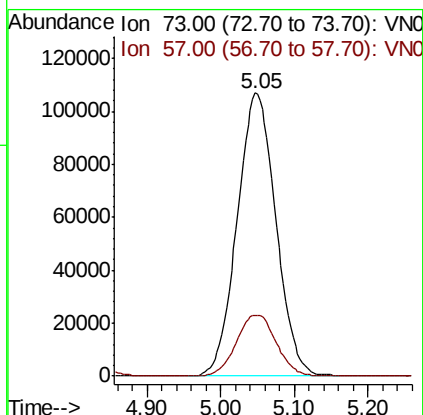
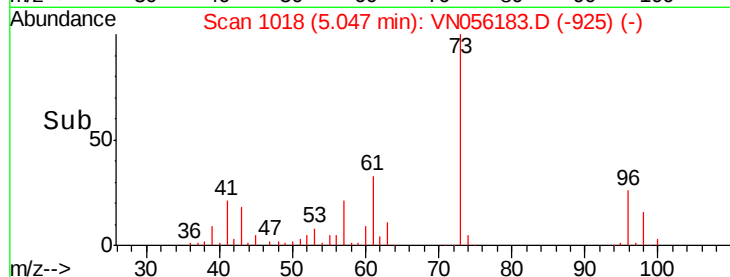
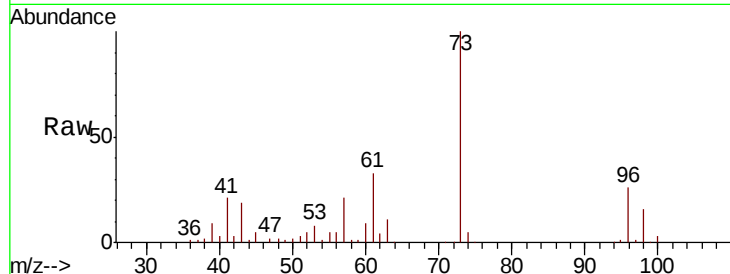




#19
Methvl tert-butvl Ether
Concen: 52.399 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

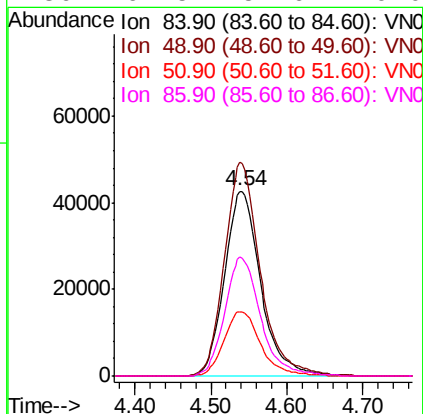
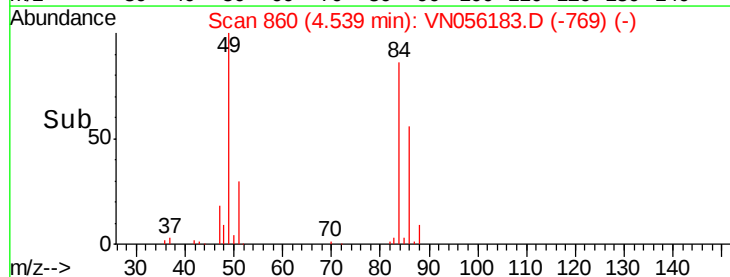
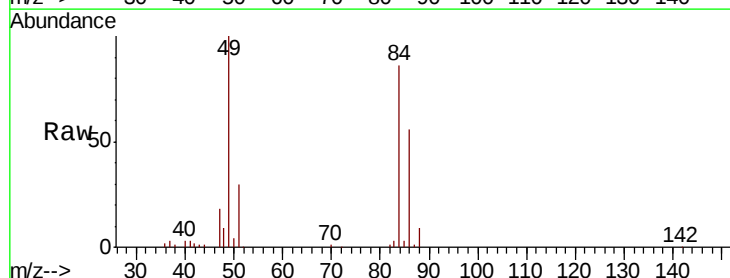
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

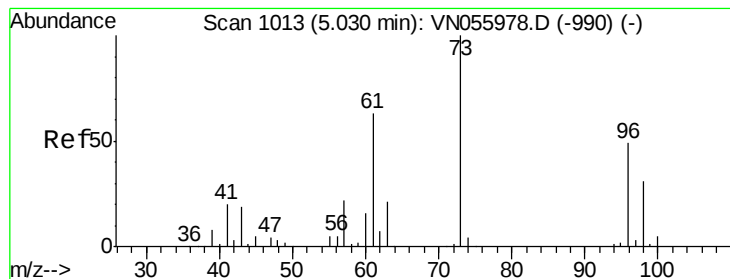
Tot Ion: 73 Resp: 390758
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 51.812 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 84 Resp: 141269
Ion Ratio Lower Upper
84 100
49 115.6 93.5 140.3
51 35.0 28.6 43.0
86 64.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 50.799 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

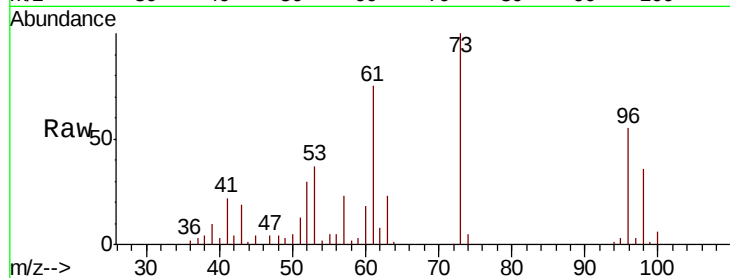
Tot Ion: 96 Resp: 127337

Ion Ratio Lower Upper

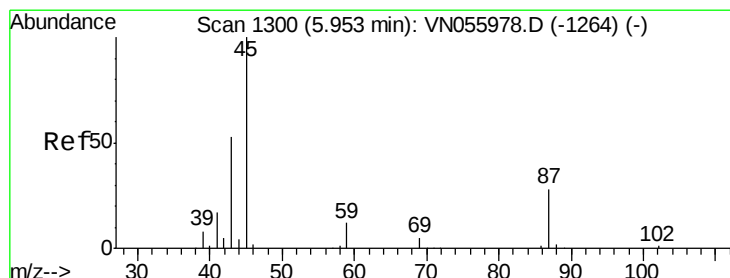
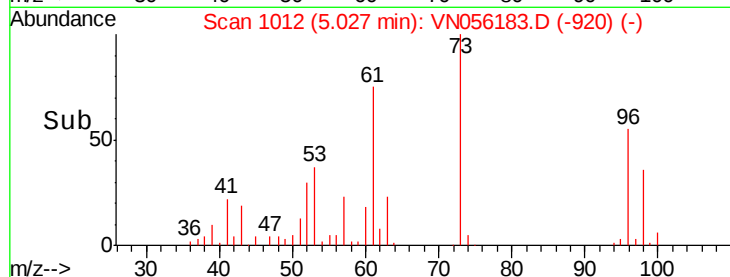
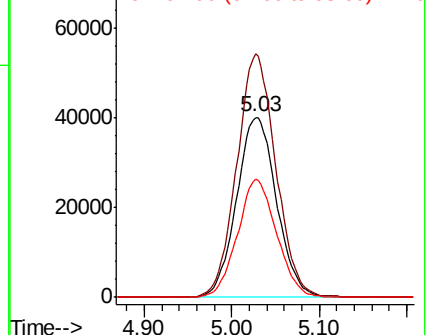
96 100

61 135.1 107.8 161.8

98 65.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 53.437 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Tgt Ion: 45 Resp: 408074

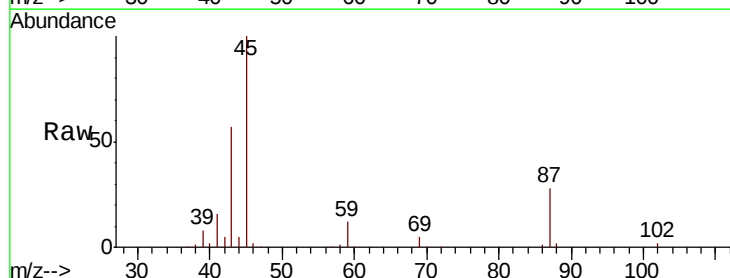
Ion Ratio Lower Upper

45 100

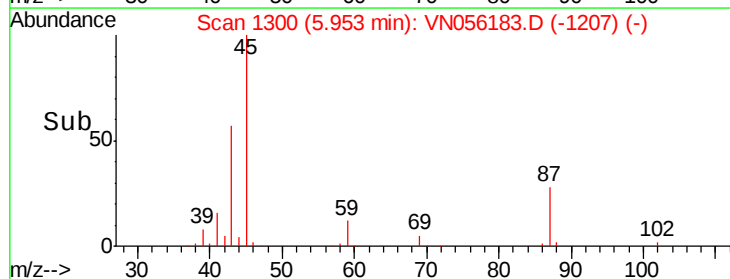
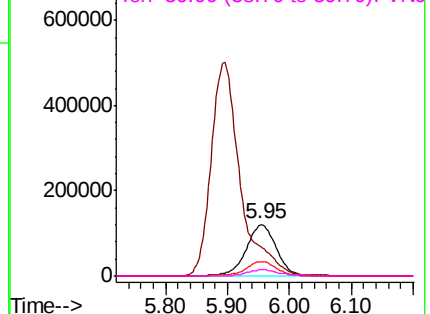
43 55.9 45.0 67.6

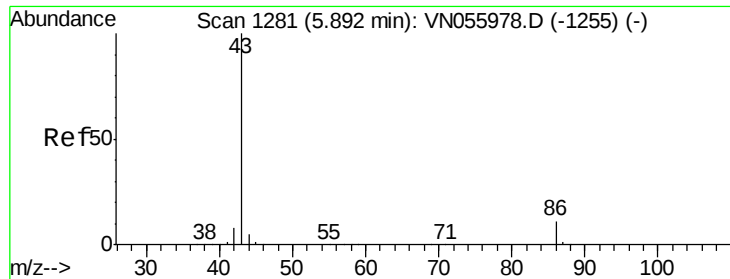
87 27.9 22.2 33.4

59 11.7 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 274.769 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

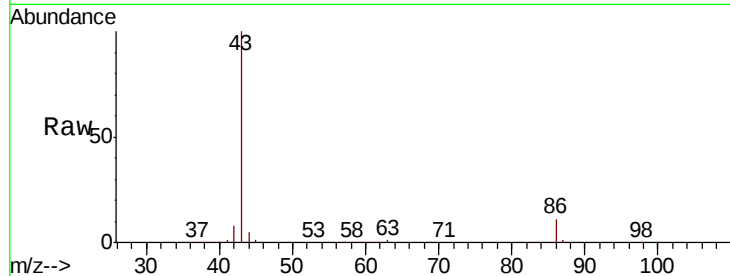
VSTDCCC050

Tot Ion: 43 Resp: 1652395

Ion Ratio Lower Upper

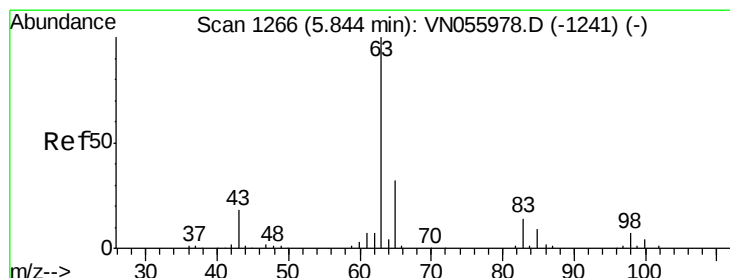
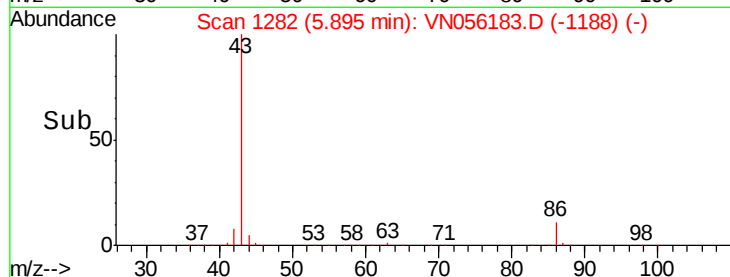
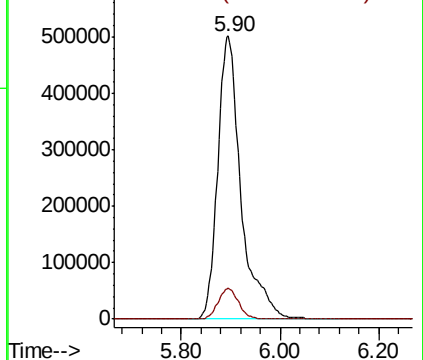
43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.947 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

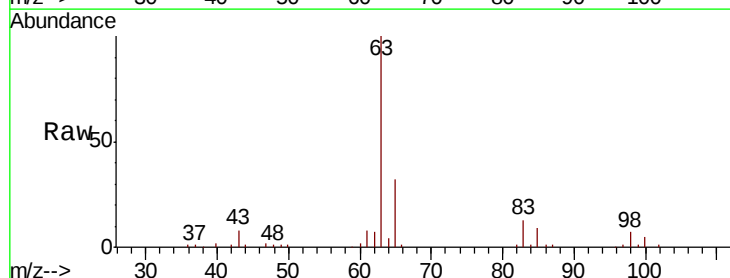
Tgt Ion: 63 Resp: 233233

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

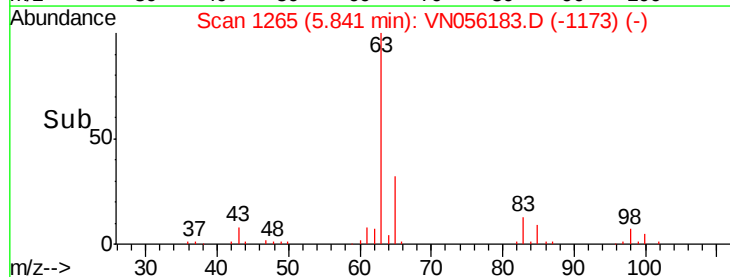
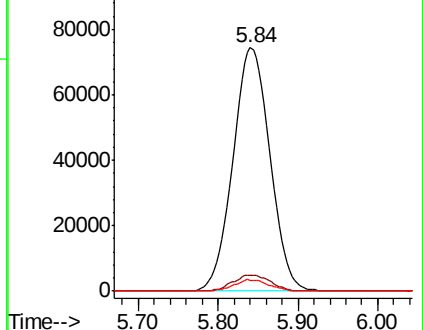
100 4.6 2.2 6.6

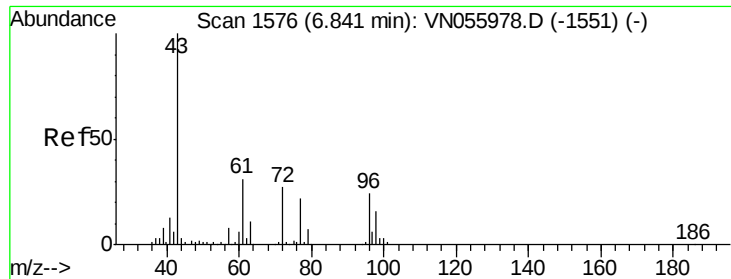


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

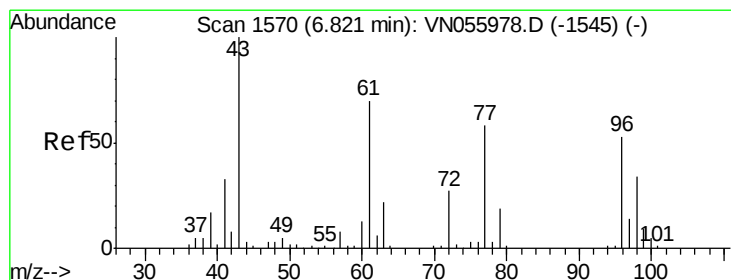
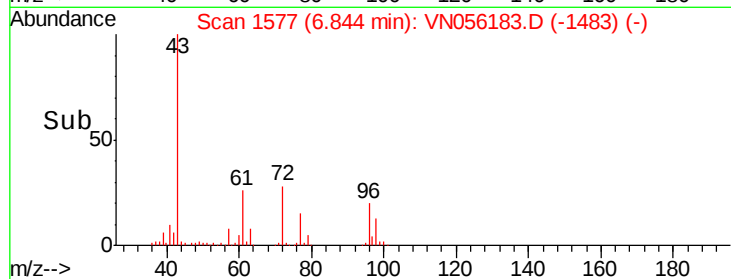
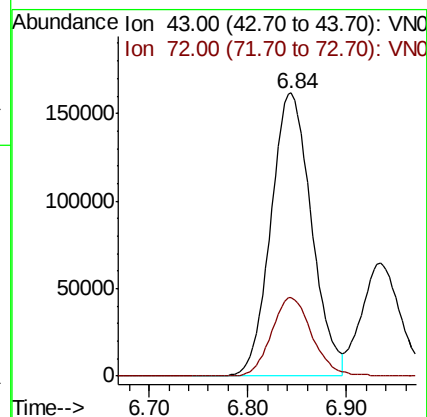
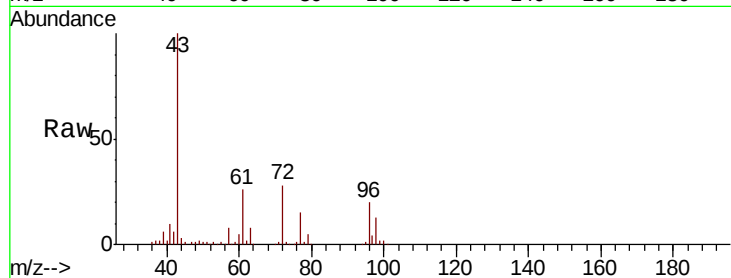




#25
2-Butanone
Concen: 275.131 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

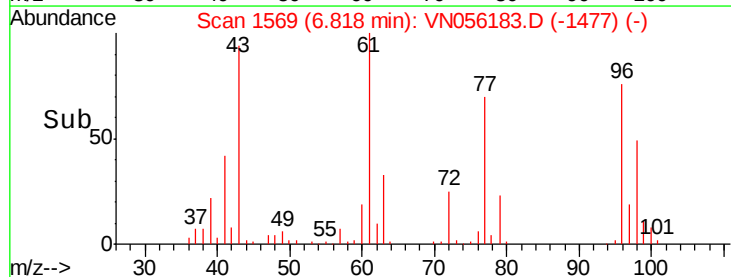
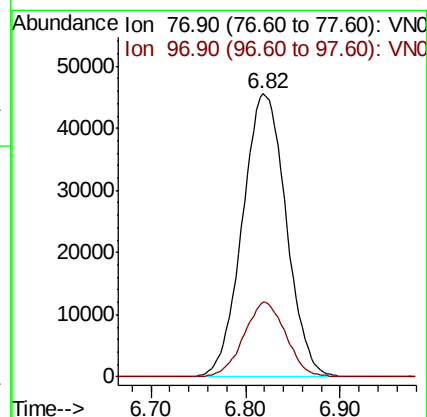
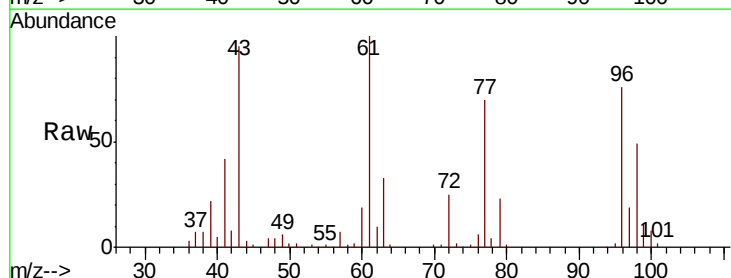
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

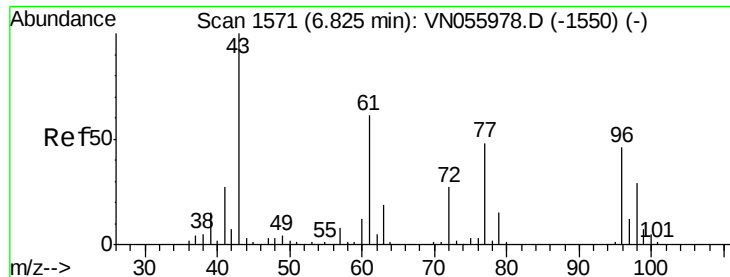
Tot Ion: 43 Resp: 460047
Ion Ratio Lower Upper
43 100
72 27.8 21.9 32.9



#26
2,2-Dichloropropane
Concen: 42.551 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 77 Resp: 146262
Ion Ratio Lower Upper
77 100
97 25.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 52.019 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

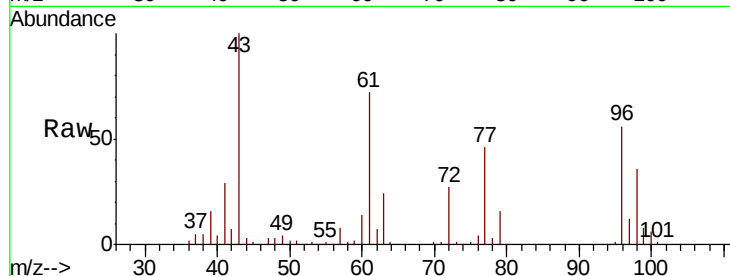
Tot Ion: 96 Resp: 153276

Ion Ratio Lower Upper

96 100

61 131.9 0.0 275.8

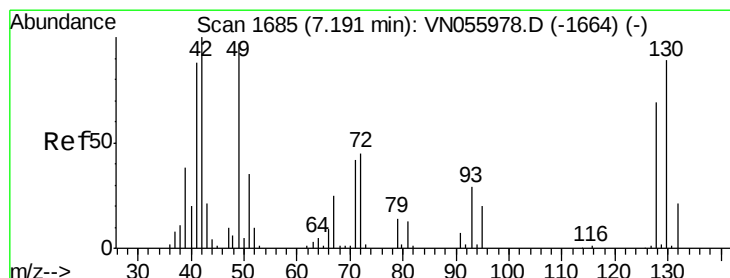
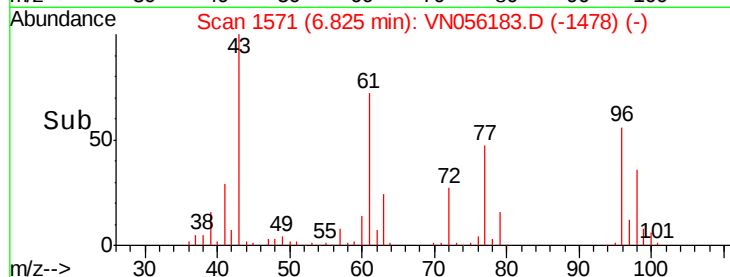
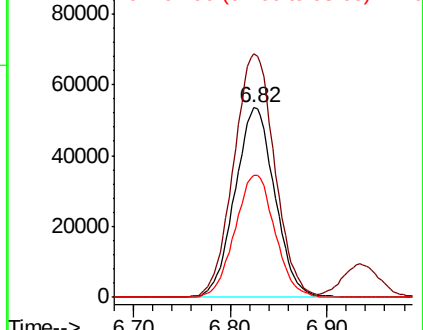
98 64.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 54.497 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

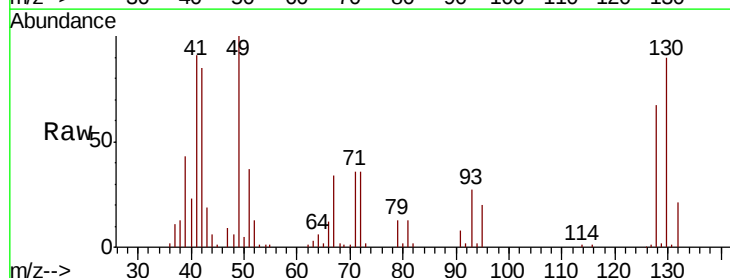
Tgt Ion: 49 Resp: 113525

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

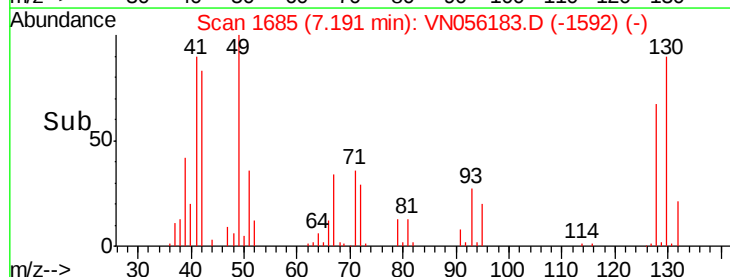
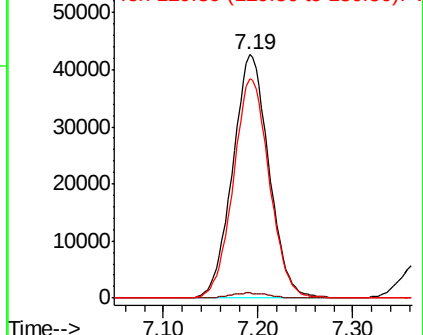
130 89.5 71.2 106.8

