

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056209.D
 Acq On : 11 Jun 2019 9:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 12 06:30:37 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	308343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	412388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	382677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	146520	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	7.59	113	134483	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.09	98	494232	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	174121	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	149038	44.040	ug/l	99
3) Chloromethane	2.06	50	152604	45.656	ug/l	100
4) Vinyl Chloride	2.18	62	152665	45.534	ug/l	99
5) Bromomethane	2.53	94	95540	45.110	ug/l	100
6) Chloroethane	2.68	64	86701	44.601	ug/l	96
7) Trichlorofluoromethane	3.00	101	199813	46.683	ug/l	99
8) Diethyl Ether	3.40	74	75990	43.172	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	129917	49.967	ug/l	99
10) Methyl Iodide	3.94	142	178475	43.195	ug/l	99
11) Tert butyl alcohol	4.81	59	117985	221.451	ug/l	99
12) 1,1-Dichloroethene	3.72	96	120824	46.677	ug/l	97
13) Acrolein	3.60	56	40932	266.383	ug/l	98
14) Allyl chloride	4.31	41	193331	47.300	ug/l	99
15) Acrylonitrile	4.99	53	334131	257.630	ug/l	99
16) Acetone	3.82	43	357578	244.204	ug/l	100
17) Carbon Disulfide	4.04	76	274193	44.241	ug/l	100
18) Methyl Acetate	4.32	43	149380	51.959	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	390753	47.359	ug/l	99
20) Methylene Chloride	4.54	84	141775	46.996	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	128689	46.400	ug/l	98
22) Diisopropyl ether	5.95	45	402534	47.642	ug/l	99
23) Vinyl Acetate	5.89	43	1637802	246.147	ug/l	99
24) 1,1-Dichloroethane	5.84	63	232171	47.636	ug/l	99
25) 2-Butanone	6.84	43	476047	257.316	ug/l	99
26) 2,2-Dichloropropane	6.82	77	171239	45.026	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	153556	47.101	ug/l	98
28) Bromochloromethane	7.19	49	113160	49.097	ug/l	98
29) Tetrahydrofuran	7.21	42	282853	247.338	ug/l	99
30) Chloroform	7.37	83	239326	48.813	ug/l	99
31) Cyclohexane	7.65	56	209861	43.198	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	200684	49.016	ug/l	98
36) 1,1-Dichloropropene	7.79	75	175737	49.560	ug/l	99
37) Ethyl Acetate	6.93	43	173119	54.870	ug/l	99
38) Carbon Tetrachloride	7.77	117	172262	52.693	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	219152	49.613	ug/l	98
40) Benzene	8.04	78	546966	50.787	ug/l	100
41) Methacrylonitrile	7.17	41	85947	59.208	ug/l	99
42) 1,2-Dichloroethane	8.12	62	175290	50.599	ug/l	100
43) Isopropyl Acetate	8.17	43	265756	51.980	ug/l #	92
44) Trichloroethene	8.83	130	158616	51.254	ug/l	99
45) 1,2-Dichloropropane	9.12	63	145600	52.780	ug/l	98
46) Dibromomethane	9.21	93	95234	52.792	ug/l	97
47) Bromodichloromethane	9.40	83	182325	55.766	ug/l	99
48) Methyl methacrylate	9.20	41	133745	53.471	ug/l	97
49) 1,4-Dioxane	9.20	88	58043	1074.887	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	867651	271.378	ug/l	99
52) Toluene	10.16	92	346102	51.644	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	183099	47.874	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	214066	54.470	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	142519	53.687	ug/l	99
56) Ethyl methacrylate	10.43	69	207919	53.687	ug/l	98
57) 1,3-Dichloropropane	10.71	76	227699	52.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	346646	227.194	ug/l	100
59) 2-Hexanone	10.75	43	627974	270.999	ug/l	99
60) Dibromochloromethane	10.90	129	155935	53.100	ug/l	100
61) 1,2-Dibromoethane	11.00	107	145787	53.720	ug/l	98
64) Tetrachloroethene	10.63	164	161750	48.830	ug/l	98
65) Chlorobenzene	11.43	112	380820	50.002	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	141445	53.787	ug/l	99
67) Ethyl Benzene	11.51	91	659613	49.808	ug/l	98
68) m/p-Xylenes	11.62	106	508154	100.446	ug/l	99
69) o-Xylene	11.95	106	248489	49.934	ug/l	98
70) Styrene	11.96	104	416427	52.668	ug/l	99
71) Bromoform	12.13	173	116044	52.420	ug/l #	99
73) Isopropylbenzene	12.25	105	657050	53.088	ug/l	100
74) N-amyl acetate	12.07	43	220290	47.461	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	195441	48.351	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	228212	71.229	ug/l #	100
77) Bromobenzene	12.53	156	181358	48.648	ug/l	94
78) n-propylbenzene	12.59	91	711741	48.317	ug/l	99
79) 2-Chlorotoluene	12.67	91	431098	52.896	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	545463	46.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	48541	50.454	ug/l	91
82) 4-Chlorotoluene	12.77	91	416902	48.375	ug/l	100
83) tert-Butylbenzene	12.99	119	480525	53.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	534493	48.144	ug/l	99
85) sec-Butylbenzene	13.17	105	626445	48.020	ug/l	99
86) p-Isopropyltoluene	13.29	119	570199	48.839	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	291900	50.591	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	277379	49.976	ug/l	99
89) n-Butylbenzene	13.61	91	426407	49.303	ug/l	99
90) Hexachloroethane	13.87	117	91600	52.024	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	283840	48.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30579	52.891	ug/l	93

