

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 :

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

33) 1,2-Dichloroethane-d4	8.03	65	144618	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
35) Dibromofluoromethane	7.59	113	134550	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
50) Toluene-d8	10.09	98	492265	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	163758	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						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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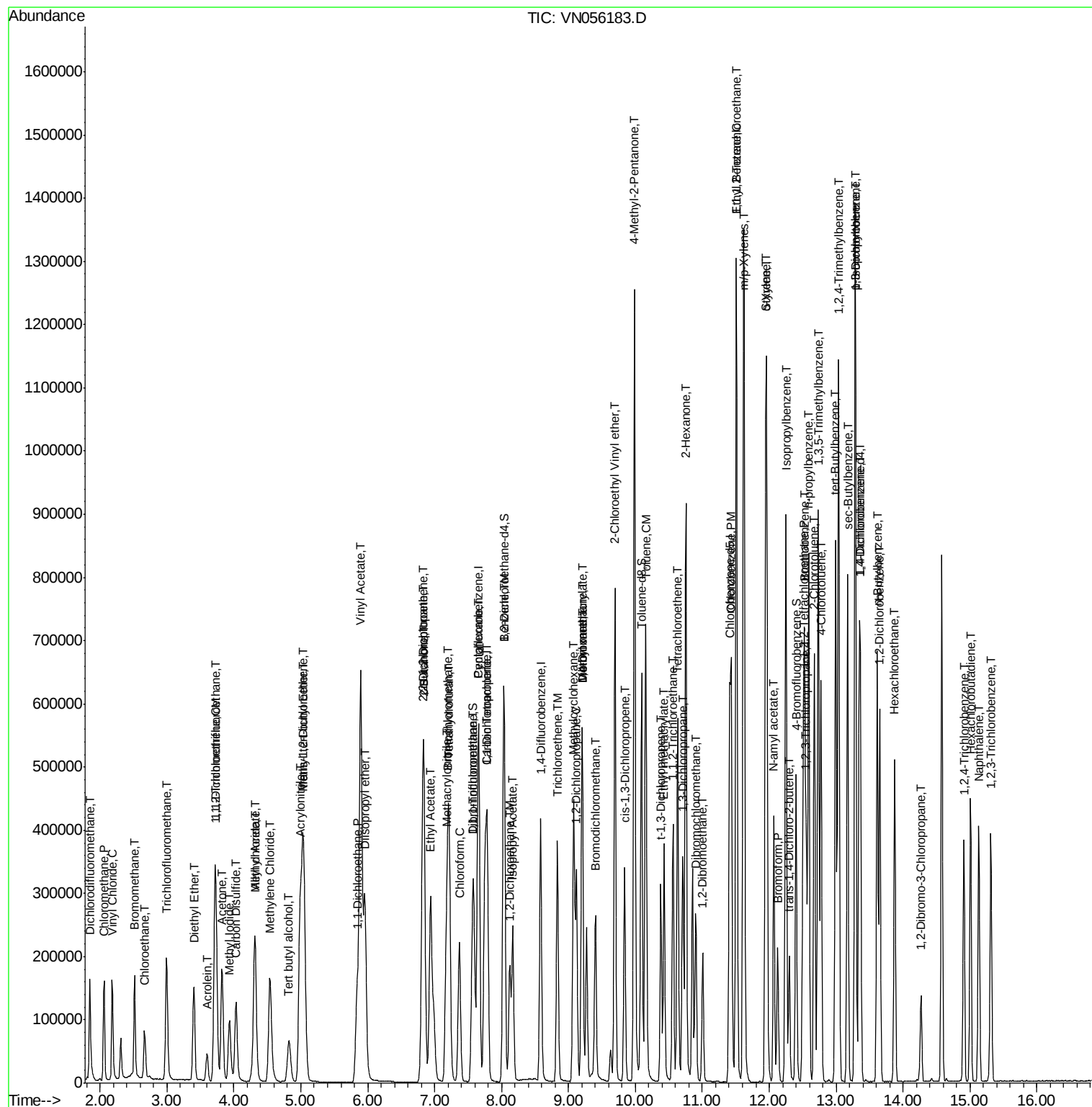
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	138049	46.433	ug/l	99
94) Hexachlorobutadiene	15.01	225	100486	54.085	ug/l	98
95) Naphthalene	15.13	128	376970	48.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	154760	50.668	ug/l	100

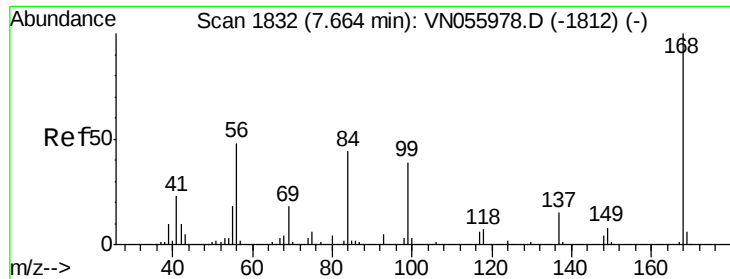
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

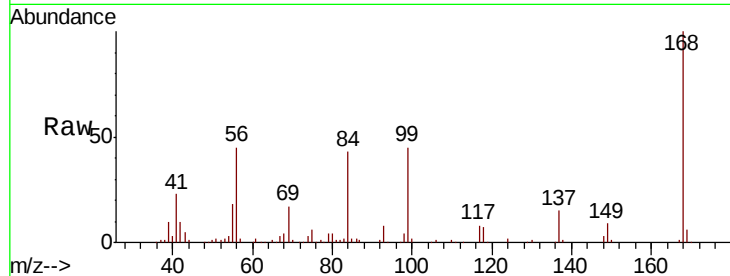
Instrument :
MSVOA_N
ClientSampled :

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

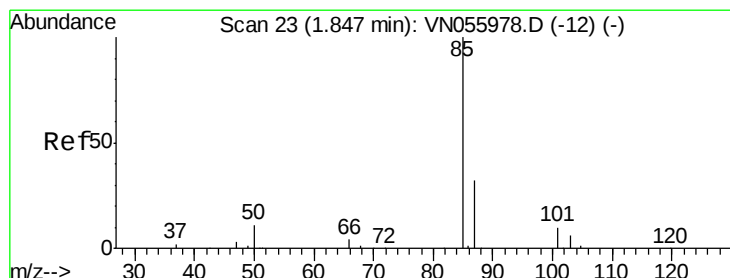
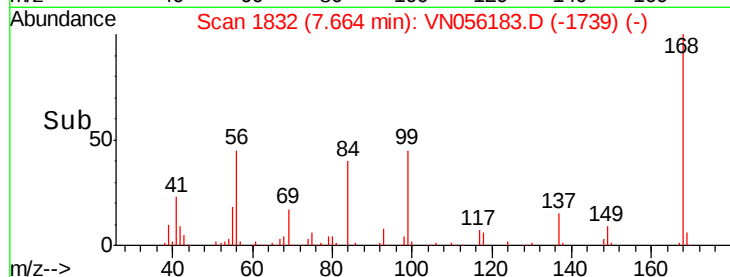
40000

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

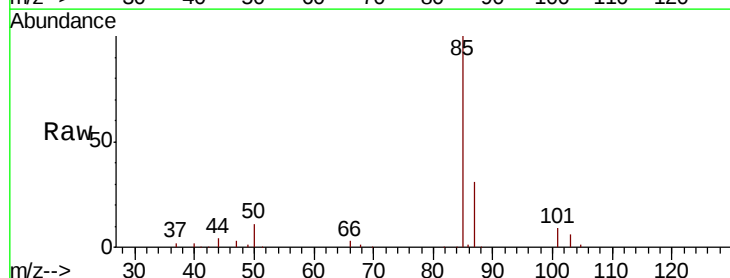
Acq: 10 Jun 2019 21:38

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

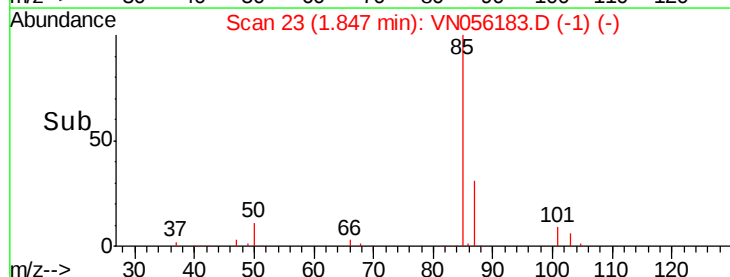
40000

20000

0

1.80 1.90 2.00

Time-->

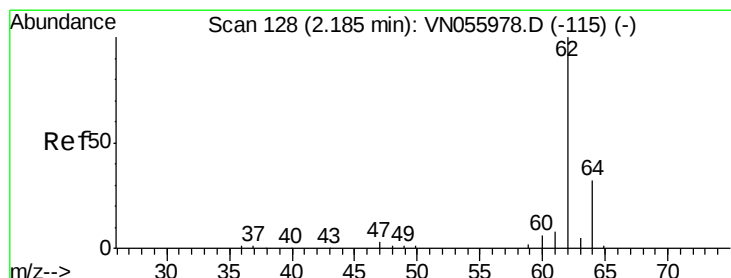
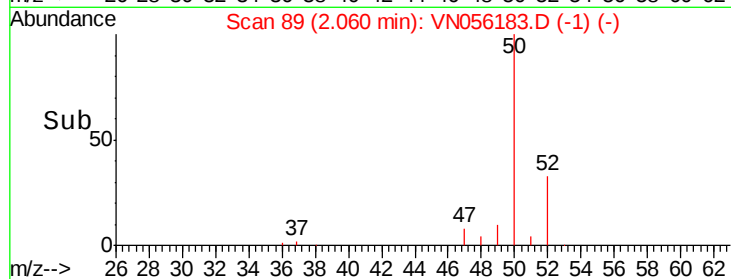
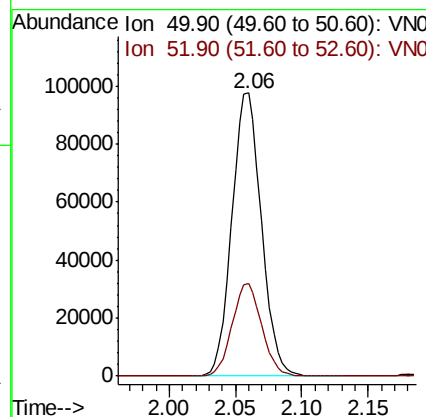
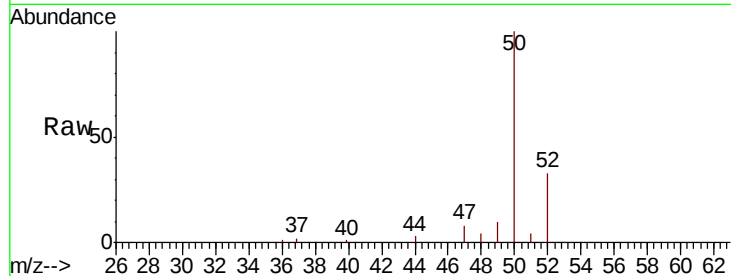




#3
 Chloromethane
 Concen: 49.895 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

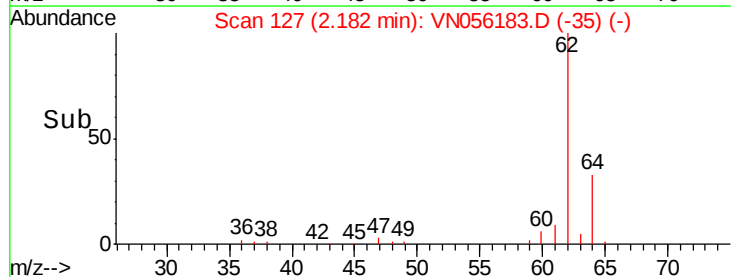
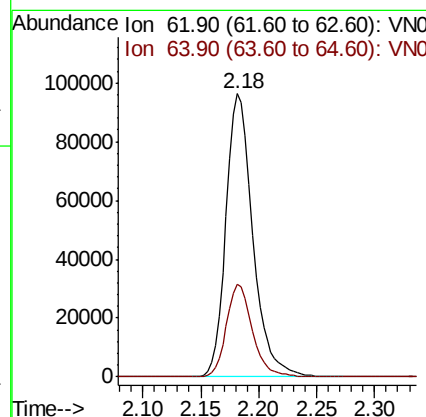
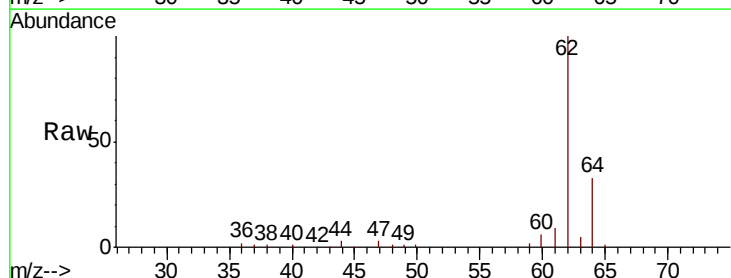
Instrument :
 MSVOA_N
 ClientSampled :

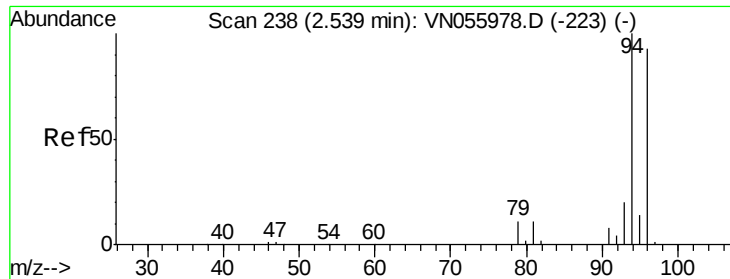
Tot Ion: 50 Resp: 150730
 Ion Ratio Lower Upper
 50 100
 52 32.6 26.6 40.0



#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

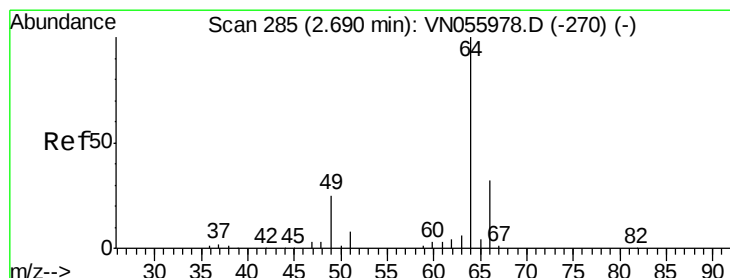
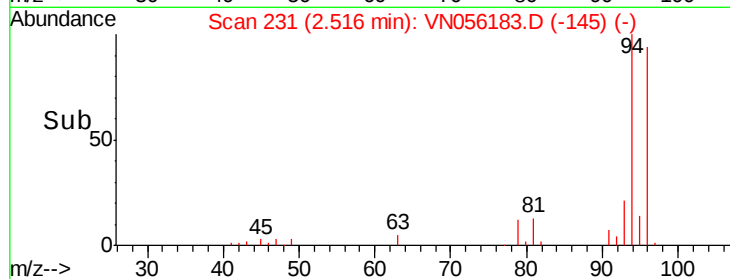
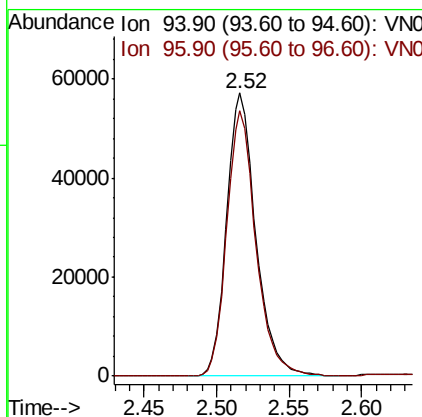
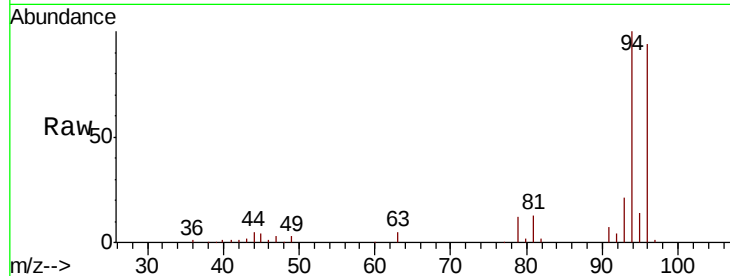




#5
Bromomethane
Concen: 41.638 ug/l
RT: 2.52 min Scan# 231
Delta R.T. -0.02 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

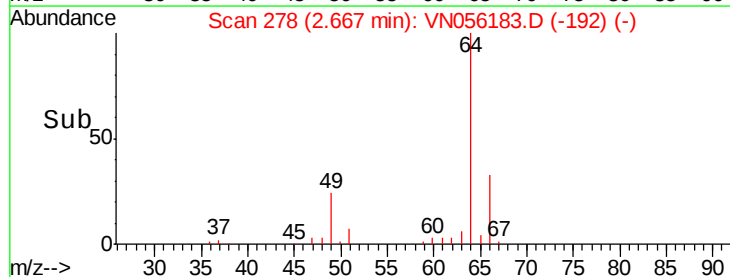
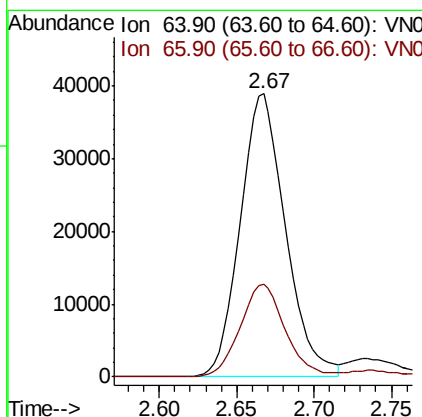
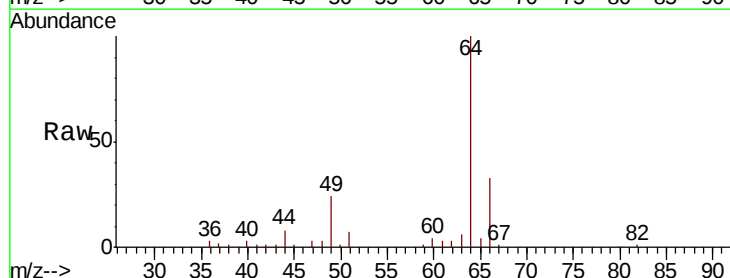
Instrument :
MSVOA_N
ClientSampleId :

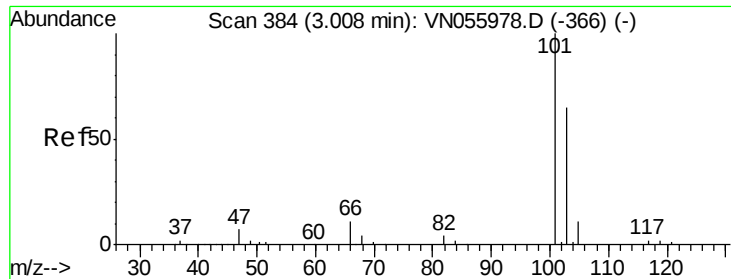
Tot Ion: 94 Resp: 79704
Ion Ratio Lower Upper
94 100
96 93.6 75.5 113.3



#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



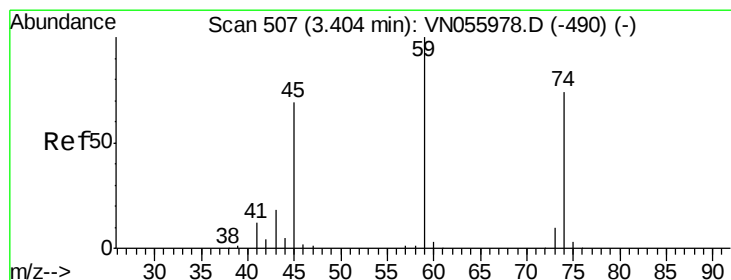
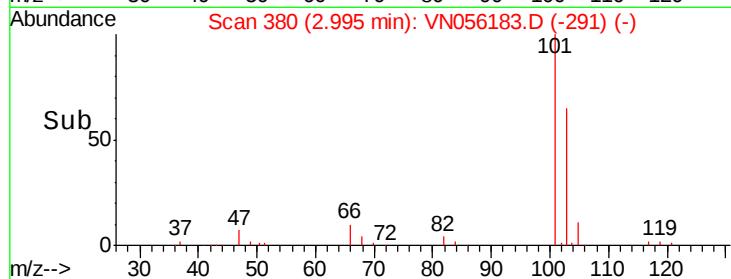
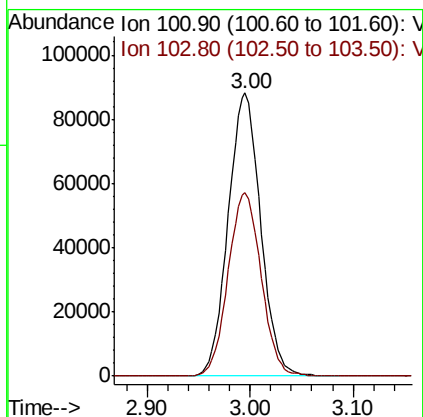
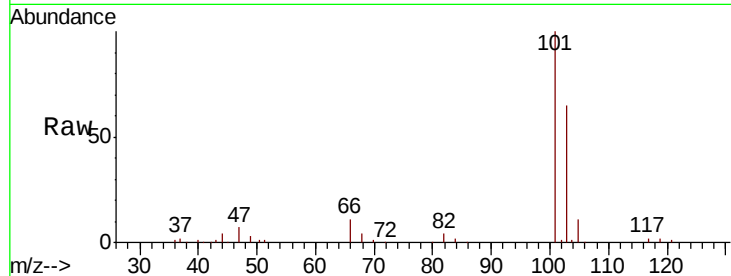


#7

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 :
MSVOA_N
ClientSampleId :

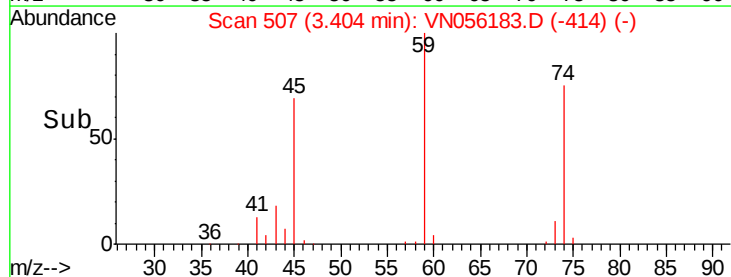
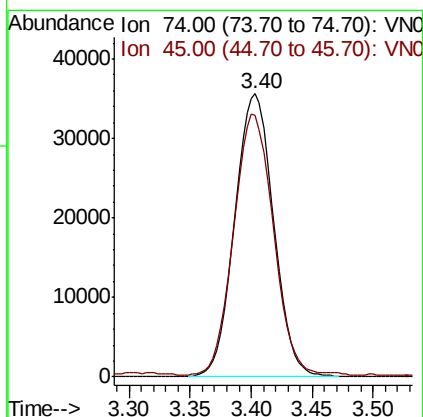
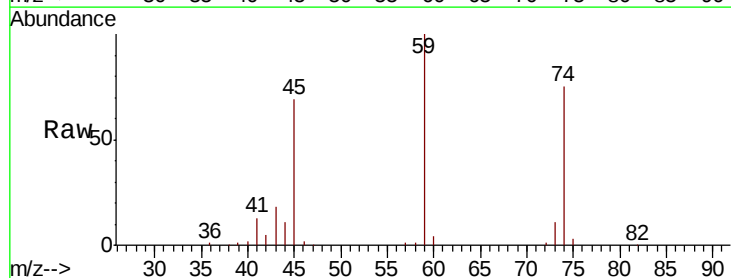
Tot Ion:101 Resp: 193712
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

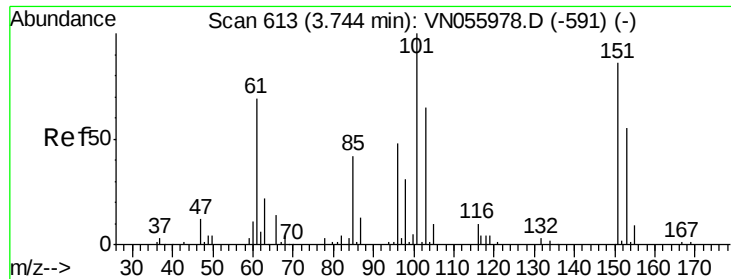


#8

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

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

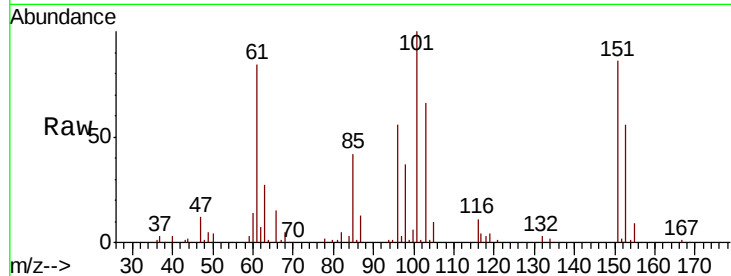
Tot Ion:101 Resp: 121596

Ion Ratio Lower Upper

101 100

85 41.7 33.4 50.2

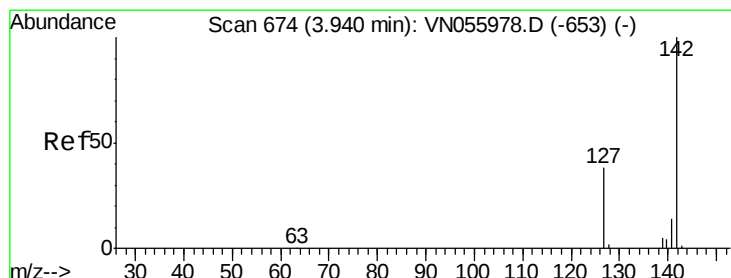
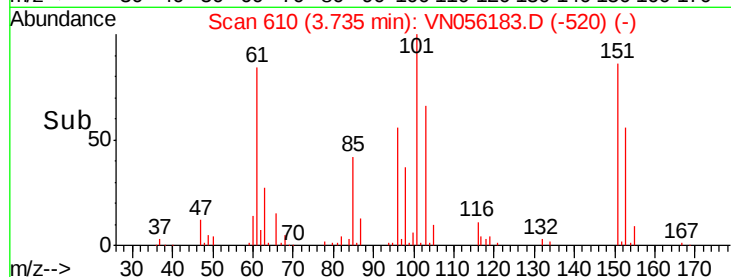
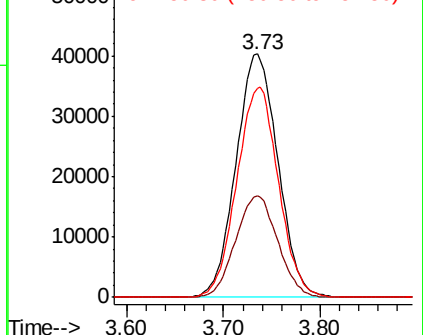
151 85.6 69.4 104.2



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

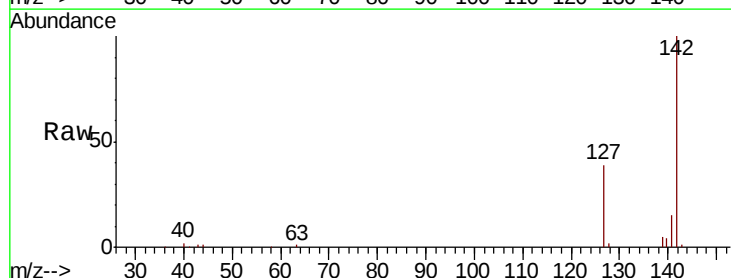
Tgt Ion:142 Resp: 174586

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

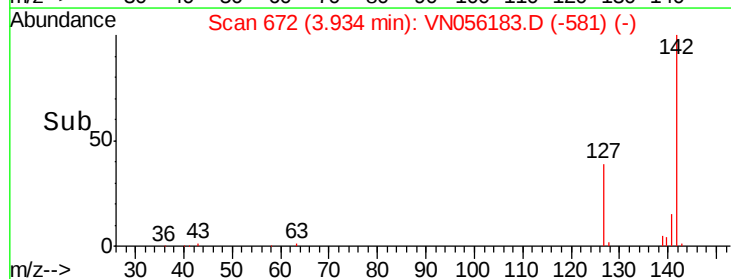
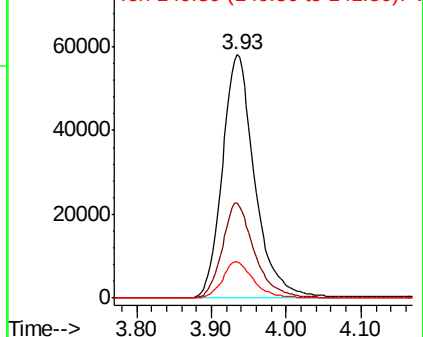
141 14.3 11.4 17.0