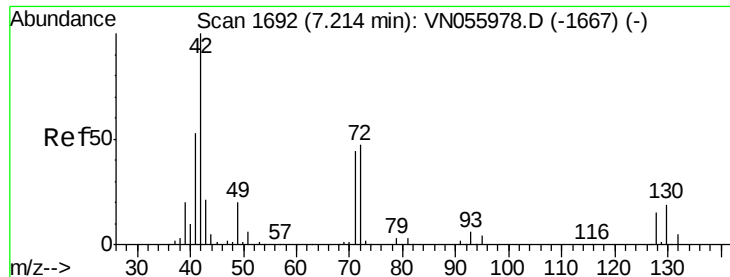


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

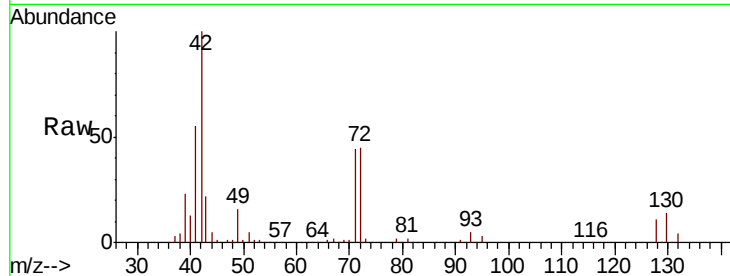




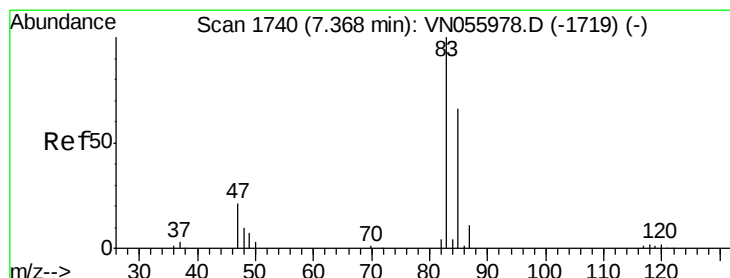
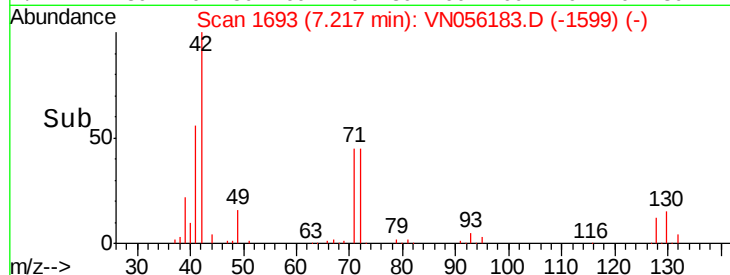
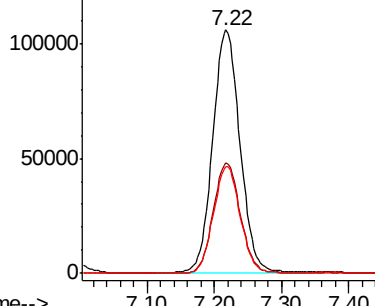
#29
Tetrahydrofuran
Concen: 290.540 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 300300
Ion Ratio Lower Upper
42 100
72 44.9 35.9 53.9
71 43.0 34.0 51.0

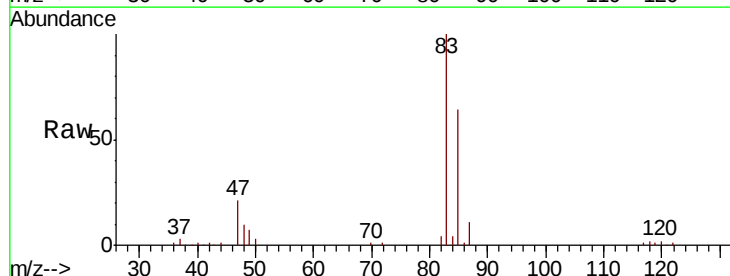


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

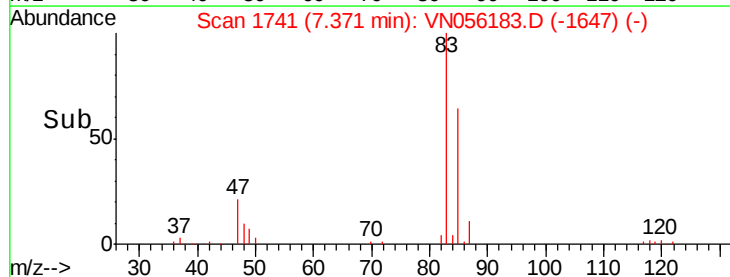
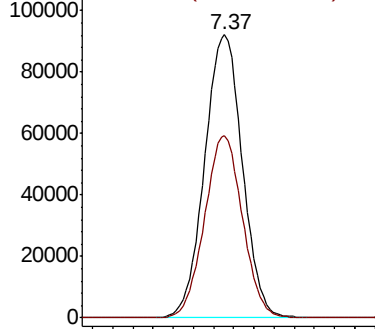


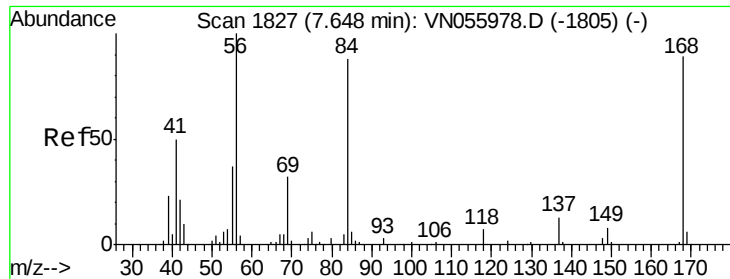
#30
Chloroform
Concen: 53.909 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 83 Resp: 238886
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

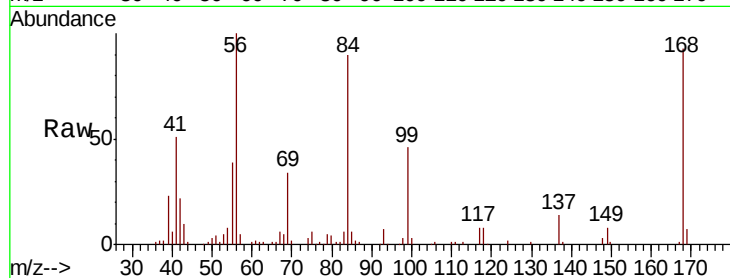




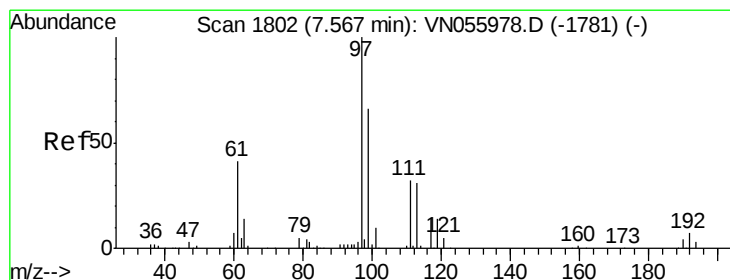
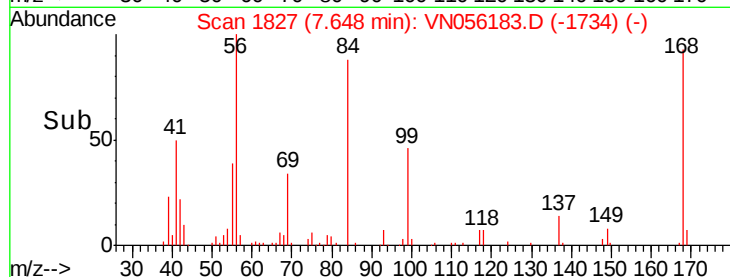
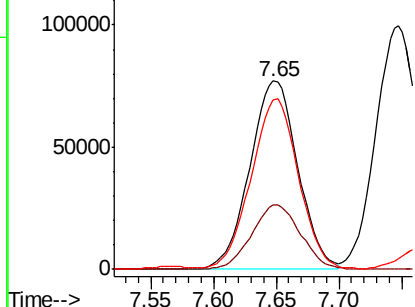
#31
Cyclohexane
Concen: 46.740 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 205228
Ion Ratio Lower Upper
56 100
69 34.2 25.6 38.4
84 89.2 67.4 101.0

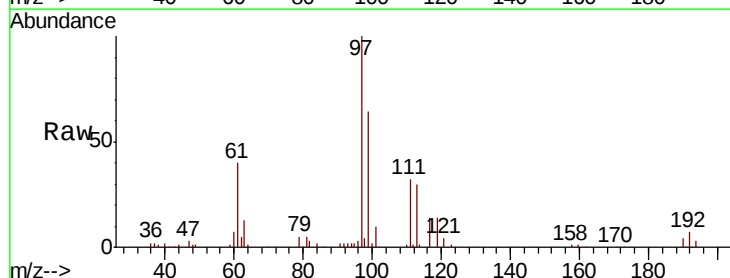


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

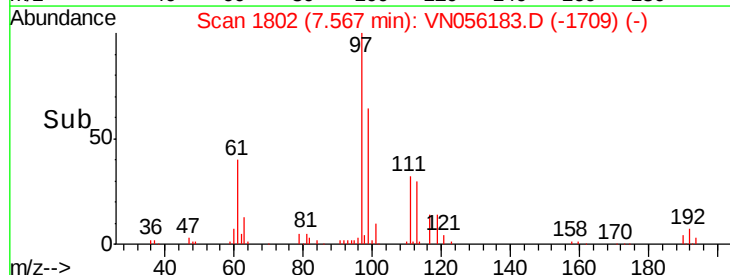
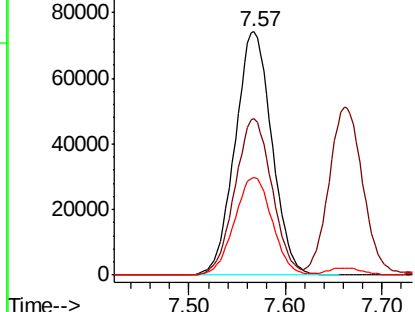


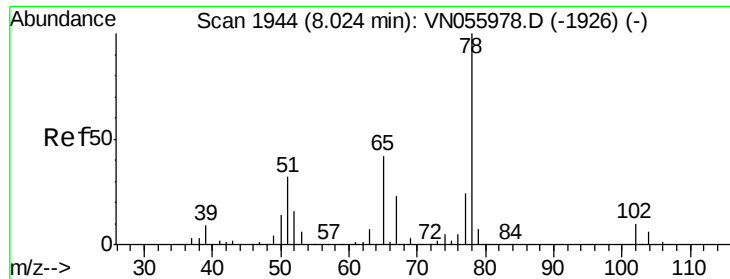
#32
1,1,1-Trichloroethane
Concen: 53.074 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 97 Resp: 196398
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 41.0 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

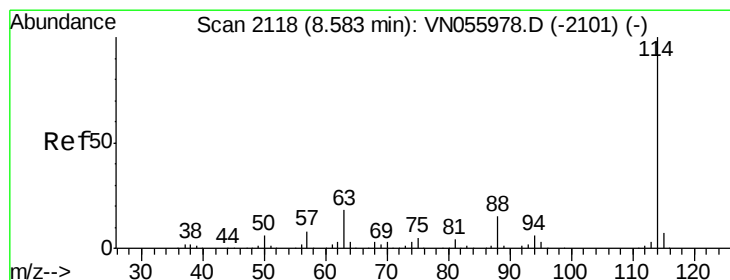
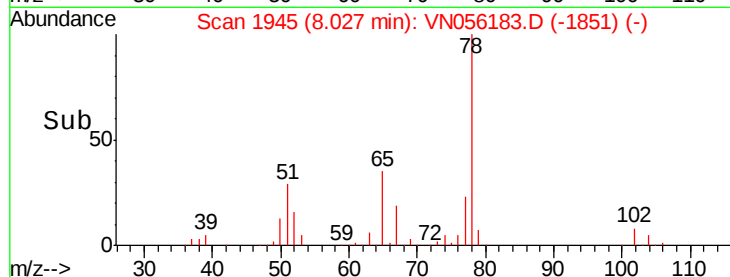
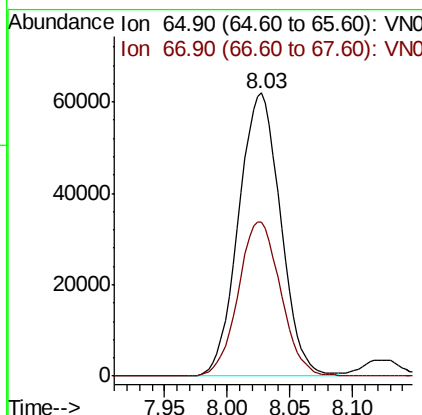
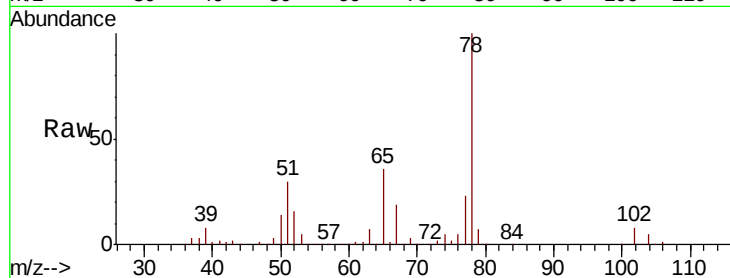




#33
 1,2-Dichloroethane-d4
 Concen: 52.263 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

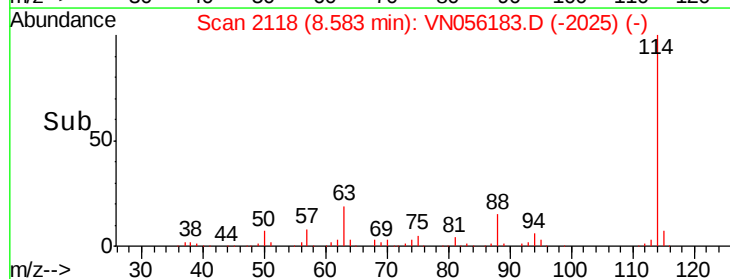
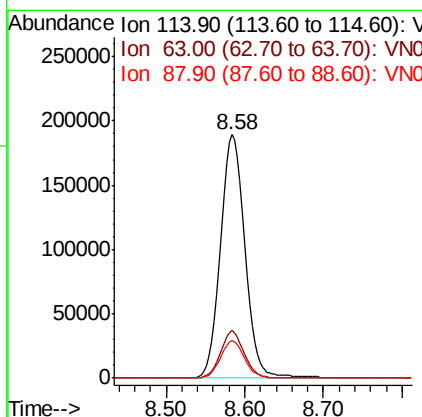
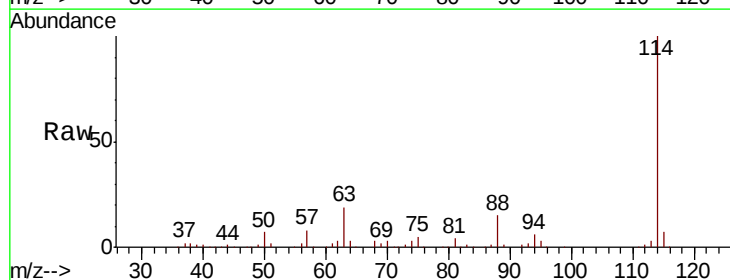
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

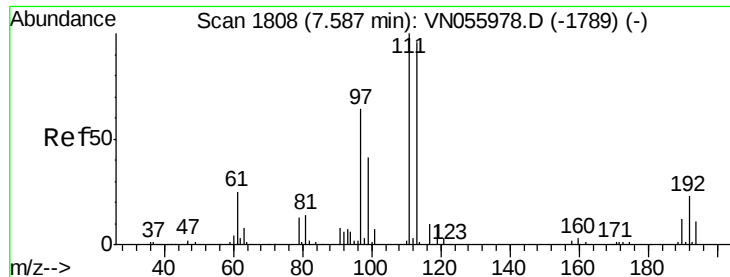
Tot Ion: 65 Resp: 144618
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Tgt Ion: 114 Resp: 405751
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.3 0.0 31.0

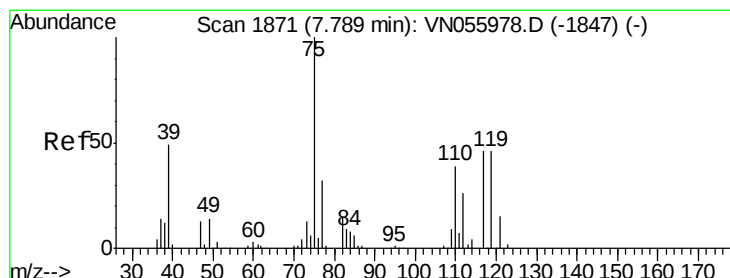
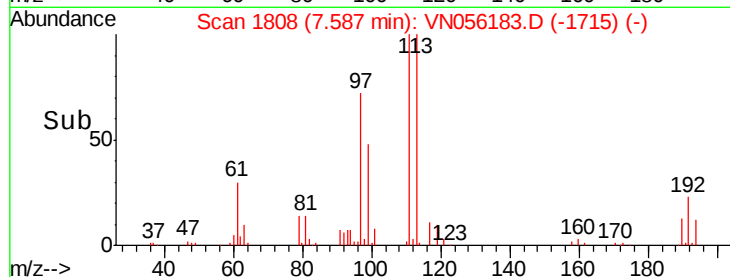
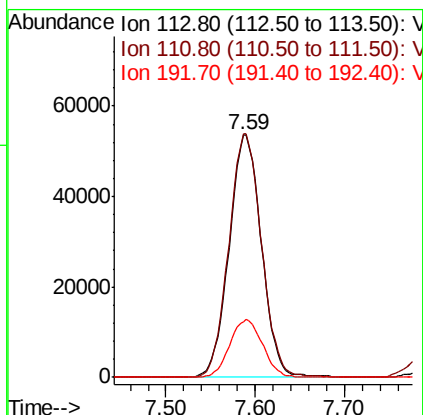
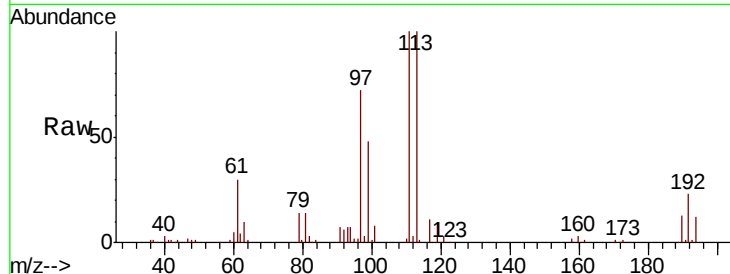




#35
 Dibromofluoromethane
 Concen: 54.049 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

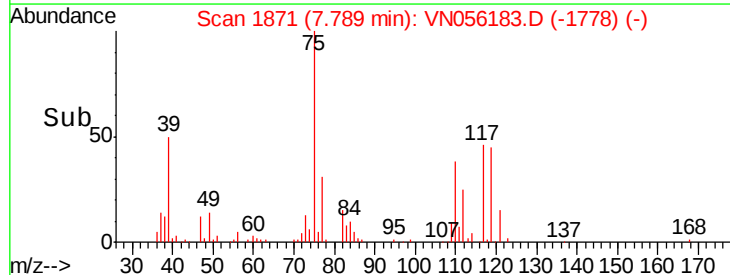
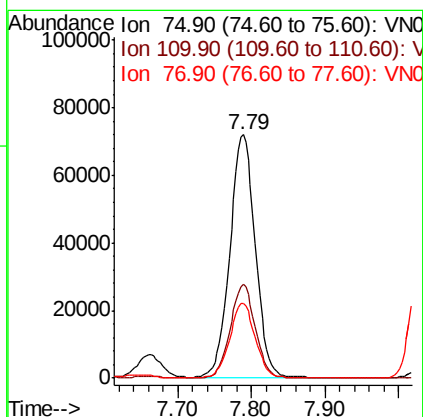
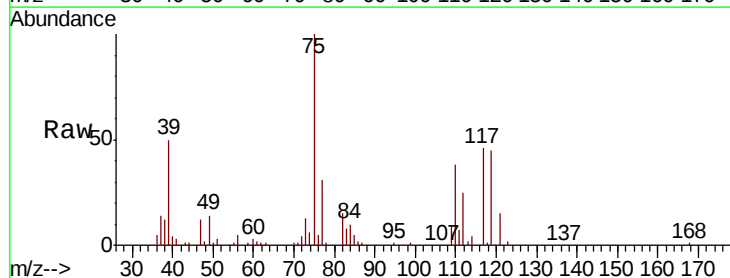
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

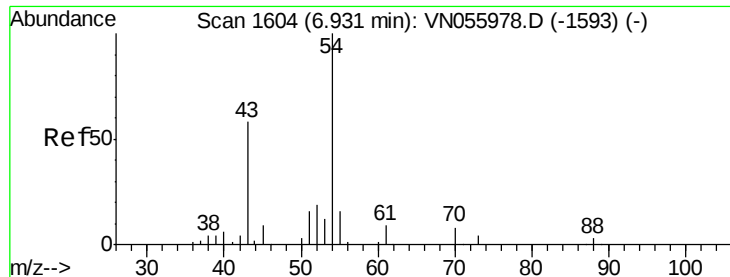
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	24.2	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 49.737 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	19.0	57.0
77	30.9	25.1	37.7

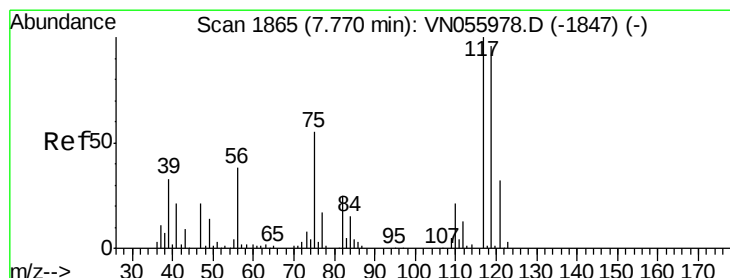
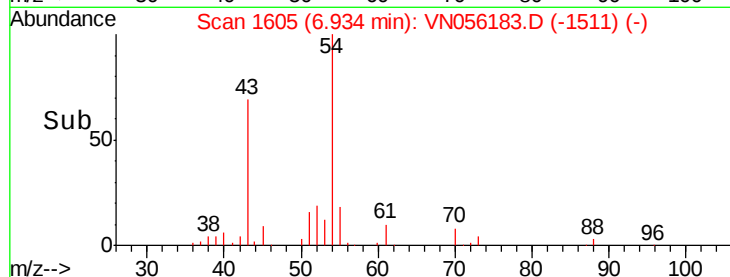
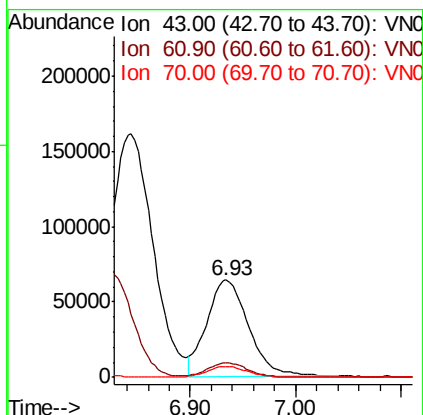
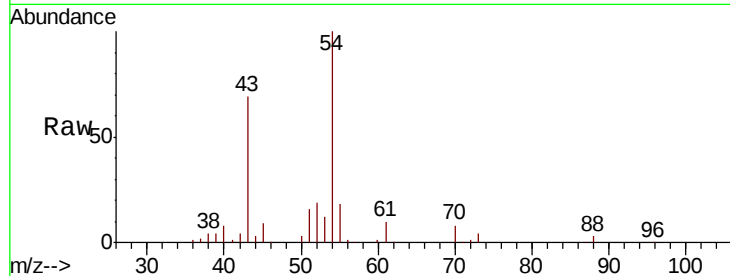




#37
Ethyl Acetate
Concen: 57.044 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

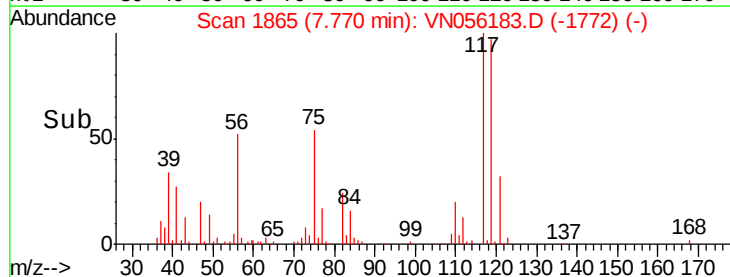
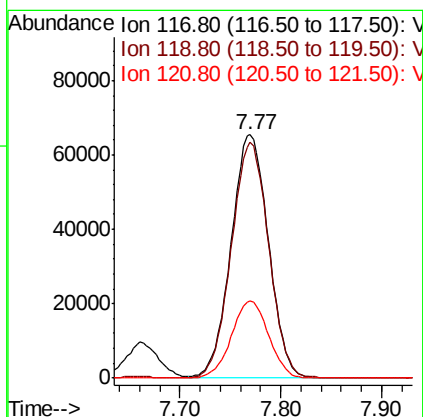
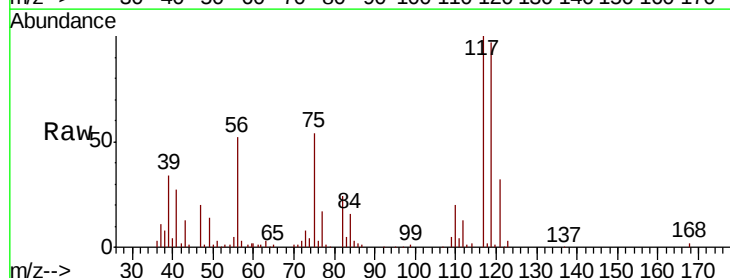
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