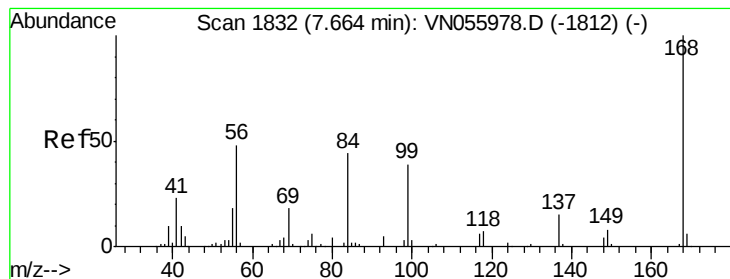
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	136816	43.251	ug/l	98
94) Hexachlorobutadiene	15.01	225	112818	56.749	ug/l	98
95) Naphthalene	15.13	128	338056	41.316	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	150795	46.331	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

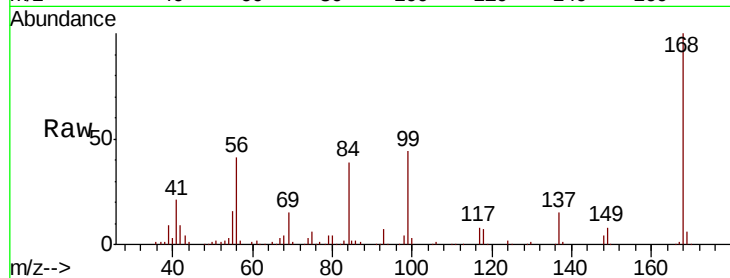
VSTDCCC050

Tot Ion:168 Resp: 308343

Ion Ratio Lower Upper

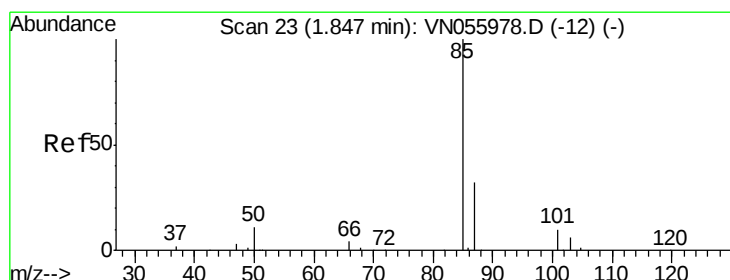
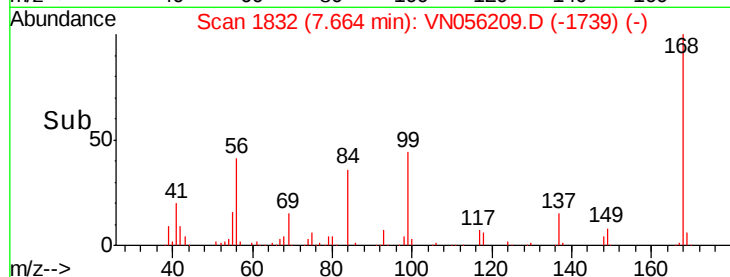