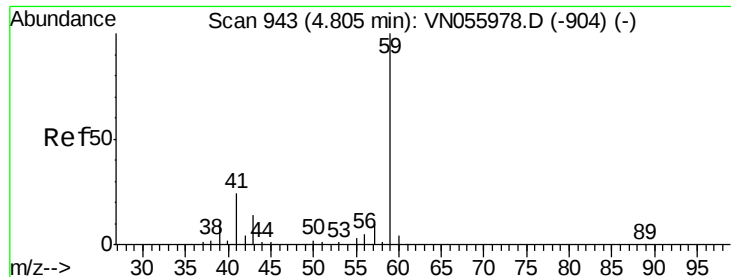


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



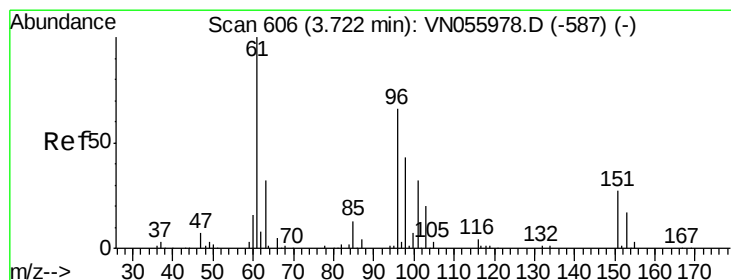
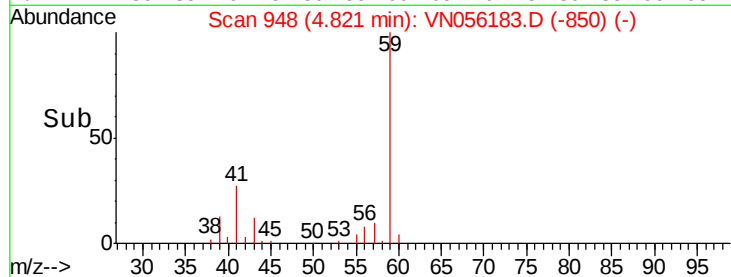
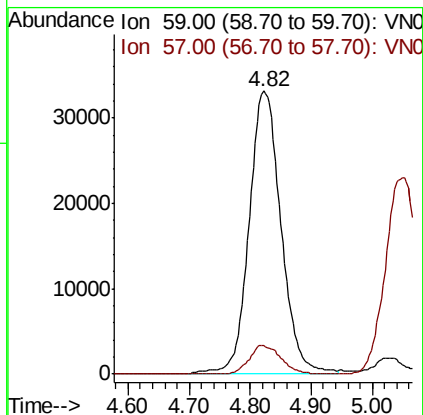
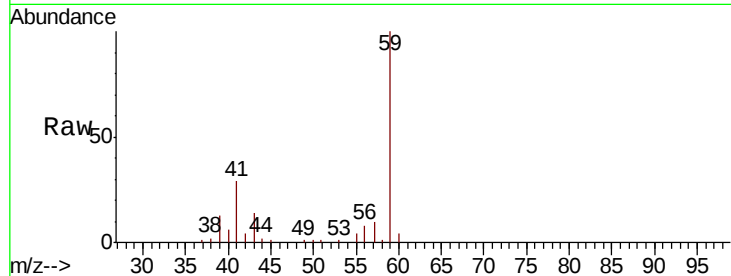


#11

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 :

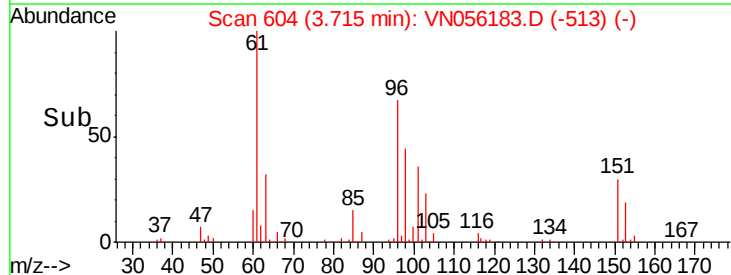
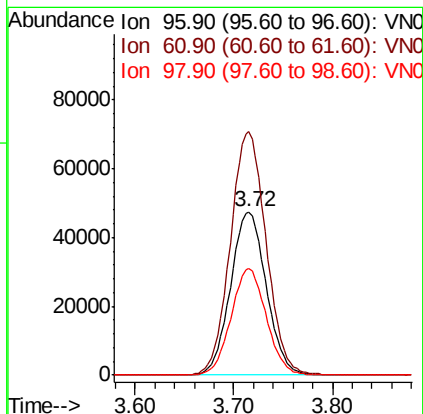
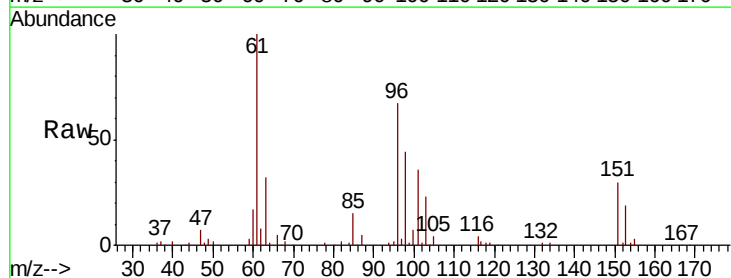
Tot Ion: 59 Resp: 120843
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6

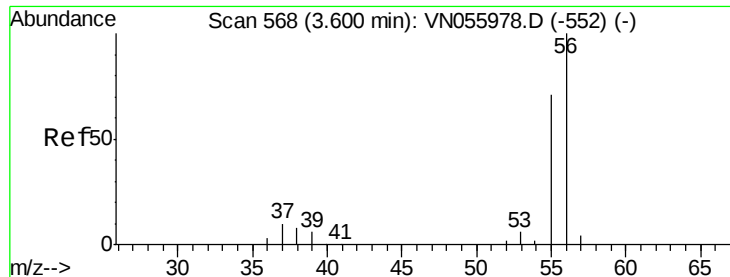


#12

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

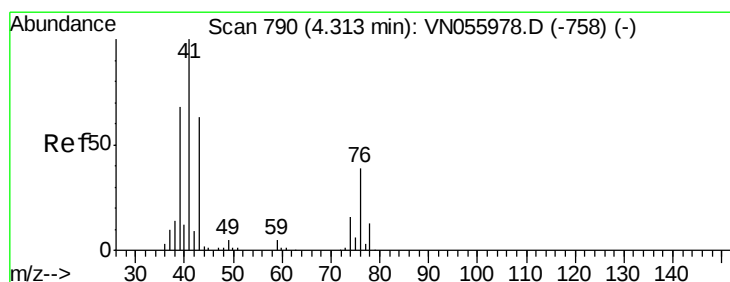
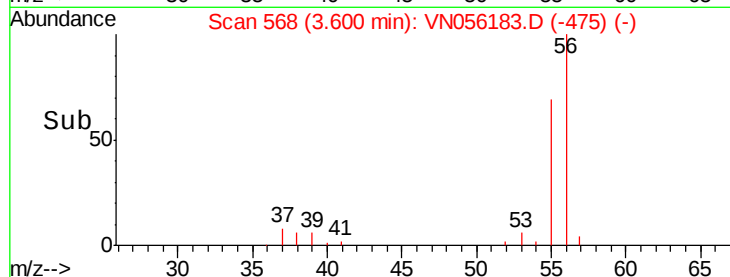
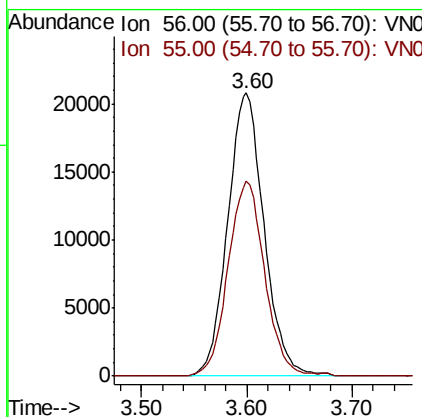
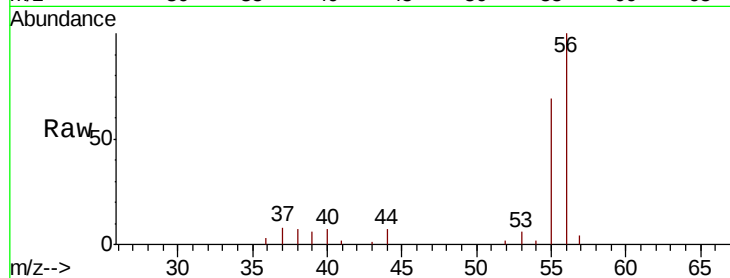




#13
 Acrolein
 Concen: 357.535 ug/l
 RT: 3.60 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

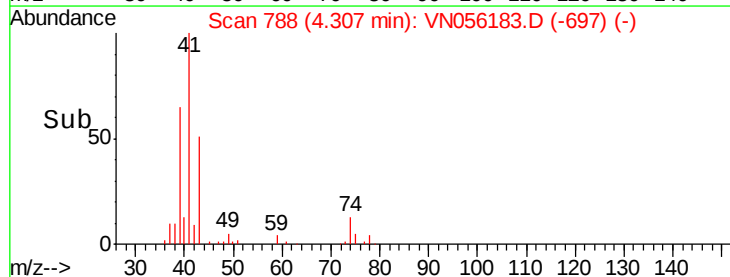
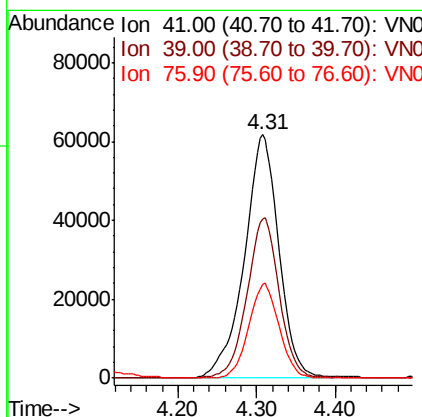
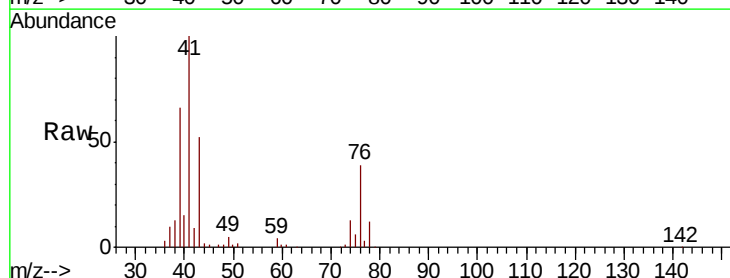
Instrument :
 MSVOA_N
 ClientSampleId :

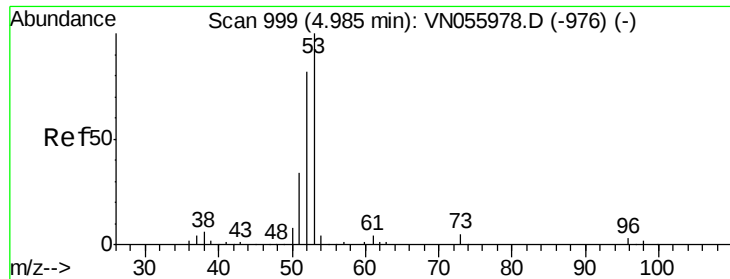
Tot Ion: 56 Resp: 49654
 Ion Ratio Lower Upper
 56 100
 55 69.5 55.4 83.2



#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

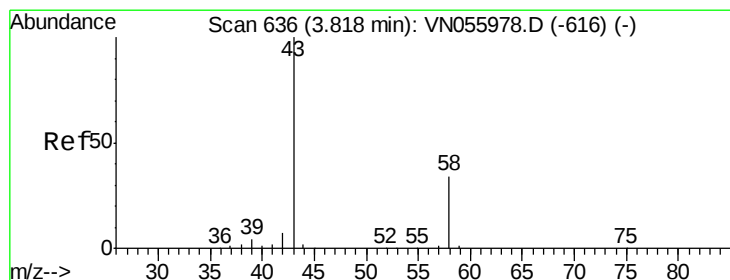
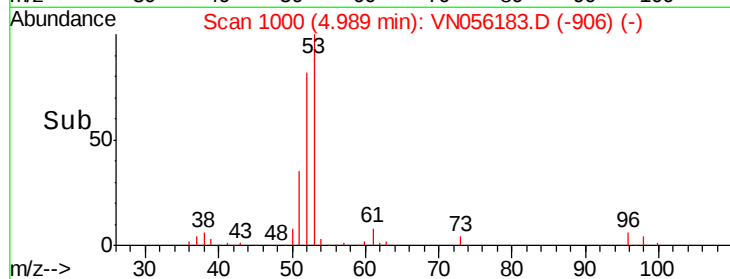
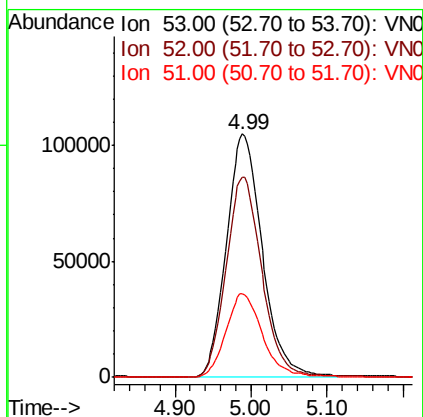
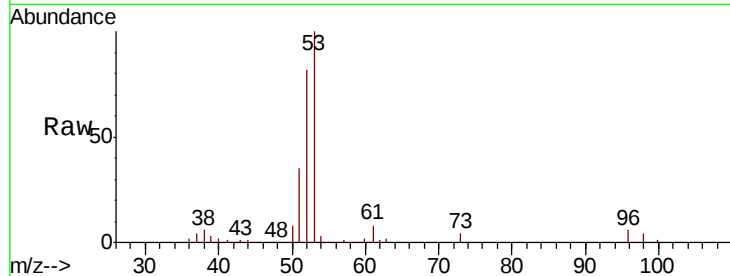




#15
 Acrylonitrile
 Concen: 294.684 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

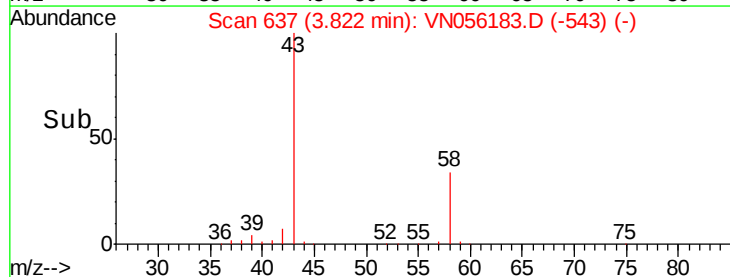
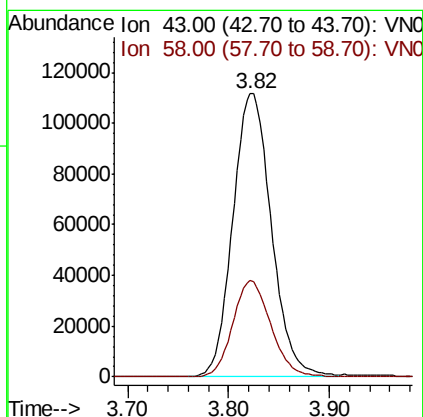
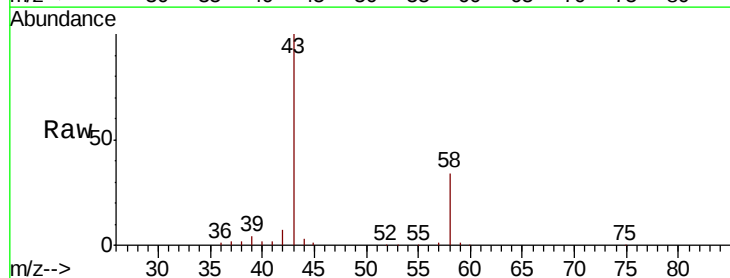
Instrument :
 MSVOA_N
 ClientSampled :

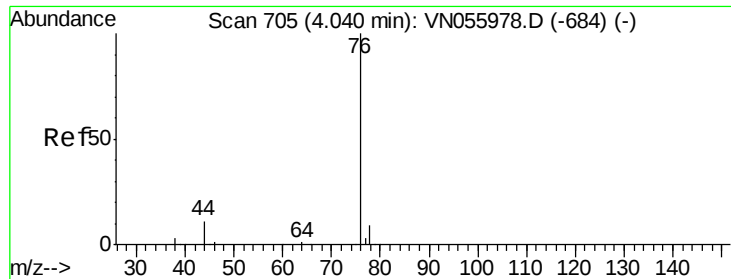
Tot Ion: 53 Resp: 345428
 Ion Ratio Lower Upper
 53 100
 52 82.0 65.8 98.8
 51 35.1 28.2 42.4



#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

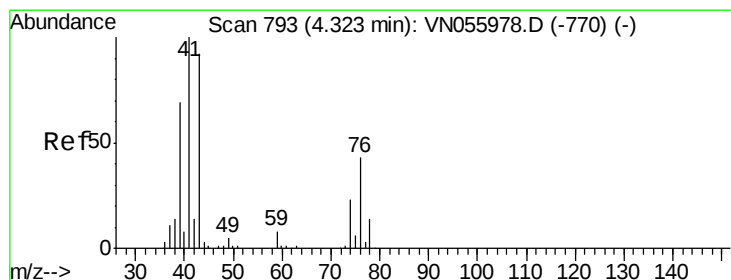
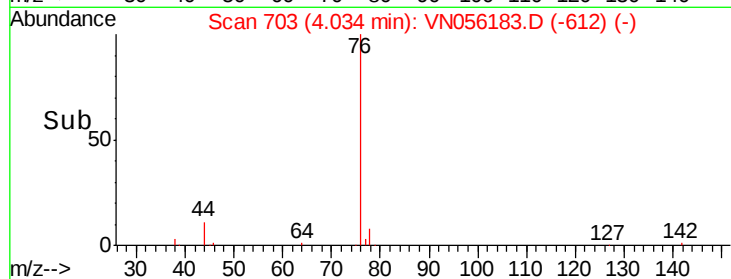
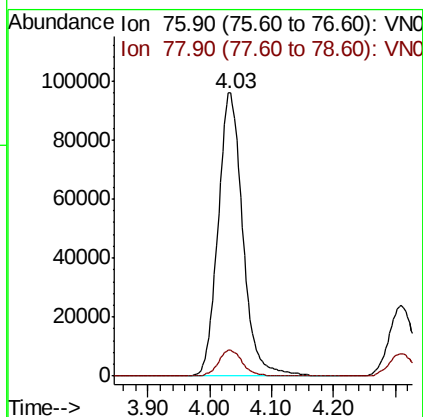
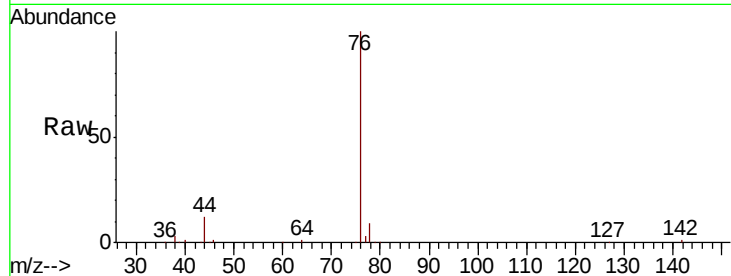




#17
Carbon Disulfide
Concen: 47.492 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

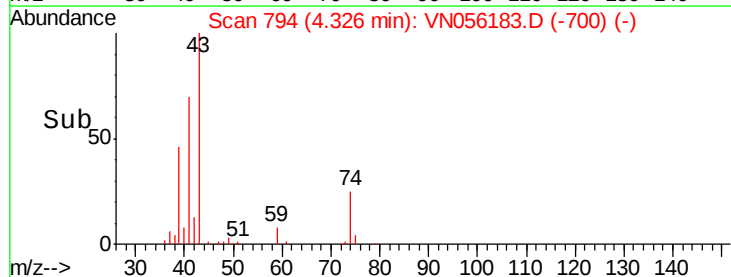
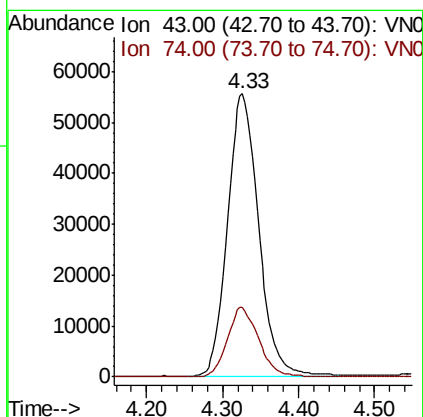
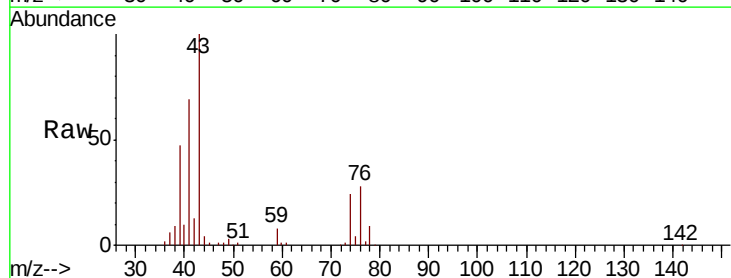
Instrument :
MSVOA_N
ClientSampleId :

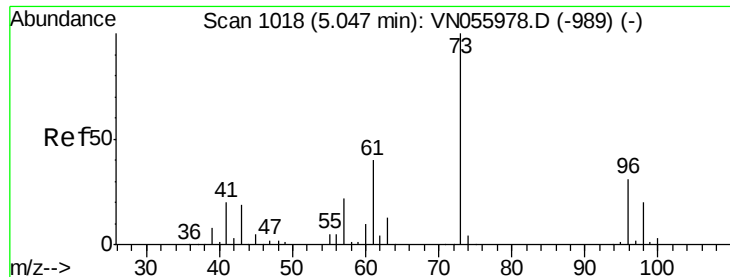
Tot Ion: 76 Resp: 266034
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#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

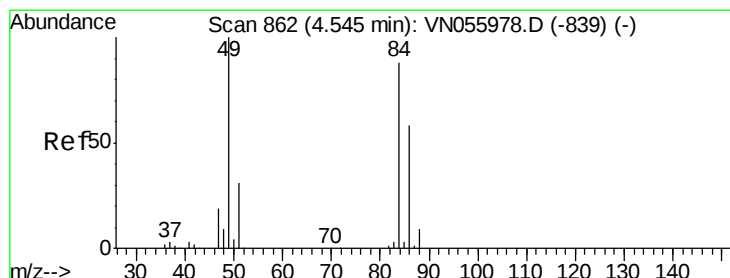
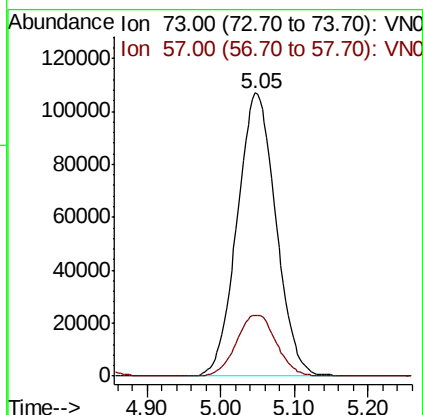
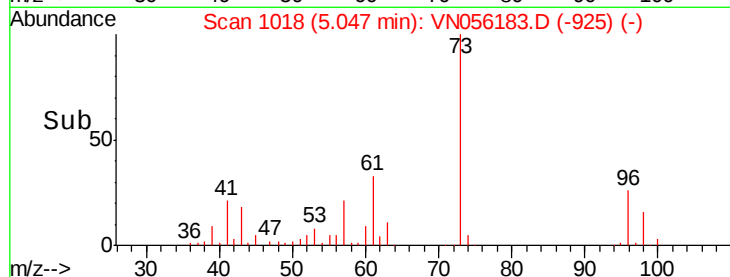
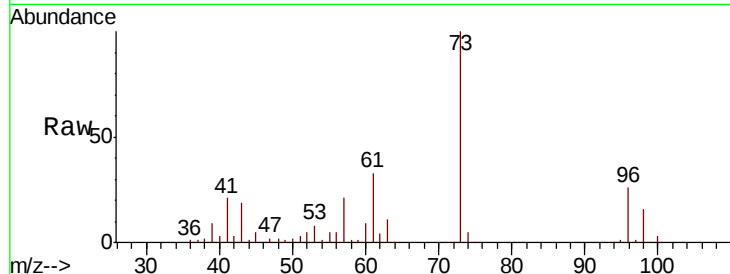




#19
Methvl tert-butvl Ether
Concen: 52.399 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

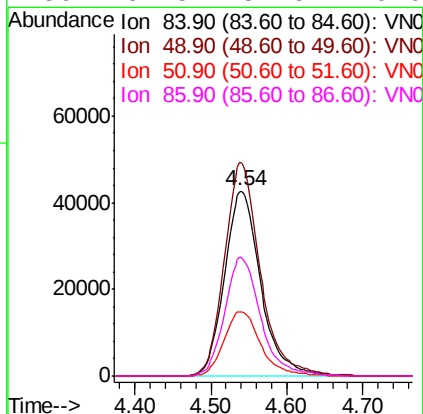
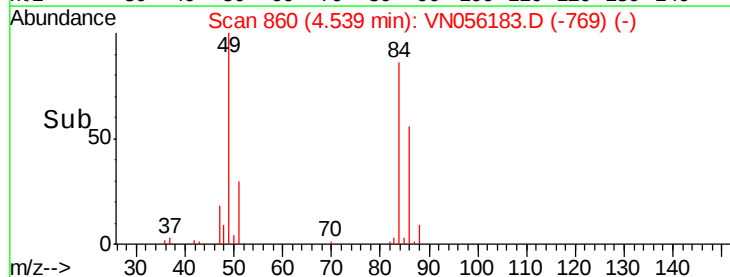
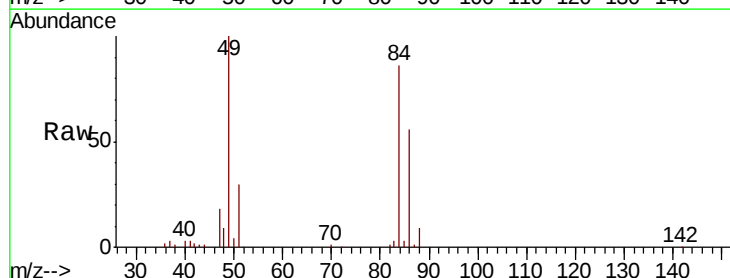
Instrument :
MSVOA_N
ClientSampleId :

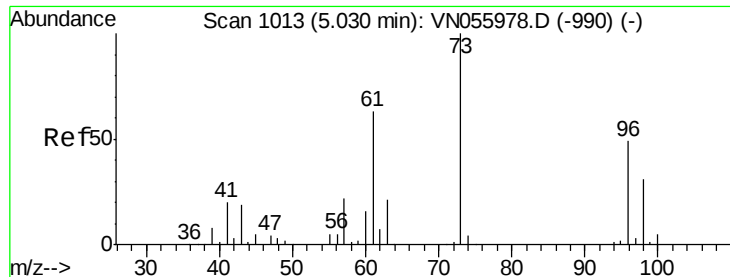
Tot Ion: 73 Resp: 390758
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#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 :

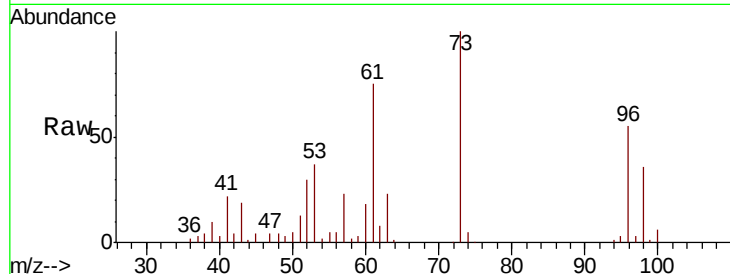
Tot Ion: 96 Resp: 127337

Ion Ratio Lower Upper

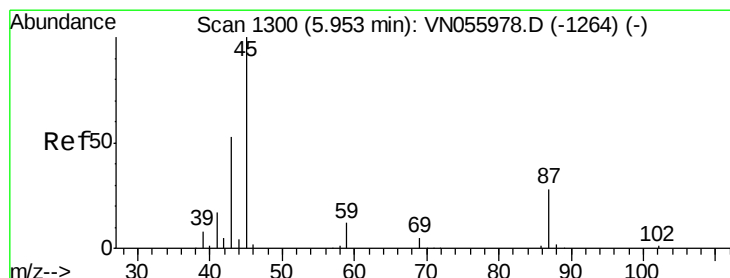
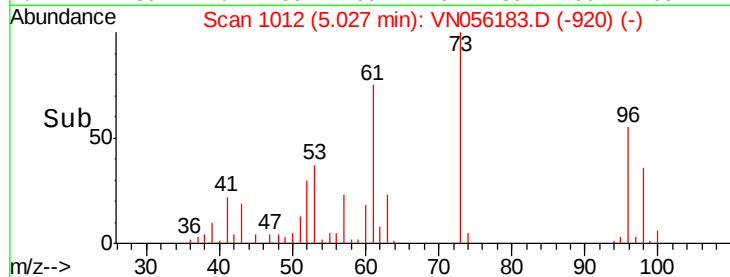
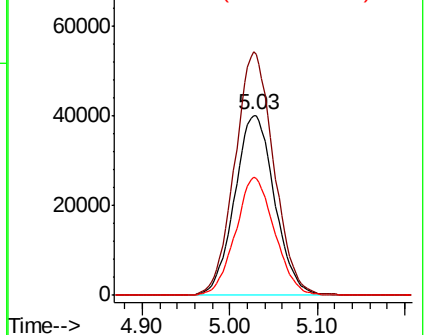
96 100