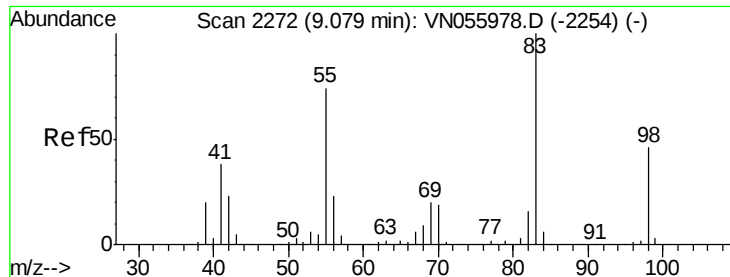
Tot Ion: 43 Resp: 177080
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 10.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.456 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 117 Resp: 168728
Ion Ratio Lower Upper
117 100
119 96.8 79.0 118.6
121 31.8 24.7 37.1

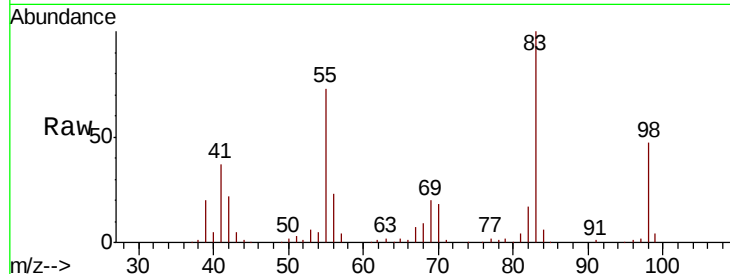




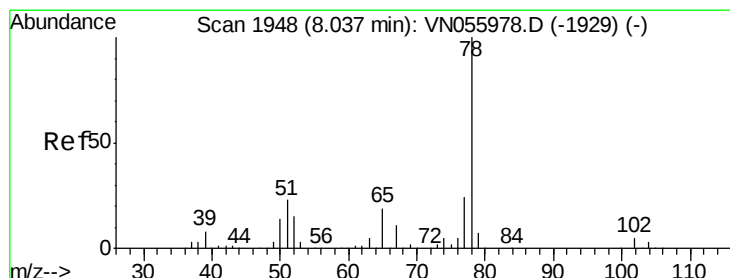
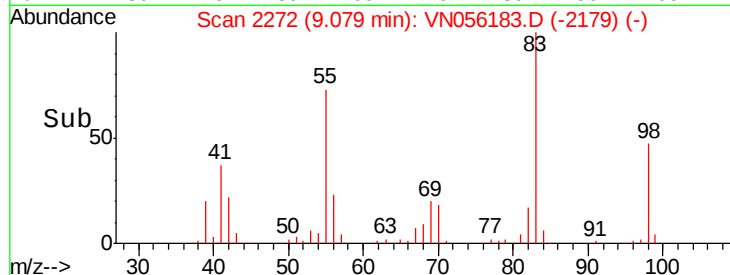
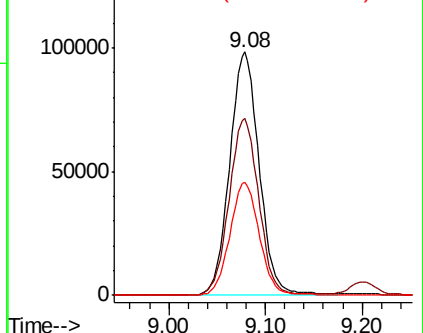
#39
Methvlcvclohexane
Concen: 48.049 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 208828
Ion Ratio Lower Upper
83 100
55 72.7 59.3 88.9
98 46.5 36.6 54.8

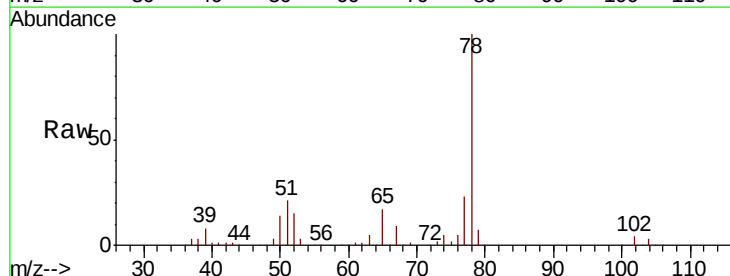


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

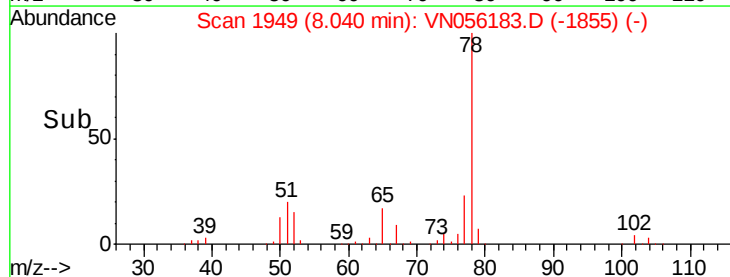
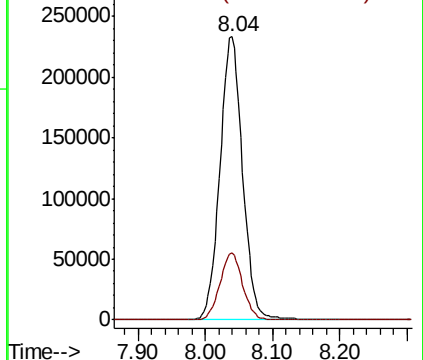


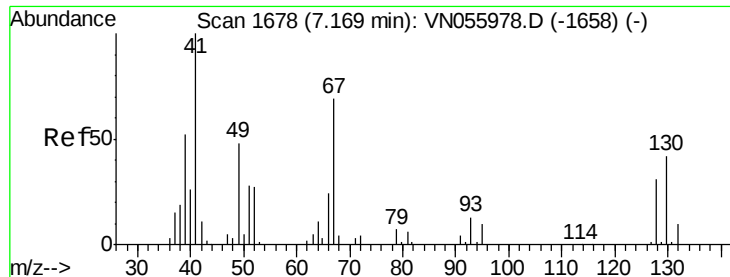
#40
Benzene
Concen: 51.800 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 78 Resp: 548904
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

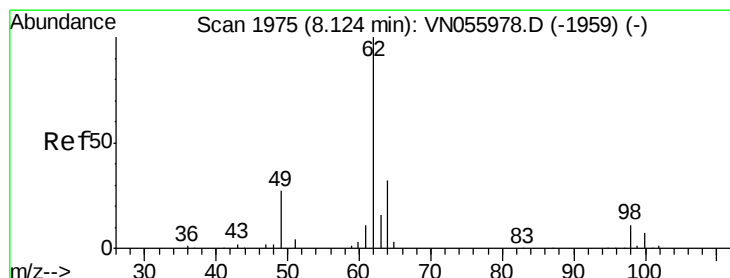
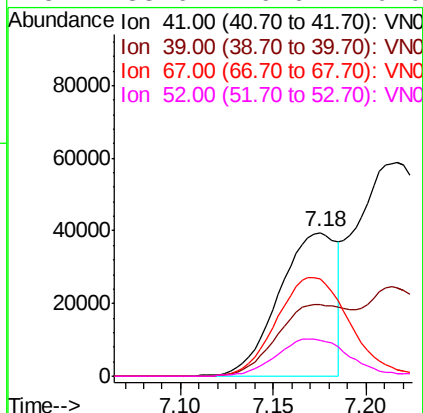
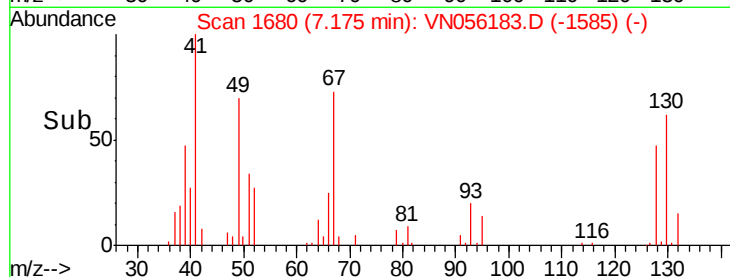
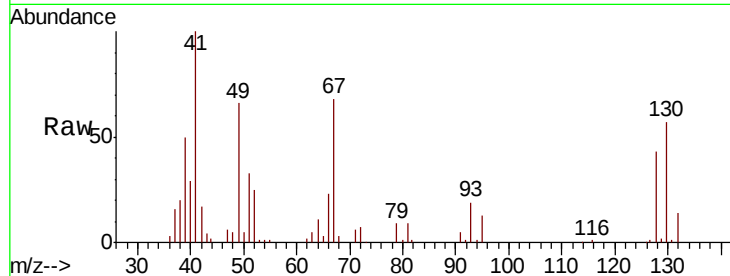




#41
Methacrylonitrile
Concen: 59.948 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

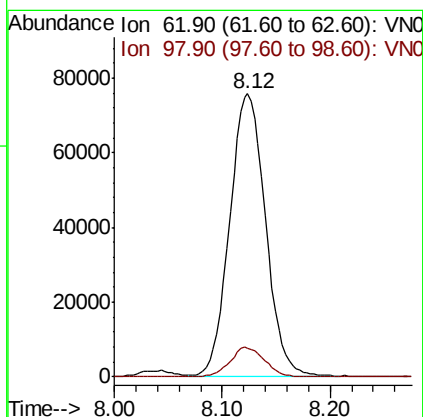
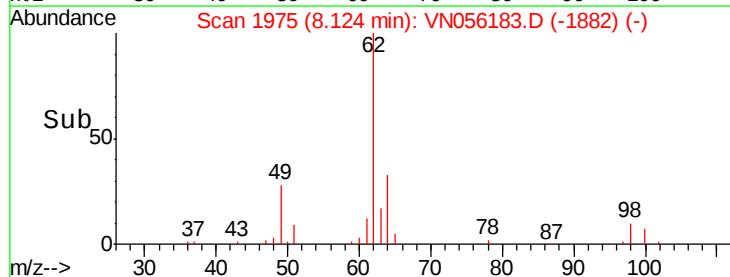
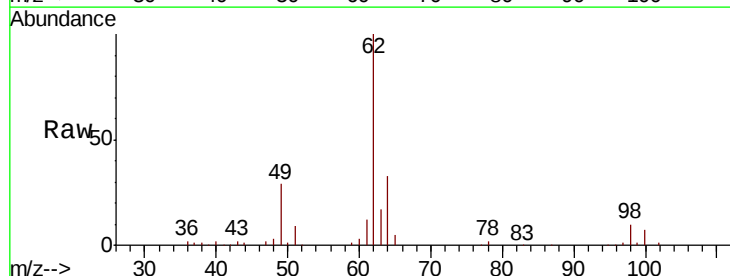
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

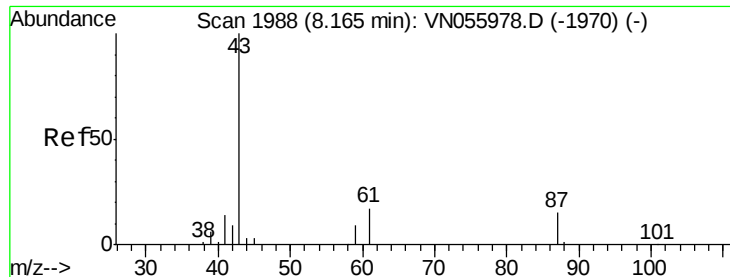
Tot Ion: 41 Resp: 85621
Ion Ratio Lower Upper
41 100
39 63.8 45.6 68.4
67 87.6 67.7 101.5
52 33.6 26.6 40.0



#42
1,2-Dichloroethane
Concen: 51.288 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 62 Resp: 174819
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 54.736 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

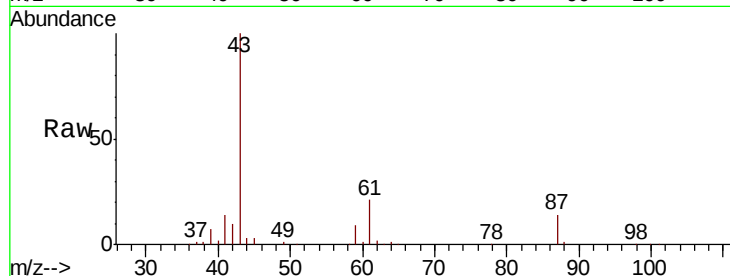
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 275343

Ion	Ratio	Lower	Upper
43	100		
61	21.2	22.2	33.4#
87	14.5	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

8.17

150000

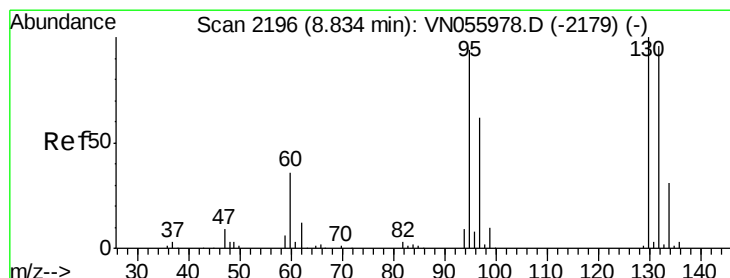
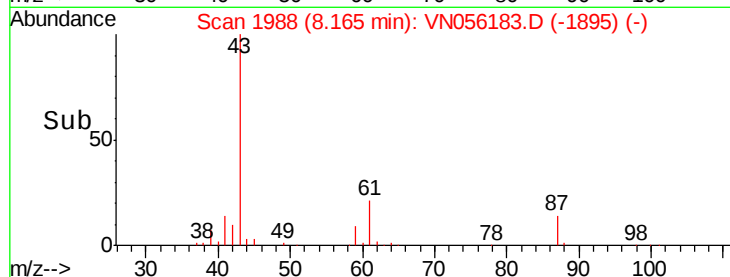
100000

50000

0

8.10 8.20 8.30

Time-->



#44

Trichloroethene

Concen: 49.903 ug/l

RT: 8.83 min Scan# 2196

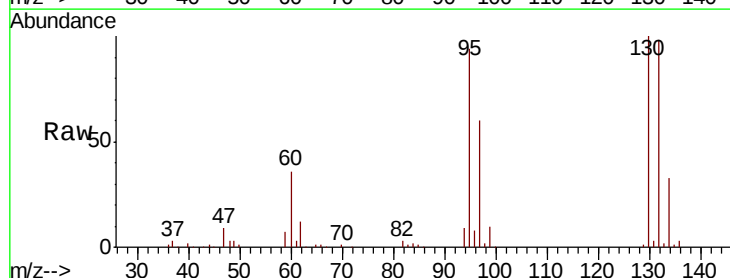
Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Tgt Ion: 130 Resp: 151949

Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

8.83

80000

60000

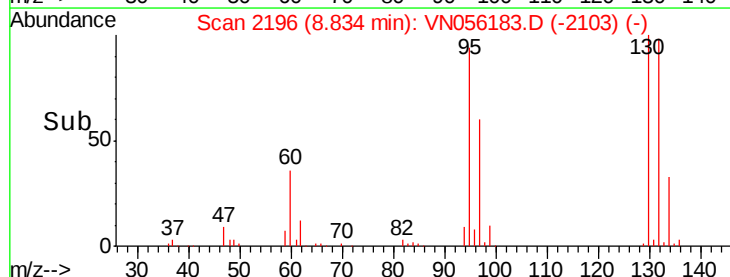
40000

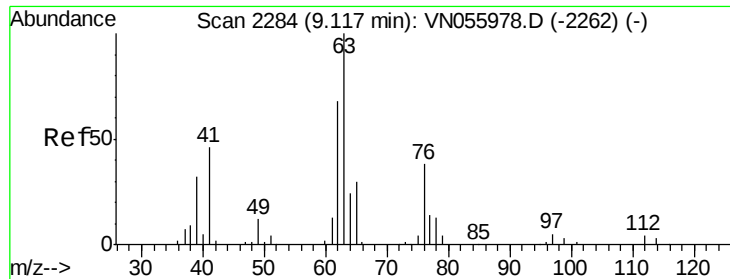
20000

0

8.75 8.80 8.85 8.90

Time-->

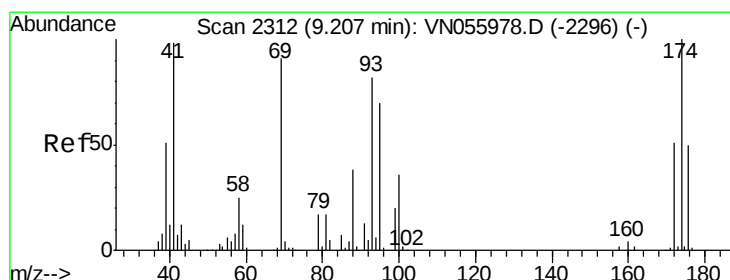
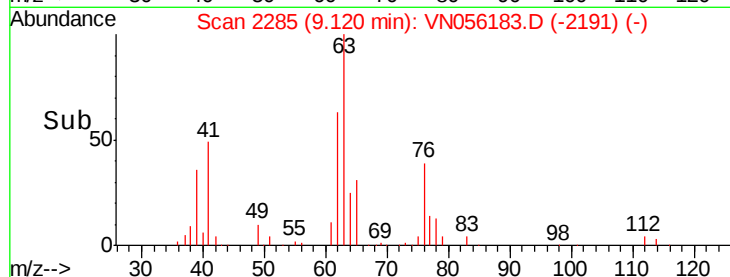
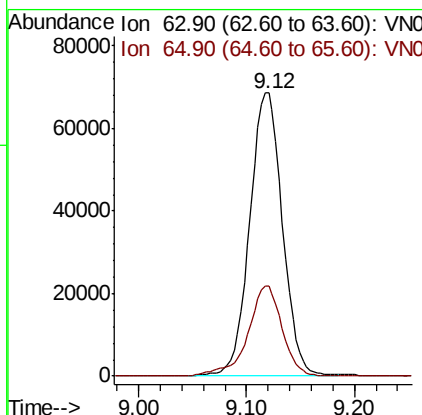
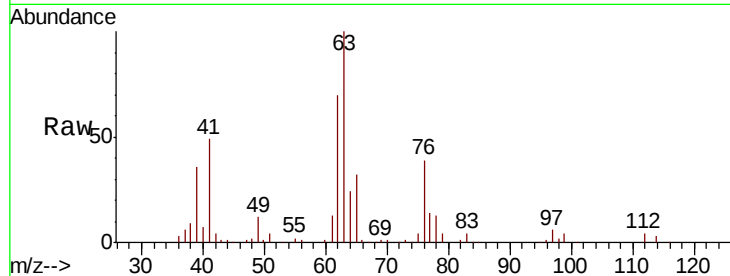




#45
 1,2-Dichloropropane
 Concen: 53.388 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

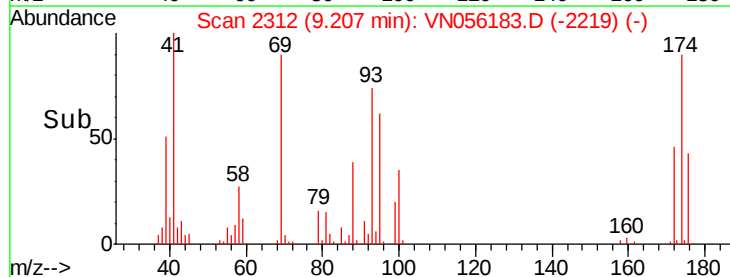
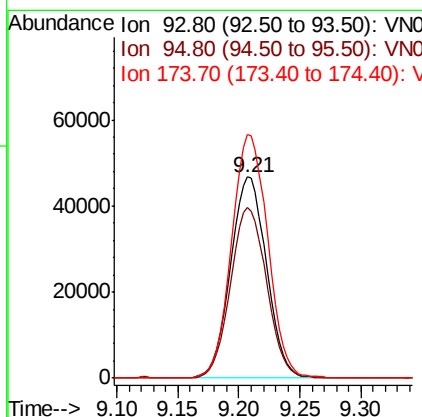
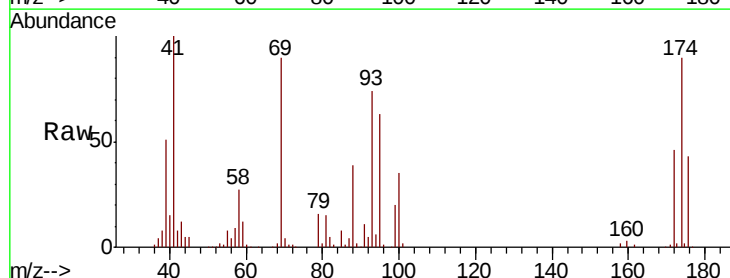
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

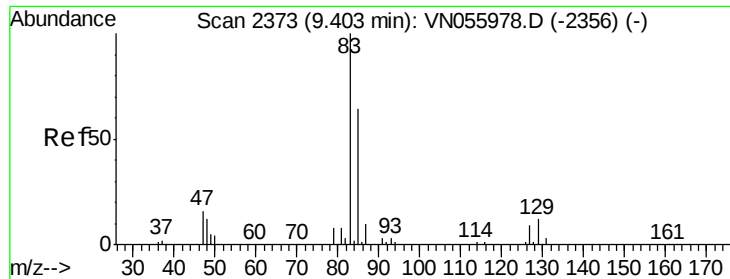
Tot Ion: 63 Resp: 144906
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 36.8



#46
 Dibromomethane
 Concen: 53.892 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Tgt Ion: 93 Resp: 95653
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.7 100.1
 174 121.7 96.4 144.6





#47

Bromodichloromethane

Concen: 56.606 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

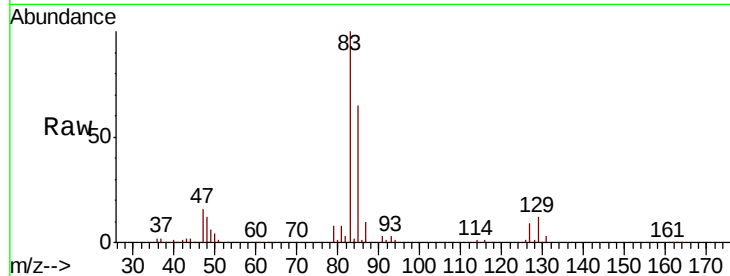
Tot Ion: 83 Resp: 182093

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.2

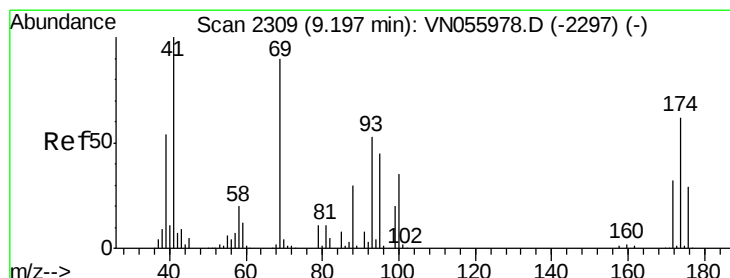
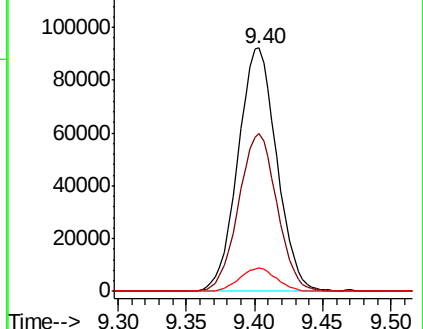
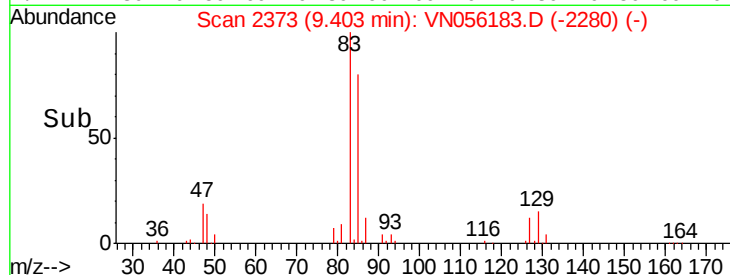
127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056183.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056183.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056183.D (-2280) (-)