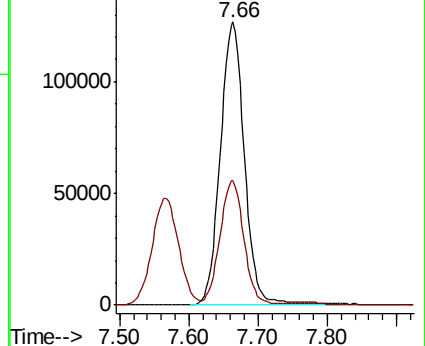
168 100

99 43.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.040 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056209.D

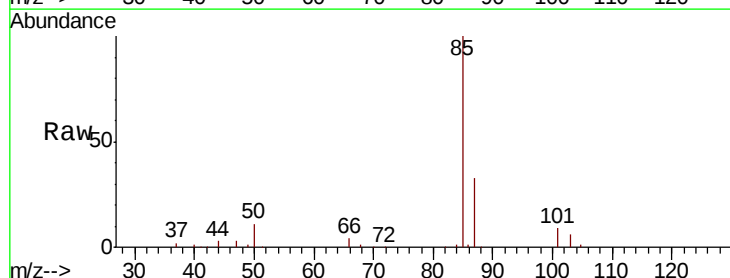
Acq: 11 Jun 2019 9:14

Tgt Ion: 85 Resp: 149038

Ion Ratio Lower Upper

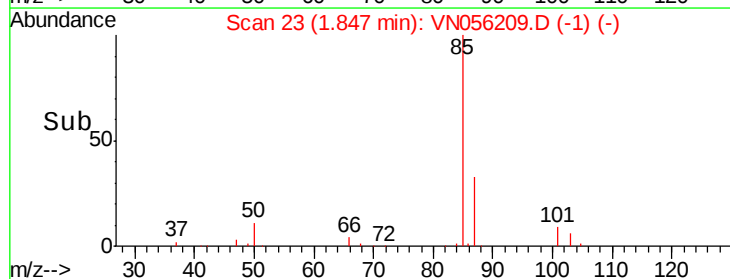
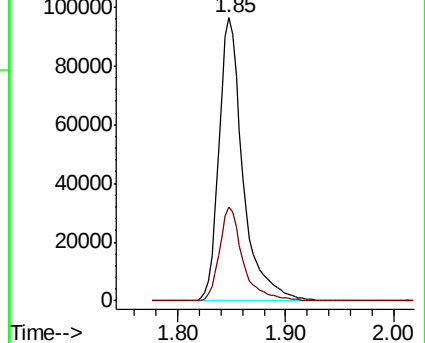
85 100

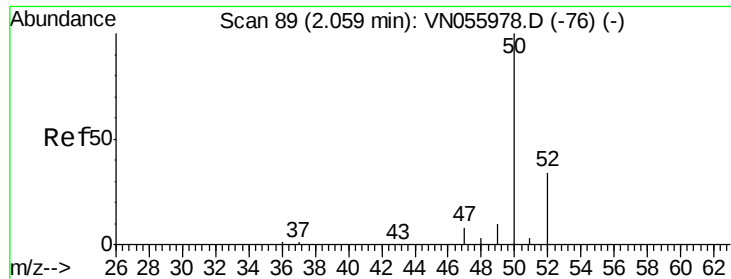
87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 45.656 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