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

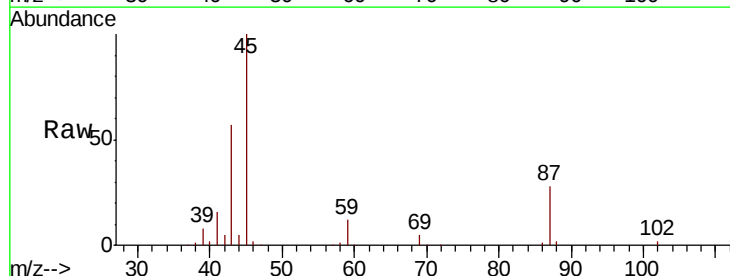
Ion Ratio Lower Upper

45 100

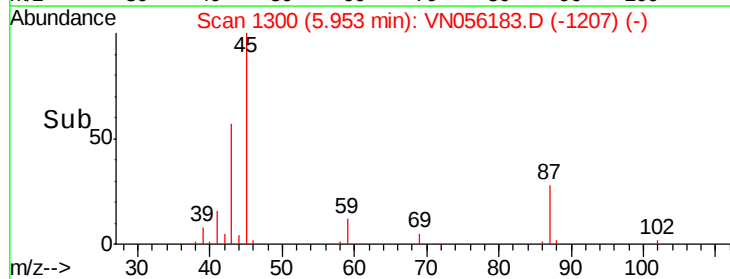
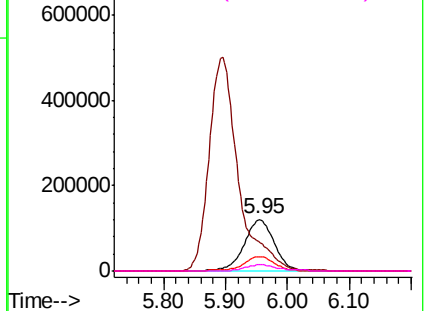
43 55.9 45.0 67.6

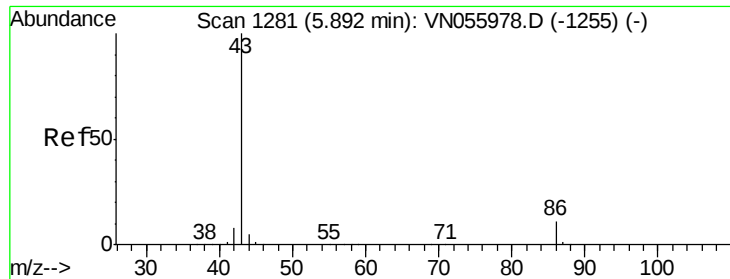
87 27.9 22.2 33.4

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

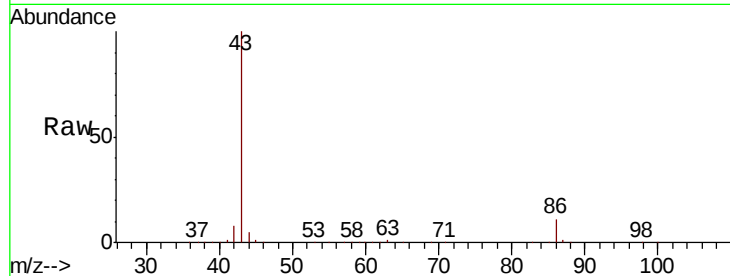
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1652395

Ion Ratio Lower Upper

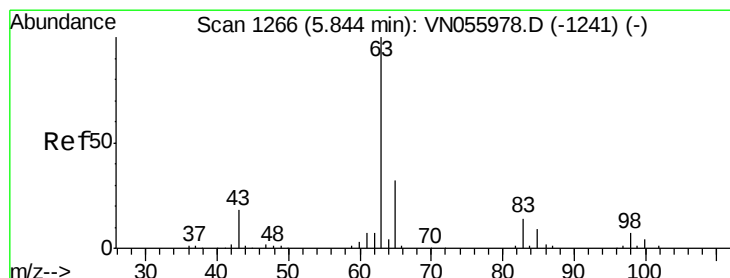
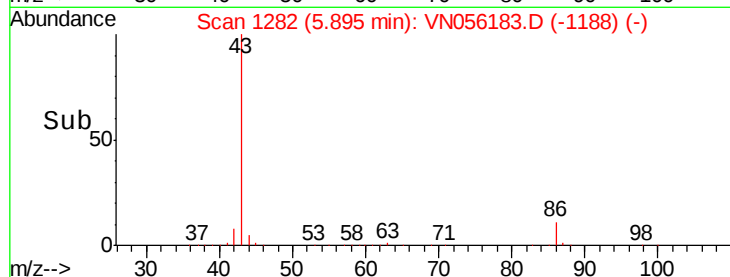
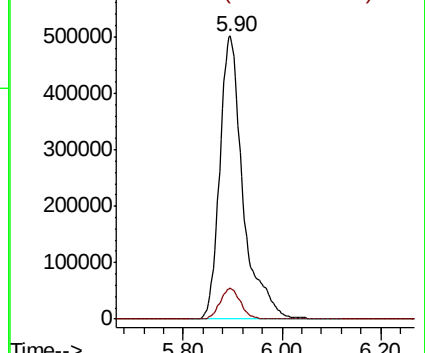
43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN055978.D (-1255) (-)



#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

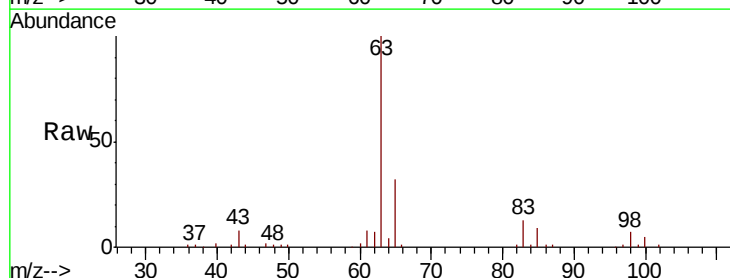
Tgt Ion: 63 Resp: 233233

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

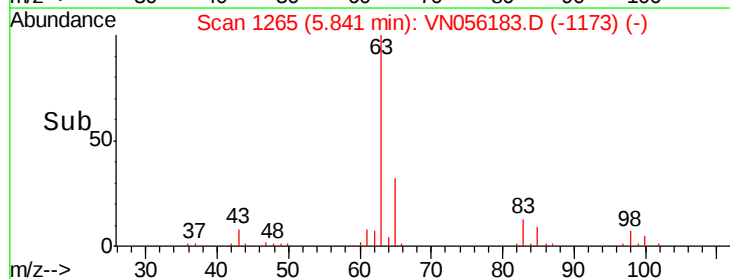
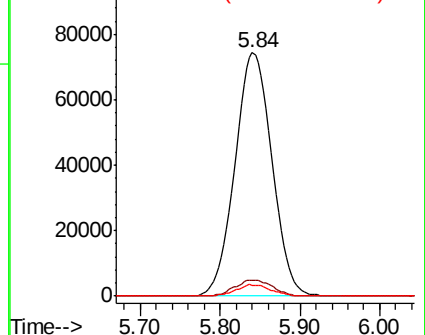
100 4.6 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)





#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

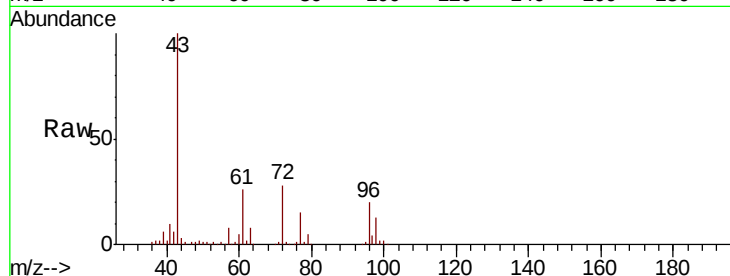
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 460047

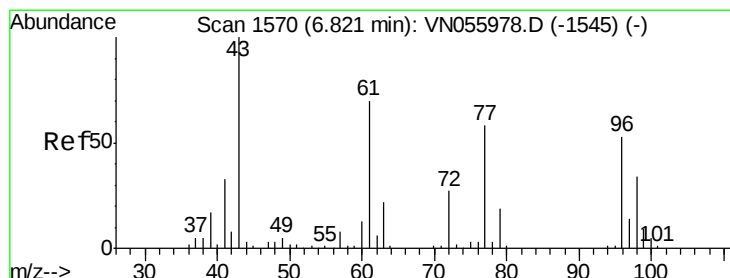
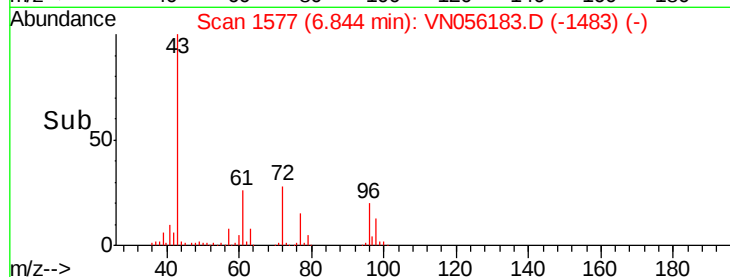
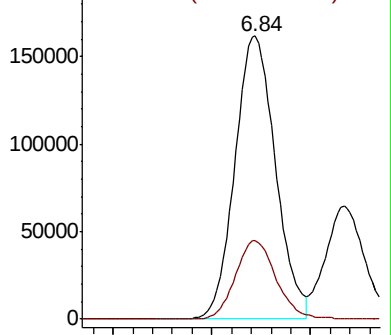
Ion Ratio Lower Upper

43 100

72 27.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0



#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

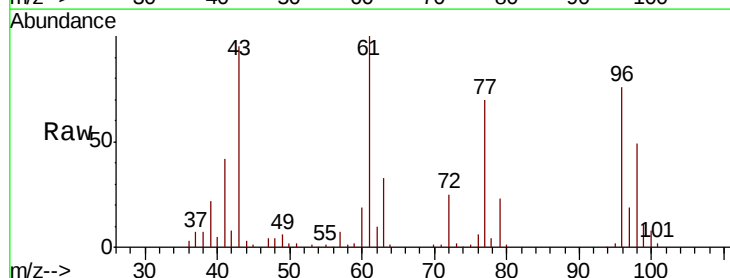
Acq: 10 Jun 2019 21:38

Tgt Ion: 77 Resp: 146262

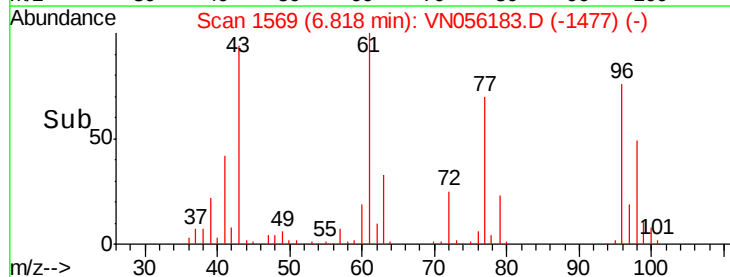
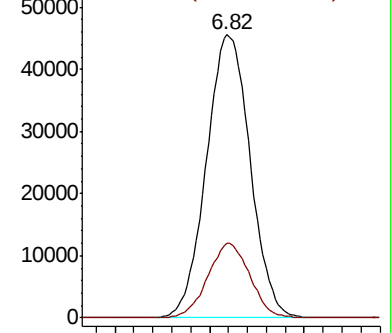
Ion Ratio Lower Upper

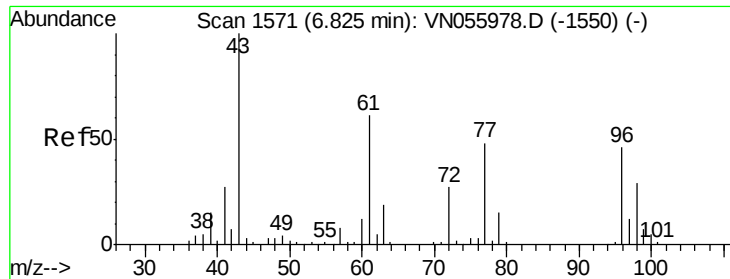
77 100

97 25.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0
Ion 96.90 (96.60 to 97.60): VN0





#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
ClientSampled :

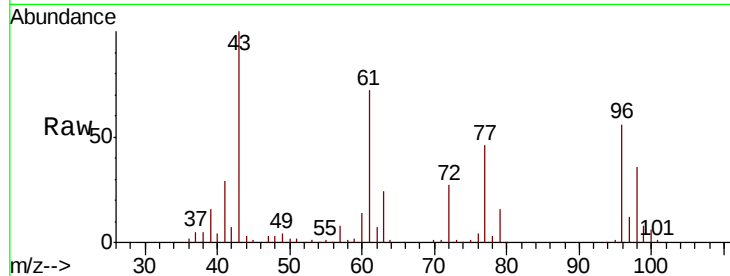
Tot Ion: 96 Resp: 153276

Ion Ratio Lower Upper

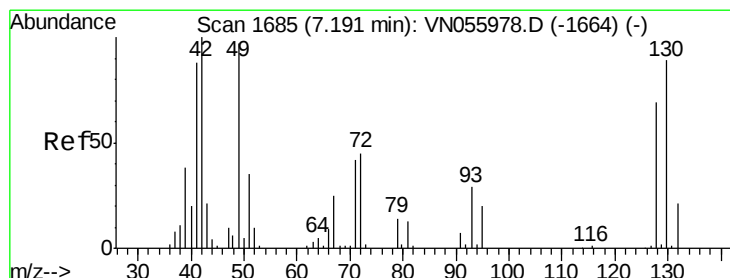
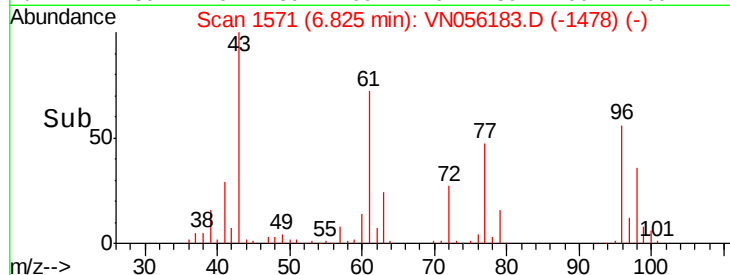
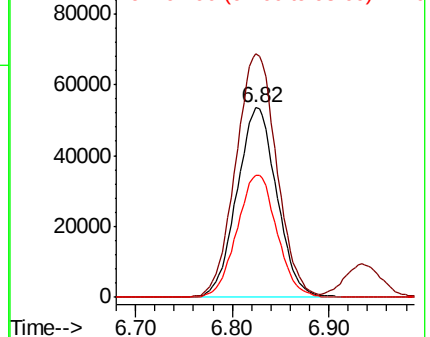
96 100

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

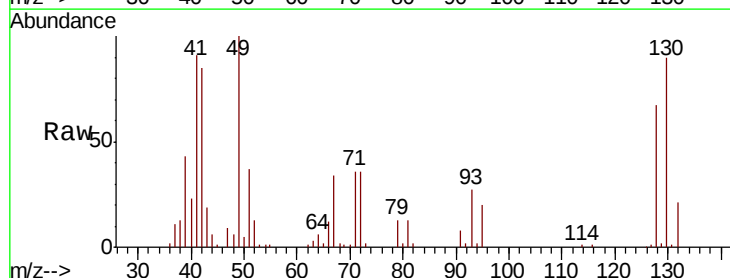
Tgt Ion: 49 Resp: 113525

Ion Ratio Lower Upper

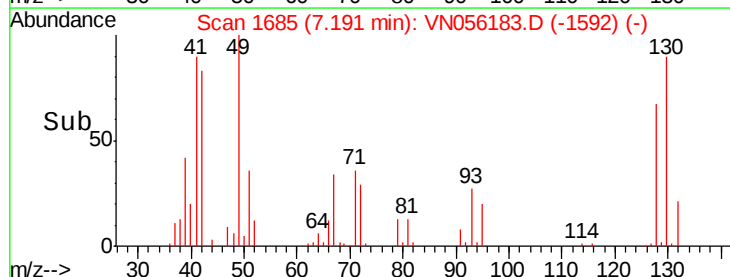
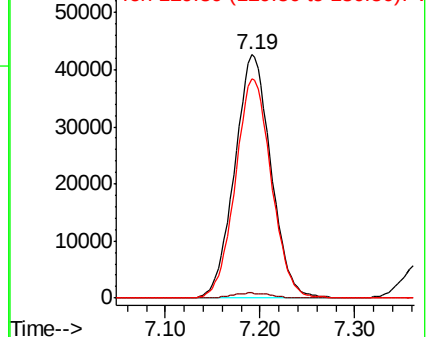
49 100

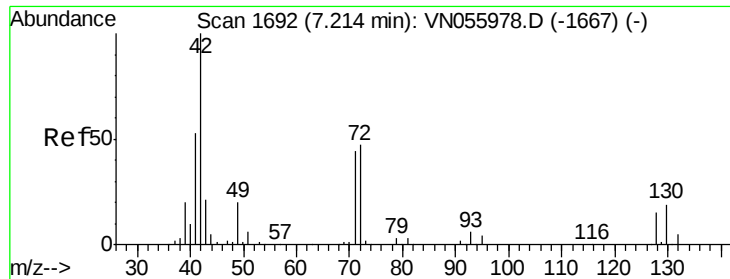
129 2.2 0.0 4.4

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

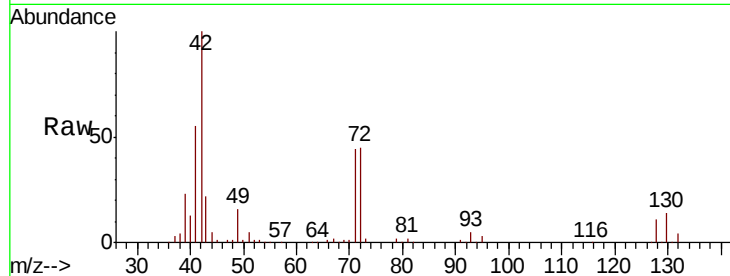




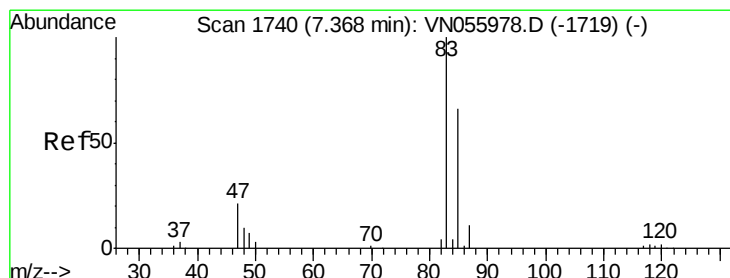
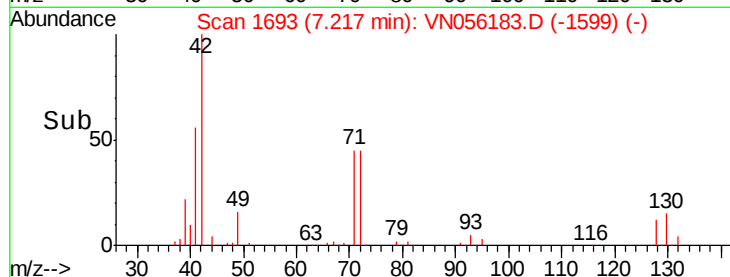
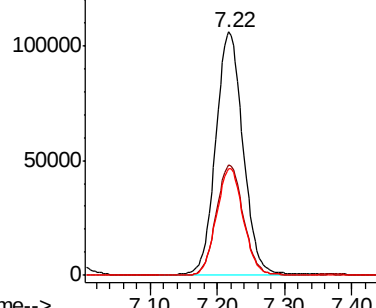
#29
Tetrahydrofuran
Concen: 290.540 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :

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

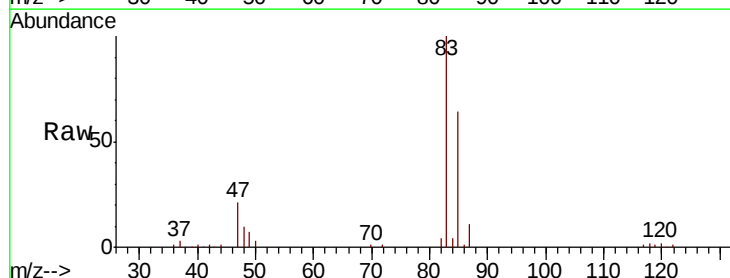


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

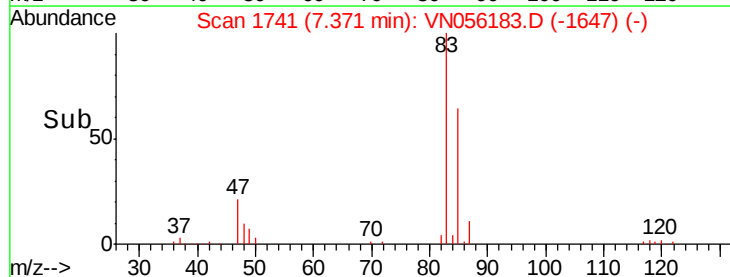
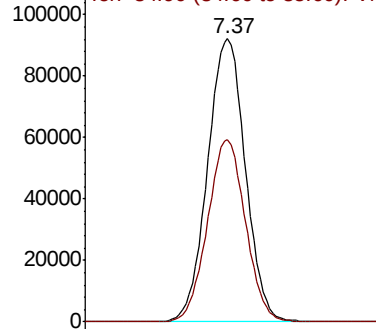


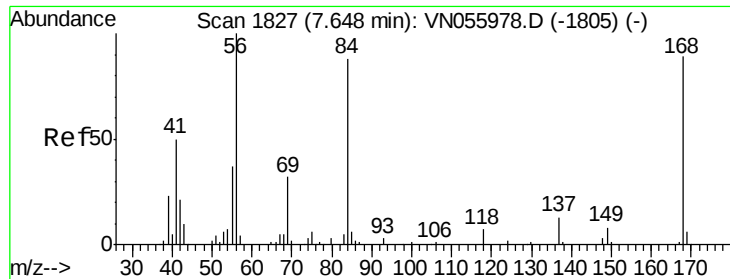
#30
Chloroform
Concen: 53.909 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

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

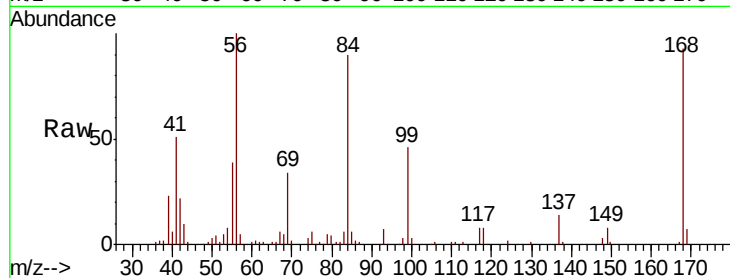




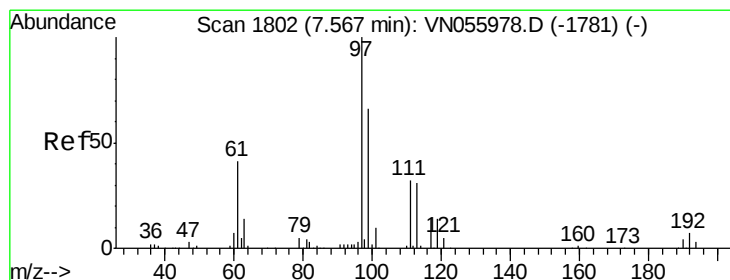
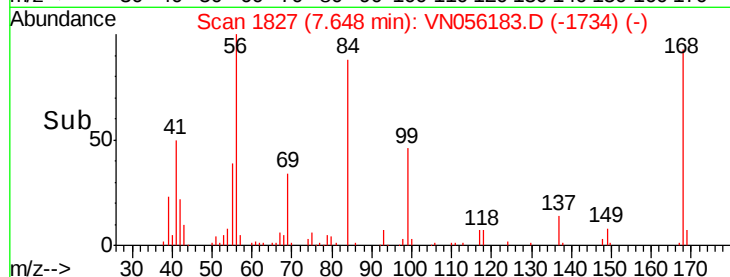
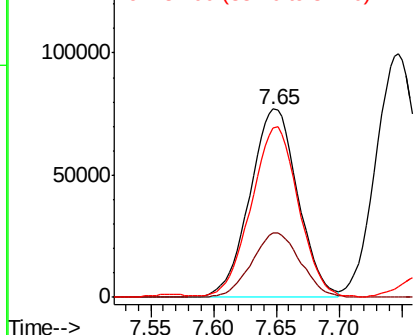
#31
Cyclohexane
Concen: 46.740 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampled :

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

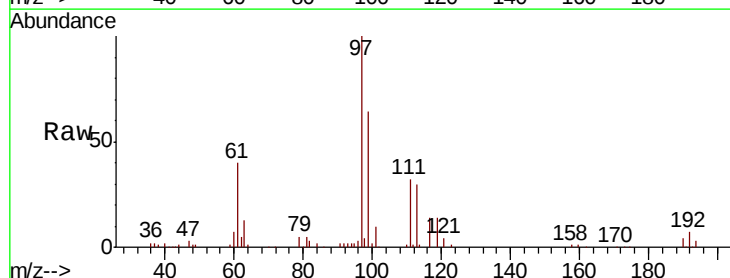


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

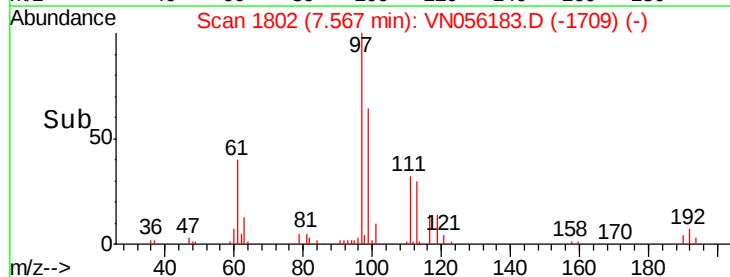
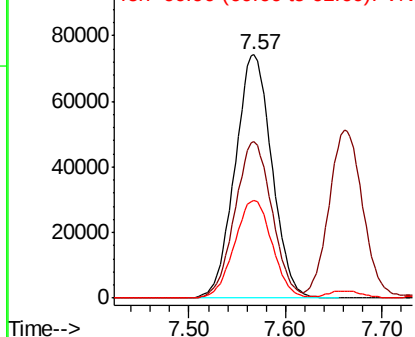


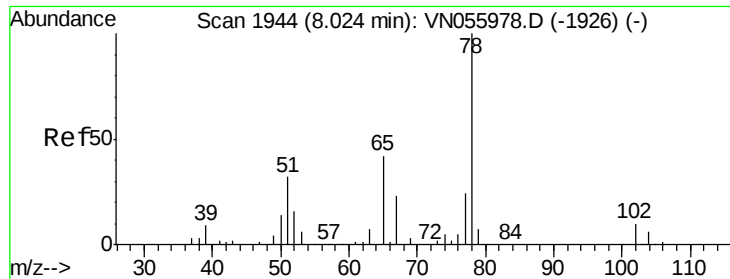
#32
1,1,1-Trichloroethane
Concen: 53.074 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

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): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

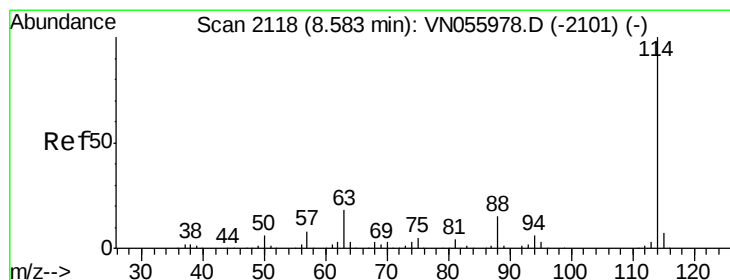
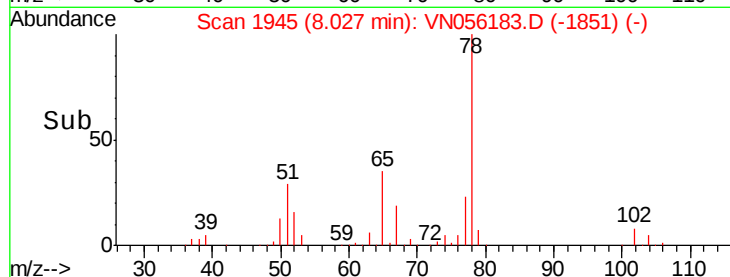
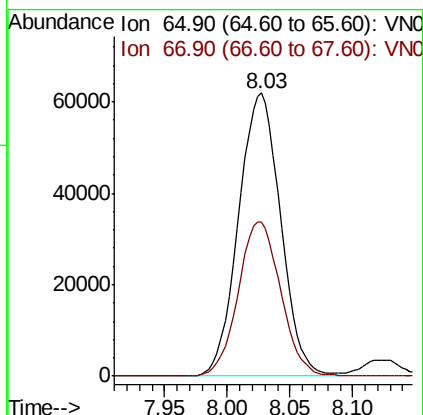
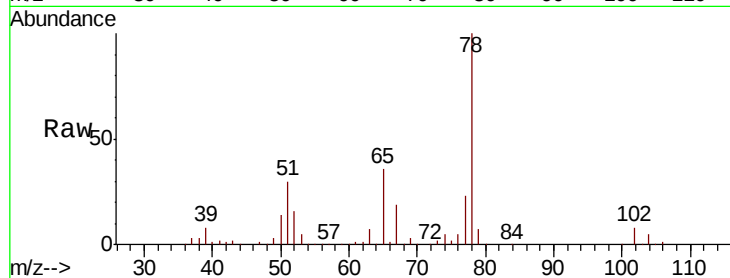