#48

Methyl methacrylate

Concen: 56.515 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

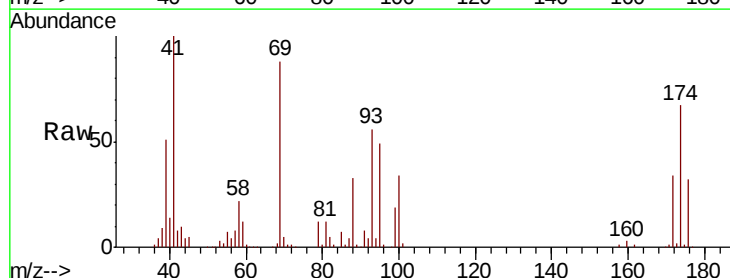
Tgt Ion: 41 Resp: 139082

Ion Ratio Lower Upper

41 100

69 89.6 71.0 106.6

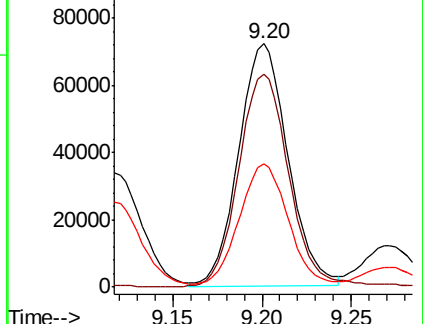
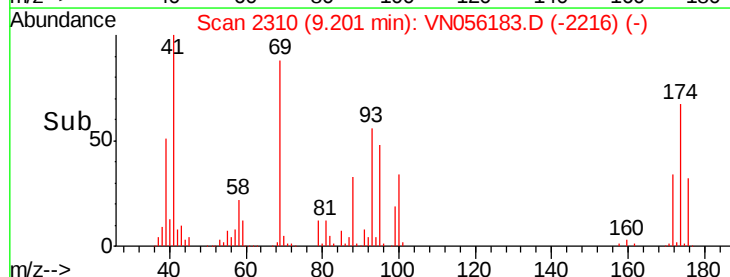
39 50.7 44.2 66.2

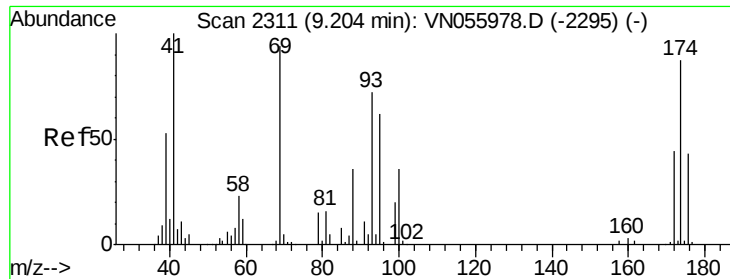


Abundance Ion 41.00 (40.70 to 41.70): VN056183.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056183.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056183.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1114.096 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

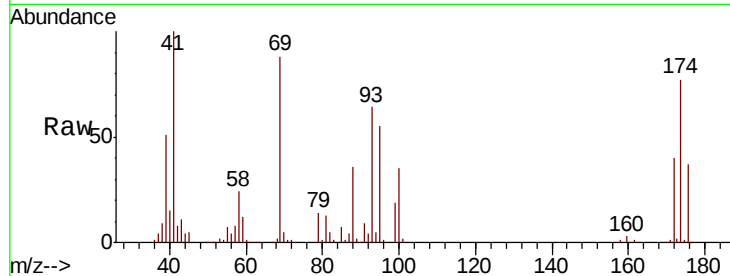
Tot Ion: 88 Resp: 59192

Ion Ratio Lower Upper

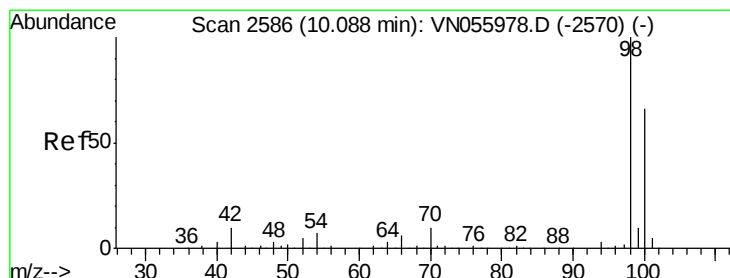
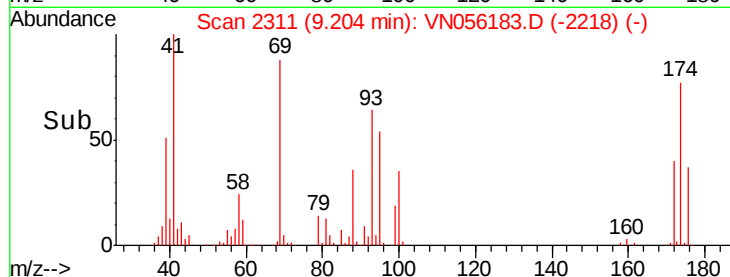
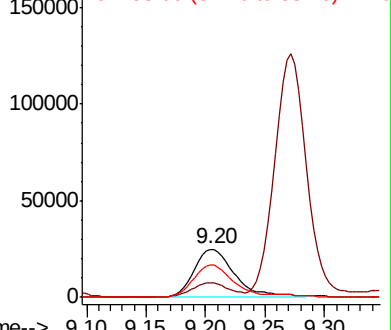
88 100

43 26.1 20.5 30.7

58 65.8 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.388 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056183.D

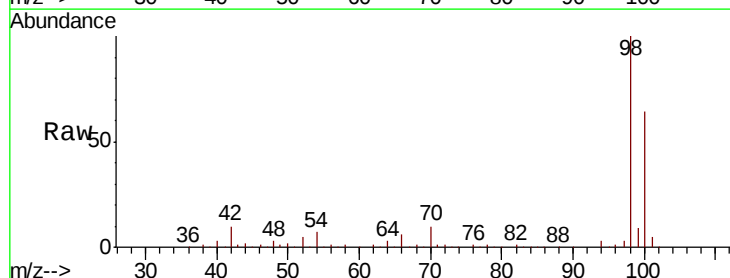
Acq: 10 Jun 2019 21:38

Tgt Ion: 98 Resp: 492265

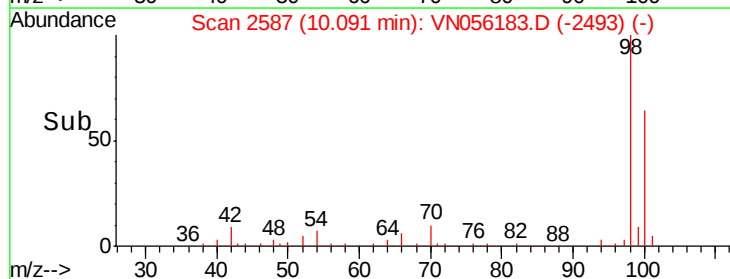
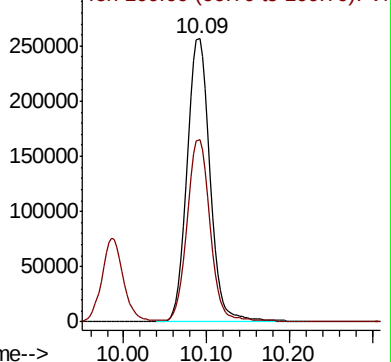
Ion Ratio Lower Upper

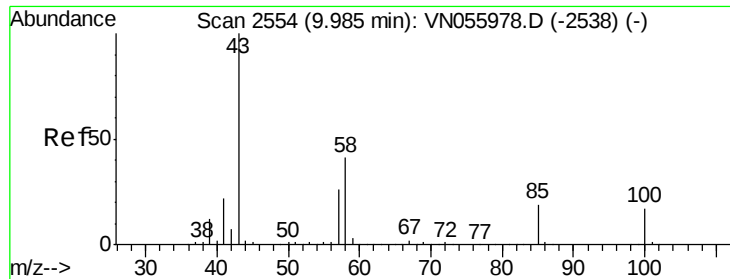
98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 278.209 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

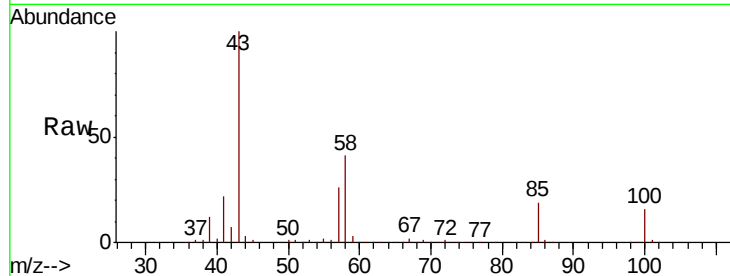
VSTDCCC050

Tot Ion: 43 Resp: 875173

Ion Ratio Lower Upper

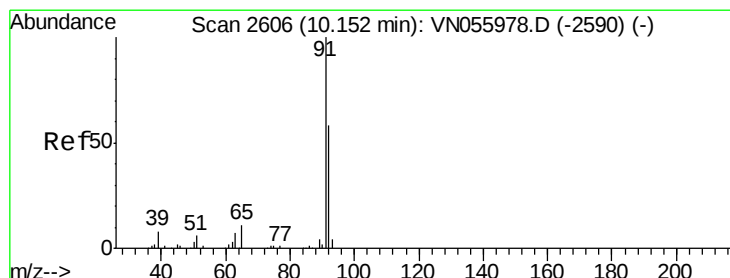
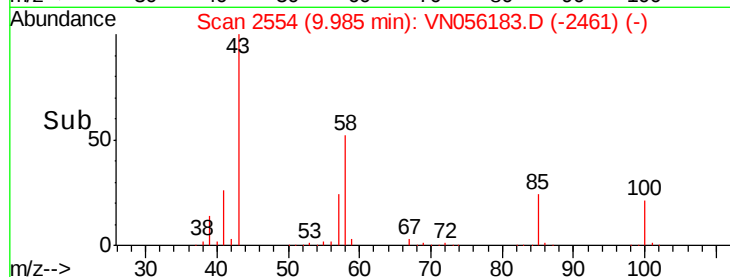
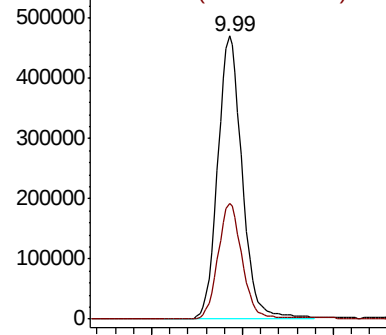
43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.721 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056183.D

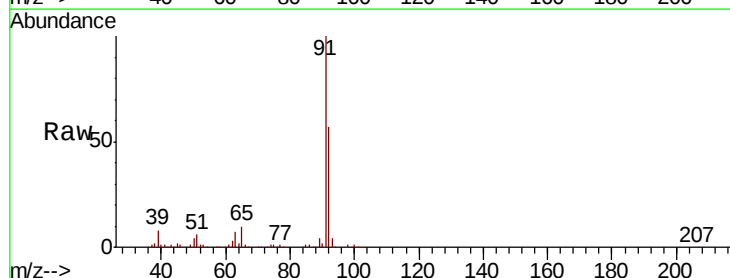
Acq: 10 Jun 2019 21:38

Tgt Ion: 92 Resp: 341037

Ion Ratio Lower Upper

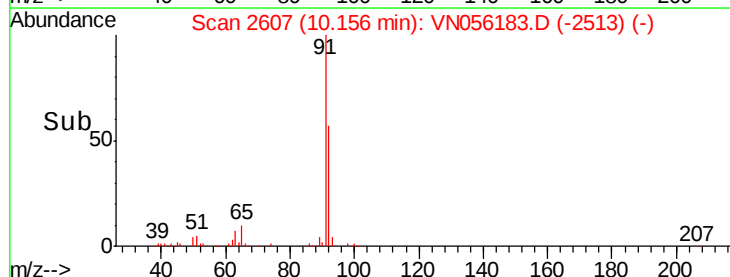
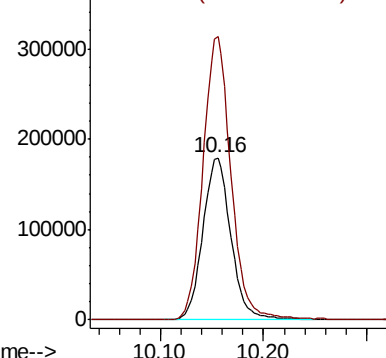
92 100

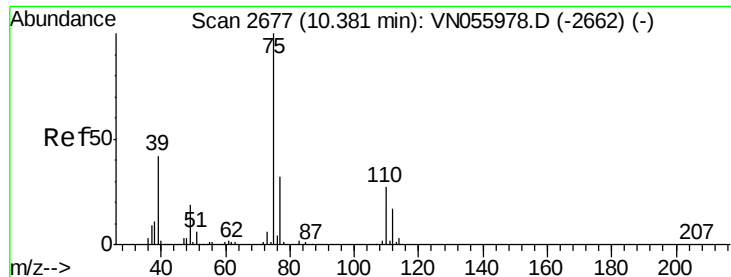
91 174.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 48.043 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

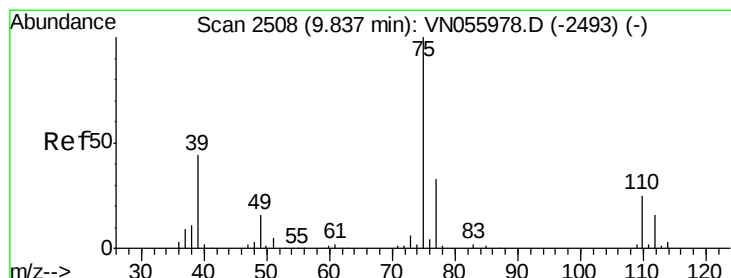
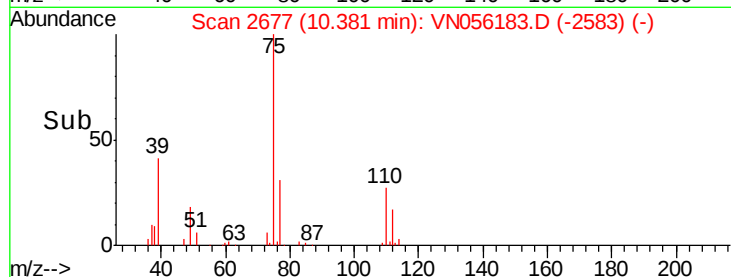
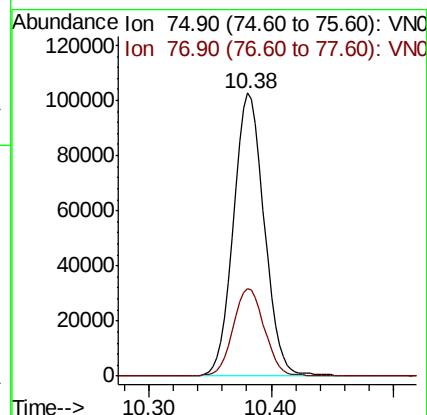
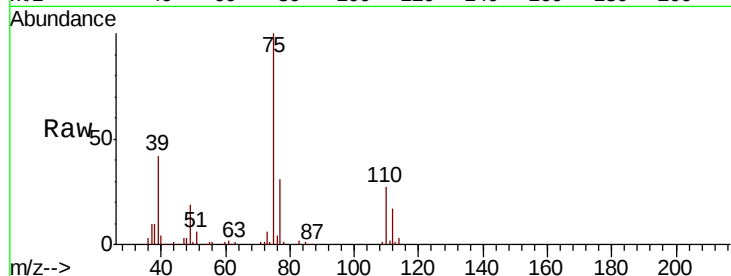
VSTDCCC050

Tot Ion: 75 Resp: 180822

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 54.670 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

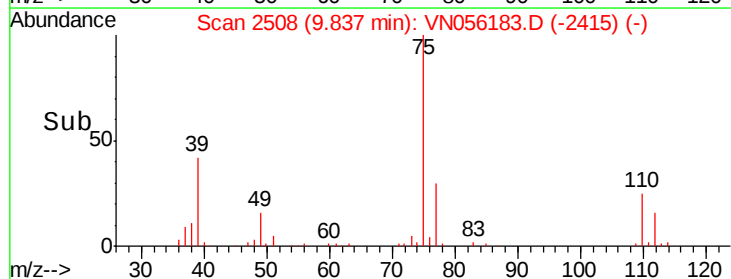
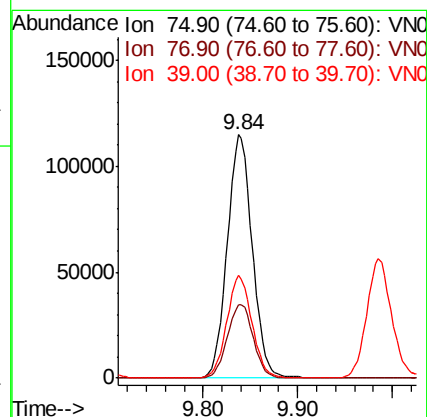
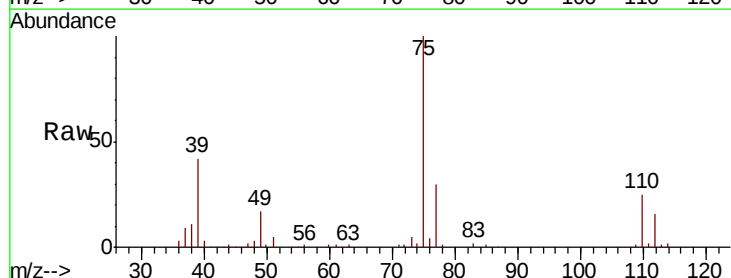
Tgt Ion: 75 Resp: 211393

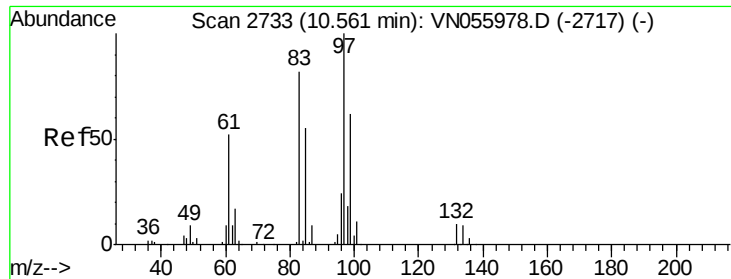
Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

39 42.1 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 54.376 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 142026

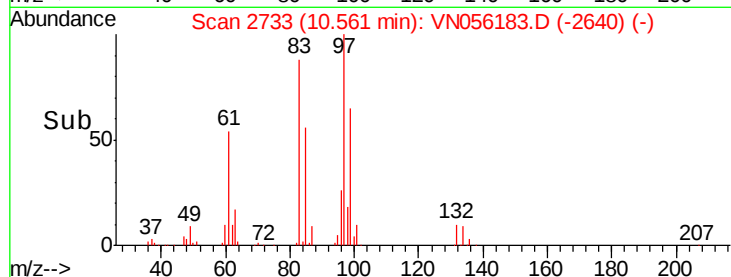
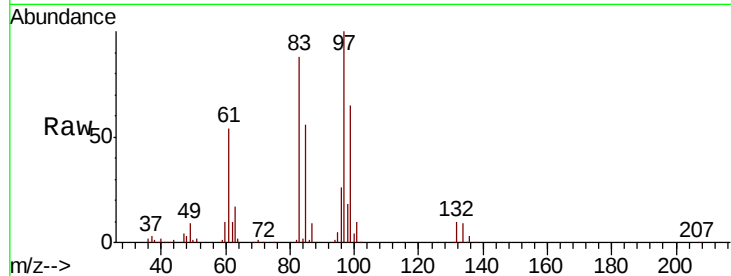
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.0	100.6
85	56.2	44.0	66.0
99	65.0	50.6	75.8

97 100

83 87.5 67.0 100.6

85 56.2 44.0 66.0

99 65.0 50.6 75.8

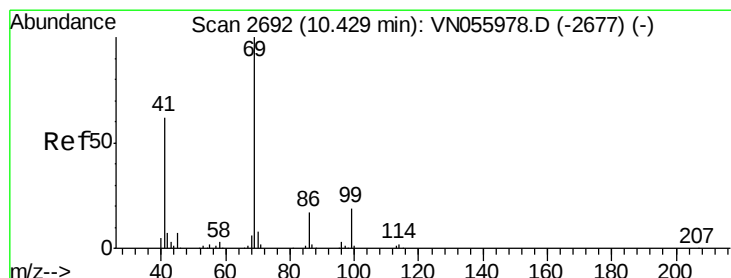
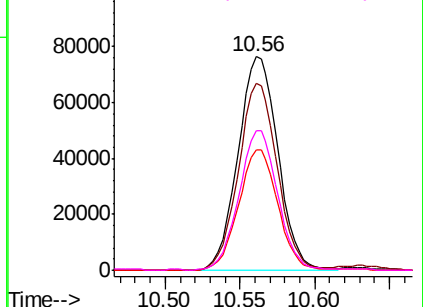


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 55.076 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

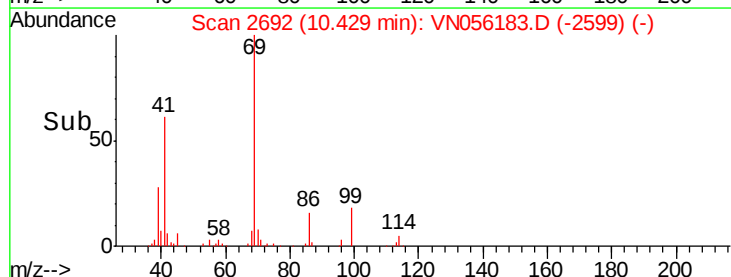
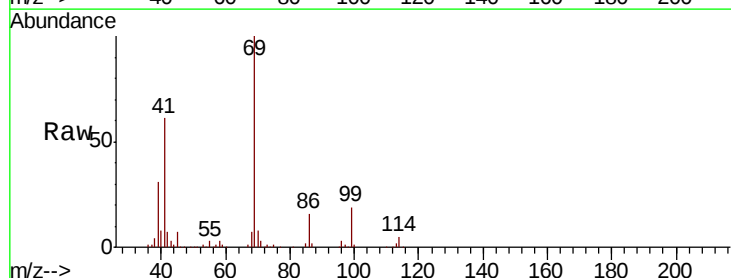
Tgt Ion: 69 Resp: 209867

Ion	Ratio	Lower	Upper
69	100		
41	60.6	49.7	74.5
39	30.0	24.7	37.1

69 100

41 60.6 49.7 74.5

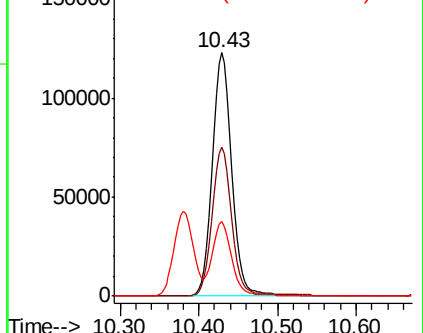
39 30.0 24.7 37.1

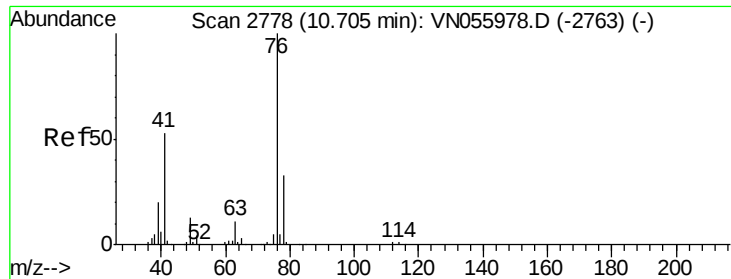


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

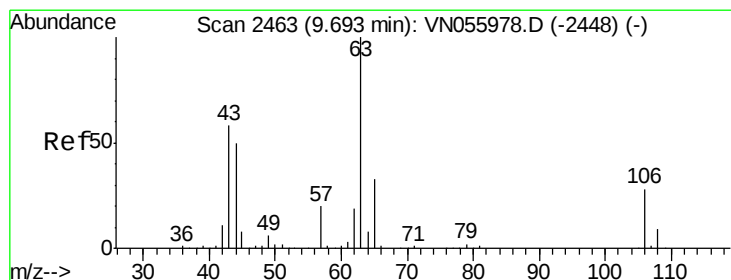
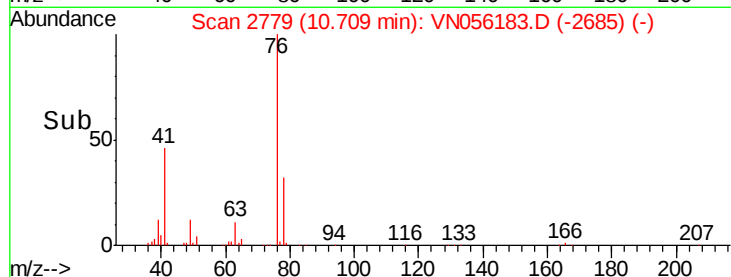
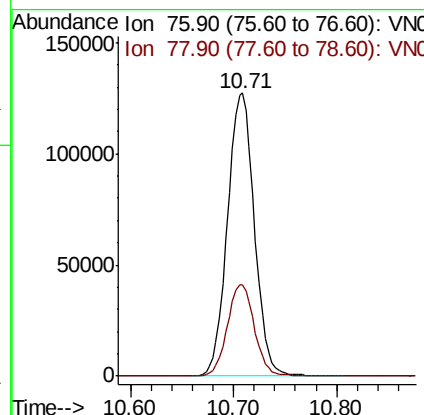
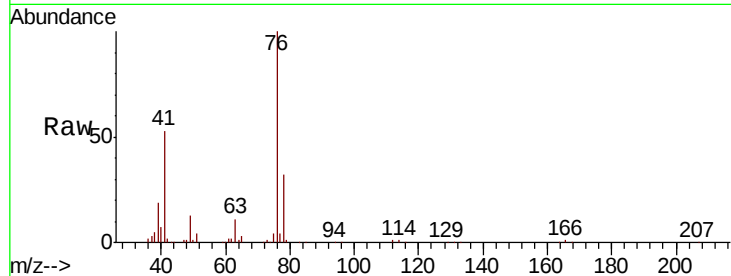




#57
 1,3-Dichloropropane
 Concen: 54.578 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

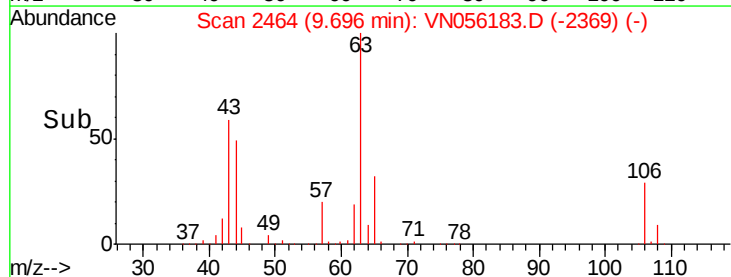
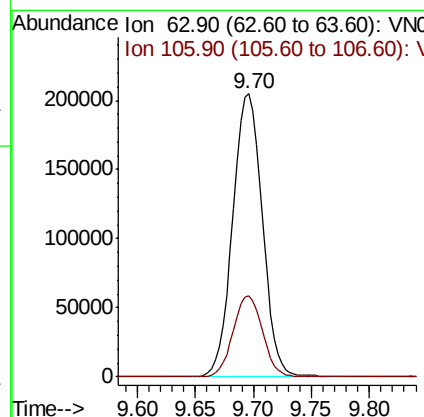
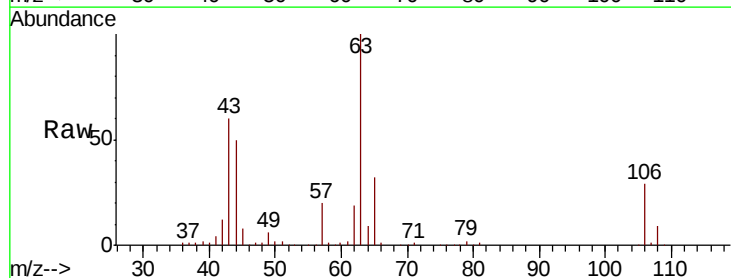
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

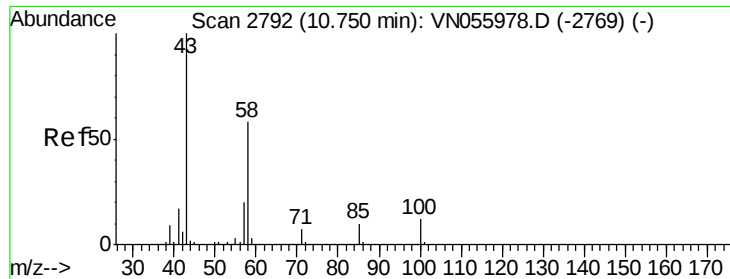
Tot Ion: 76 Resp: 231741
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.347 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Tgt Ion: 63 Resp: 363801
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1

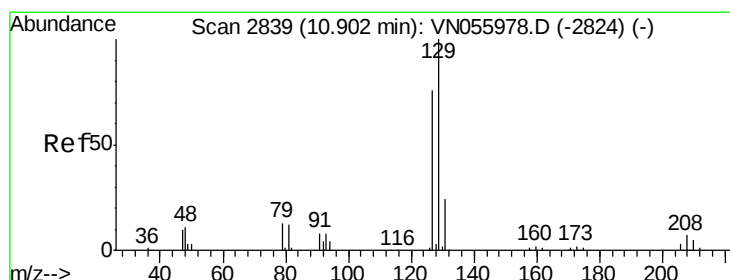
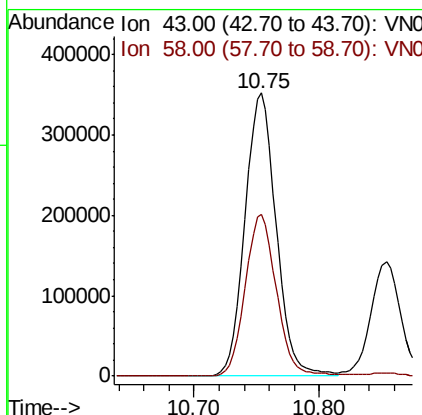
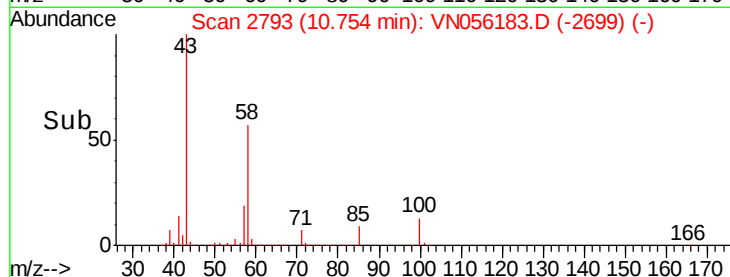
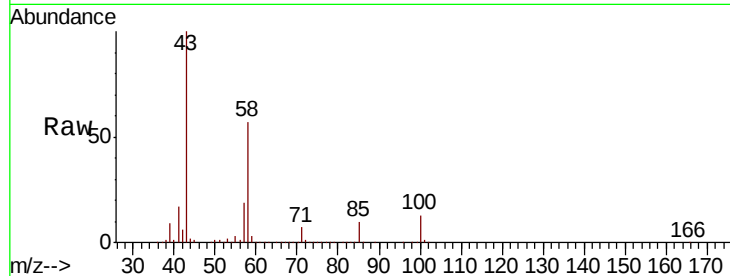




#59
2-Hexanone
Concen: 266.375 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

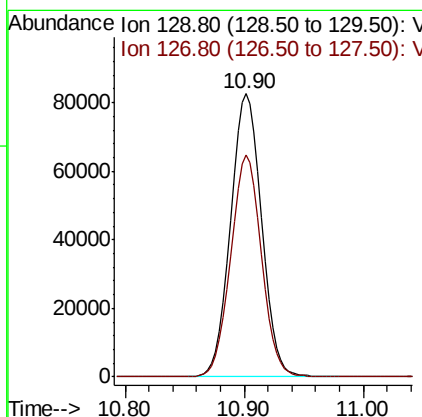
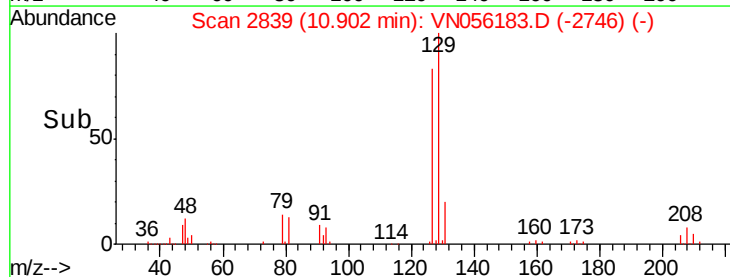
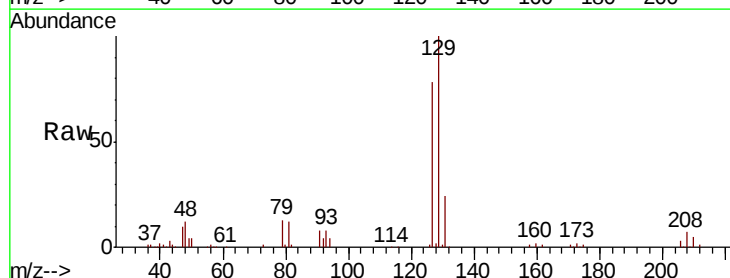
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

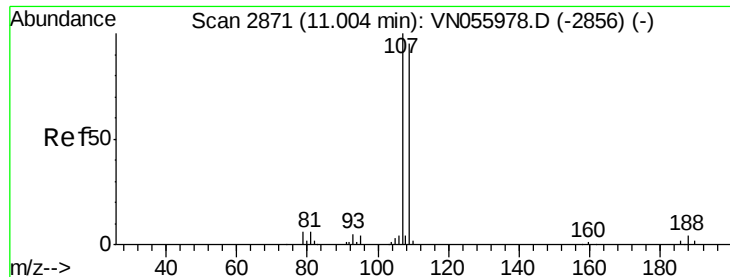
Tot Ion: 43 Resp: 607326
Ion Ratio Lower Upper
43 100
58 57.3 28.2 84.7



#60
Dibromochloromethane
Concen: 51.742 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 129 Resp: 149313
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 55.104 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

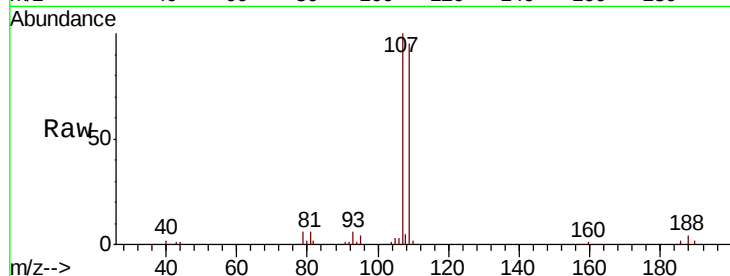
VSTDCCC050

Tot Ion:107 Resp: 147136

Ion Ratio Lower Upper

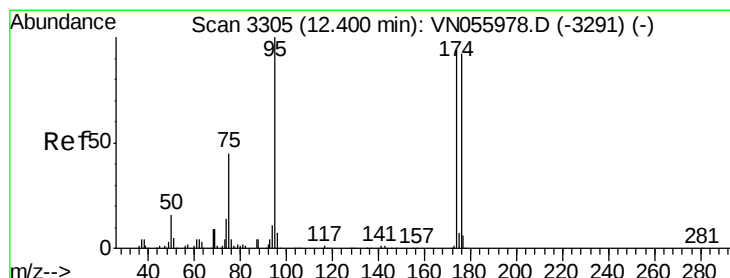
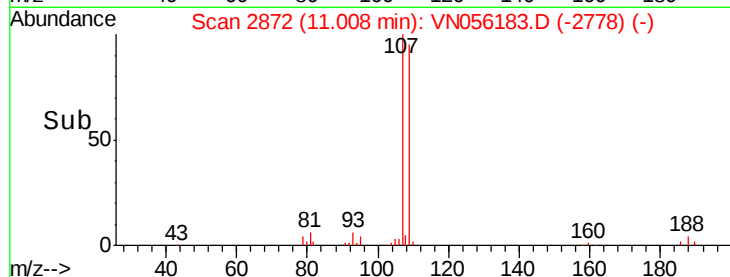
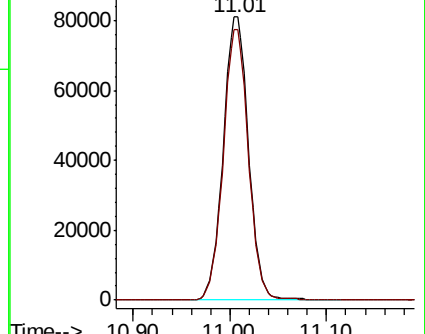
107 100

109 94.7 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.268 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

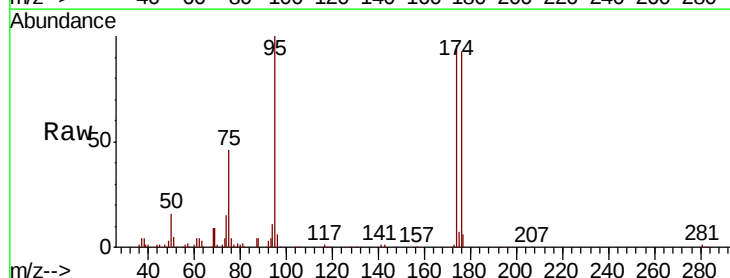
Tgt Ion: 95 Resp: 163758

Ion Ratio Lower Upper

95 100

174 96.9 0.0 191.0

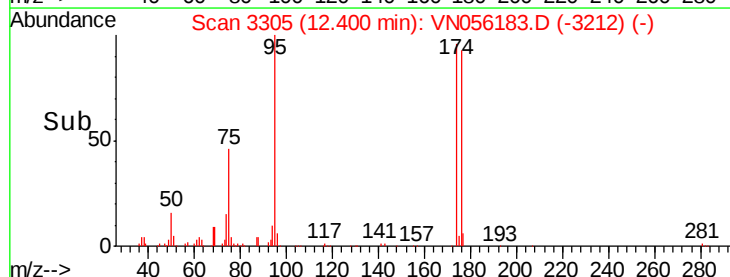
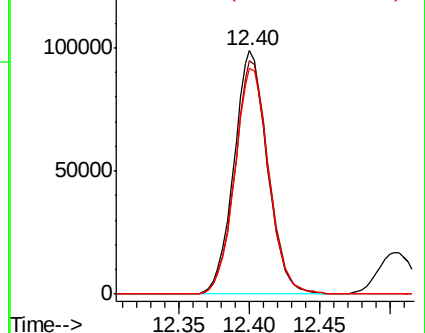
176 94.5 0.0 185.2

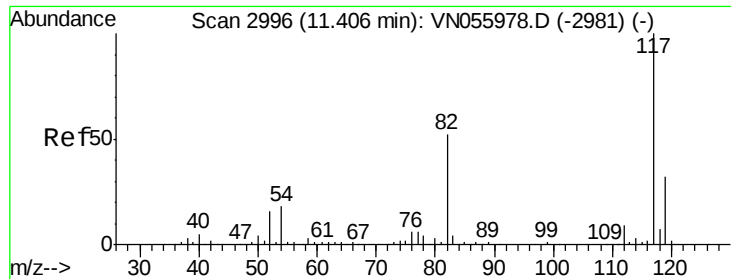


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

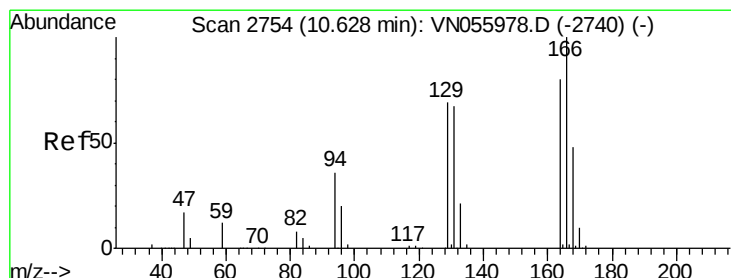
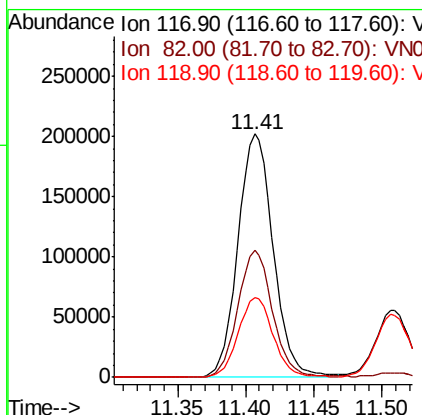
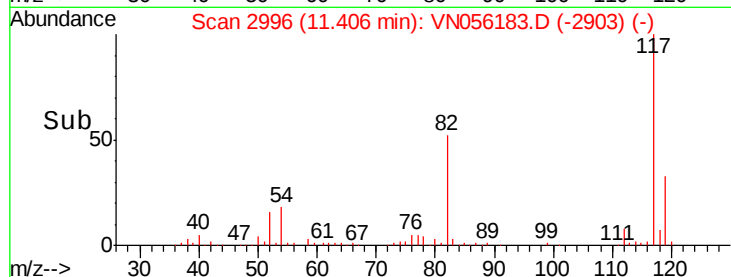
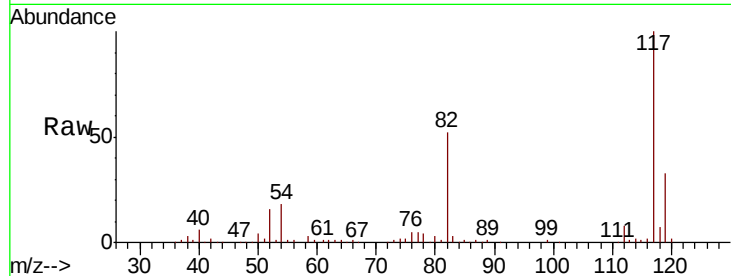




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

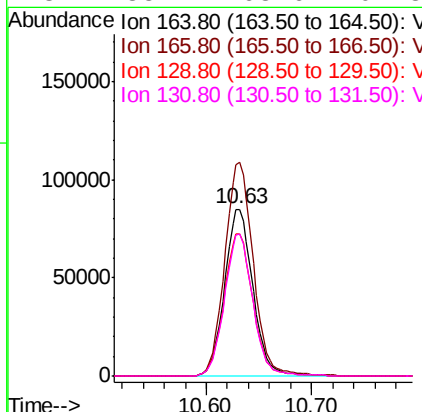
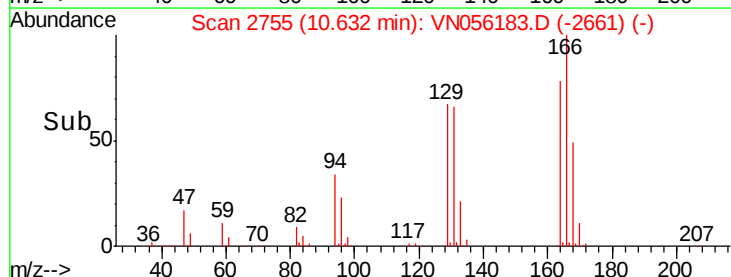
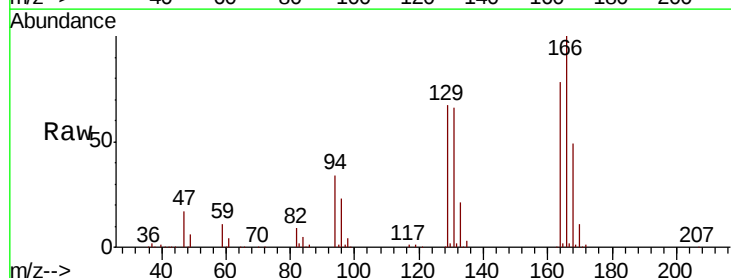
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

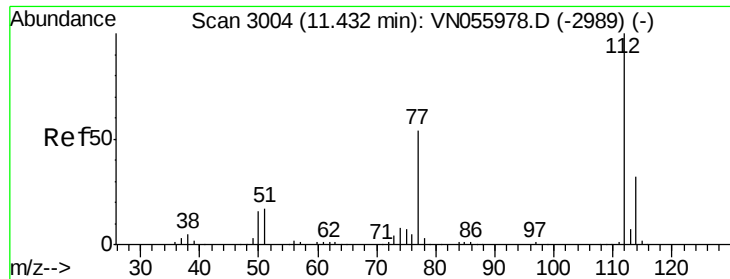
Tot Ion:117 Resp: 362756
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 50.118 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion:164 Resp: 157374
Ion Ratio Lower Upper
164 100
166 128.2 103.0 154.6
129 85.6 70.6 105.8
131 85.1 68.6 102.8

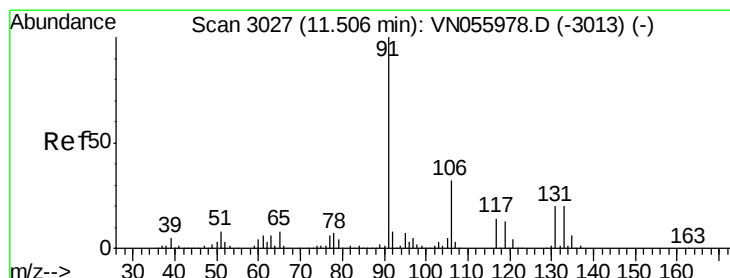
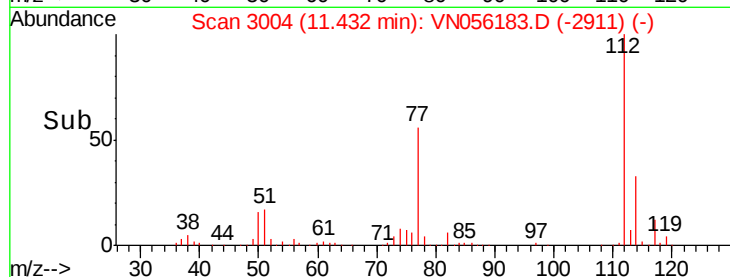
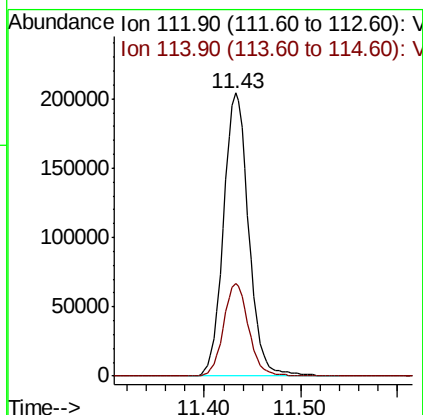
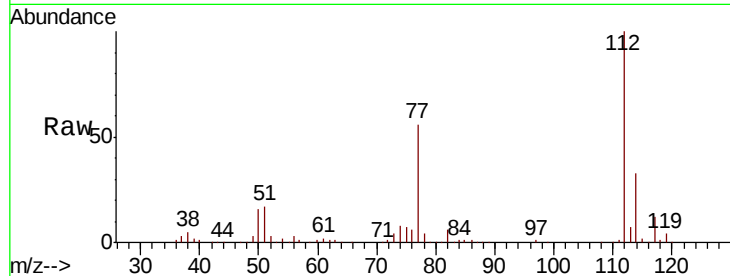




#65
Chlorobenzene
Concen: 51.096 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

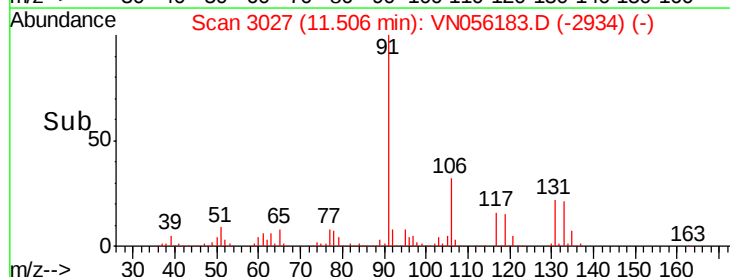
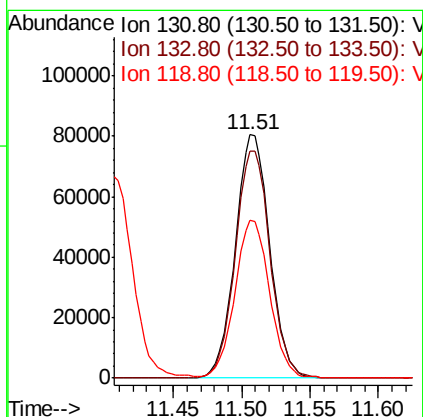
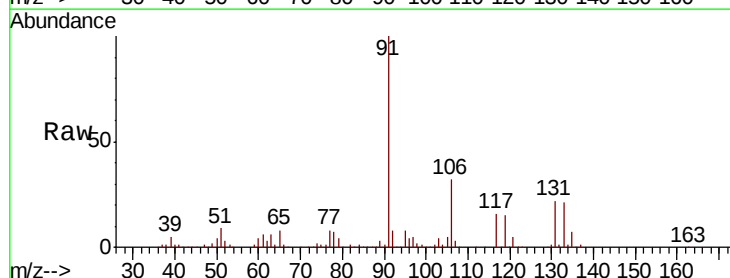
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

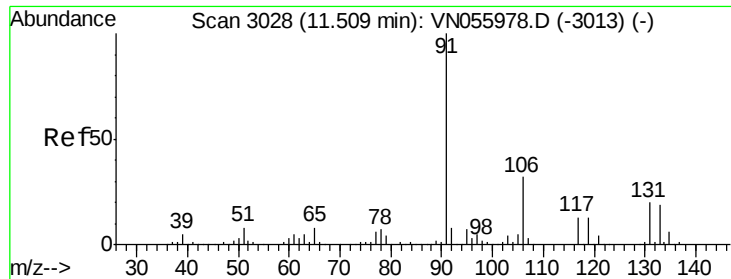
Tot Ion:112 Resp: 368893
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.453 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion:131 Resp: 140727
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.0
119 65.6 33.1 99.5