#33
 1,2-Dichloroethane-d4
 Concen: 52.263 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

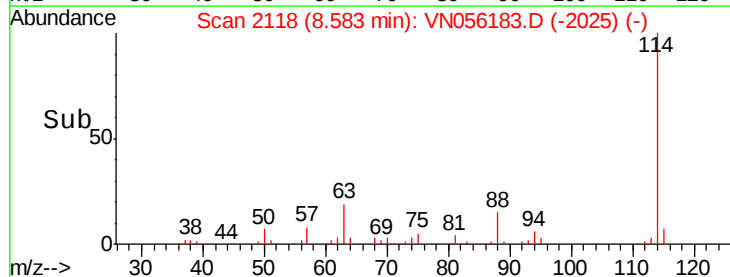
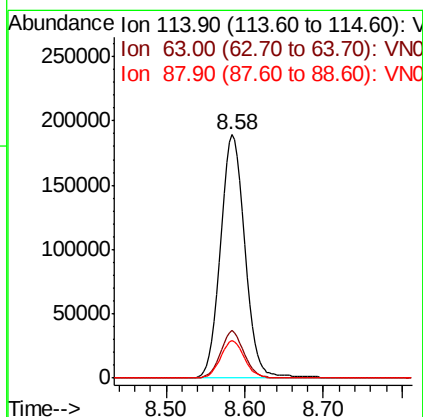
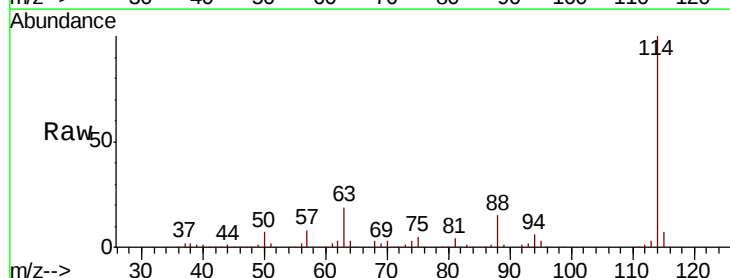
Instrument :
 MSVOA_N
 ClientSampleId :

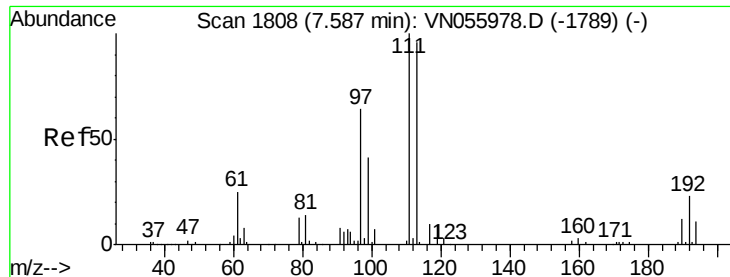
Tot Ion: 65 Resp: 144618
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#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

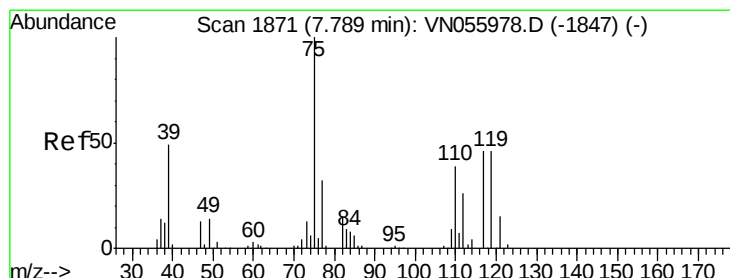
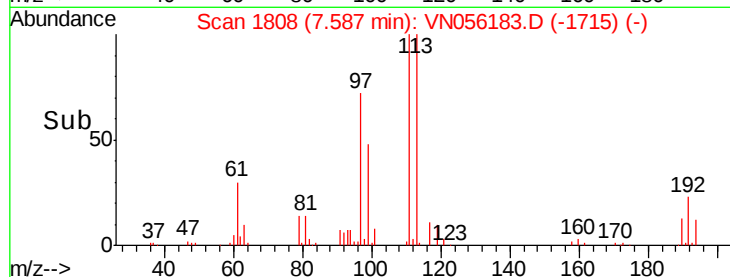
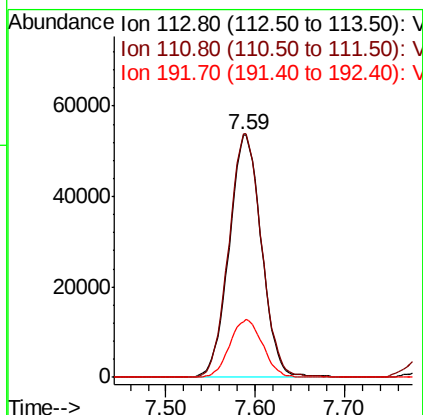
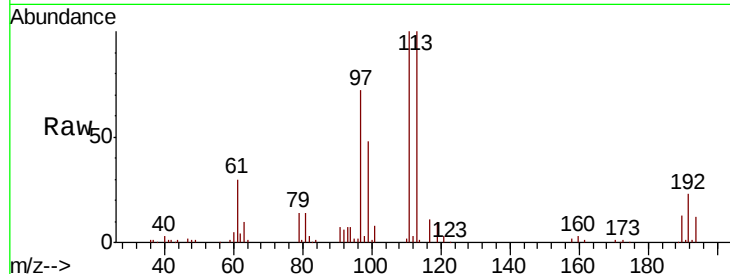




#35
 Dibromofluoromethane
 Concen: 54.049 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

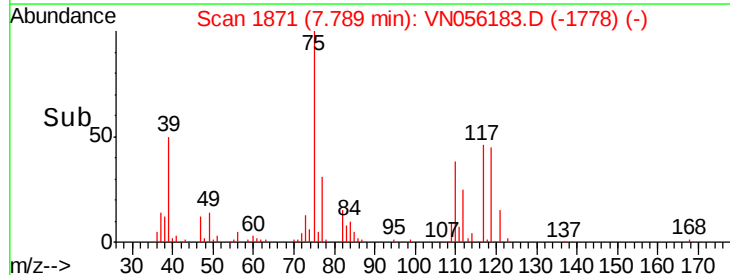
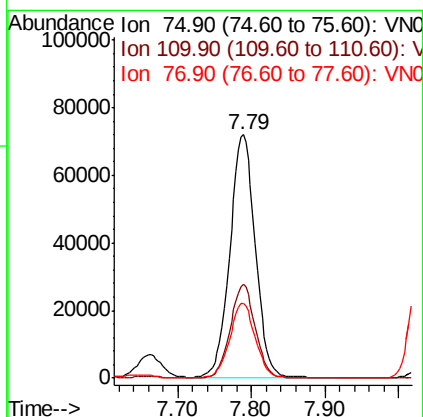
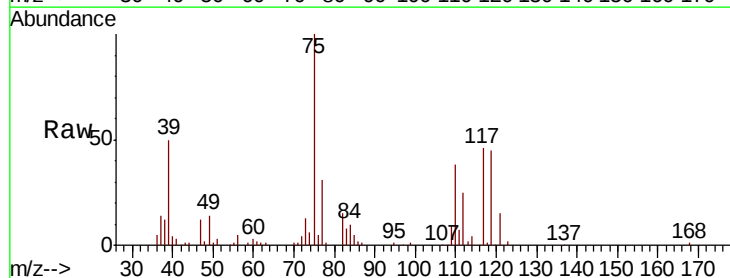
Instrument :
 MSVOA_N
 ClientSampleId :

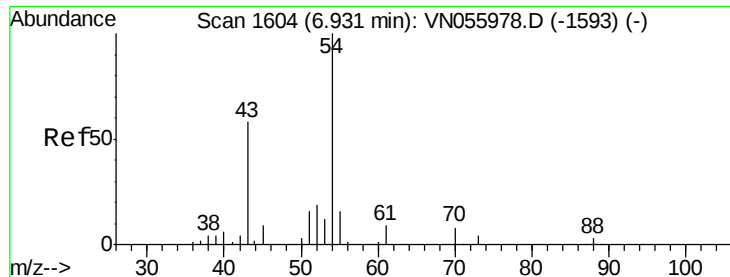
Tot Ion:113 Resp: 134550
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.9 122.9
 192 24.2 19.5 29.3



#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: 75 Resp: 173528
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.0 57.0
 77 30.9 25.1 37.7

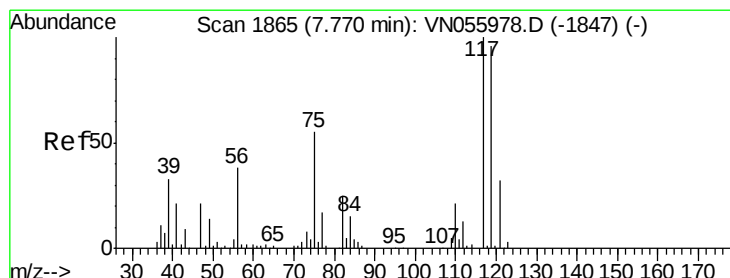
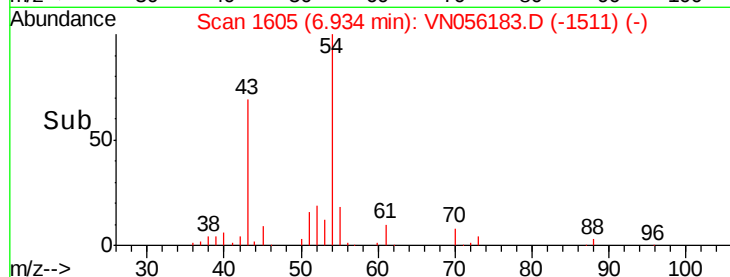
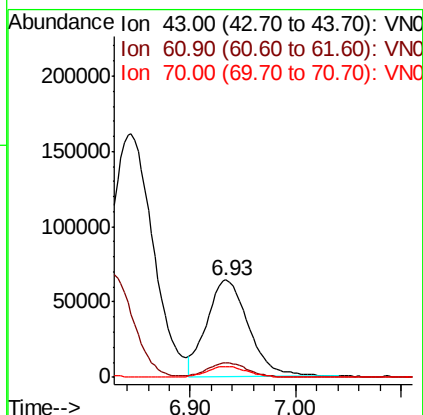
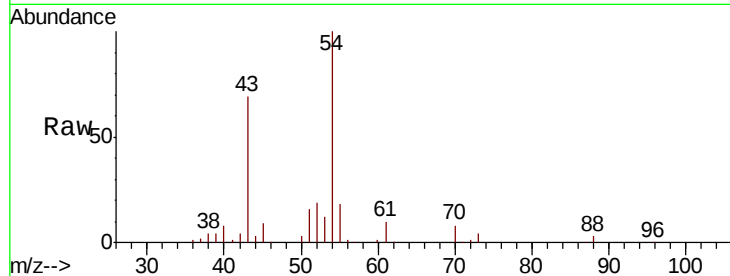




#37
Ethyl Acetate
Concen: 57.044 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

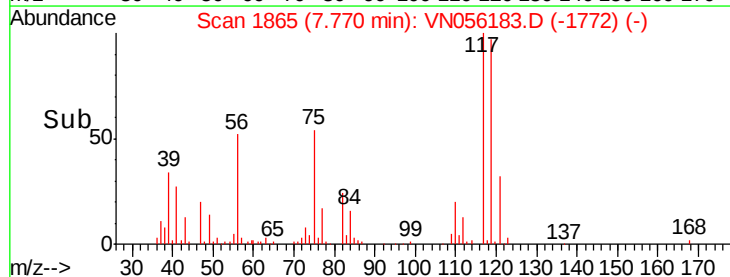
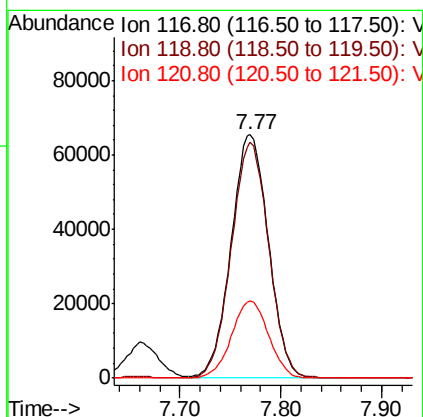
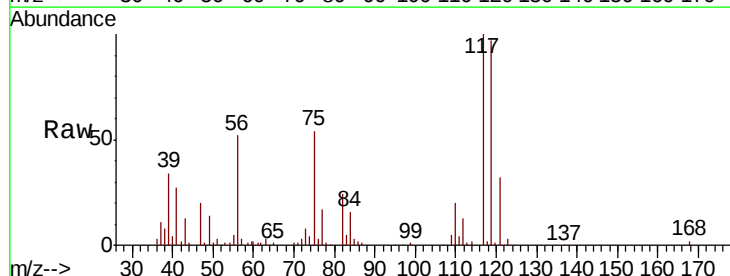
Instrument :
MSVOA_N
ClientSampleId :

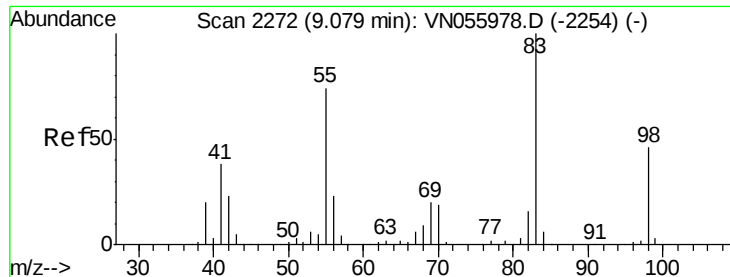
Tot Ion: 43 Resp: 177080
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 10.9 8.9 13.3



#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

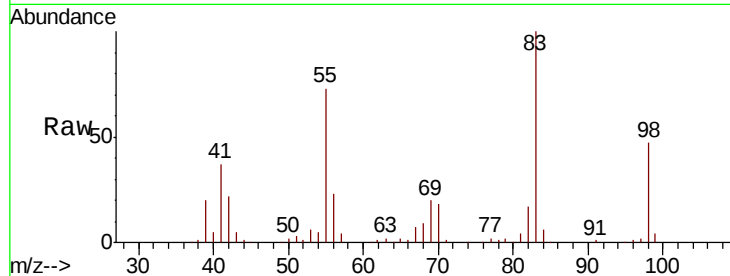




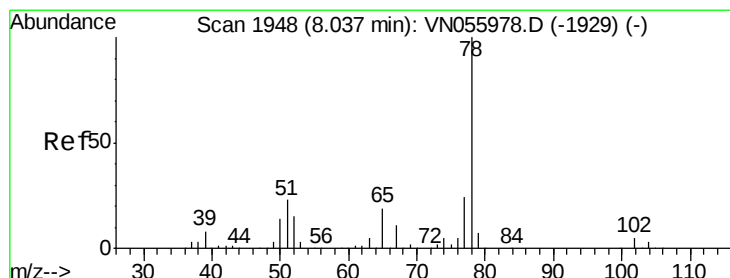
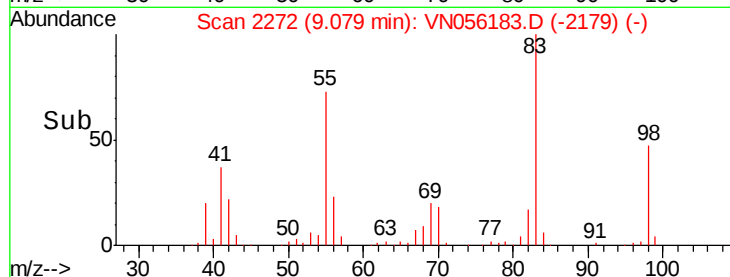
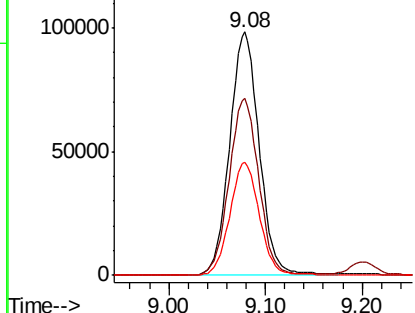
#39
Methvlcvclohexane
Concen: 48.049 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampled :

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

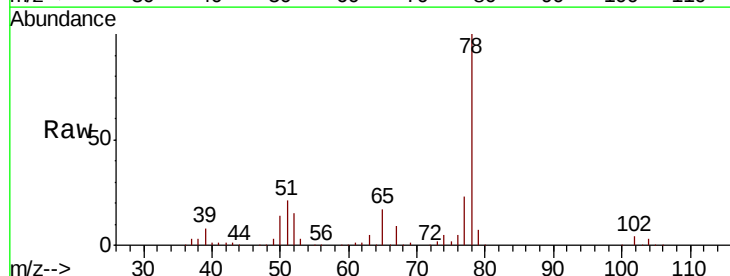


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

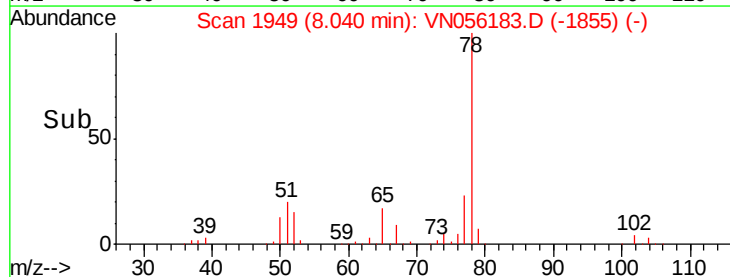
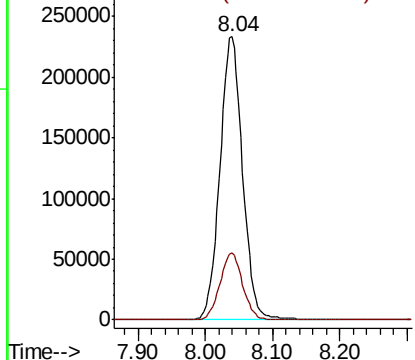


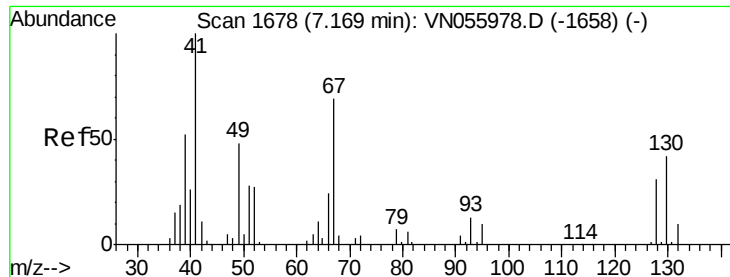
#40
Benzene
Concen: 51.800 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

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

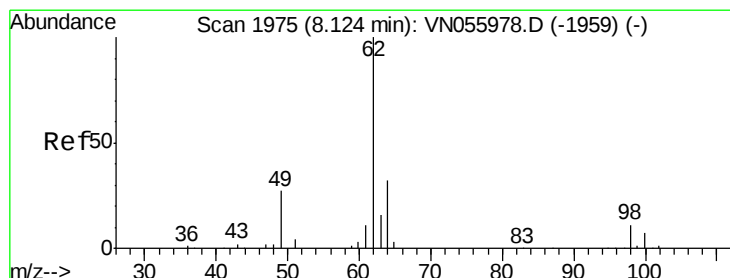
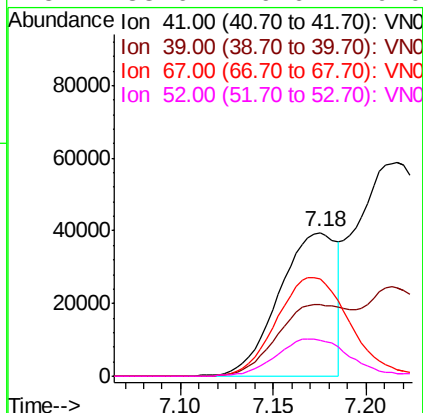
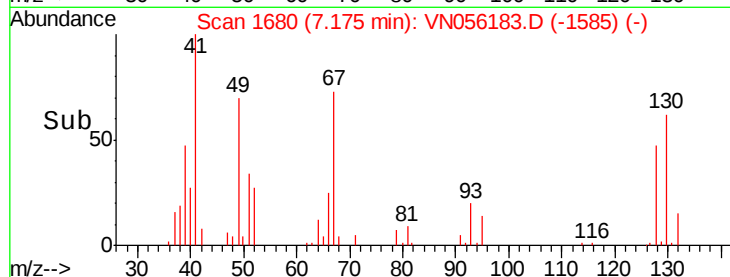
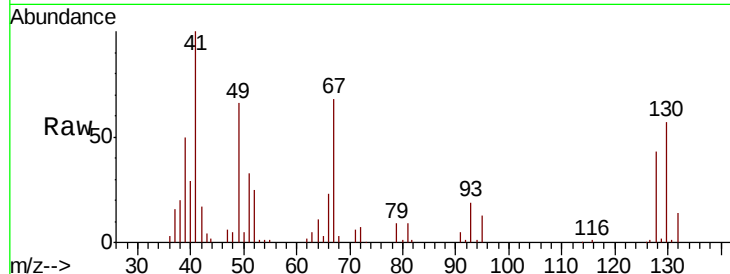




#41
Methacrylonitrile
Concen: 59.948 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

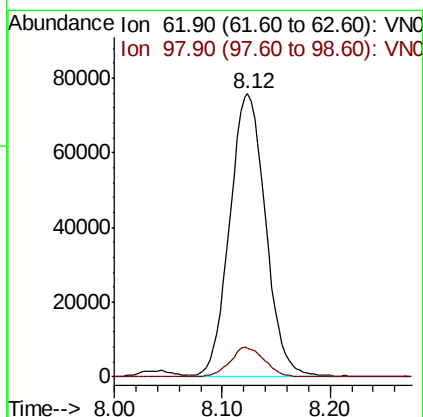
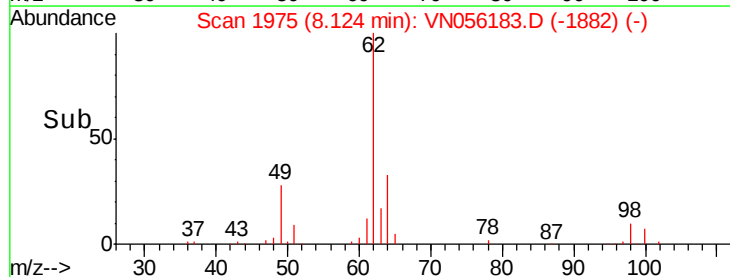
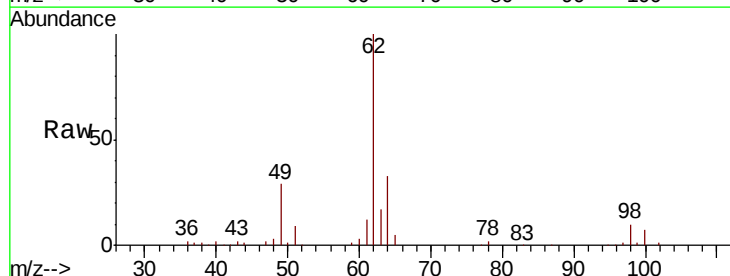
Instrument :
MSVOA_N
ClientSampled :

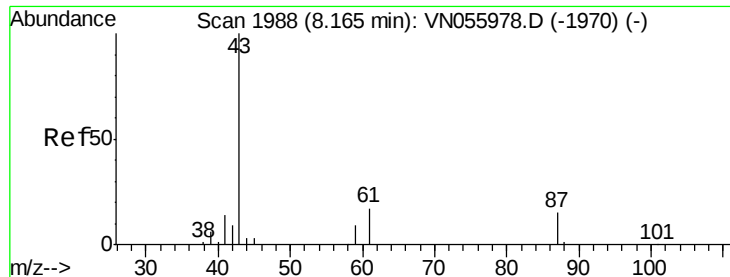
Tot Ion: 41 Resp: 85621
Ion Ratio Lower Upper
41 100
39 63.8 45.6 68.4
67 87.6 67.7 101.5
52 33.6 26.6 40.0



#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

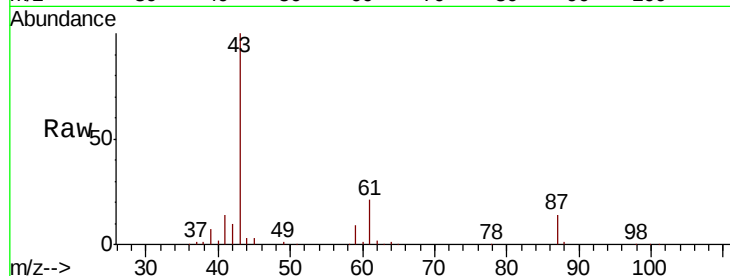
Instrument :

MSVOA_N

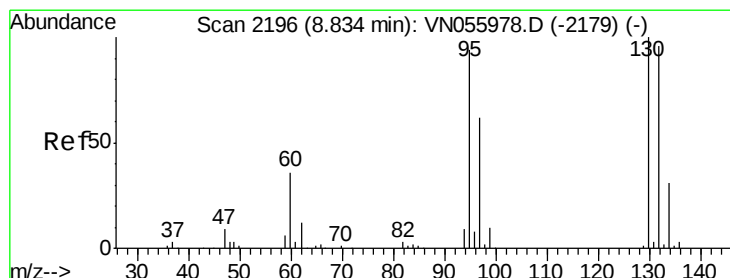
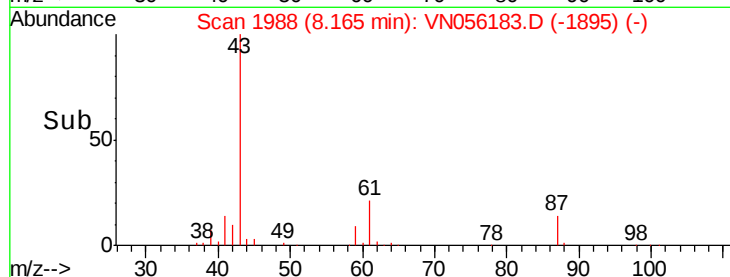
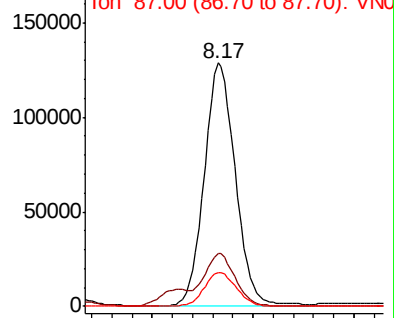
ClientSampleId :

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) (-)



#44

Trichloroethene

Concen: 49.903 ug/l

RT: 8.83 min Scan# 2196

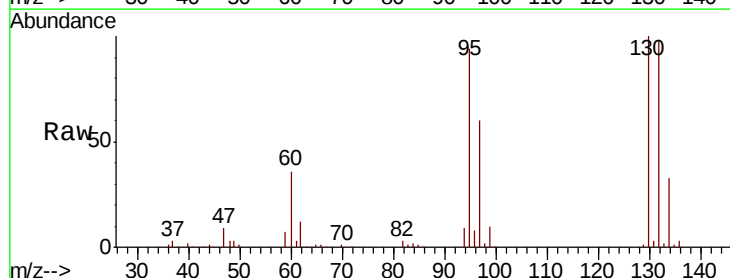
Delta R.T. 0.00 min

Lab File: VN056183.D

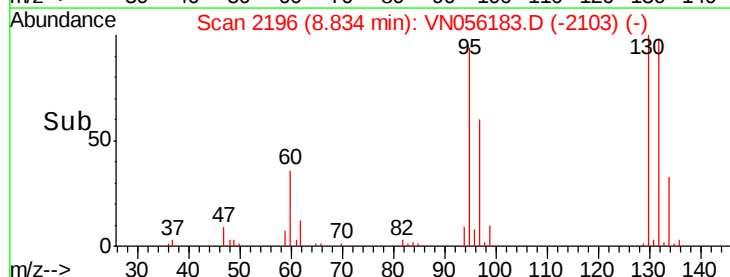
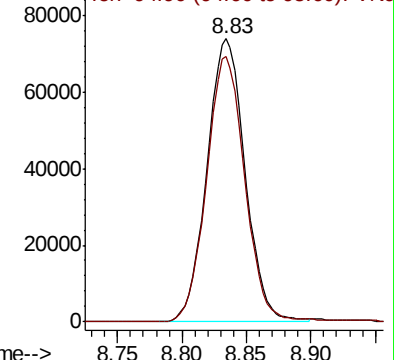
Acq: 10 Jun 2019 21:38

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) (-)