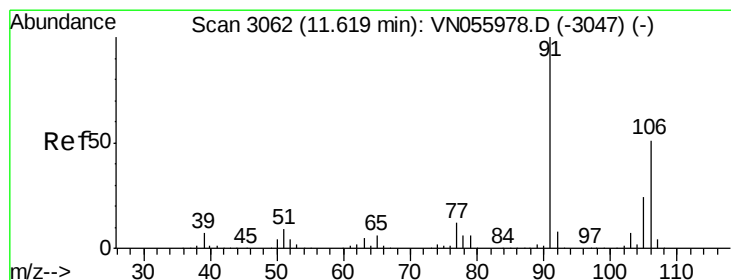
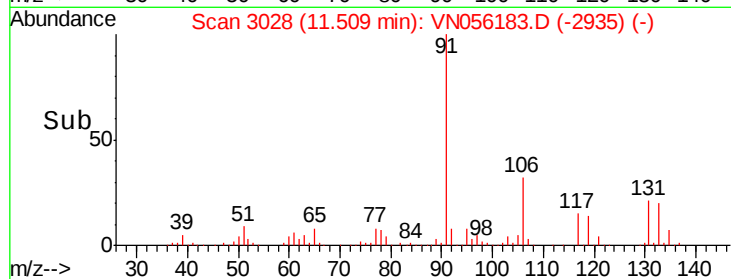
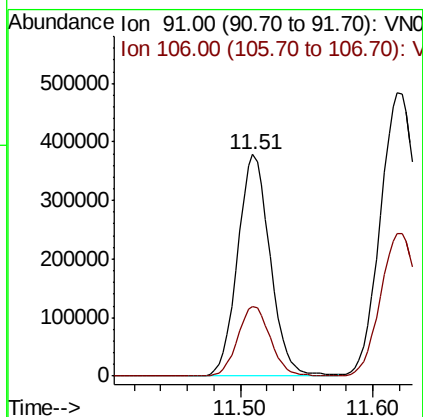
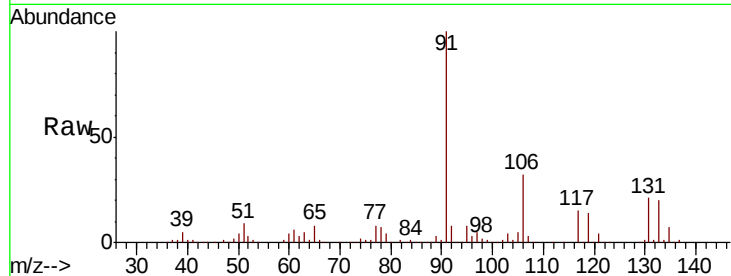




#67
Ethyl Benzene
Concen: 51.361 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

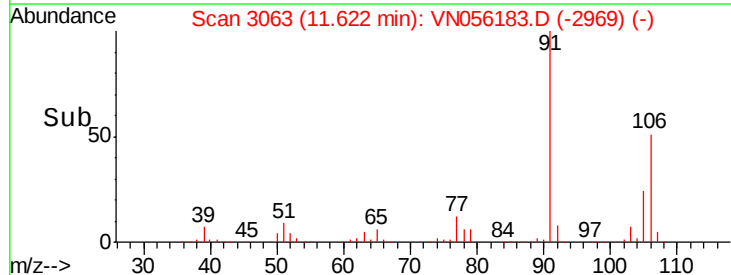
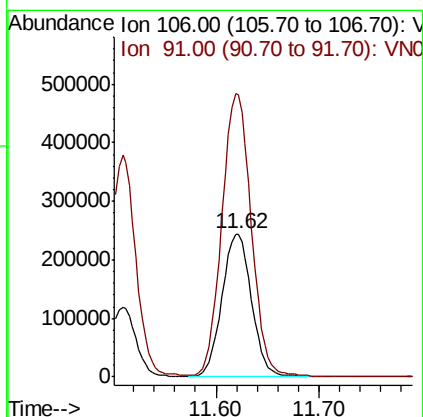
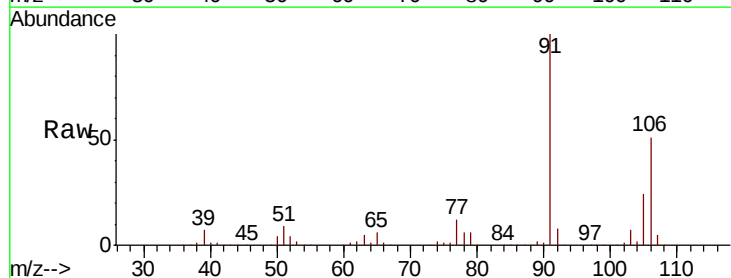
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

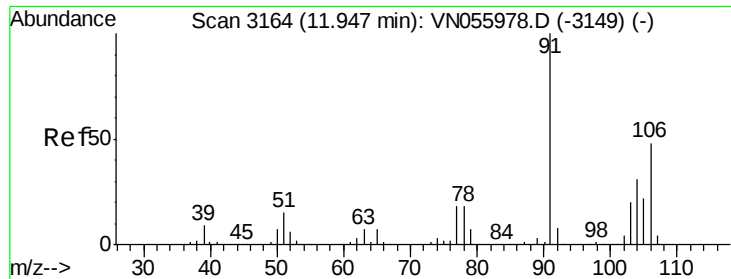
Tot Ion: 91 Resp: 644771
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 101.721 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 106 Resp: 487817
Ion Ratio Lower Upper
106 100
91 197.8 159.3 238.9

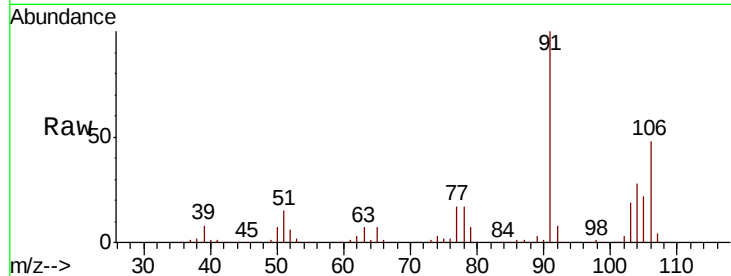




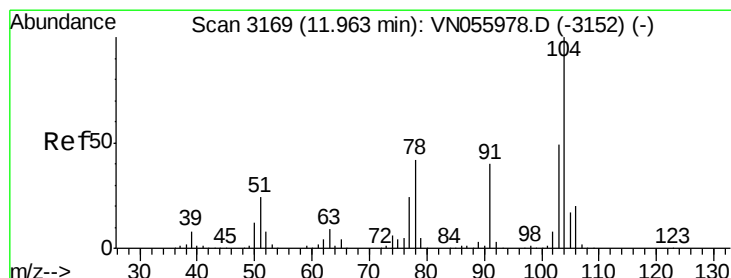
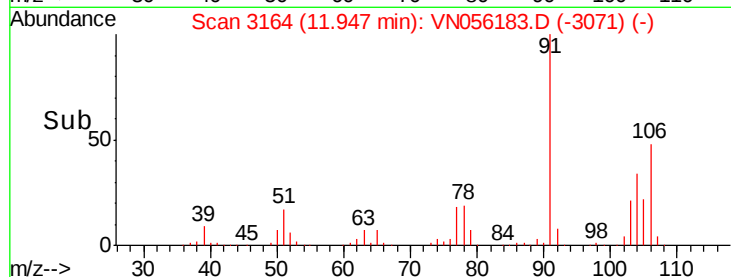
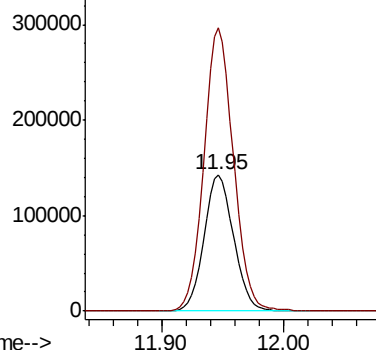
#69
o-Xylene
Concen: 50.799 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 239631
Ion Ratio Lower Upper
106 100
91 207.2 104.7 314.1

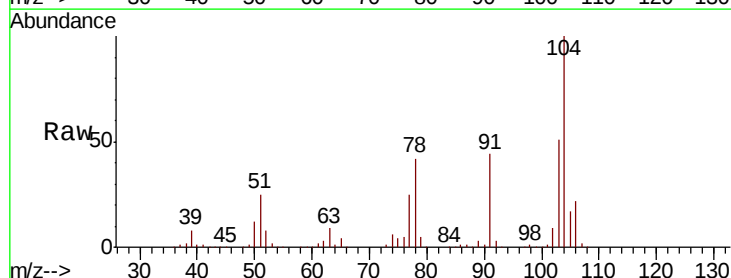


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

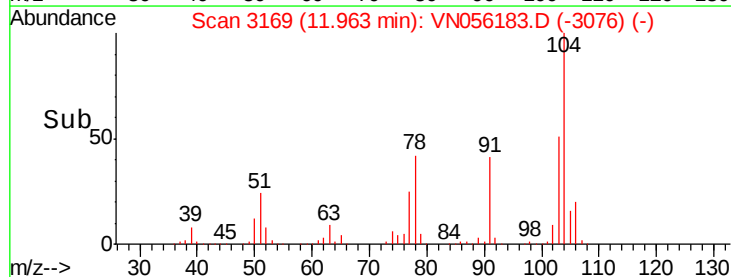
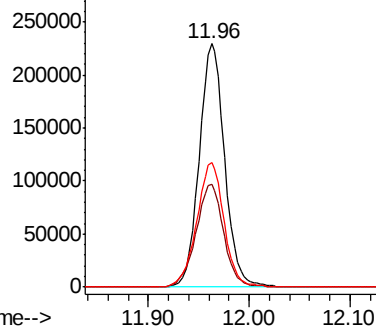


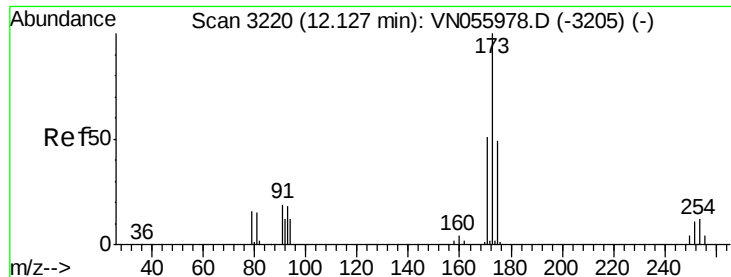
#70
Styrene
Concen: 53.747 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion:104 Resp: 402838
Ion Ratio Lower Upper
104 100
78 46.3 37.8 56.6
103 55.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

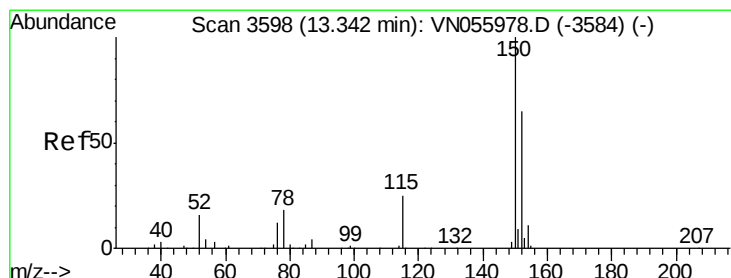
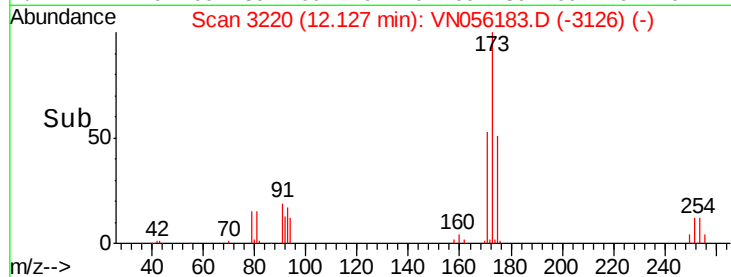
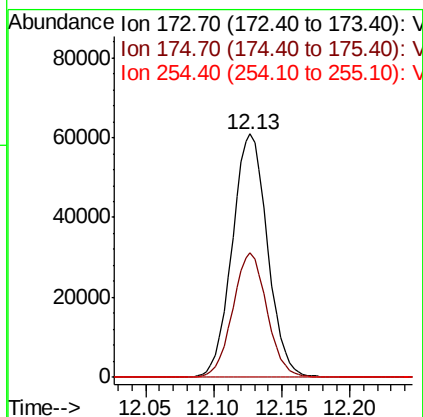
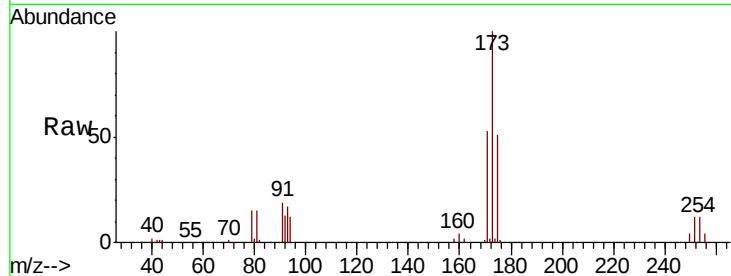




#71
Bromoform
Concen: 52.082 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

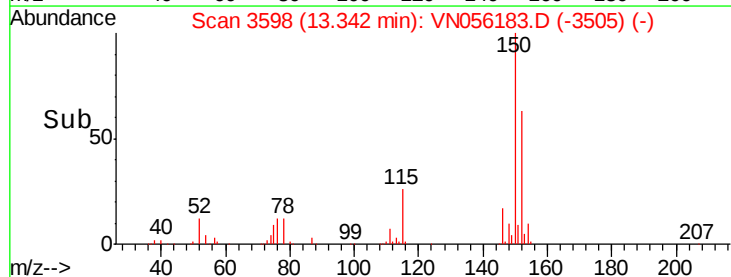
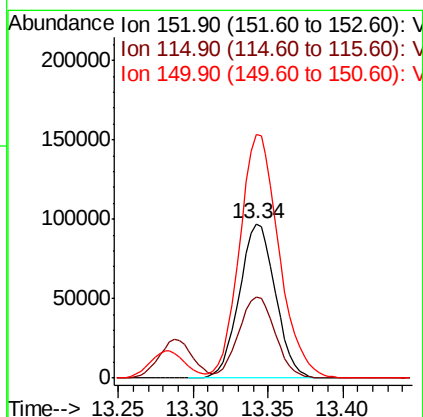
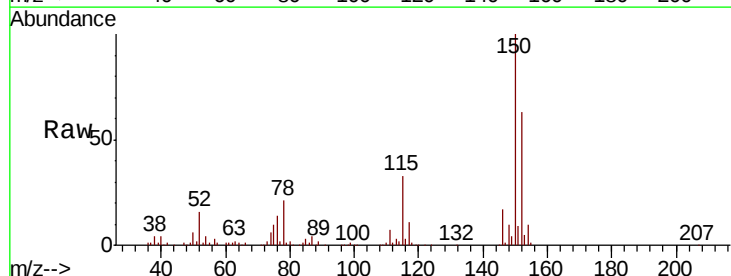
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

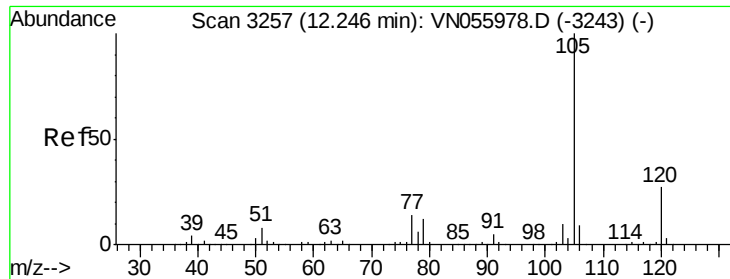
Tot Ion:173 Resp: 109254
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion:152 Resp: 162432
Ion Ratio Lower Upper
152 100
115 53.5 27.0 81.0
150 173.0 0.0 343.2





#73

Isopropylbenzene

Concen: 54.985 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

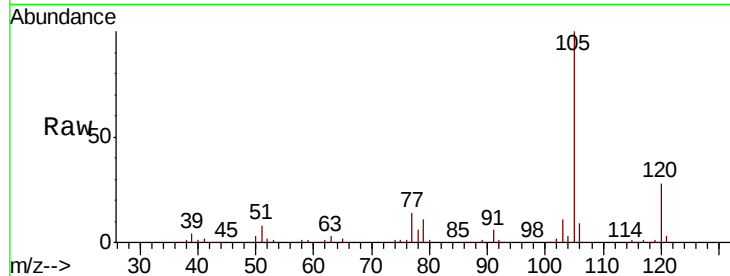
VSTDCCC050

Tot Ion:105 Resp: 633836

Ion Ratio Lower Upper

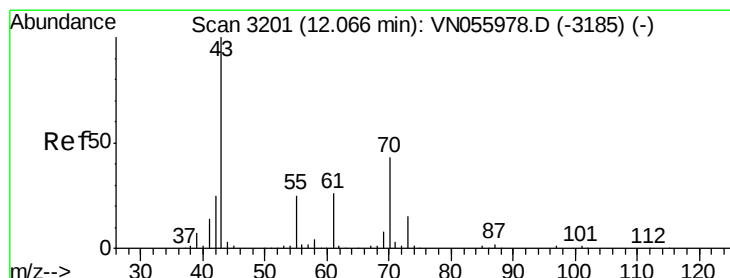
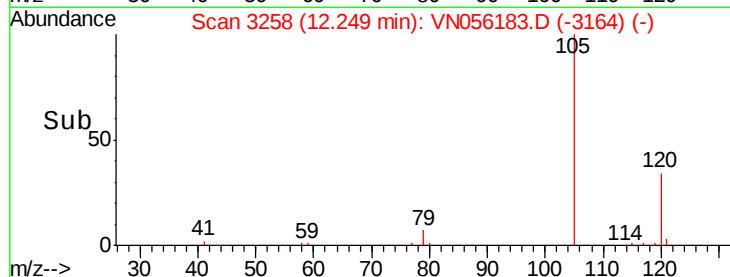
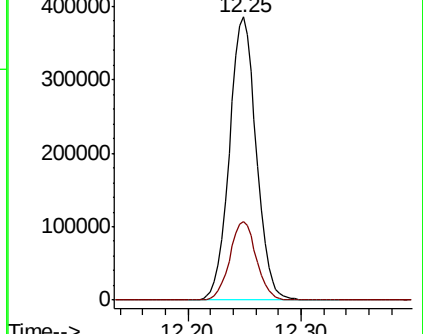
105 100

120 27.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.316 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Tgt Ion: 43 Resp: 222194

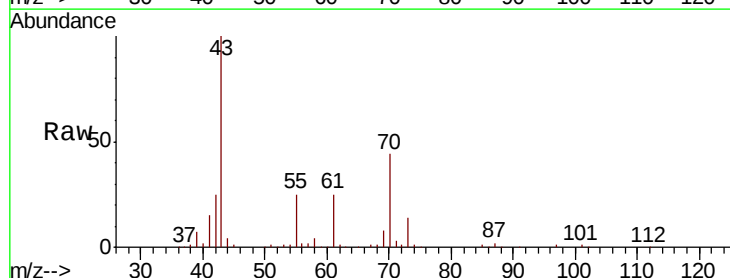
Ion Ratio Lower Upper

43 100

70 43.9 34.0 51.0

55 25.6 18.6 28.0

61 25.1 20.0 30.0

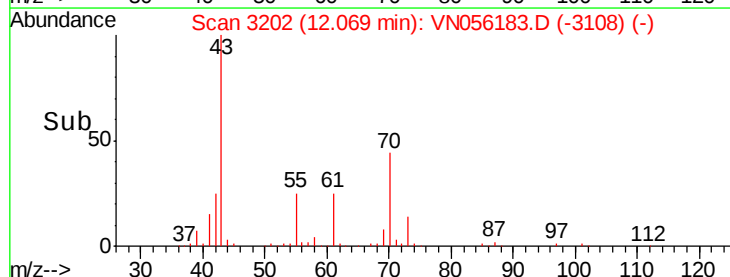
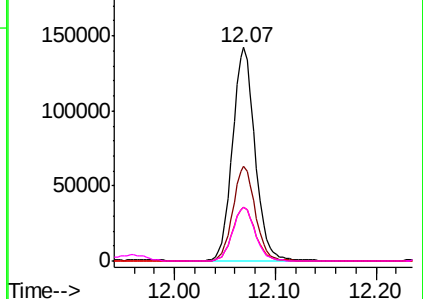


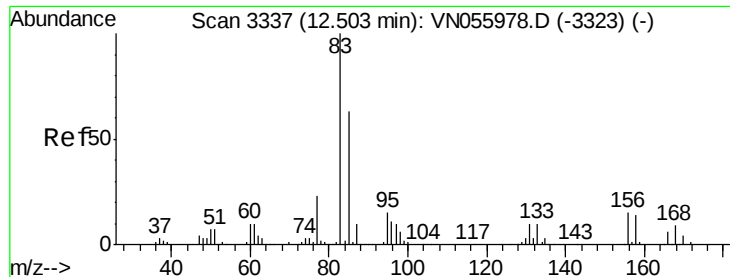
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.979 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

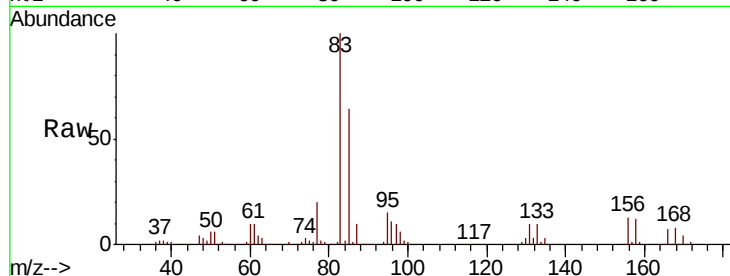
Tot Ion: 83 Resp: 192228

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

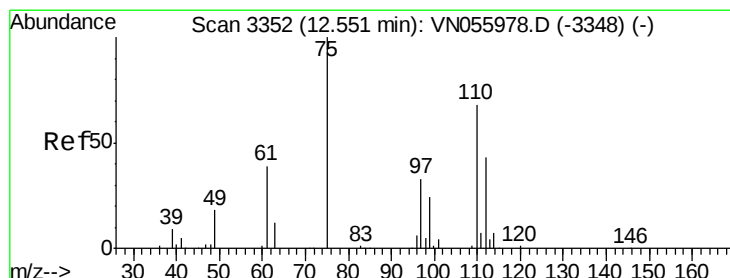
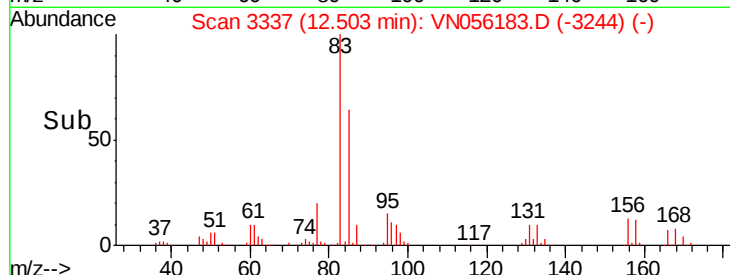
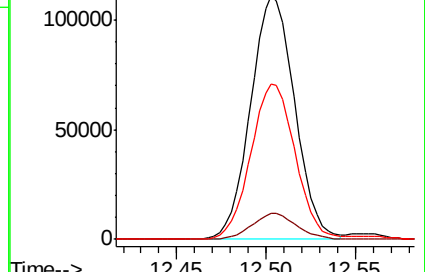
85 64.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 73.537 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056183.D

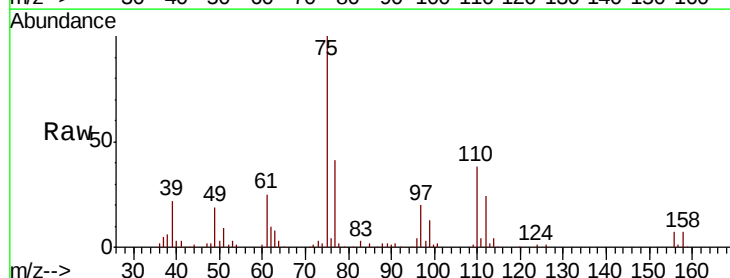
Acq: 10 Jun 2019 21:38

Tgt Ion: 75 Resp: 219788

Ion Ratio Lower Upper

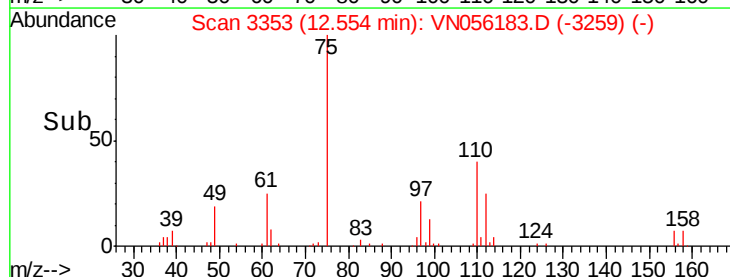
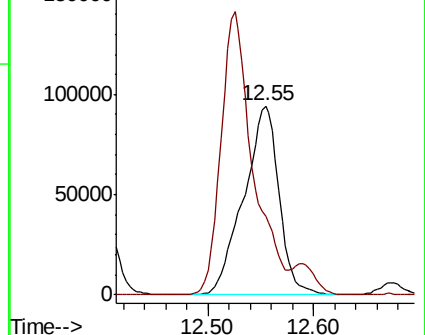
75 100

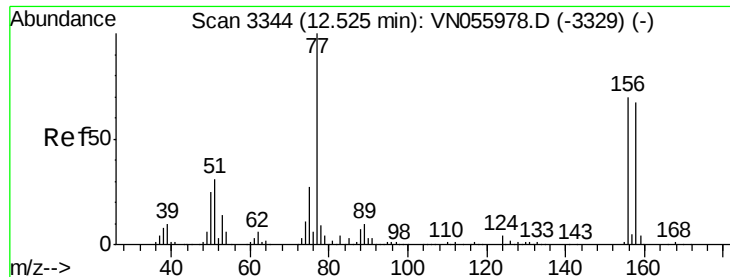
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)

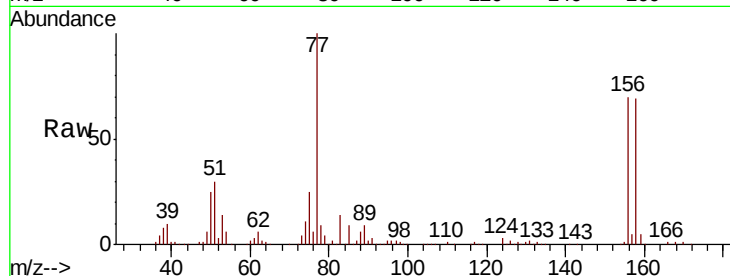




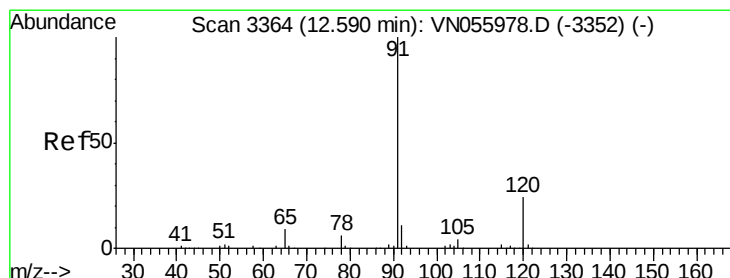
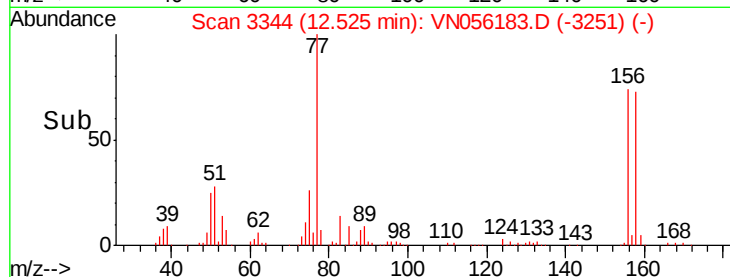
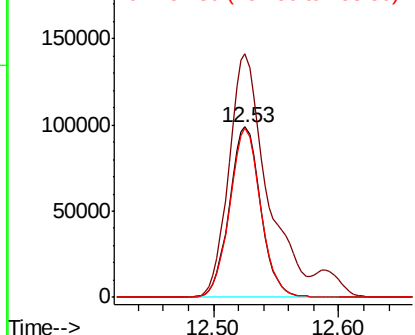
#77
Bromobenzene
Concen: 49.172 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 171002
Ion Ratio Lower Upper
156 100
77 174.3 90.8 272.5
158 98.5 49.3 147.8

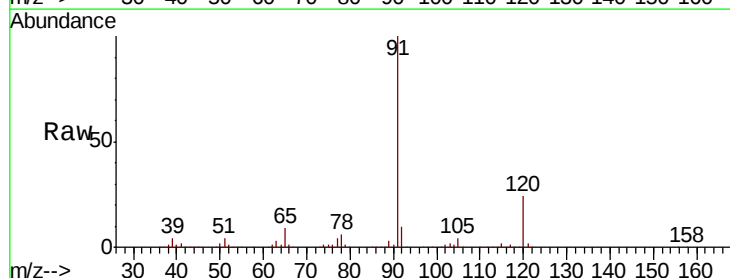


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

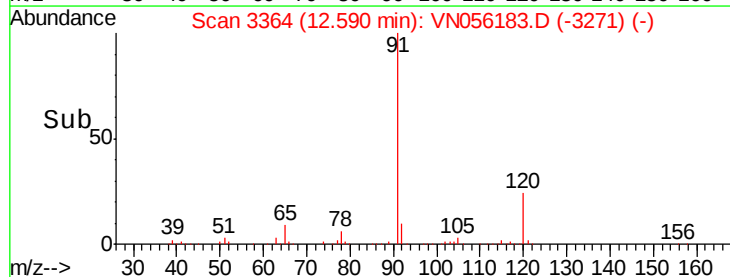
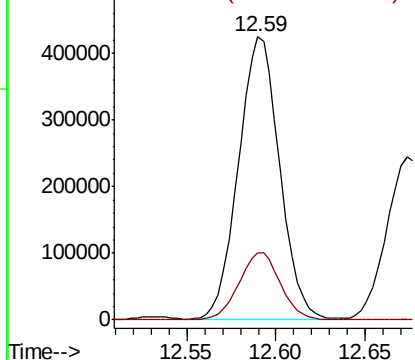


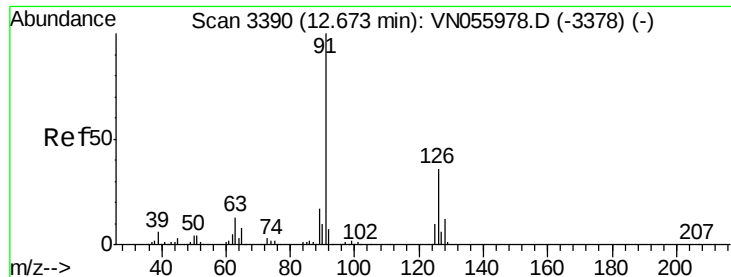
#78
n-propylbenzene
Concen: 49.537 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 91 Resp: 680719
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.977 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

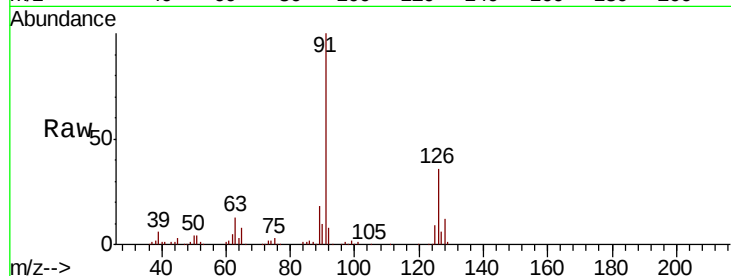
VSTDCCC050

Tot Ion: 91 Resp: 410008

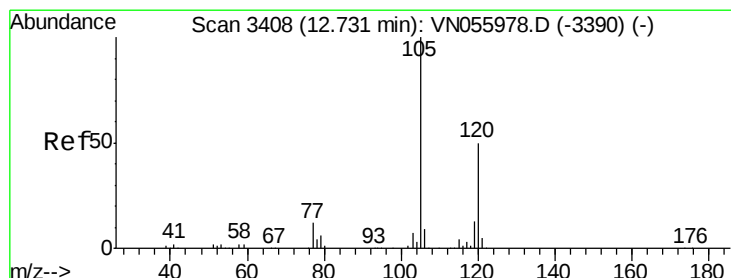
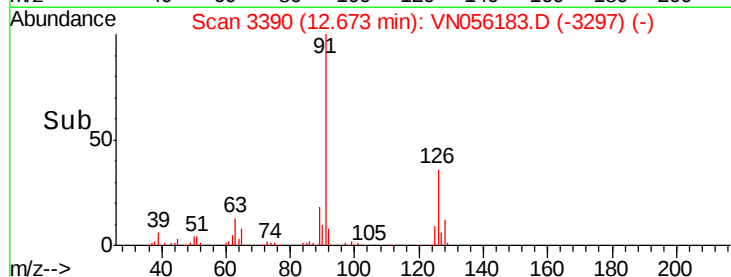
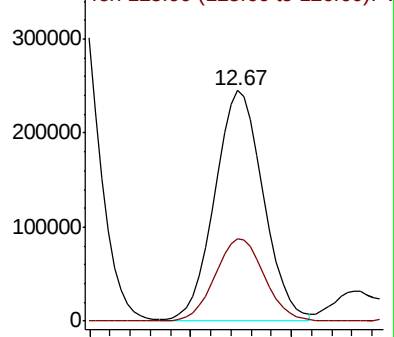
Ion Ratio Lower Upper

91 100

126 36.6 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.409 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056183.D

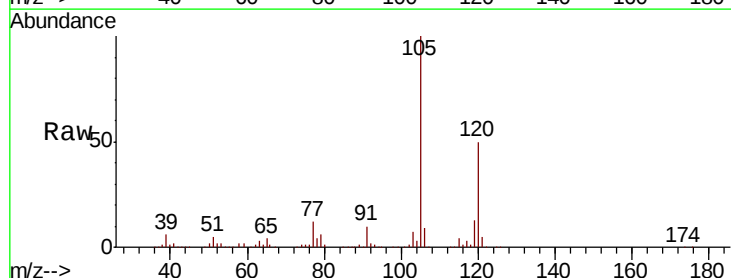
Acq: 10 Jun 2019 21:38

Tgt Ion:105 Resp: 517768

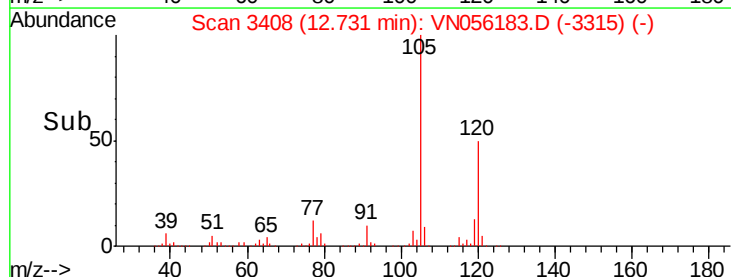
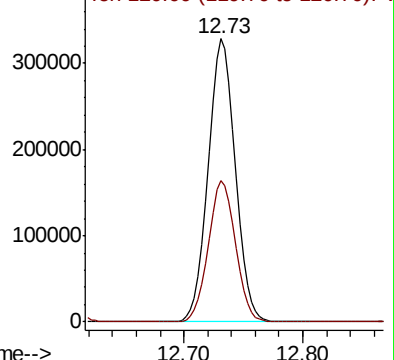
Ion Ratio Lower Upper

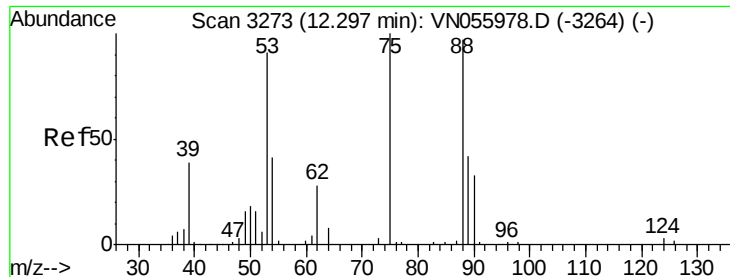
105 100

120 50.1 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.701 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

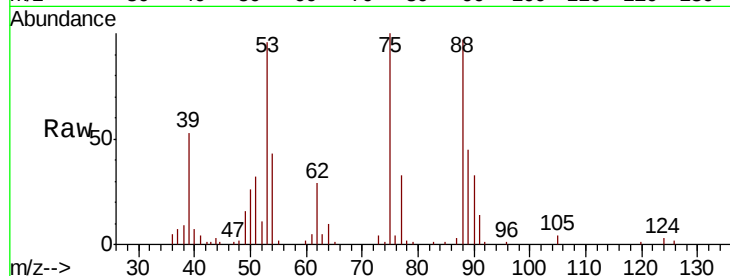
Tot Ion: 75 Resp: 46401

Ion Ratio Lower Upper

75 100

53 97.2 68.1 102.1

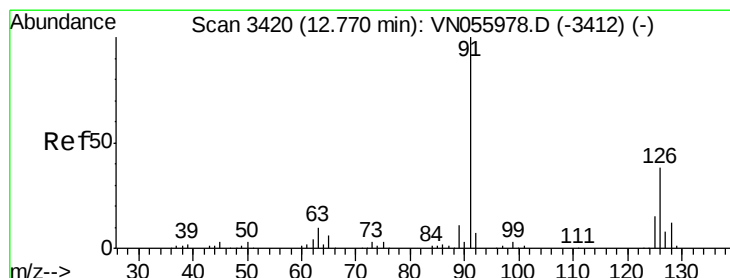
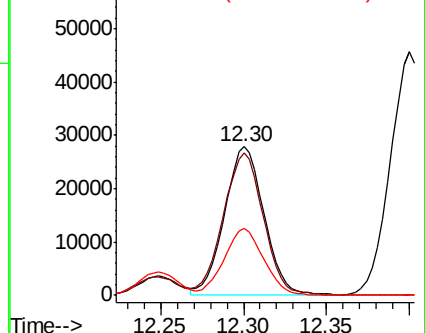
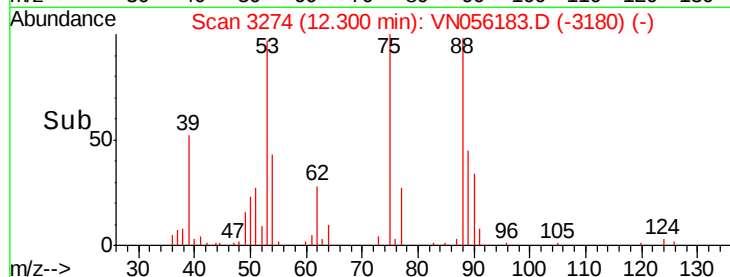
89 45.2 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.520 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056183.D

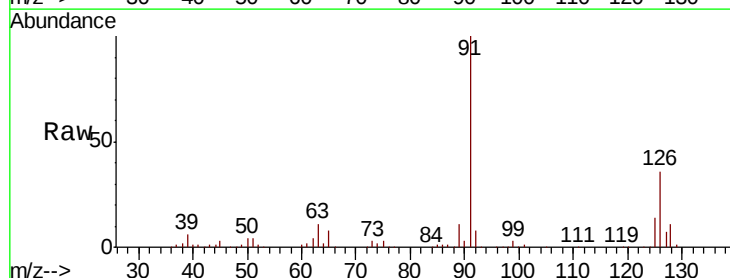
Acq: 10 Jun 2019 21:38

Tgt Ion: 91 Resp: 398118

Ion Ratio Lower Upper

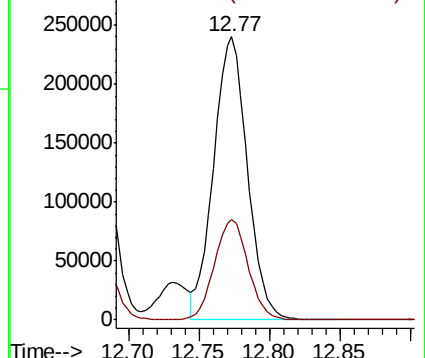
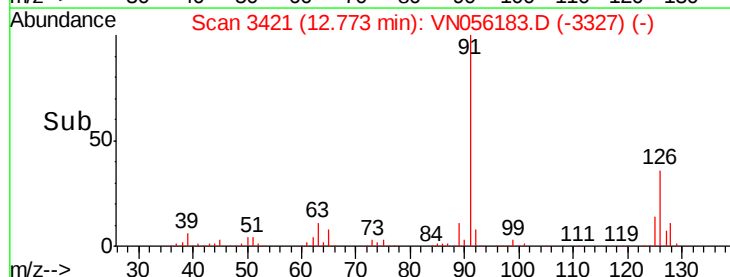
91 100

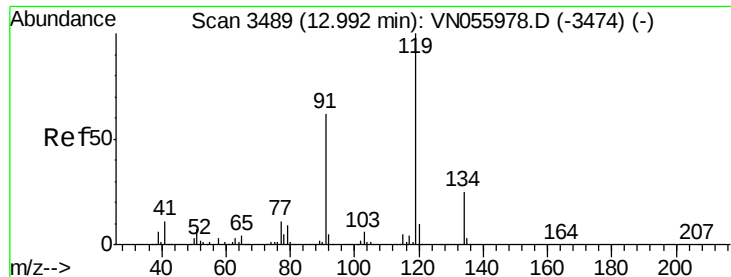
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

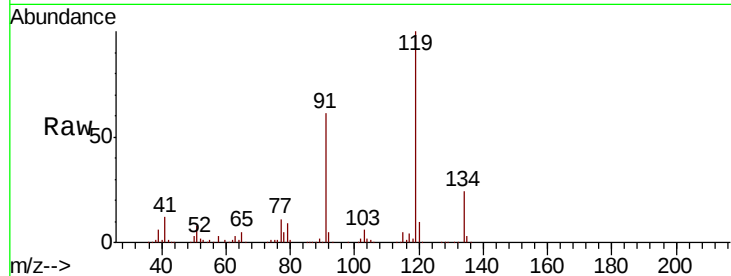




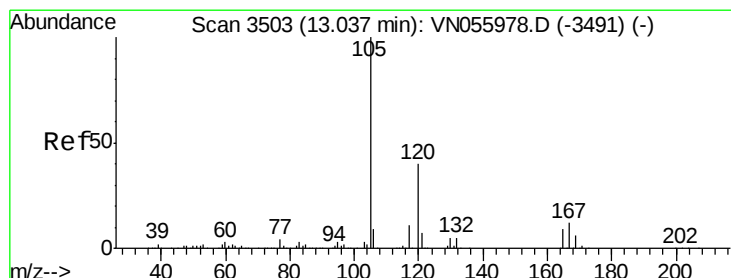
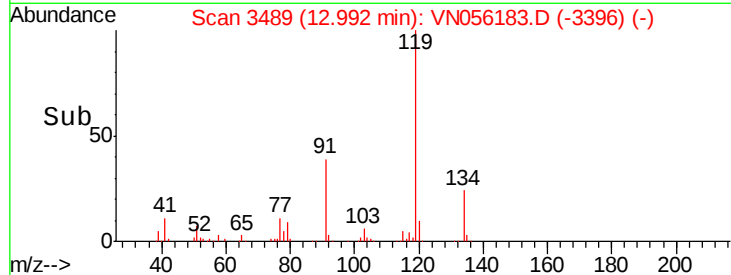
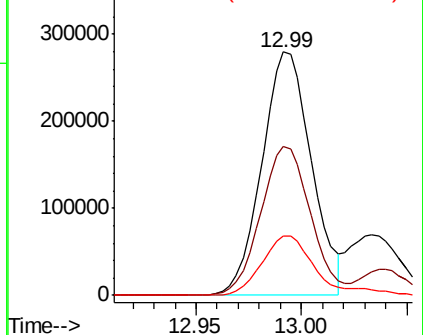
#83
tert-Butylbenzene
Concen: 54.358 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 458600
Ion Ratio Lower Upper
119 100
91 61.3 30.9 92.8
134 26.6 13.3 39.8

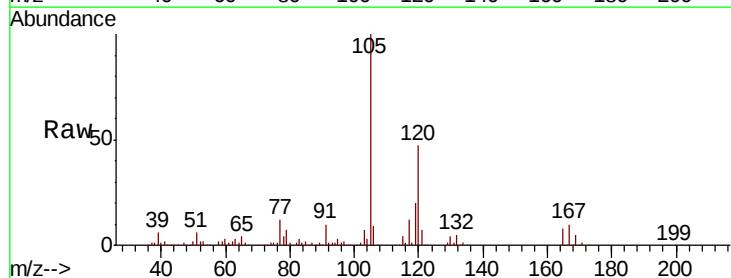


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

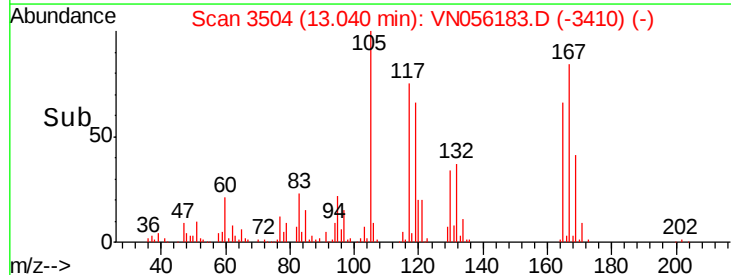
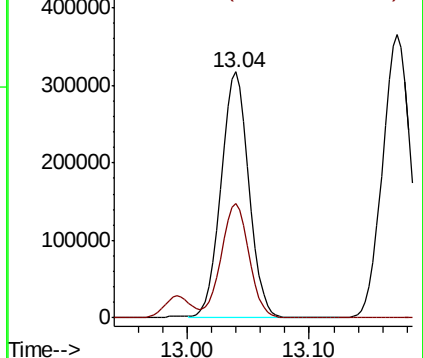


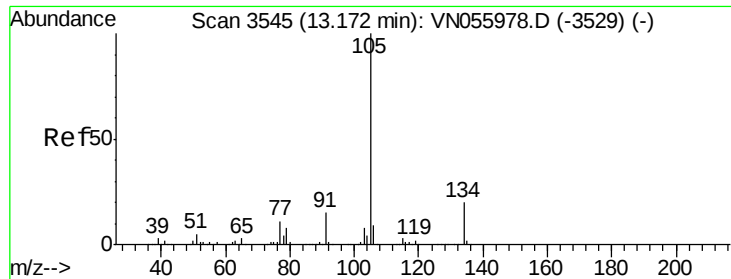
#84
1,2,4-Trimethylbenzene
Concen: 49.159 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Tgt Ion:105 Resp: 509120
Ion Ratio Lower Upper
105 100
120 46.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.461 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

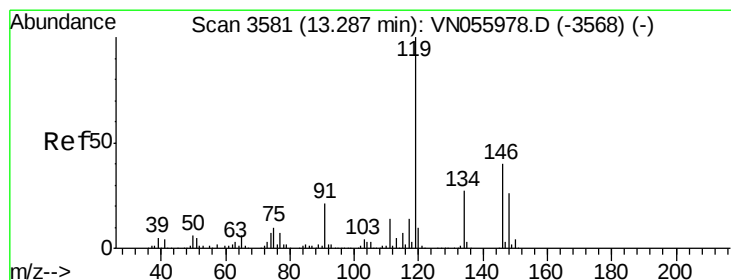
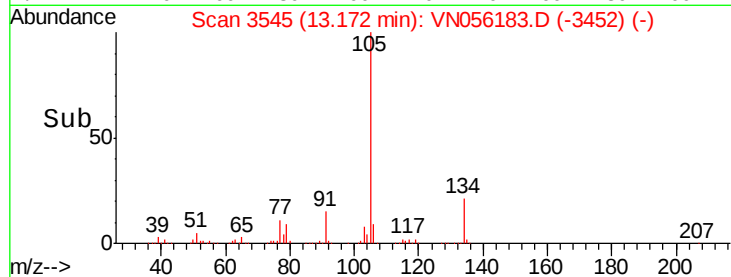
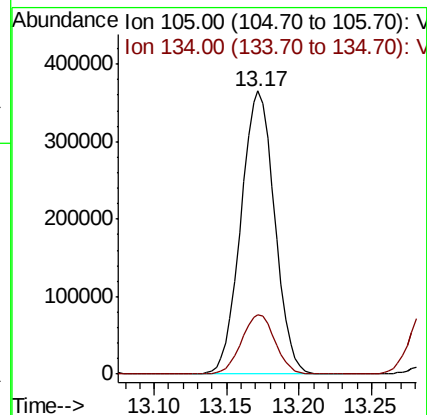
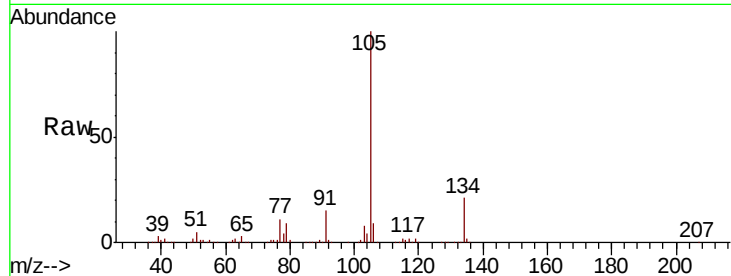
VSTDCCC050

Tot Ion:105 Resp: 589741

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2



#86

p-Isopropyltoluene

Concen: 48.840 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

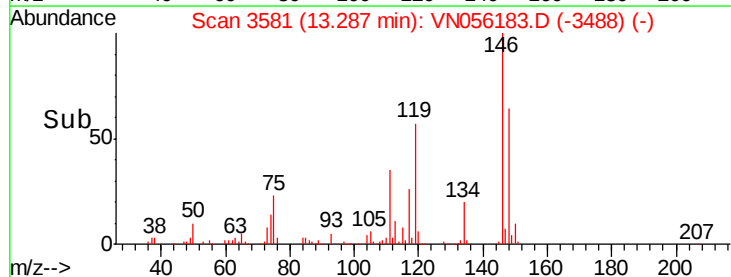
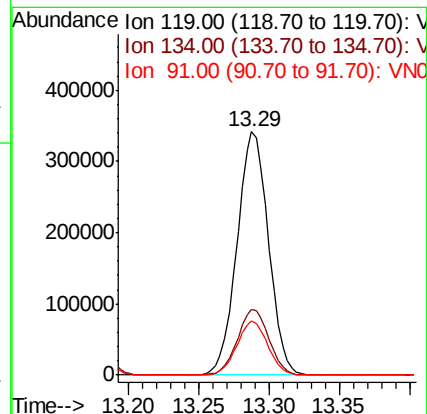
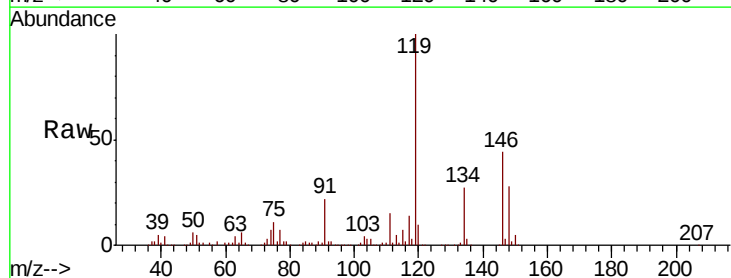
Tgt Ion:119 Resp: 531935