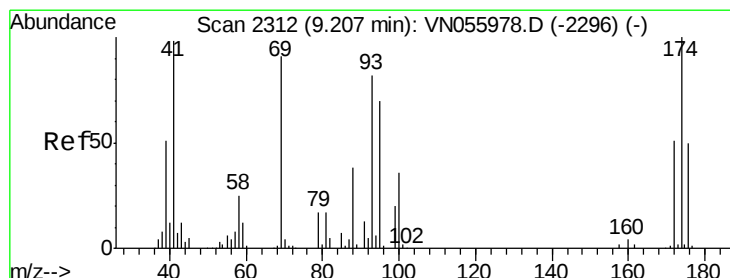
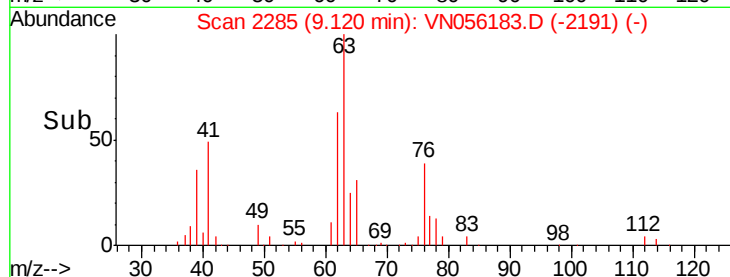
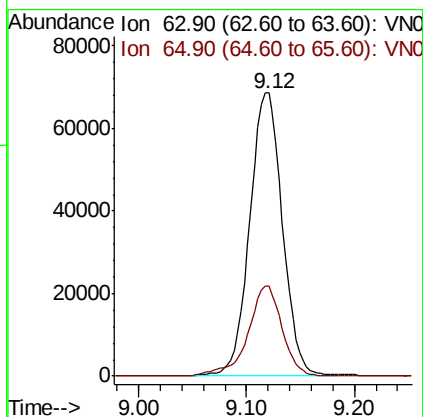
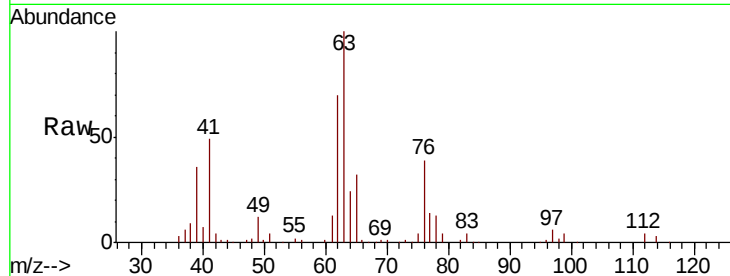




#45
 1,2-Dichloropropane
 Concen: 53.388 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

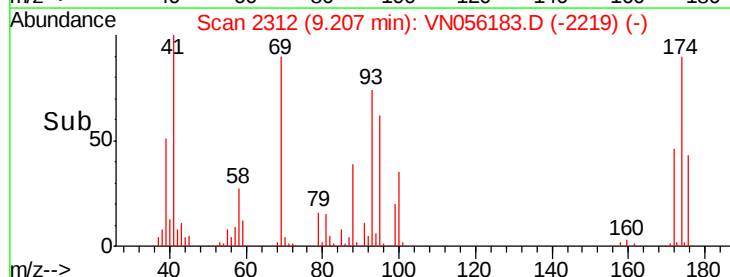
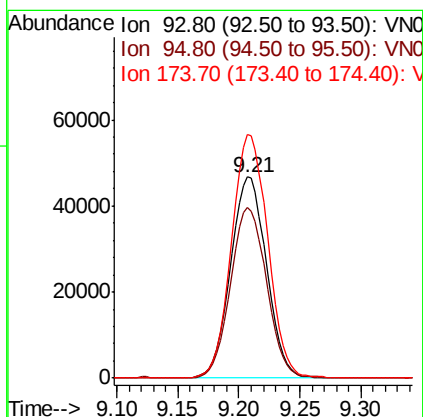
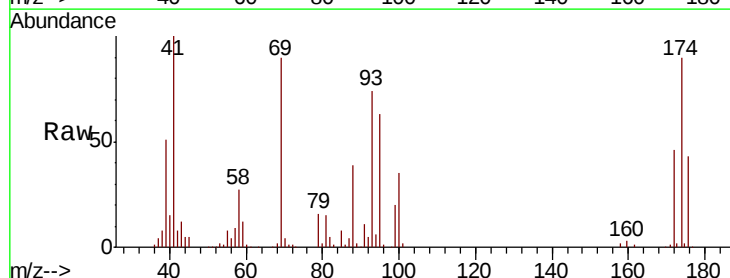
Instrument :
 MSVOA_N
 ClientSampleId :

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 :

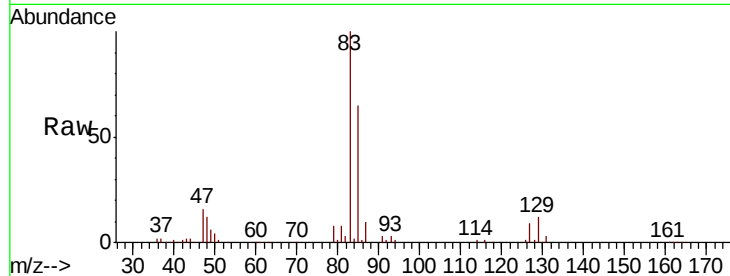
Tot Ion: 83 Resp: 182093

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.2

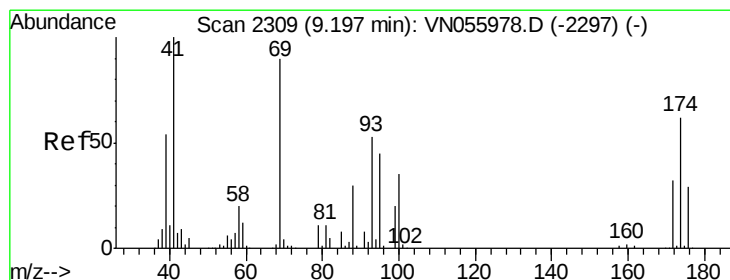
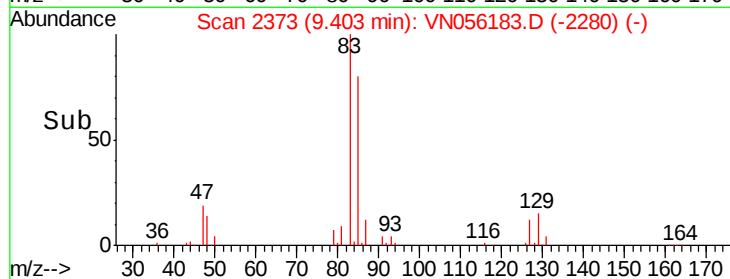
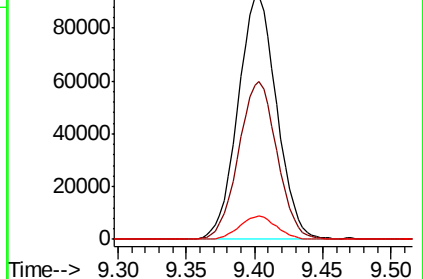
127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2356) (-)



#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

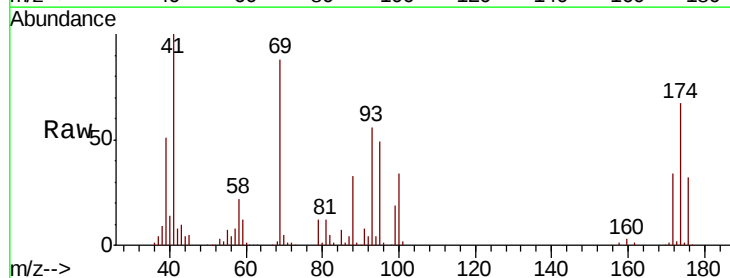
Tgt Ion: 41 Resp: 139082

Ion Ratio Lower Upper

41 100

69 89.6 71.0 106.6

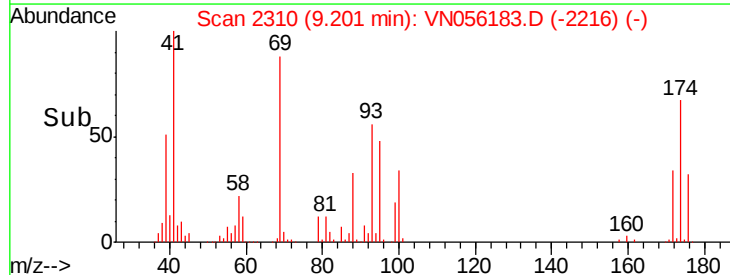
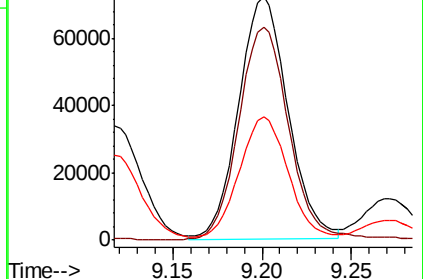
39 50.7 44.2 66.2

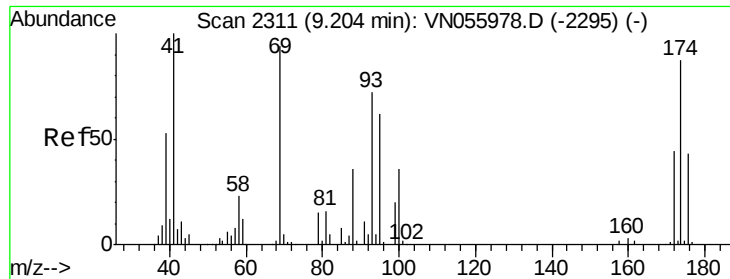


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)





#49

1,4-Dioxane

Concen: 1114.096 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

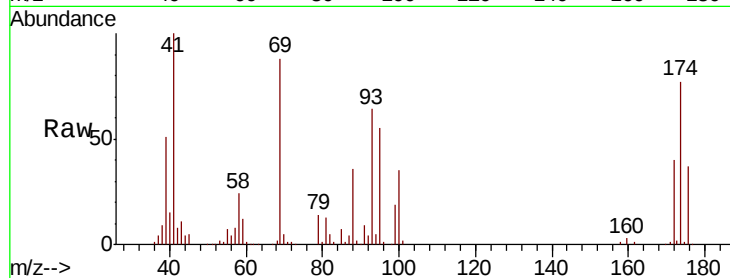
Lab File: VN056183.D

Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :

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



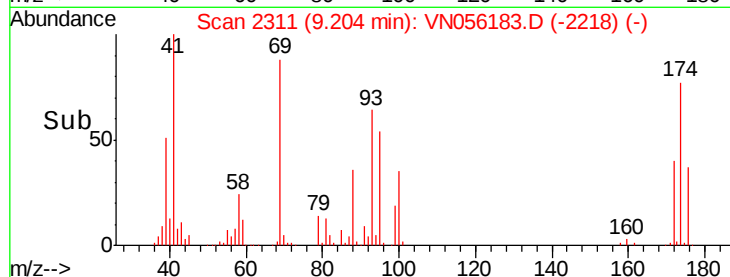
Abundance

Ion 88.00 (87.70 to 88.70): VN0

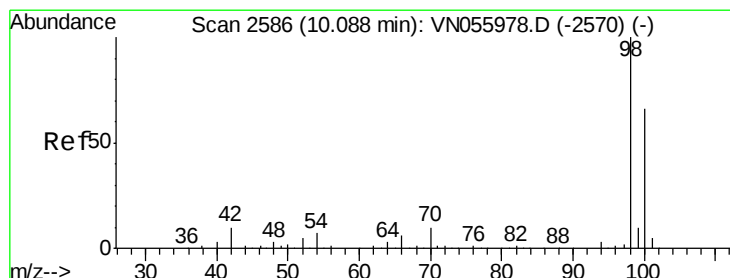
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

Time-->



Time-->



#50

Toluene-d8

Concen: 51.388 ug/l

RT: 10.09 min Scan# 2587

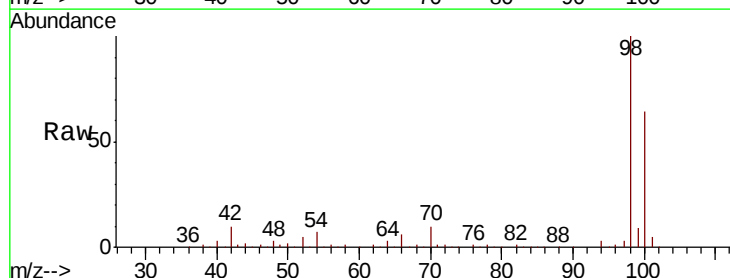
Delta R.T. 0.00 min

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

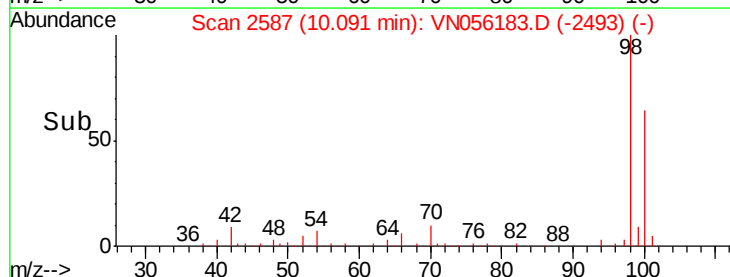


Abundance

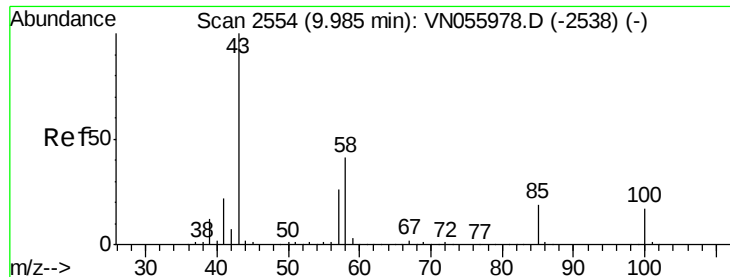
Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

Time-->



Time-->



#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

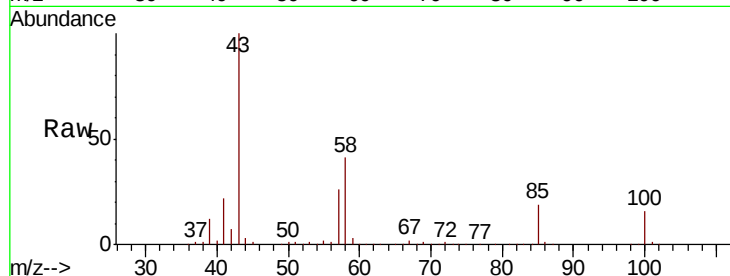
Instrument :
MSVOA_N
ClientSampled :

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): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

500000

400000

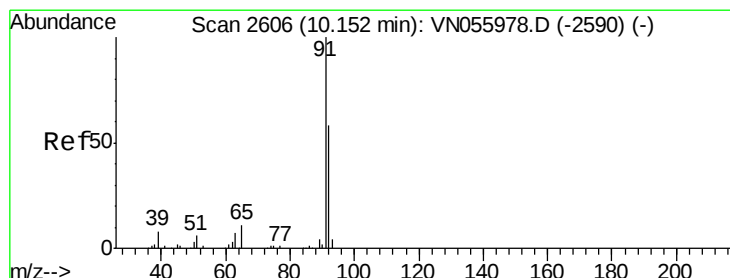
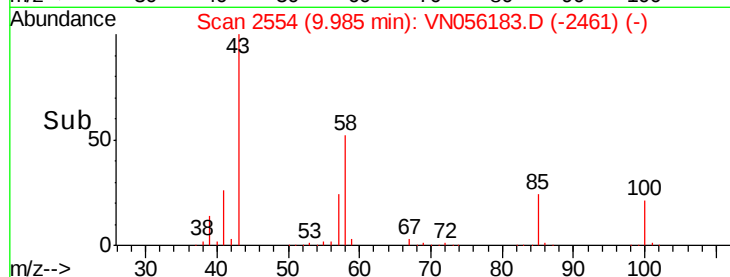
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.721 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056183.D

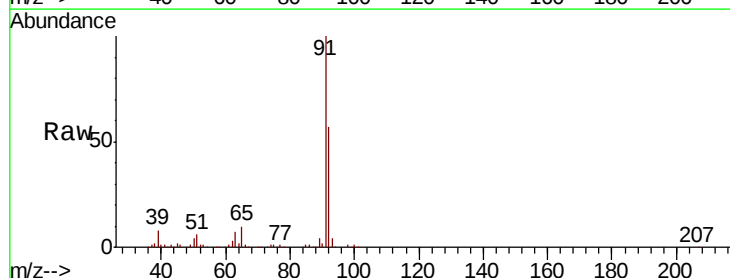
Acq: 10 Jun 2019 21:38

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): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.16

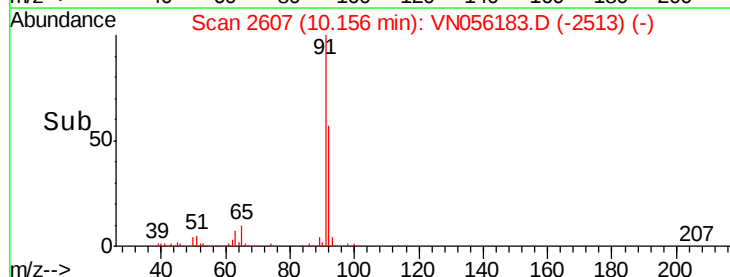
300000

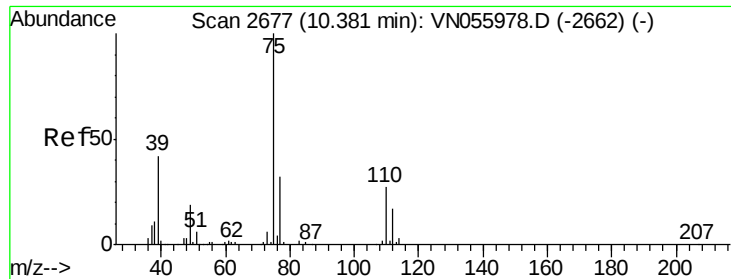
200000

100000

0

Time-->





#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

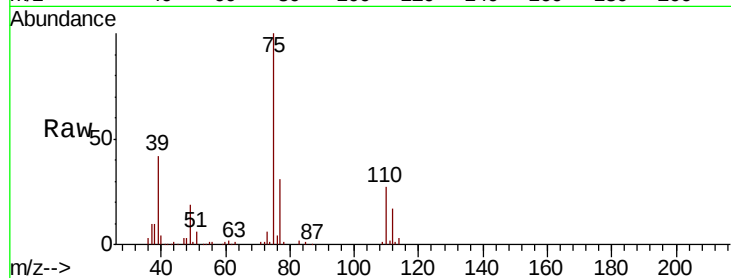
ClientSampled :

Tot Ion: 75 Resp: 180822

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

120000

100000

80000

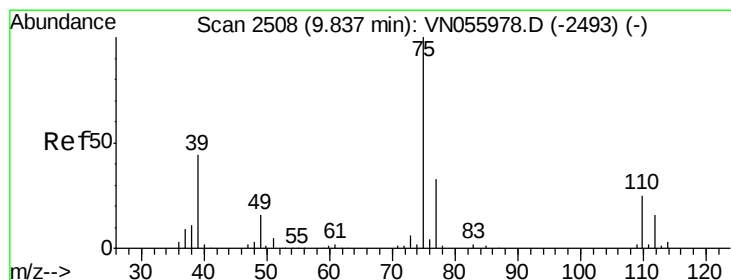
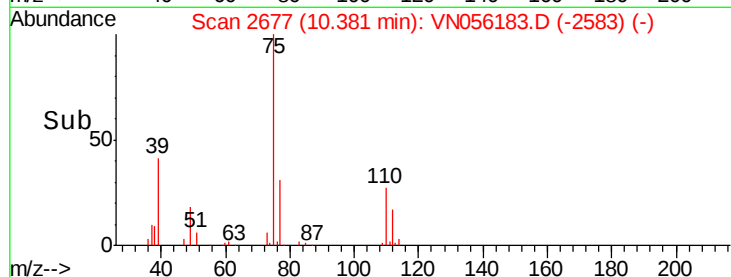
60000

40000

20000

0

Time-->



#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

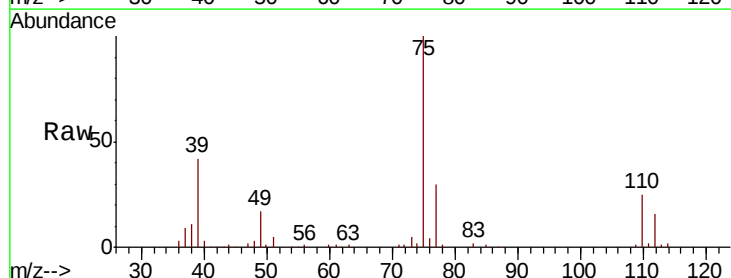
Tgt Ion: 75 Resp: 211393

Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

39 42.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

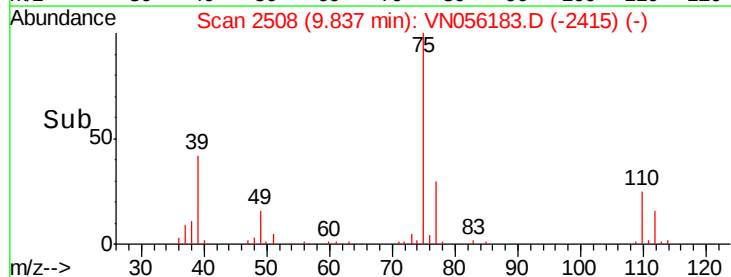
150000

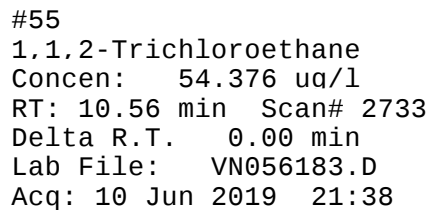
100000

50000

0

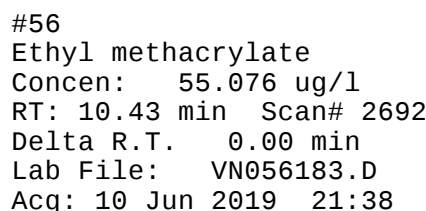
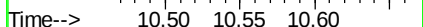
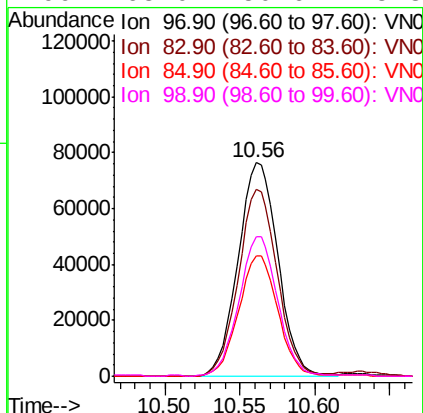
Time-->



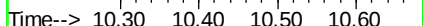
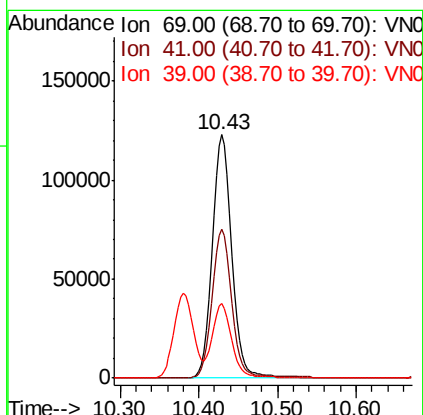


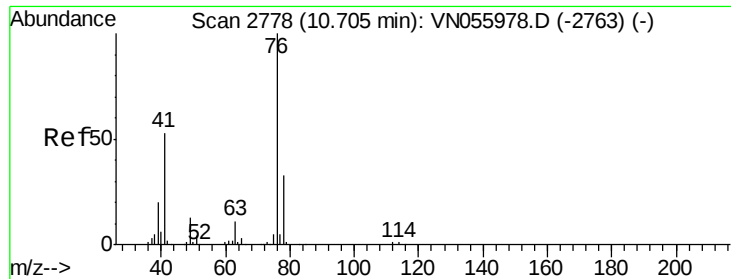
Instrument : MSVOA_N
ClientSampleId :

Tat	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



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

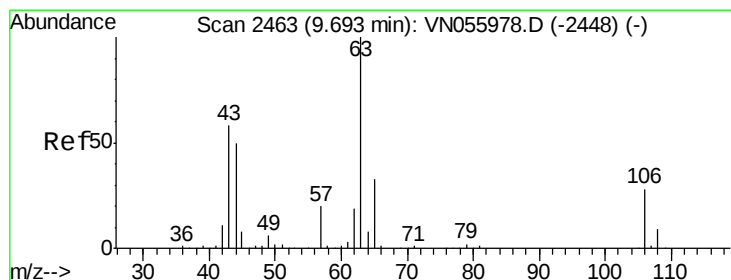
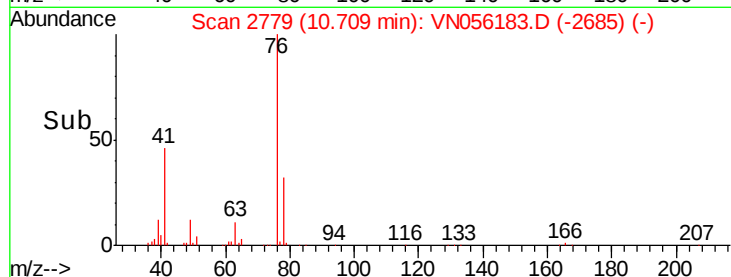
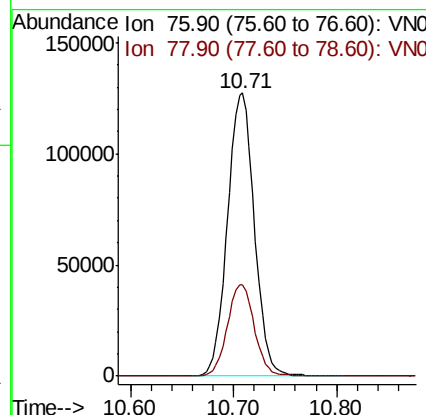
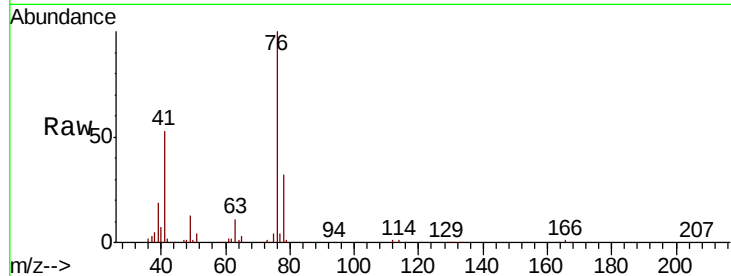




#57
 1,3-Dichloropropane
 Concen: 54.578 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

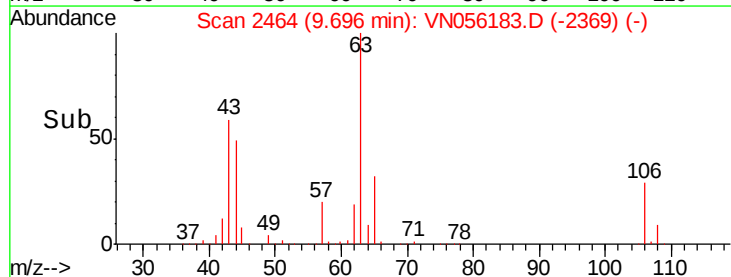
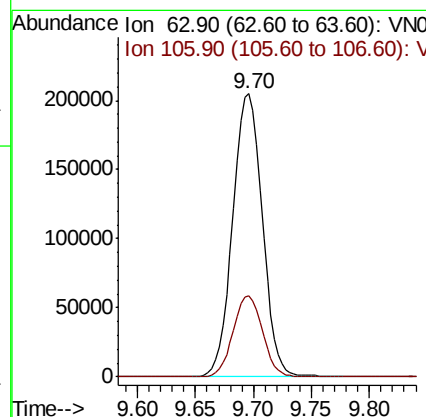
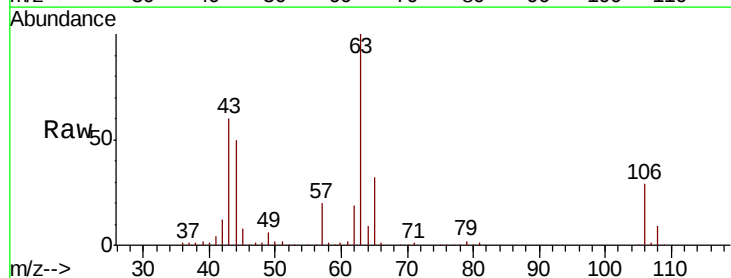
Instrument :
 MSVOA_N
 ClientSampled :

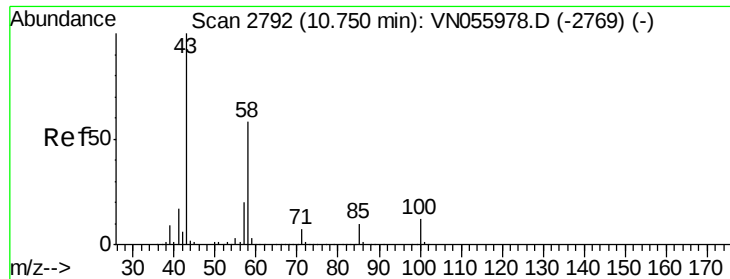
Tot Ion: 76 Resp: 231741
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#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