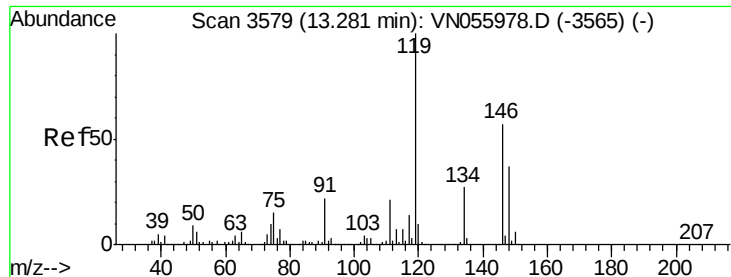
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 22.0 10.9 32.9

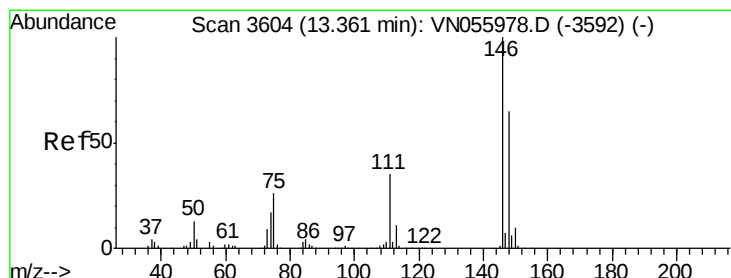
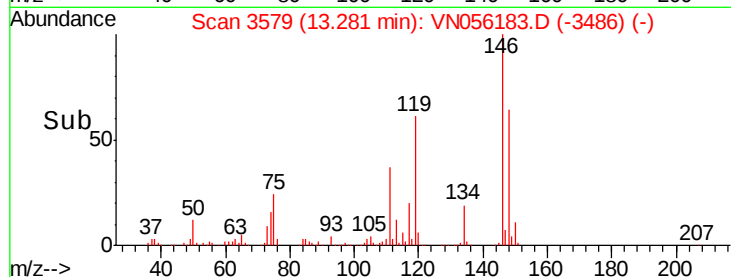
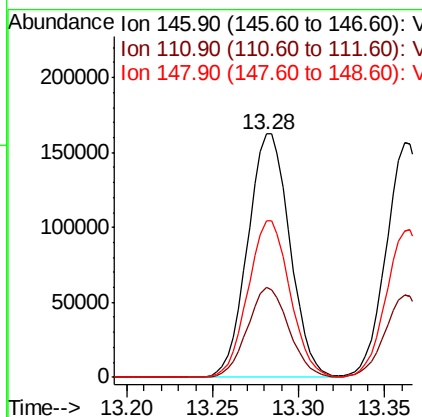
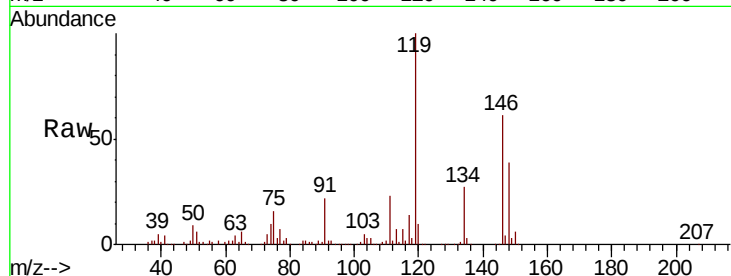




#87
 1,3-Dichlorobenzene
 Concen: 51.302 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

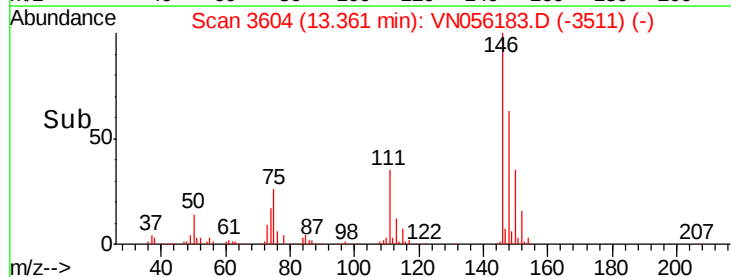
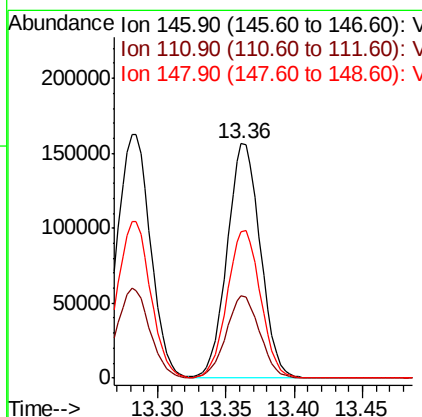
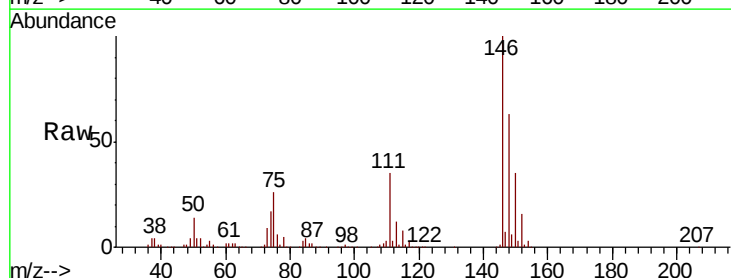
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

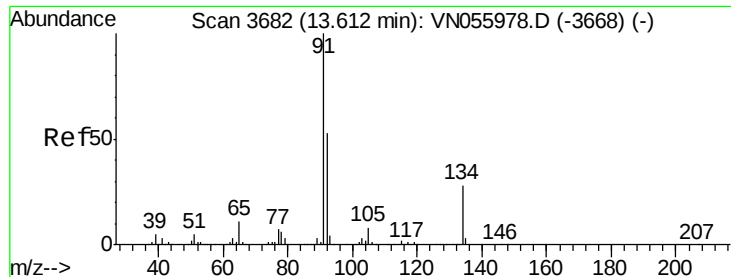
Tot Ion:146 Resp: 276127
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.5 55.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 51.191 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Tgt Ion:146 Resp: 265046
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.1 54.4
 148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 49.143 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

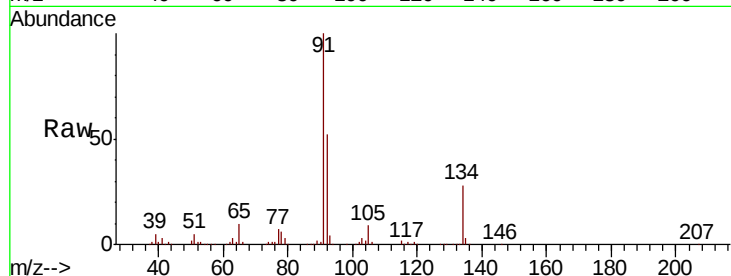
Tot Ion: 91 Resp: 396492

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.0

134 27.8 13.9 41.7

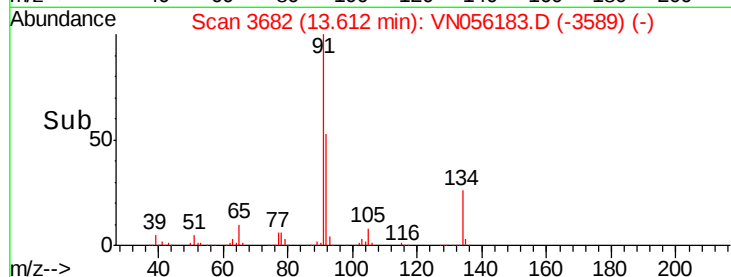


Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)

Time-->

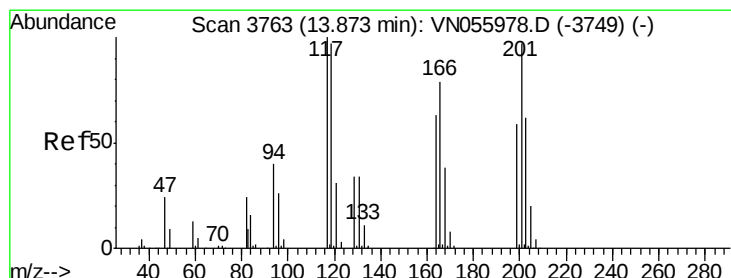


Abundance Ion 91.00 (90.70 to 91.70): VN056183.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN056183.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN056183.D (-3589) (-)

Time-->



#90

Hexachloroethane

Concen: 53.957 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056183.D

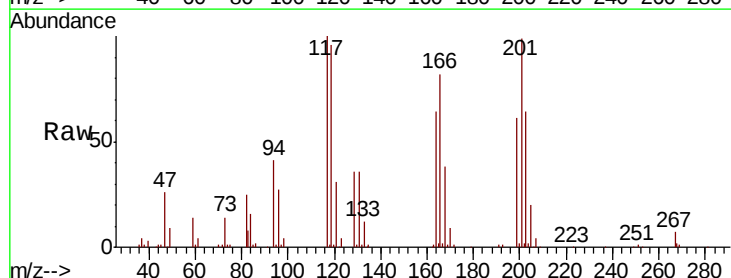
Acq: 10 Jun 2019 21:38

Tgt Ion: 117 Resp: 88625

Ion Ratio Lower Upper

117 100

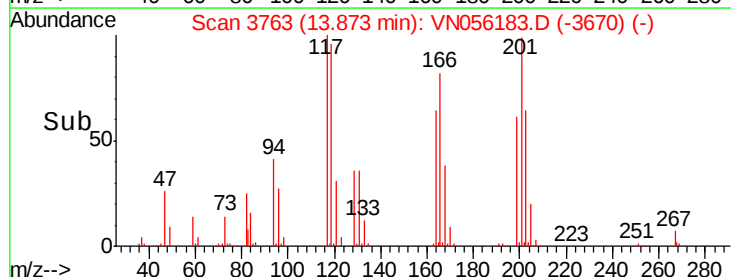
201 99.6 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)

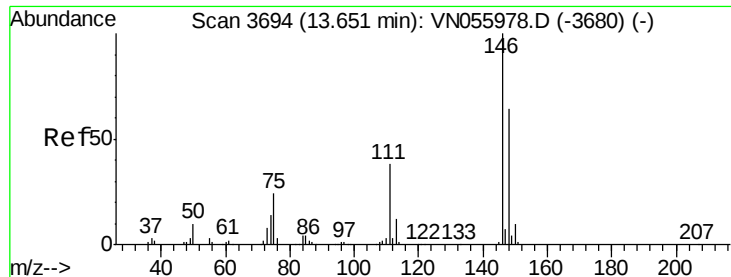
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN056183.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN056183.D (-3670) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 50.872 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

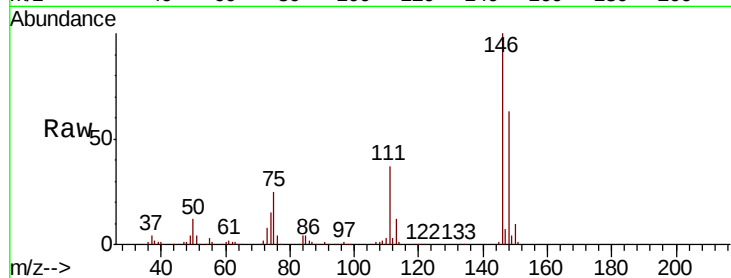
Tot Ion:146 Resp: 276446

Ion Ratio Lower Upper

146 100

111 37.2 19.1 57.5

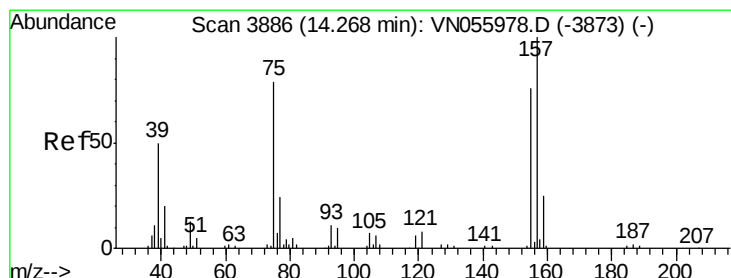
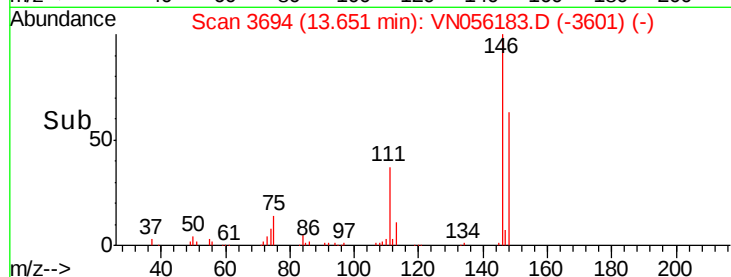
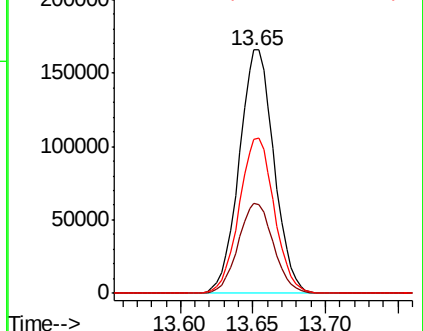
148 64.1 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.472 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

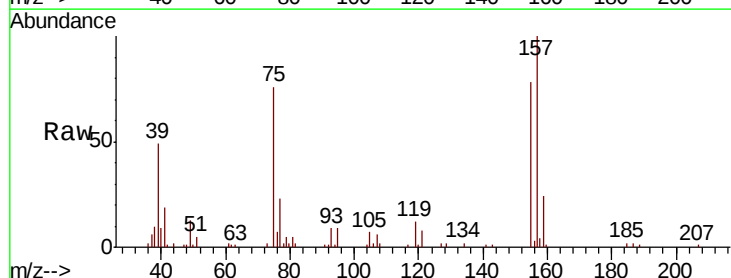
Tgt Ion: 75 Resp: 31536

Ion Ratio Lower Upper

75 100

155 105.2 50.0 150.1

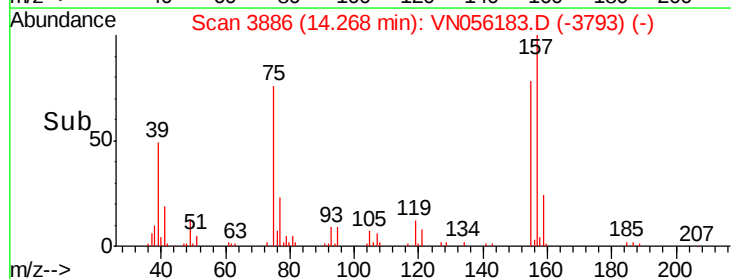
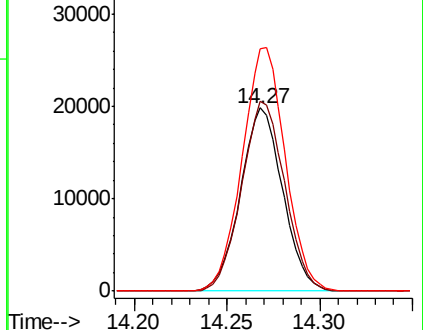
157 135.7 64.8 194.3

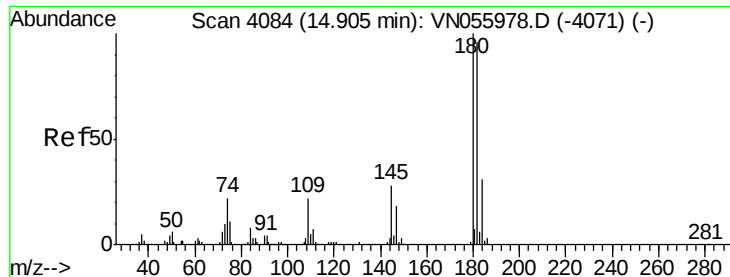


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

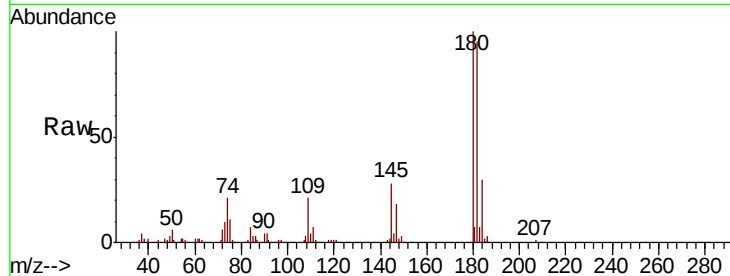




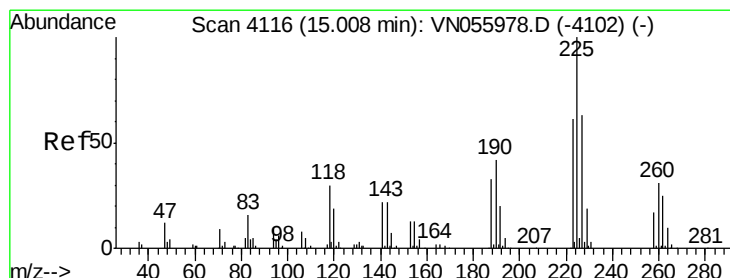
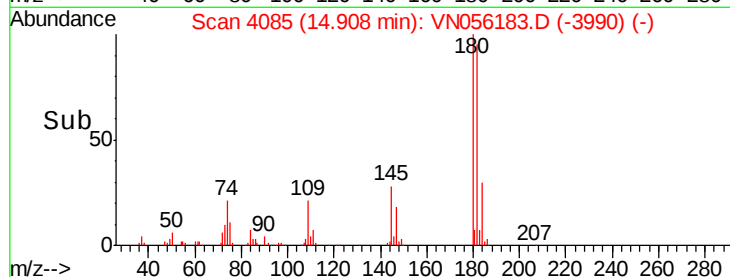
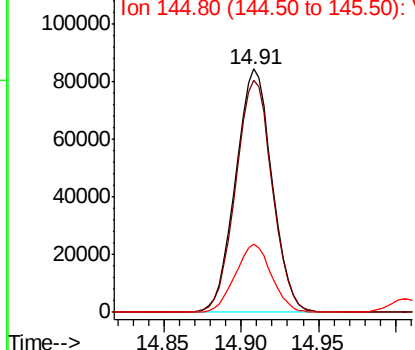
#93
 1,2,4-Trichlorobenzene
 Concen: 46.433 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 138049
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.3 144.9
 145 27.8 14.0 41.9

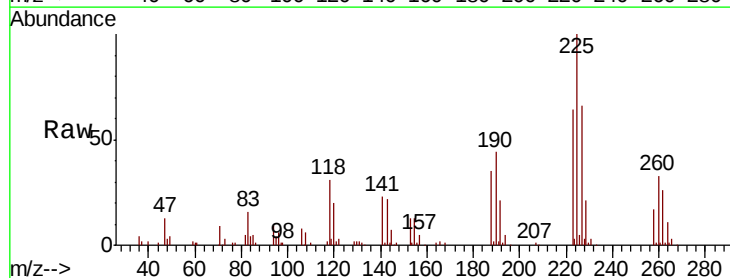


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

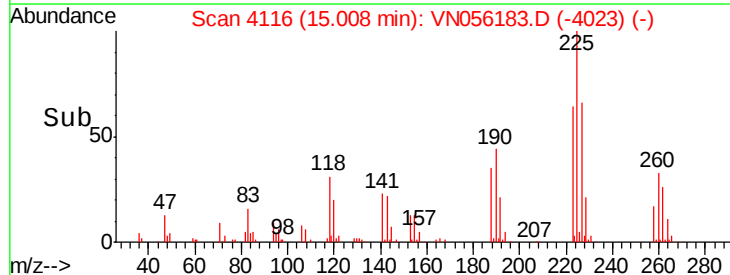
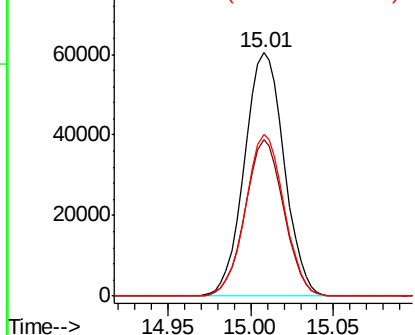


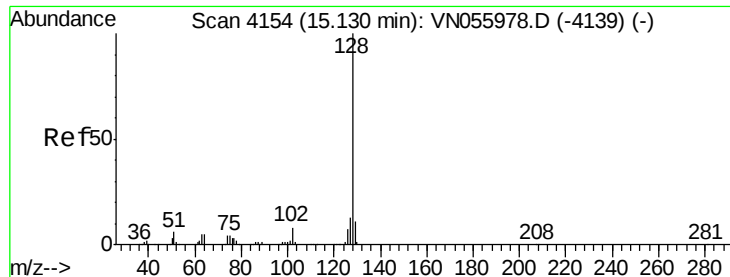
#94
 Hexachlorobutadiene
 Concen: 54.085 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Tgt Ion:225 Resp: 100486
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.7
 227 64.8 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.635 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

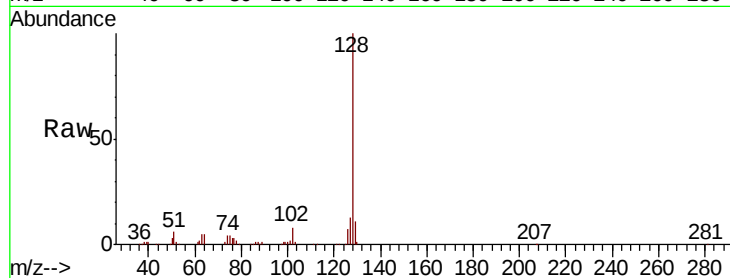
Tot Ion:128 Resp: 376970

Ion Ratio Lower Upper

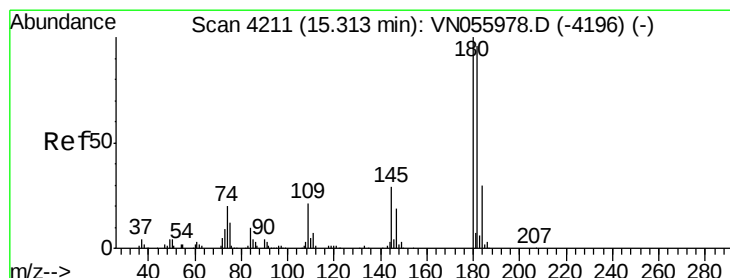
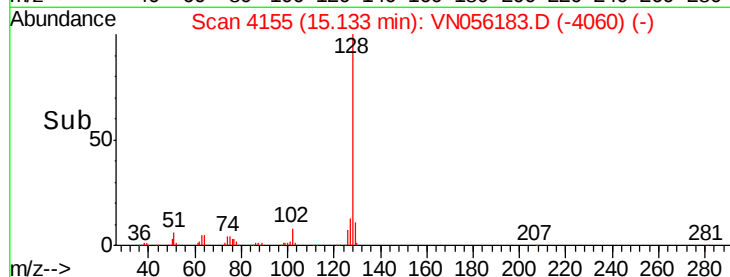
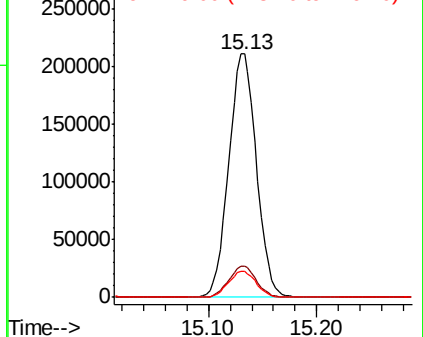
128 100

127 12.7 10.3 15.5

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.668 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

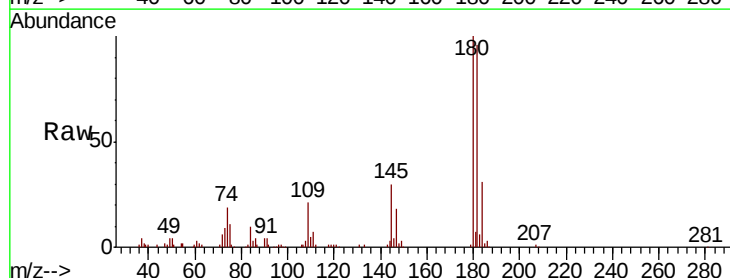
Tgt Ion:180 Resp: 154760

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.7

145 29.9 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