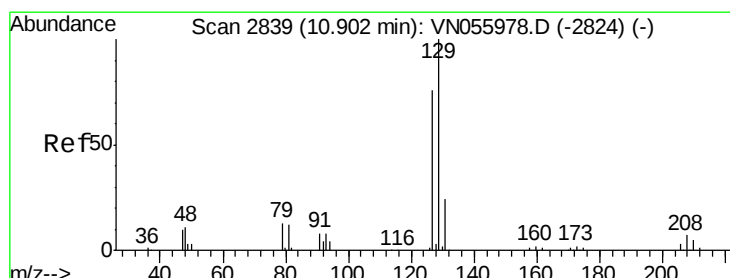
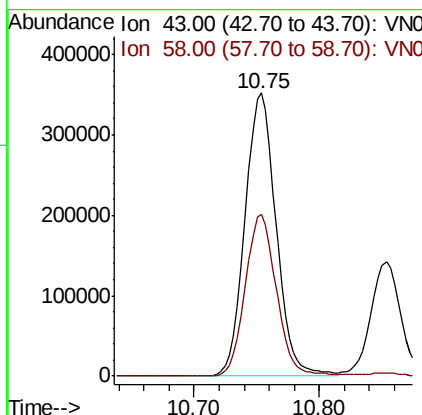
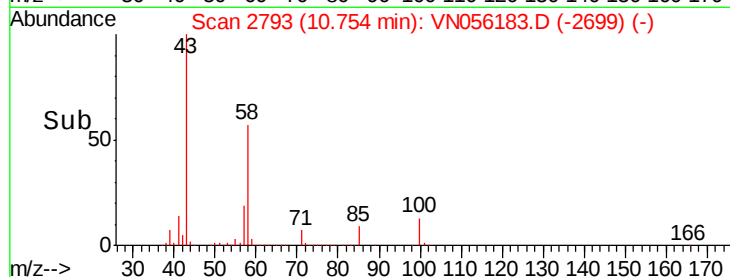
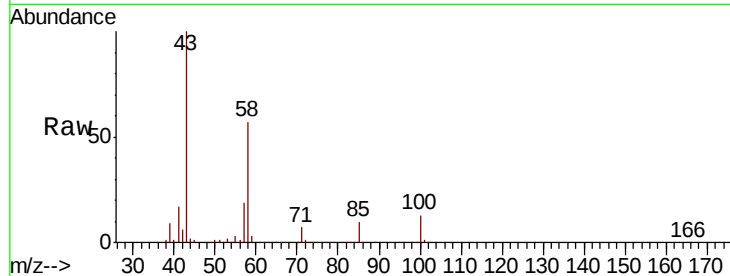




#59
2-Hexanone
Concen: 266.375 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

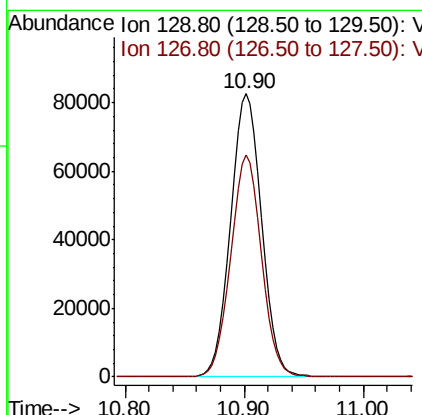
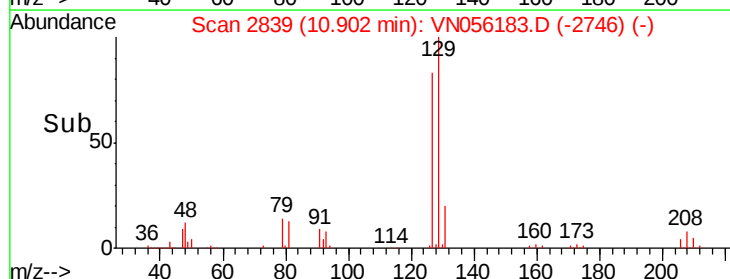
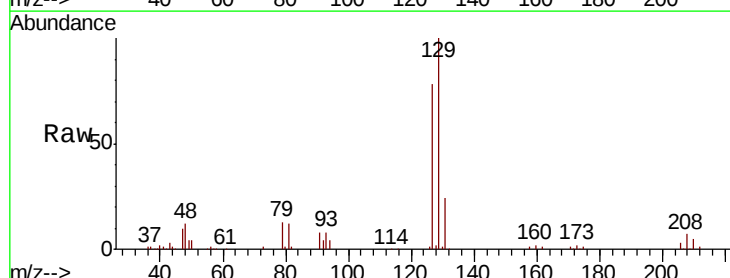
Instrument :
MSVOA_N
ClientSampleId :

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

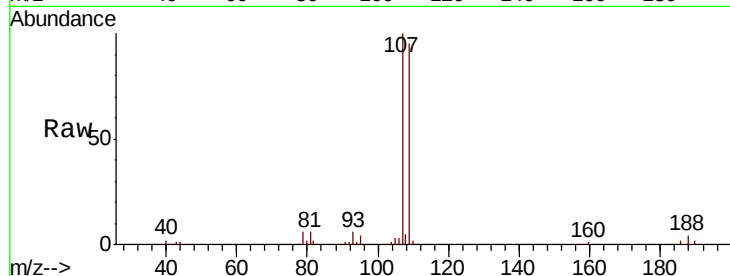
ClientSampleId :

Tot Ion: 107 Resp: 147136

Ion Ratio Lower Upper

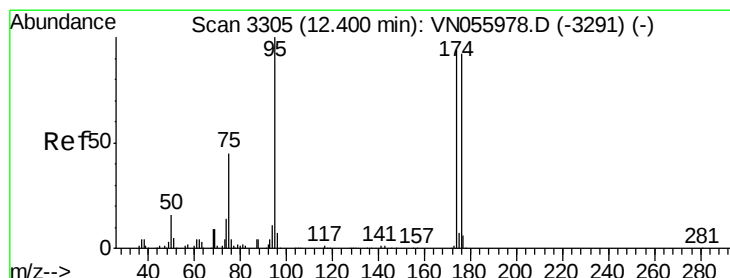
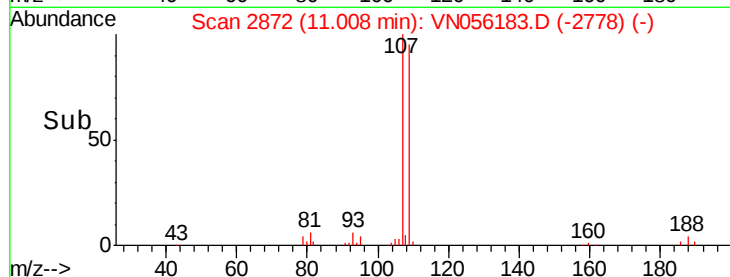
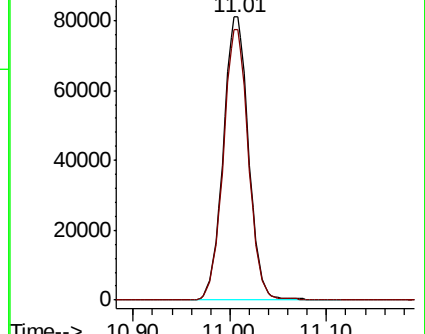
107 100

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

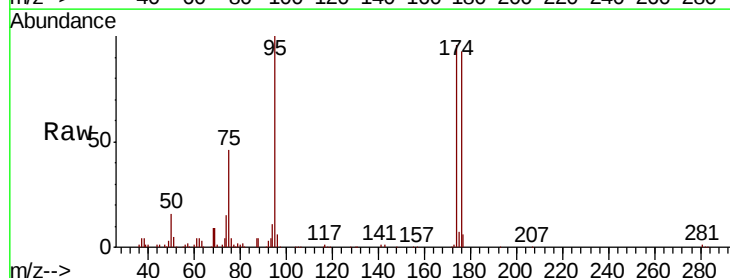
Tgt Ion: 95 Resp: 163758

Ion Ratio Lower Upper

95 100

174 96.9 0.0 191.0

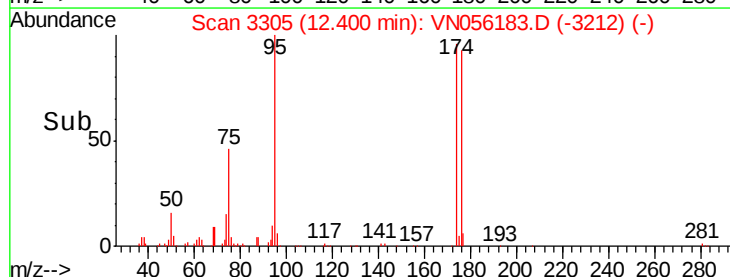
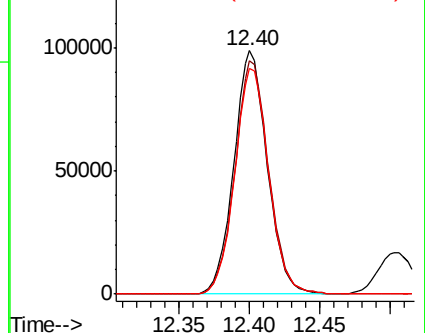
176 94.5 0.0 185.2

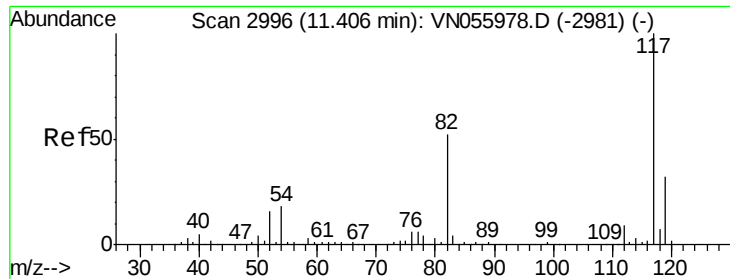


Abundance Ion 94.90 (94.60 to 95.60): V

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 :

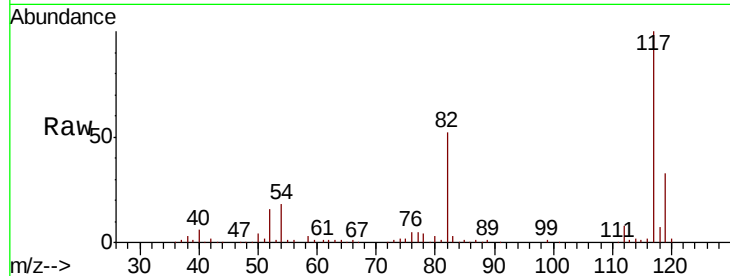
Tot Ion:117 Resp: 362756

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.8

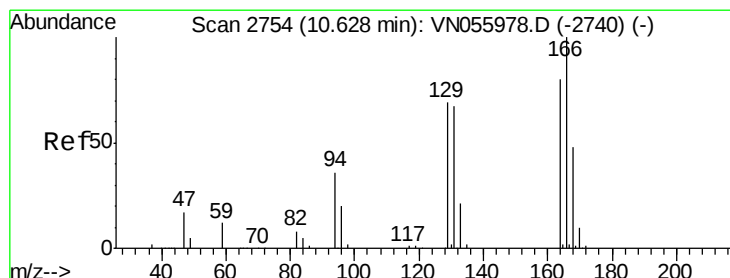
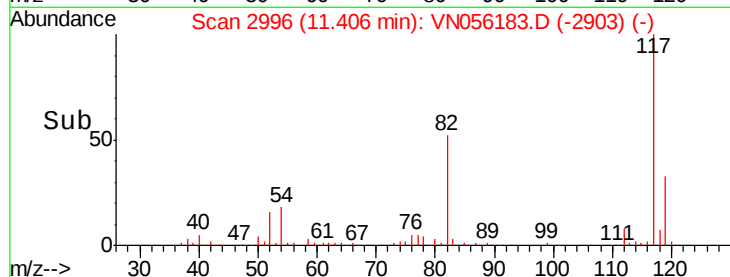
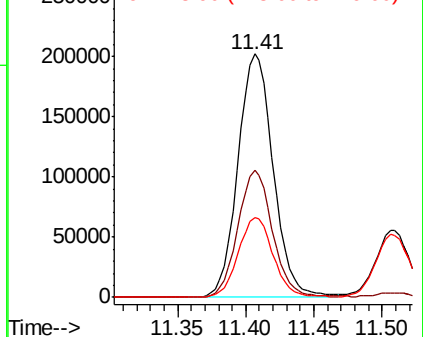
119 33.0 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#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

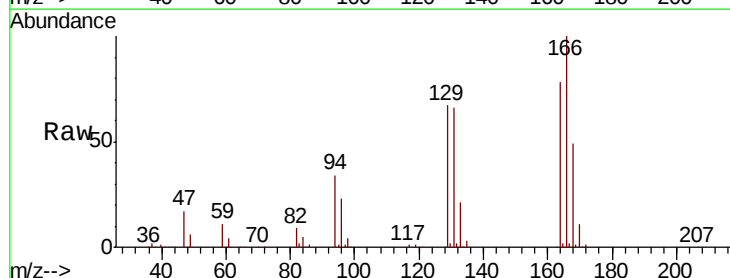
Ion Ratio Lower Upper

164 100

166 128.2 103.0 154.6

129 85.6 70.6 105.8

131 85.1 68.6 102.8

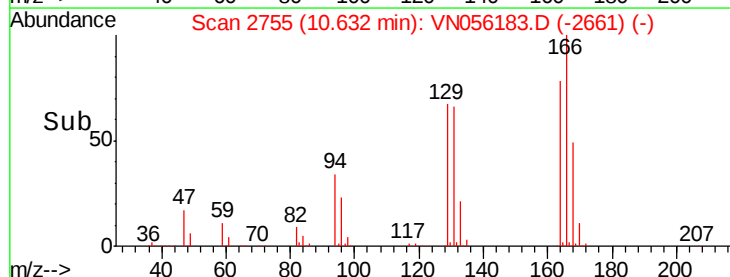
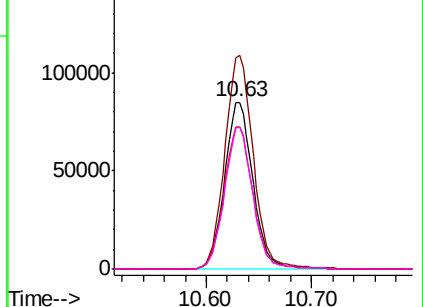


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

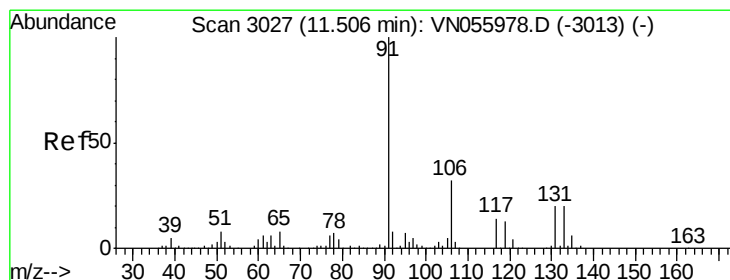
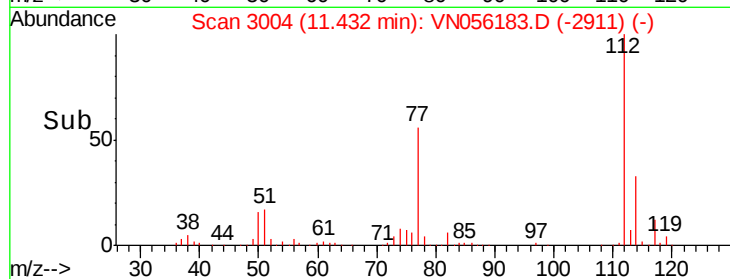
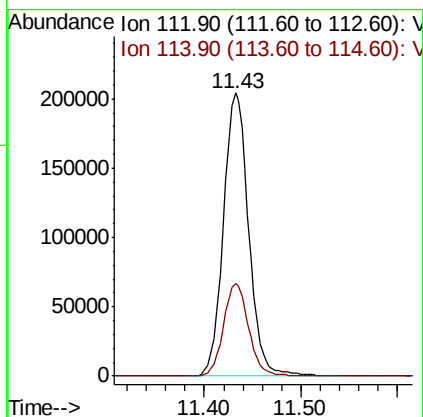
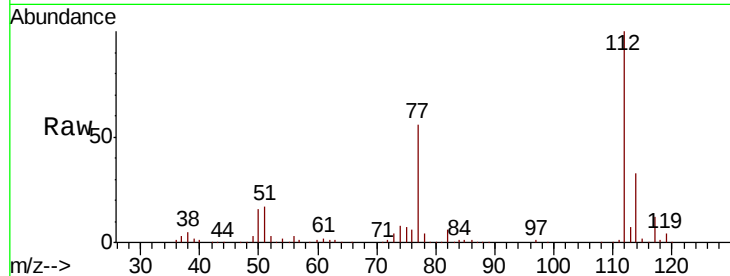




#65
Chlorobenzene
Concen: 51.096 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

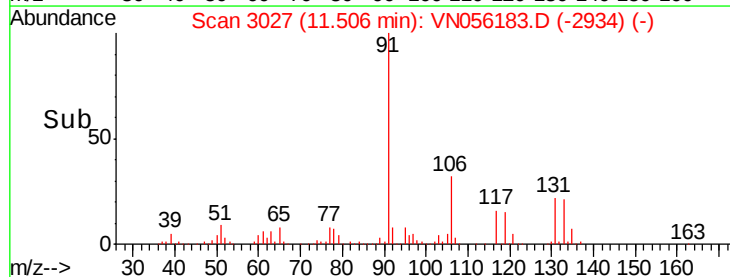
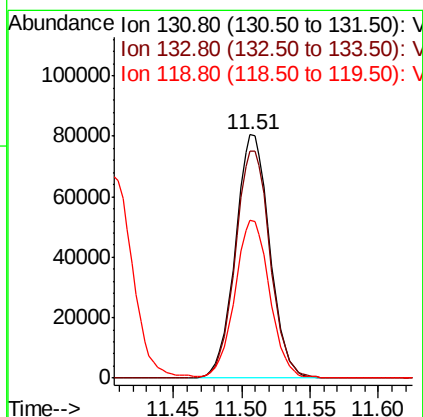
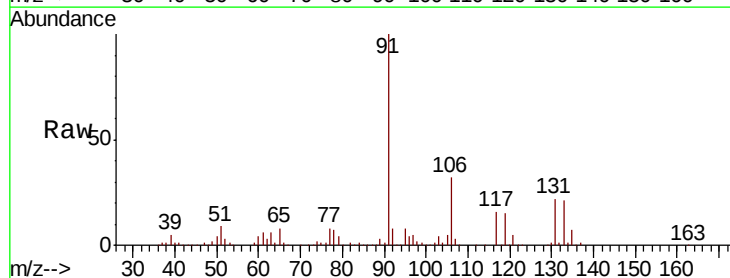
Instrument :
MSVOA_N
ClientSampled :

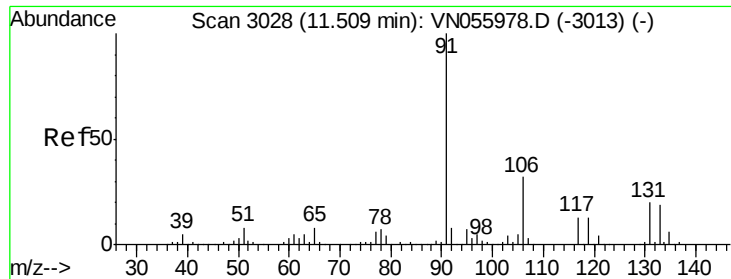
Tot Ion:112 Resp: 368893
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#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

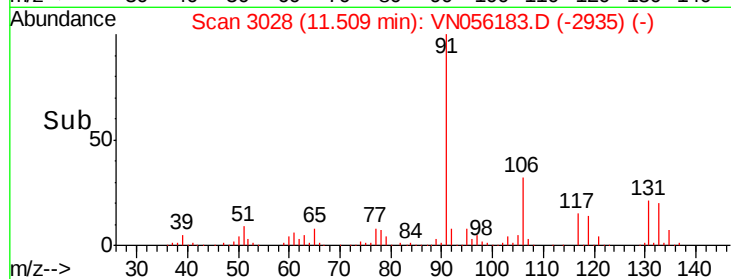
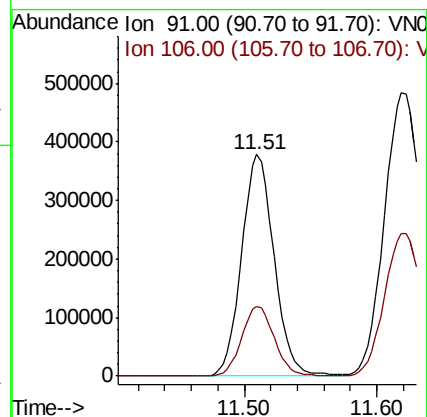
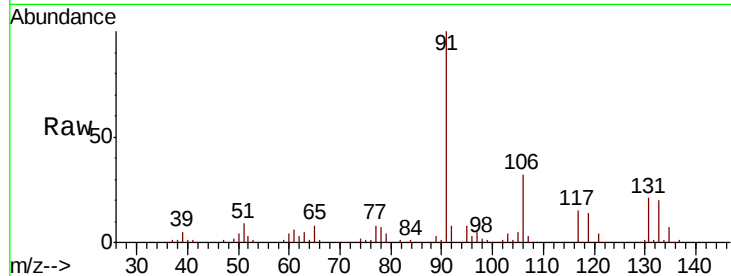




#67
Ethyl Benzene
Concen: 51.361 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

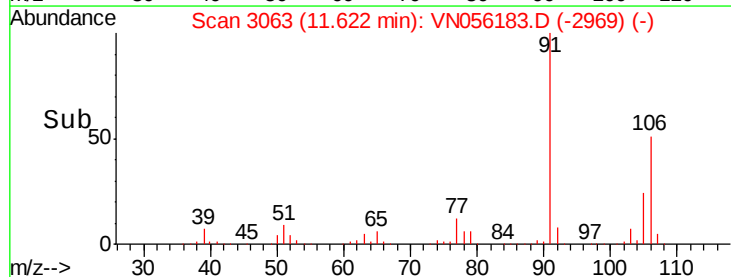
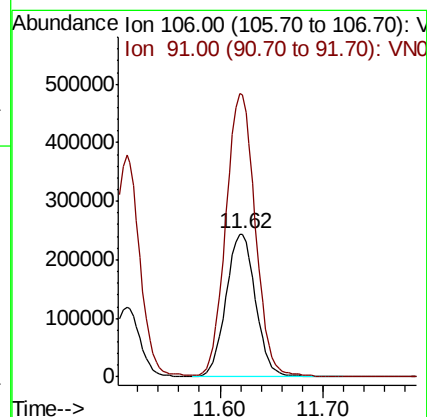
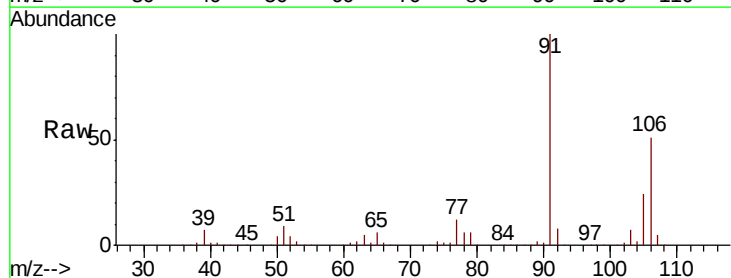
Instrument :
MSVOA_N
ClientSampled :

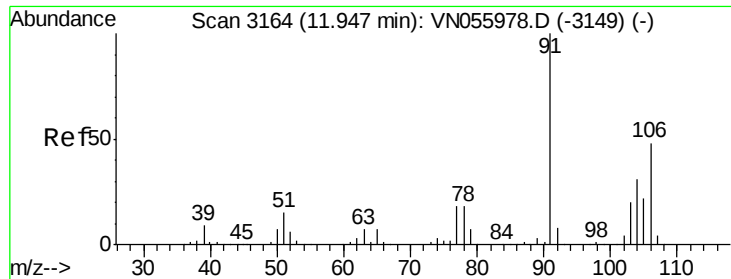
Tot Ion: 91 Resp: 644771
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#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

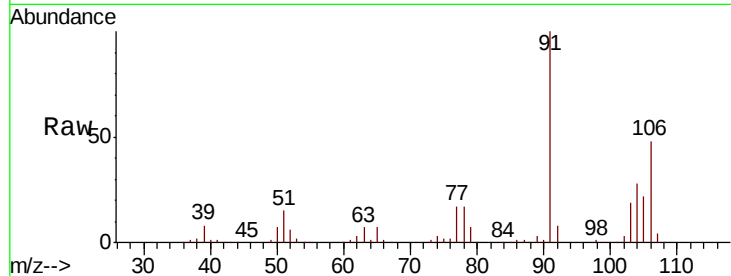




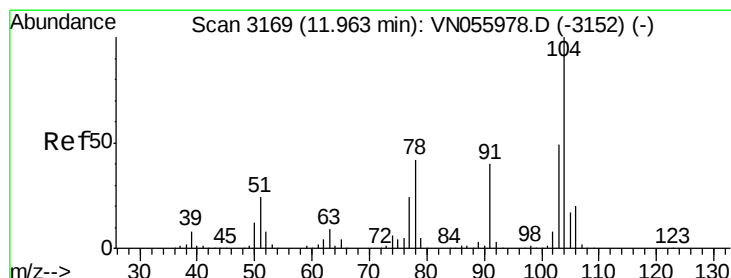
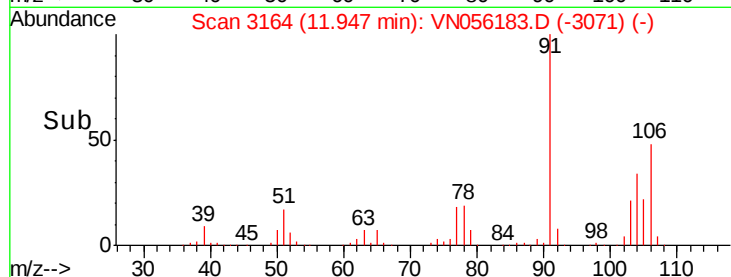
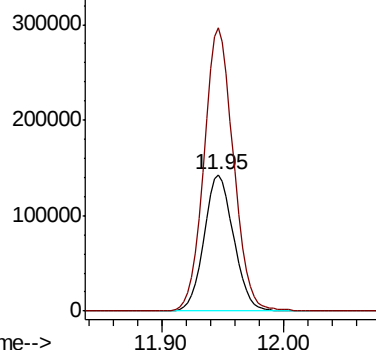
#69
o-Xylene
Concen: 50.799 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampled :

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

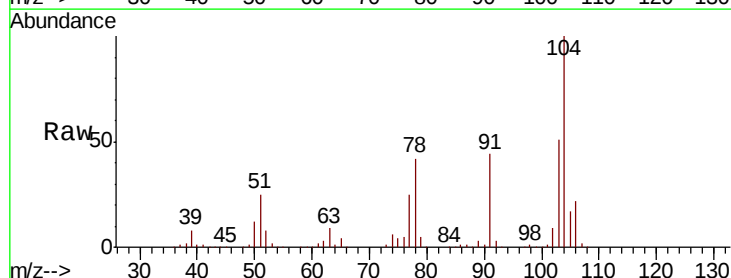


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

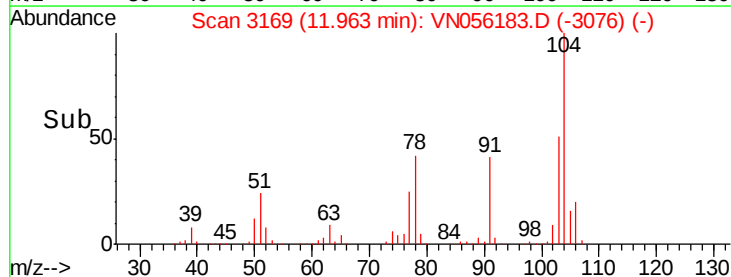
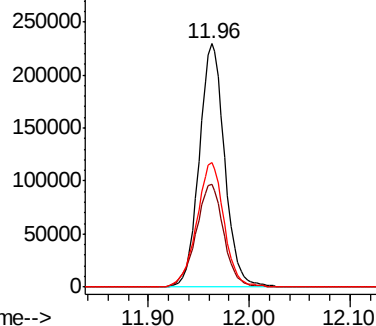


#70
Styrene
Concen: 53.747 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

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

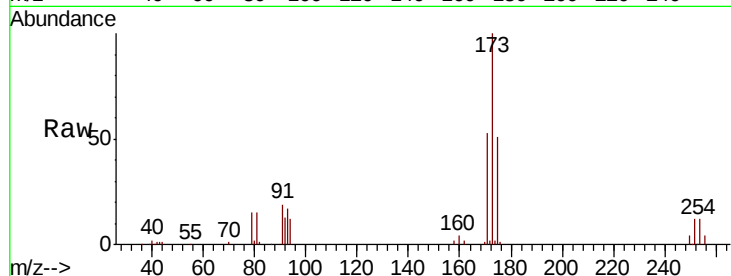




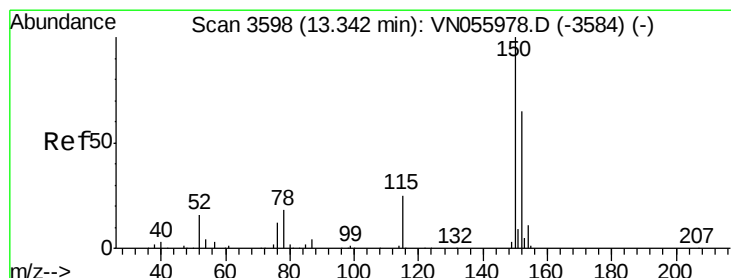
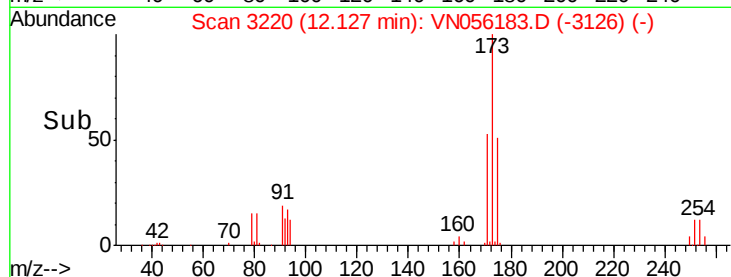
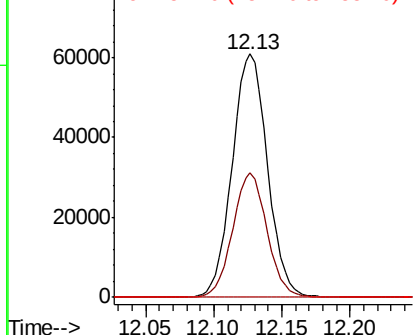
#71
Bromoform
Concen: 52.082 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :

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

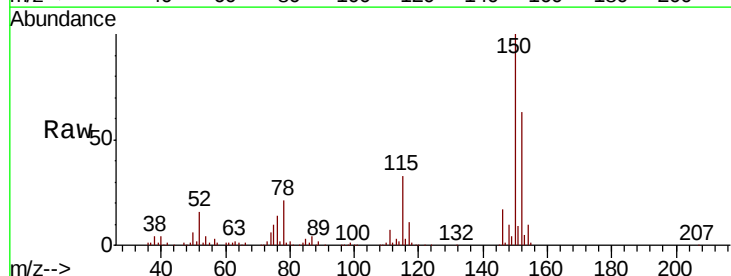


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

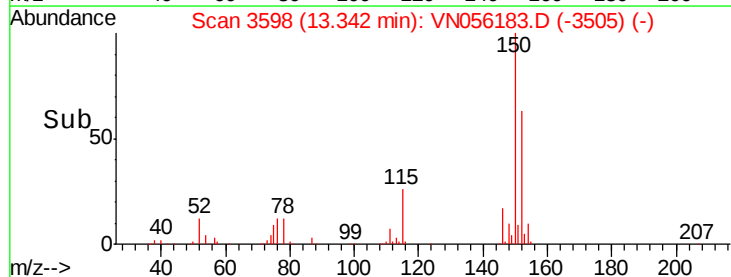
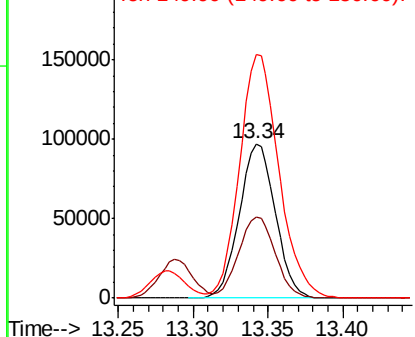


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

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



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#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

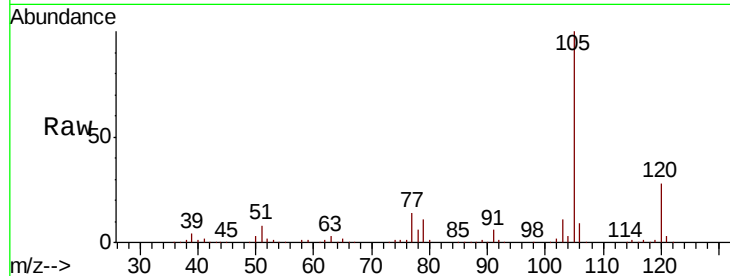
ClientSampleId :

Tot Ion:105 Resp: 633836

Ion Ratio Lower Upper

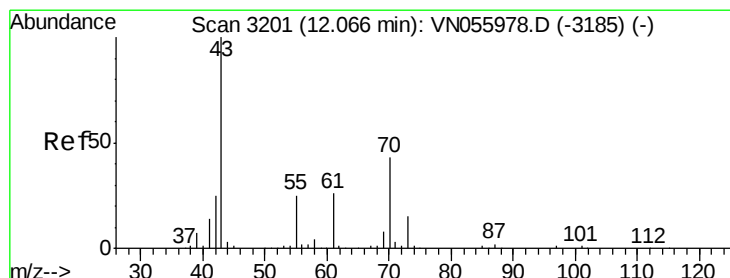
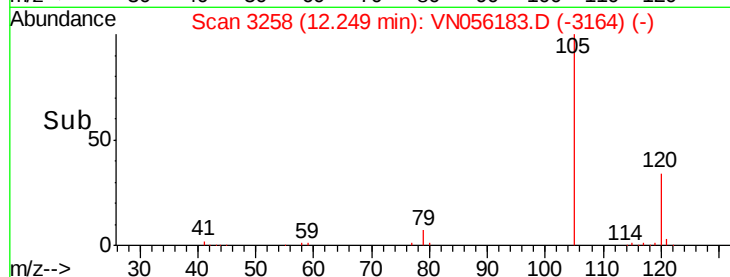
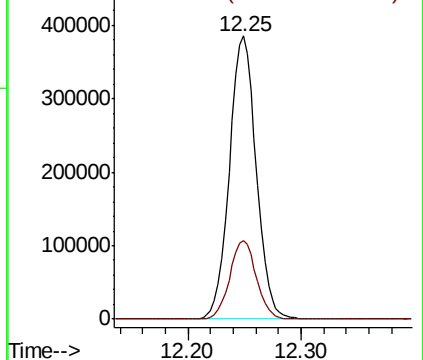
105 100

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

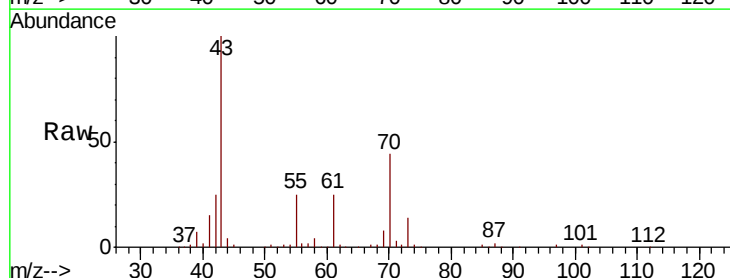
Ion Ratio Lower Upper

43 100

70 43.9 34.0 51.0

55 25.6 18.6 28.0

61 25.1 20.0 30.0

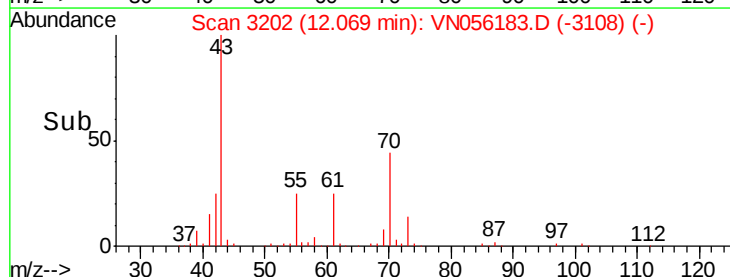
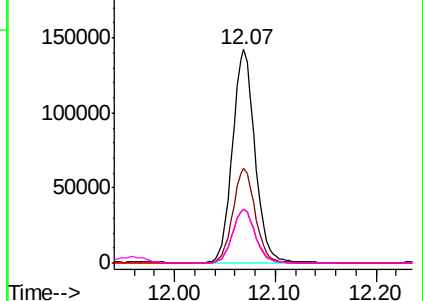


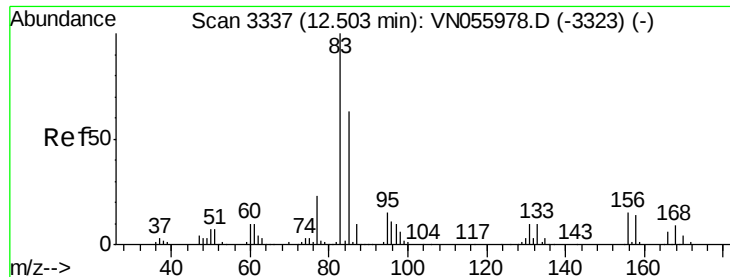
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#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 :

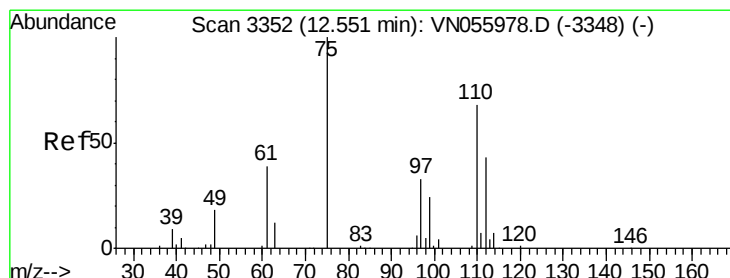
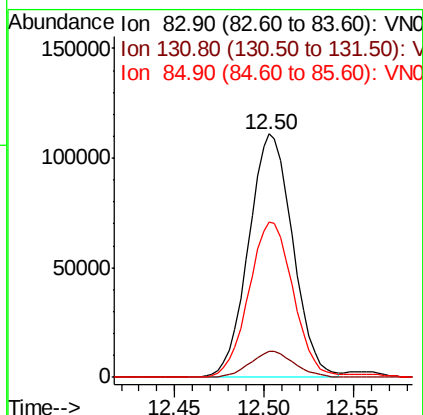
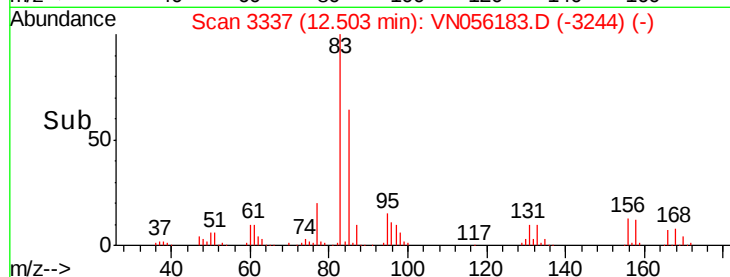
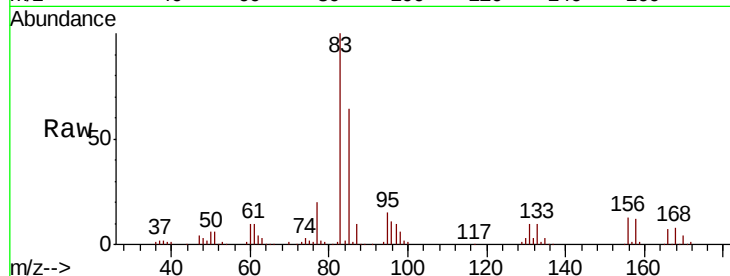
Tot Ion: 83 Resp: 192228

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.2 32.4 97.0



#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

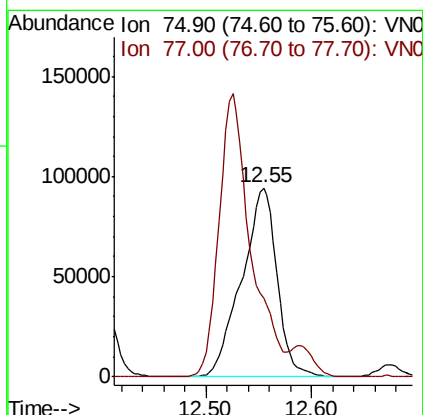
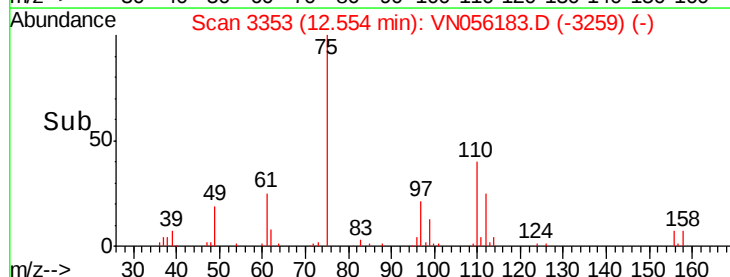
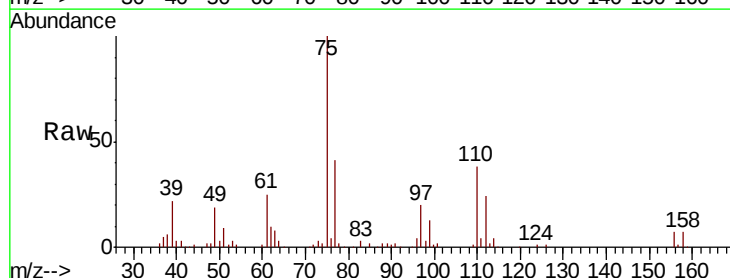
Acq: 10 Jun 2019 21:38

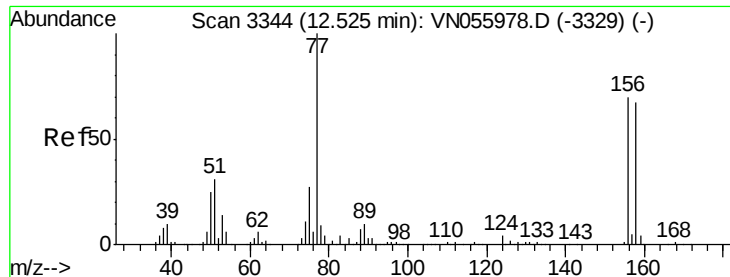
Tgt Ion: 75 Resp: 219788

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#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 :

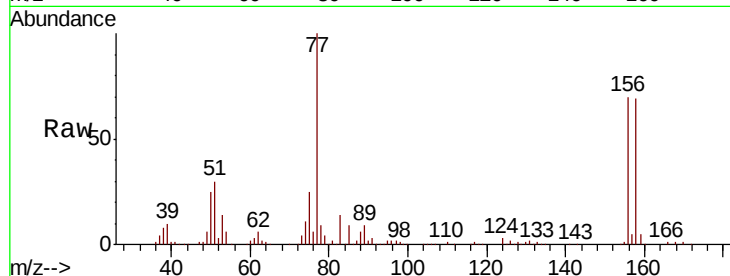
Tot Ion:156 Resp: 171002

Ion Ratio Lower Upper

156 100

77 174.3 90.8 272.5

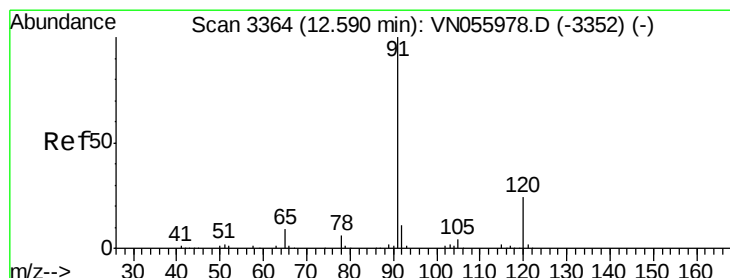
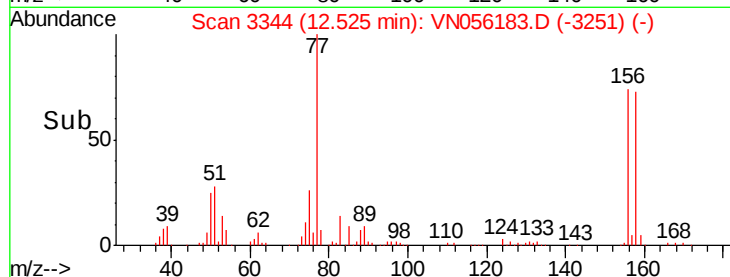
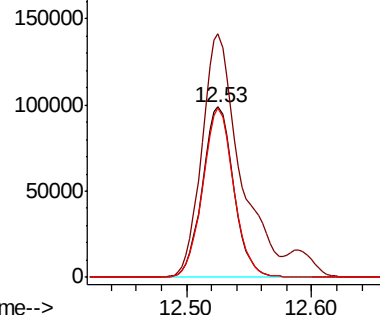
158 98.5 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

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

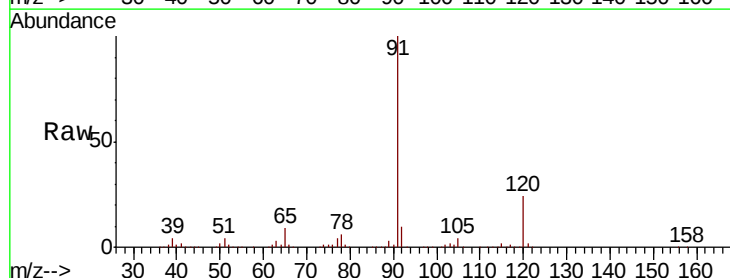
Acq: 10 Jun 2019 21:38

Tgt Ion: 91 Resp: 680719

Ion Ratio Lower Upper

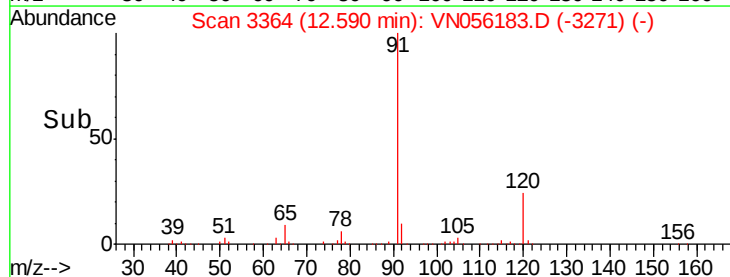
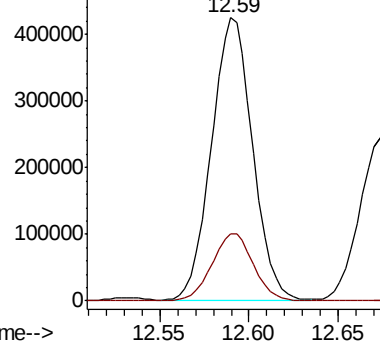
91 100

120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

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

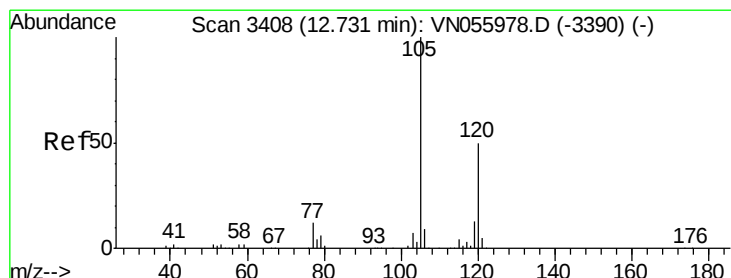
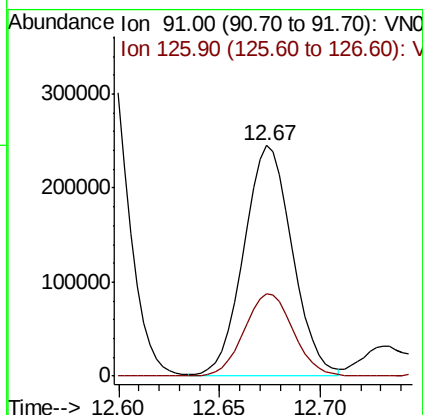
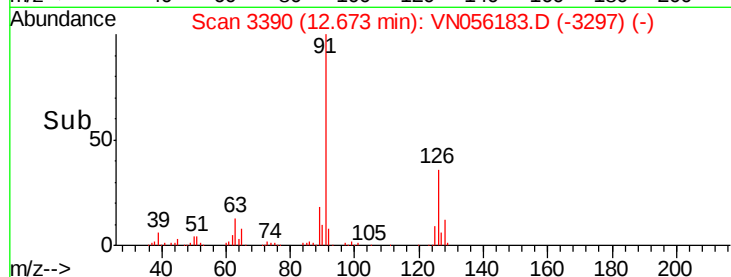
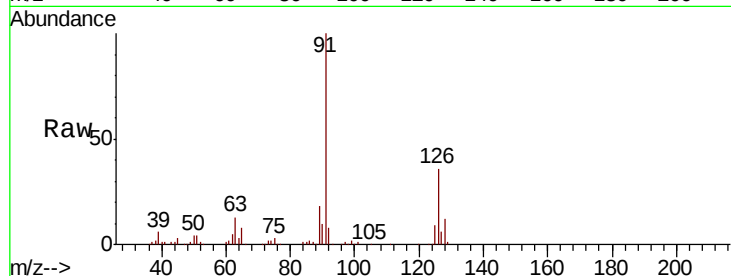
ClientSampleId :

Tot Ion: 91 Resp: 410008

Ion Ratio Lower Upper

91 100

126 36.6 18.1 54.4



#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

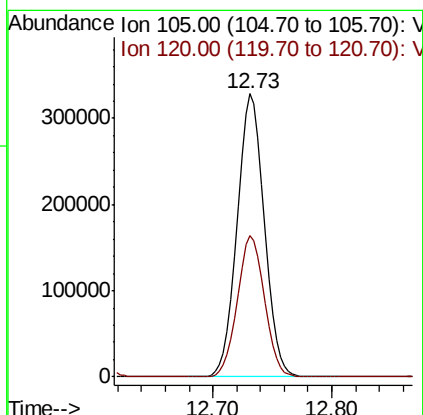
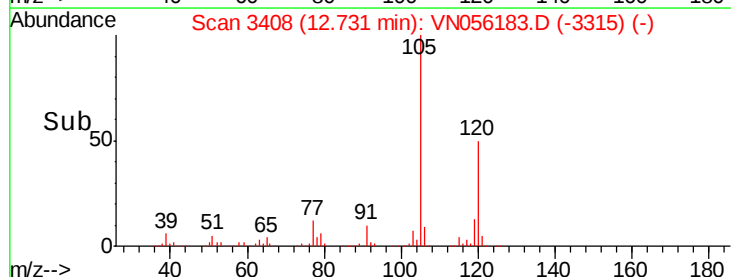
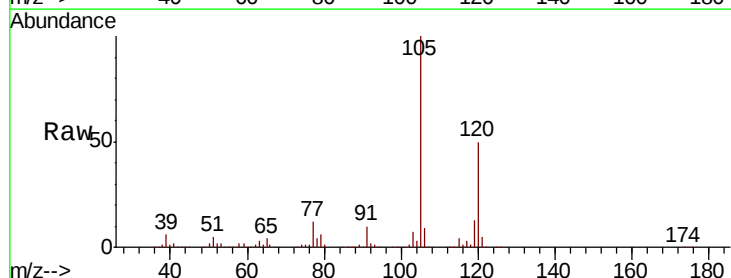
Acq: 10 Jun 2019 21:38

Tgt Ion: 105 Resp: 517768

Ion Ratio Lower Upper

105 100

120 50.1 24.7 74.1





#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

ClientSampled :

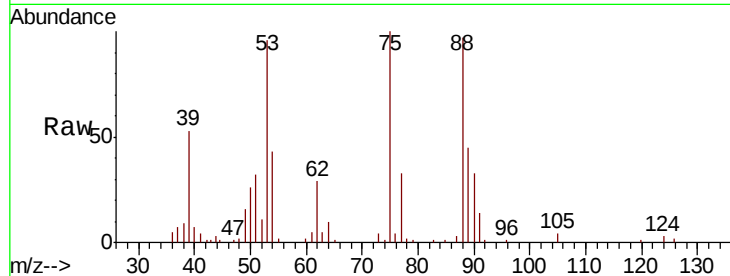
Tot Ion: 75 Resp: 46401

Ion Ratio Lower Upper

75 100

53 97.2 68.1 102.1

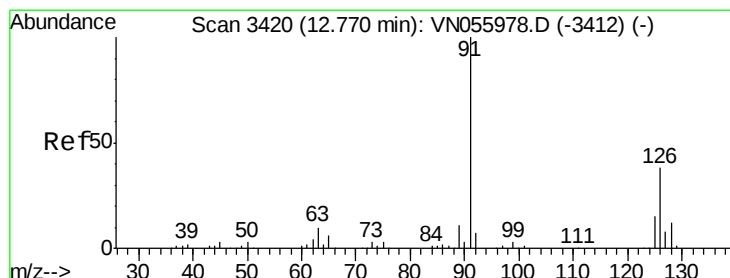
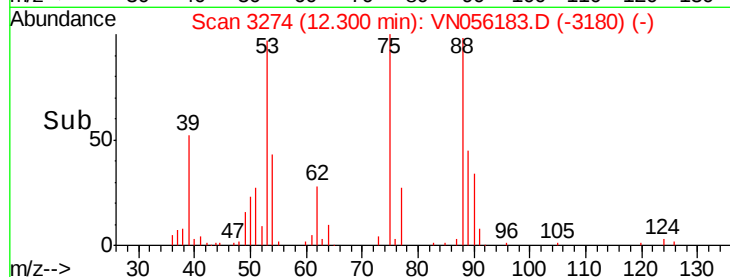
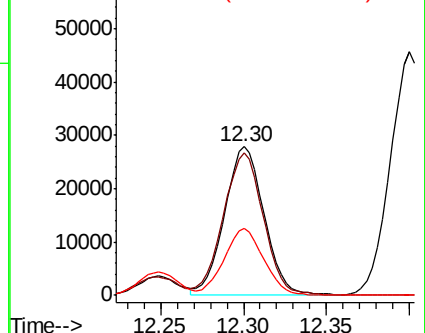
89 45.2 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 49.520 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056183.D

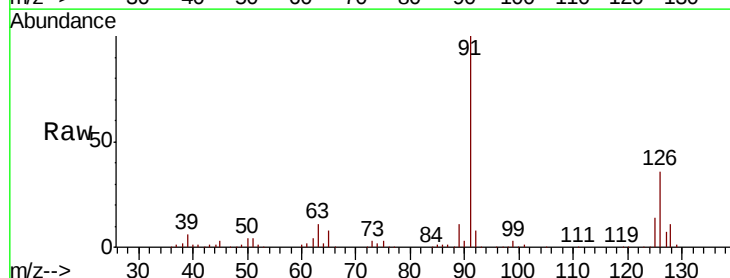
Acq: 10 Jun 2019 21:38

Tgt Ion: 91 Resp: 398118

Ion Ratio Lower Upper

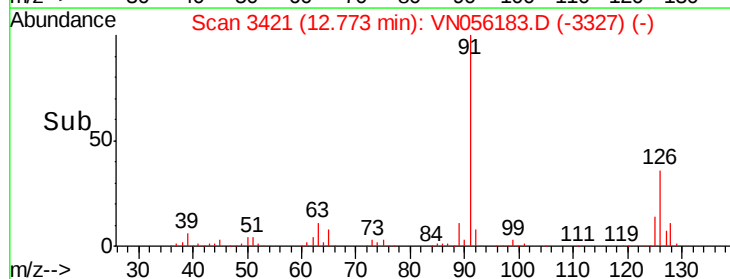
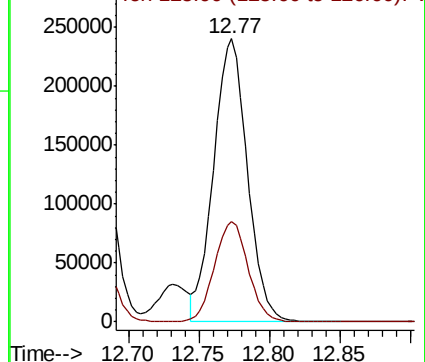
91 100

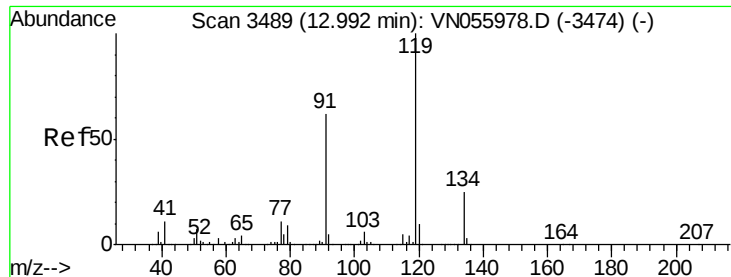
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3412) (-)

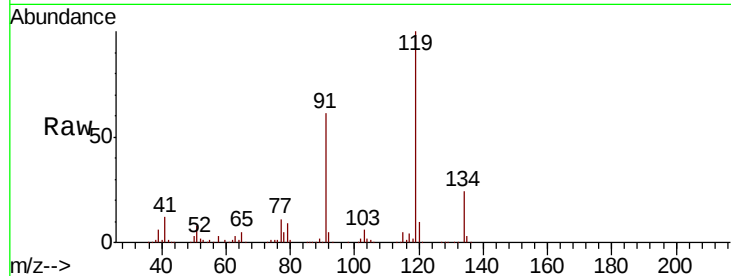




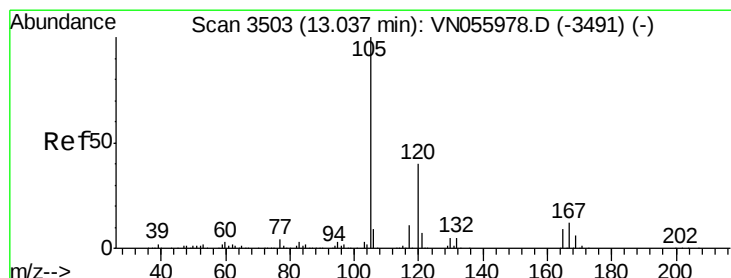
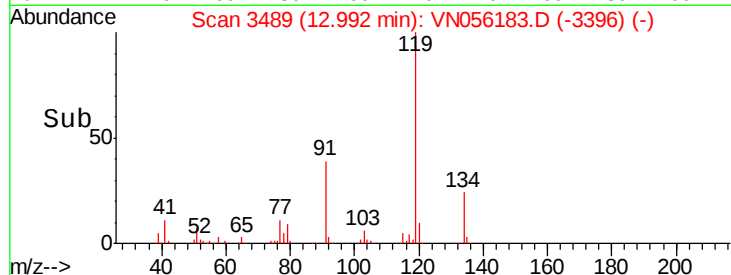
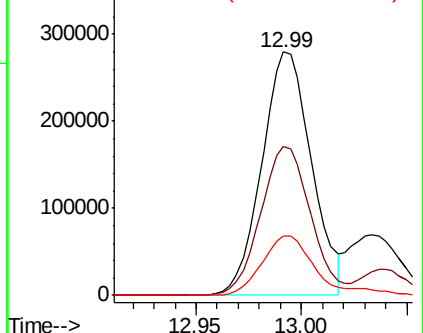
#83
tert-Butylbenzene
Concen: 54.358 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_N
ClientSampleId :

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

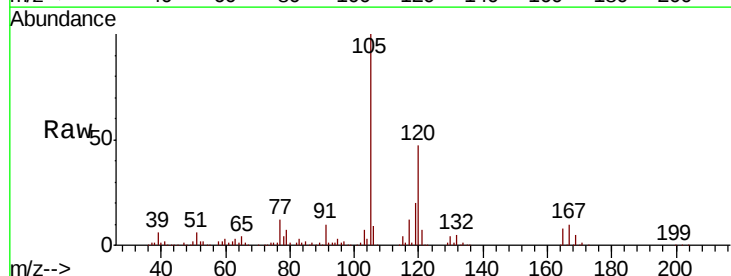


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

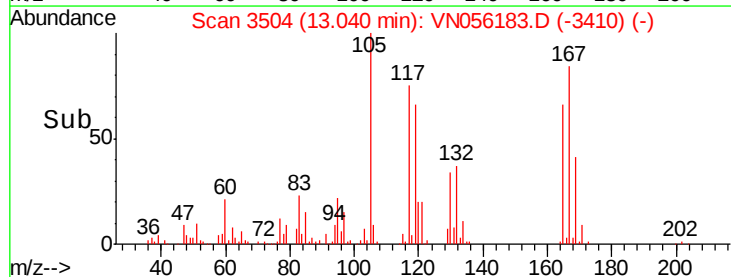
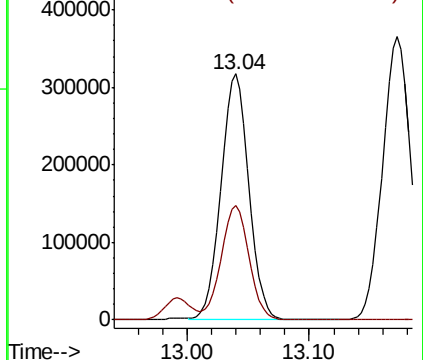


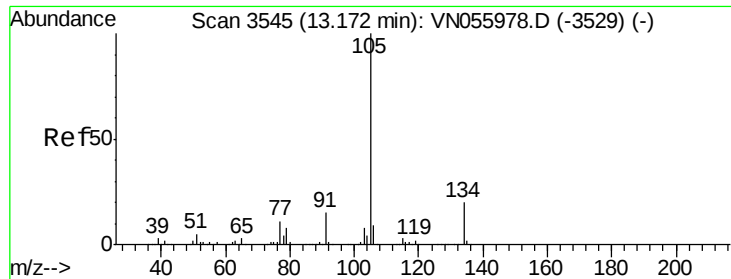
#84
1,2,4-Trimethylbenzene
Concen: 49.159 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

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

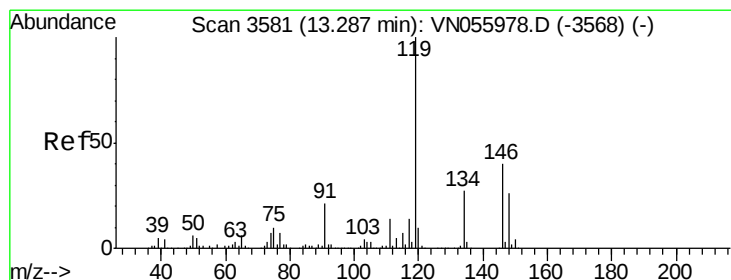
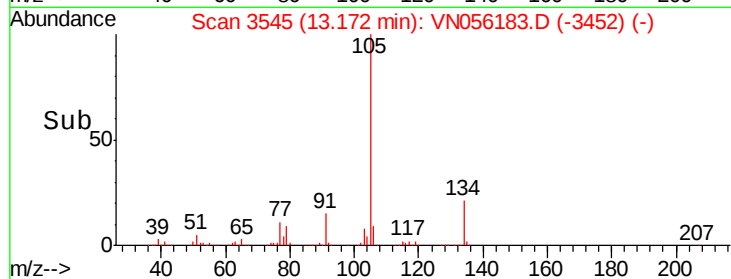
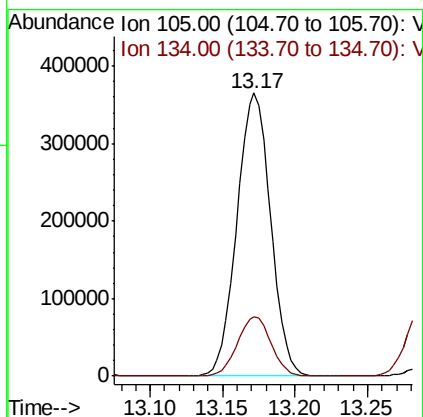
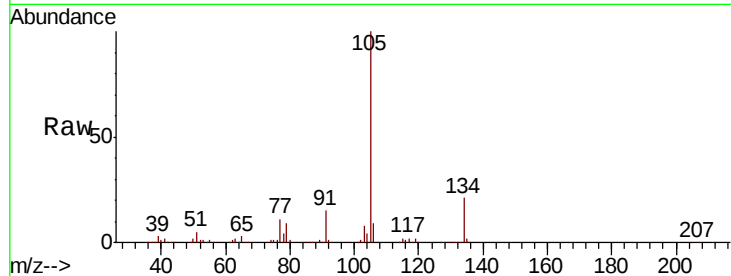




#85
 sec-Butylbenzene
 Concen: 48.461 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

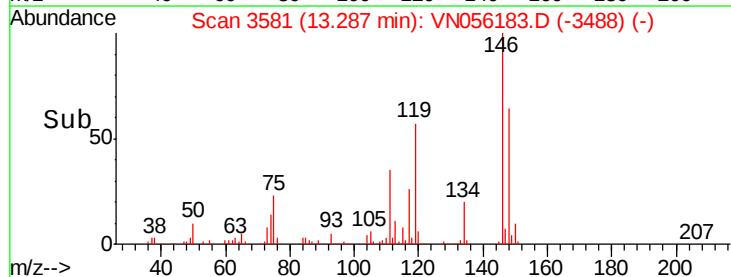
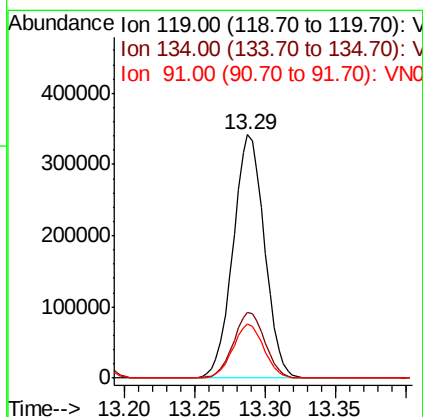
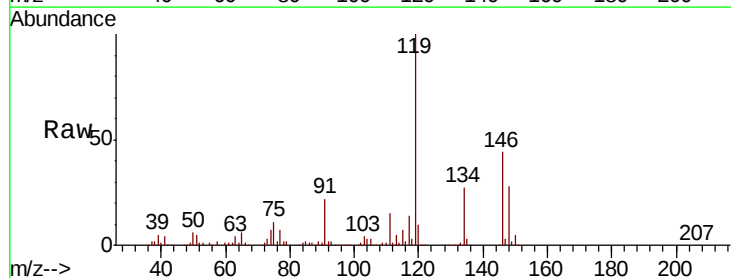
Instrument :
 MSVOA_N
 ClientSampled :

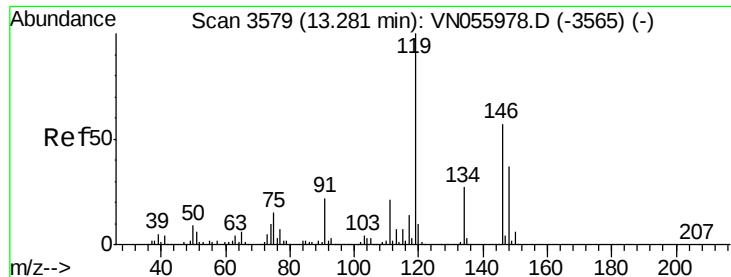
Tot Ion:105 Resp: 589741
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2



#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 :

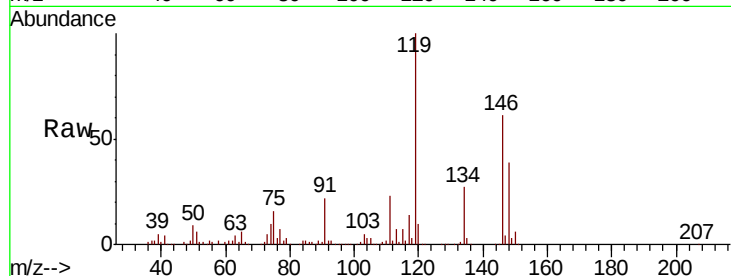
Tot Ion:146 Resp: 276127

Ion Ratio Lower Upper

146 100

111 36.3 18.5 55.5

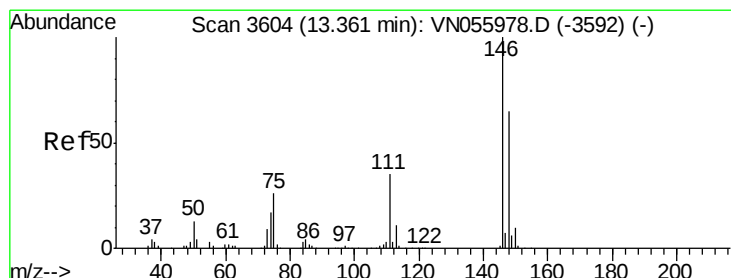
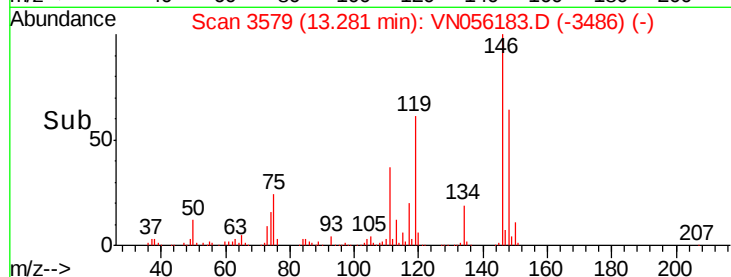
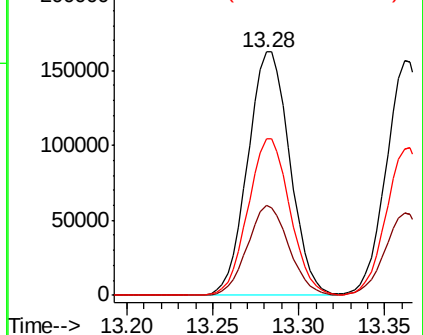
148 64.0 32.0 96.2



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



#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

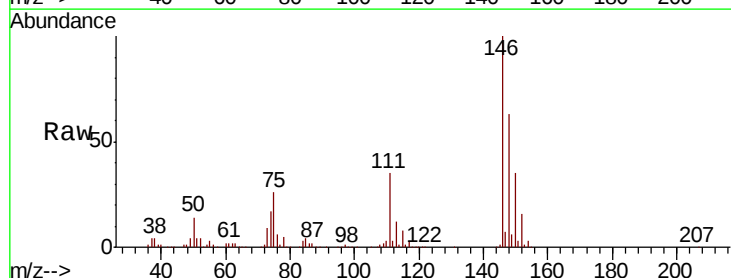
Tgt Ion:146 Resp: 265046

Ion Ratio Lower Upper

146 100

111 35.4 18.1 54.4

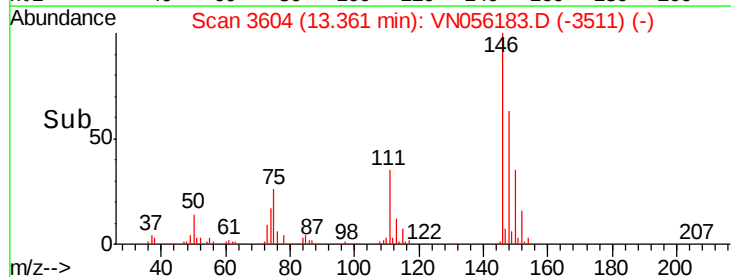
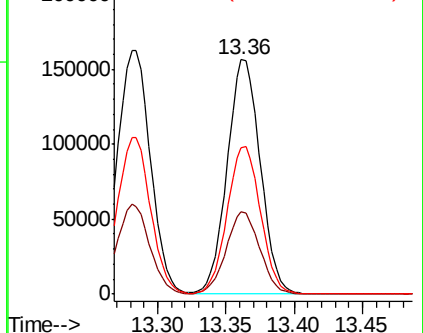
148 63.3 32.1 96.5

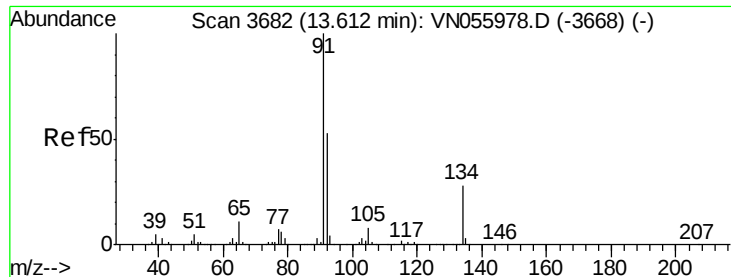


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

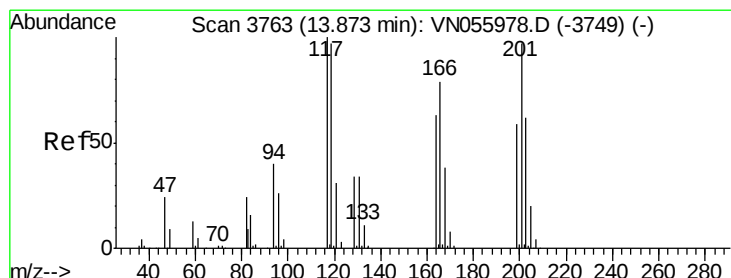
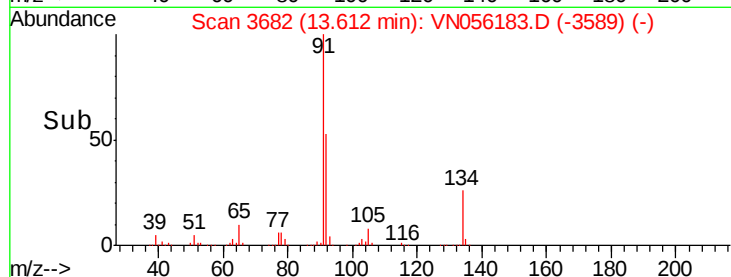
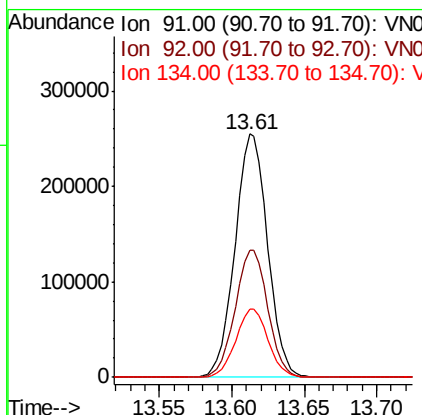
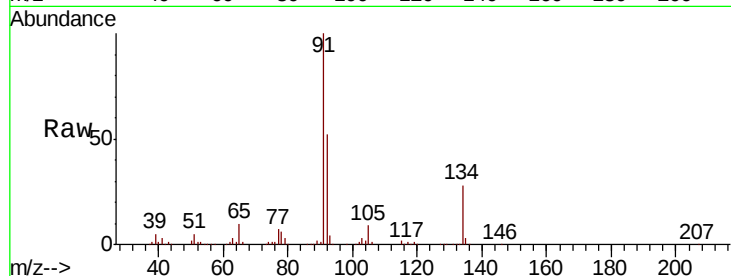




#89
n-Butylbenzene
Concen: 49.143 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056183.D
Acq: 10 Jun 2019 21:38

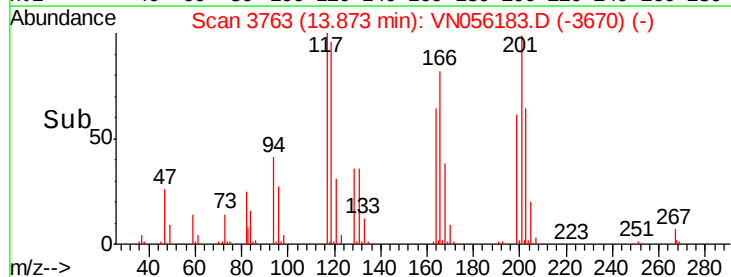
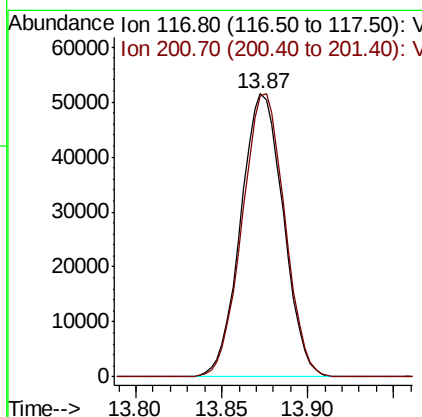
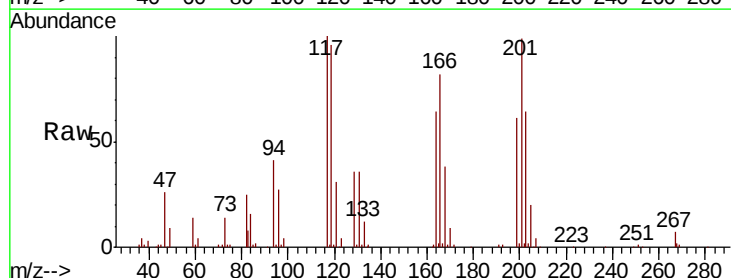
Instrument :
MSVOA_N
ClientSampleId :

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



#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





#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 :

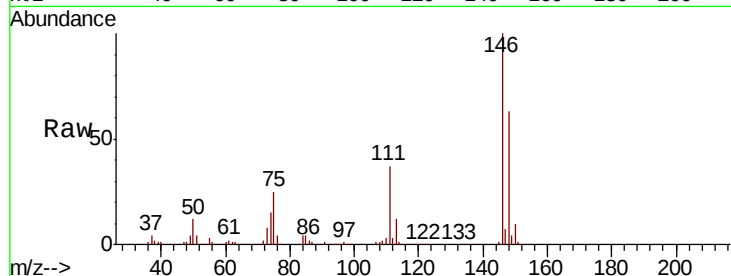
Tot Ion:146 Resp: 276446

Ion Ratio Lower Upper

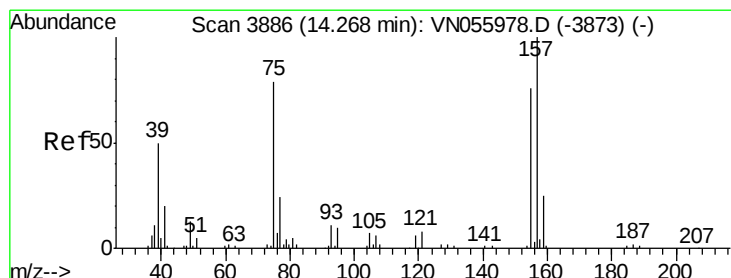
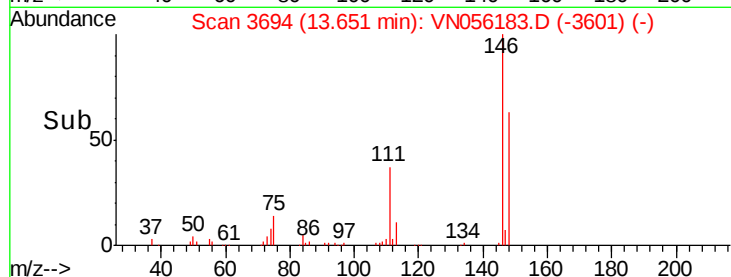
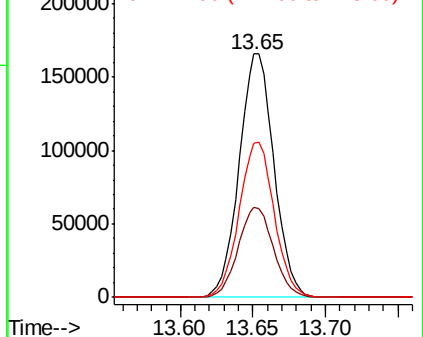
146 100

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

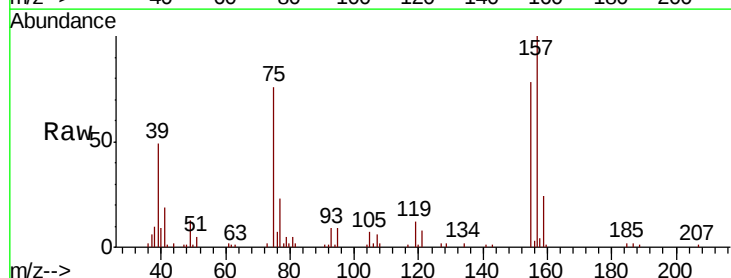
Tgt Ion: 75 Resp: 31536

Ion Ratio Lower Upper

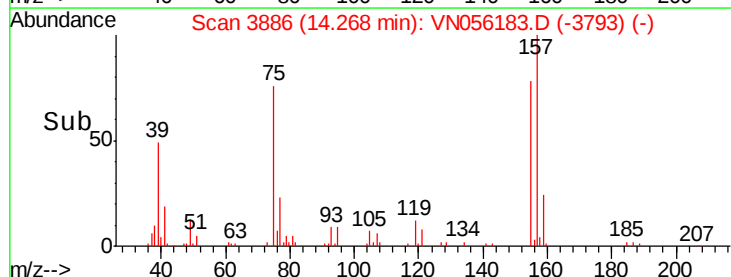
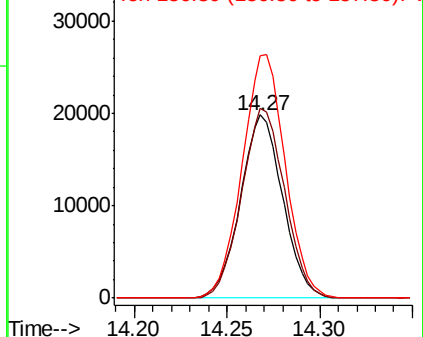
75 100

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

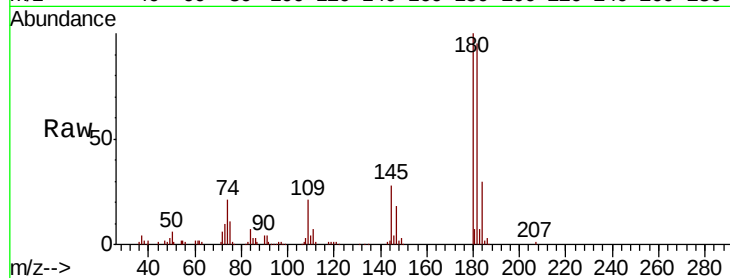




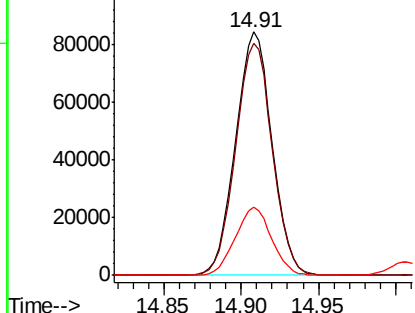
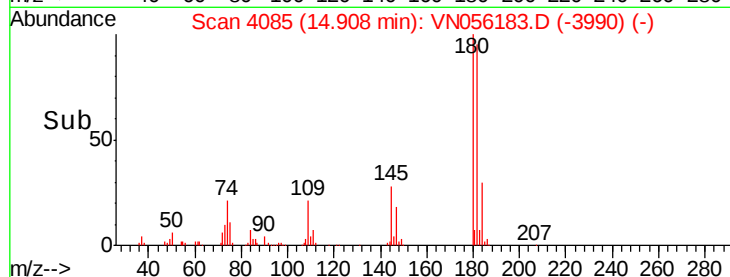
#93
 1,2,4-Trichlorobenzene
 Concen: 46.433 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_N
 ClientSampled :

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

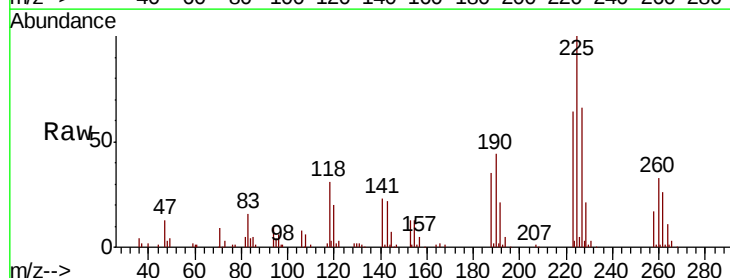


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

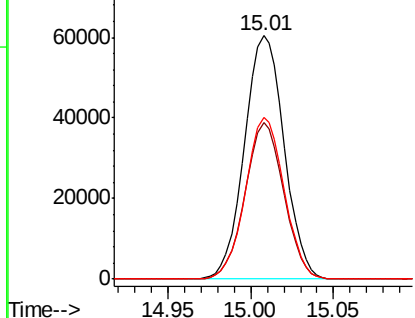
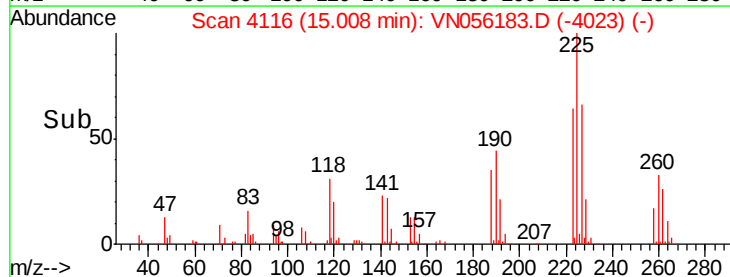


#94
 Hexachlorobutadiene
 Concen: 54.085 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056183.D
 Acq: 10 Jun 2019 21:38

Tgt Ion	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

ClientSampled :

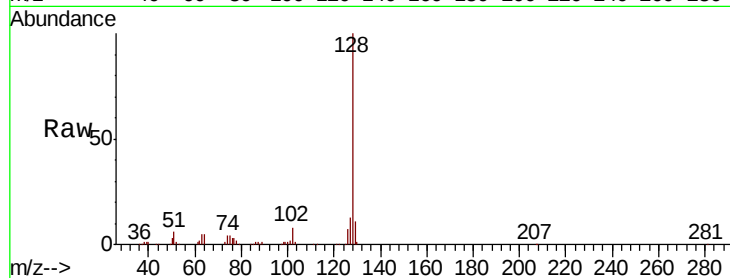
Tot Ion:128 Resp: 376970

Ion Ratio Lower Upper

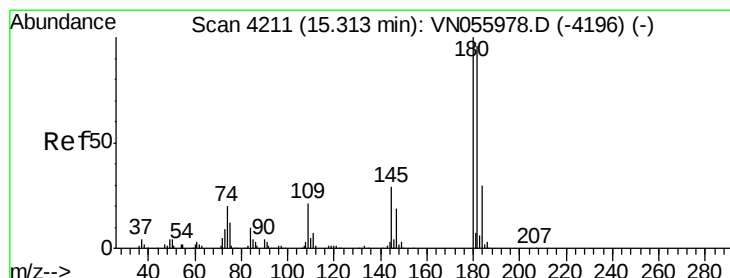
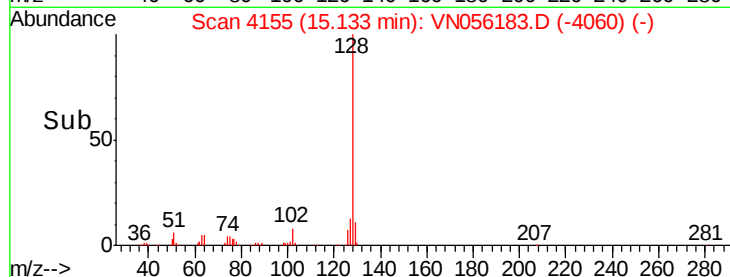
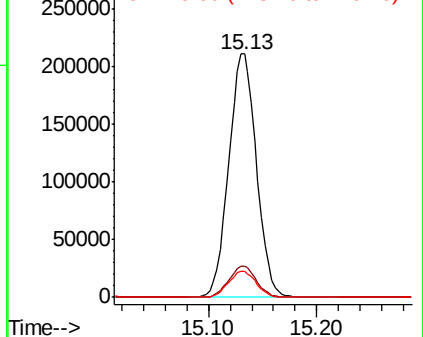
128 100

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

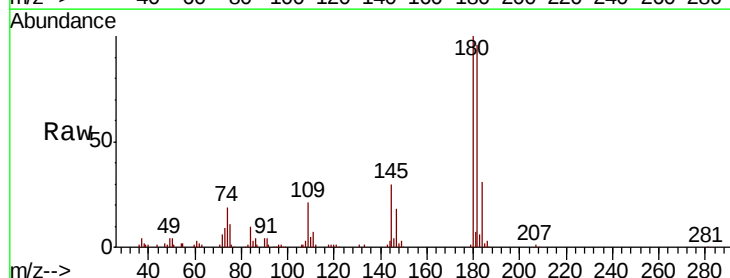
Tgt Ion:180 Resp: 154760

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