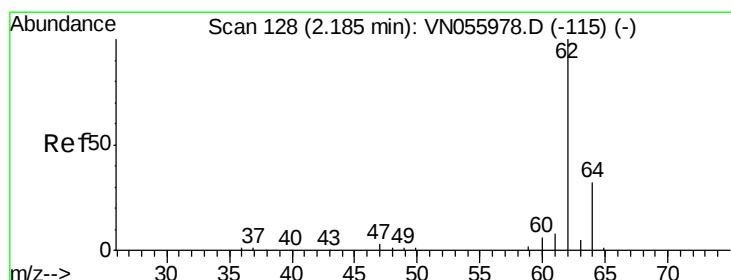
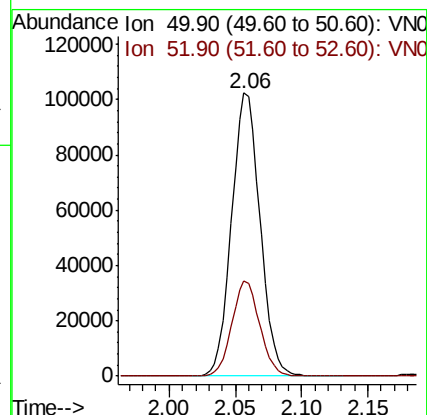
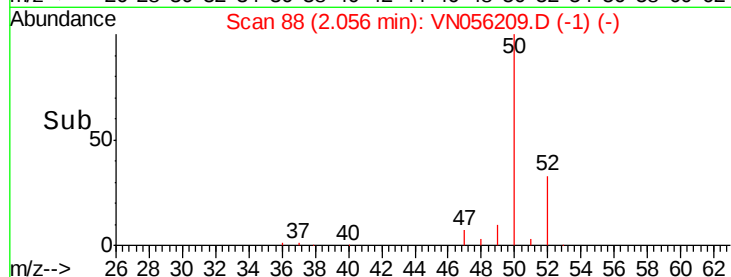
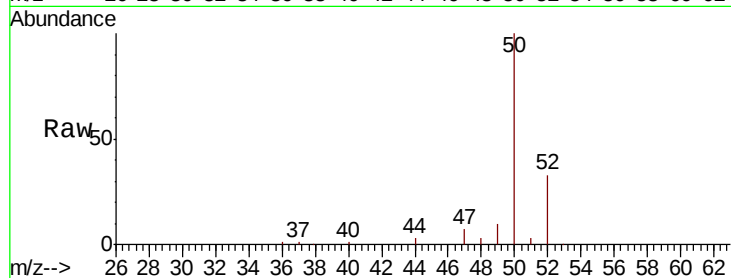
VSTDCCC050

Tot Ion: 50 Resp: 152604

Ion Ratio Lower Upper

50 100

52 33.5 26.6 40.0



#4

Vinyl Chloride

Concen: 45.534 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056209.D

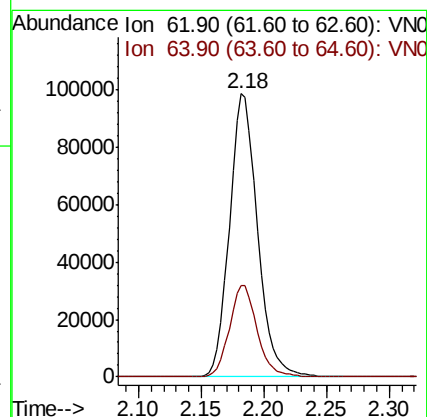
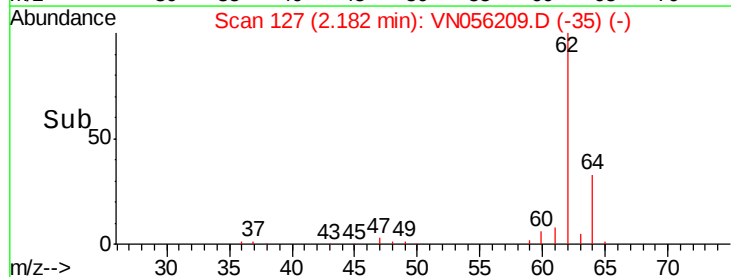
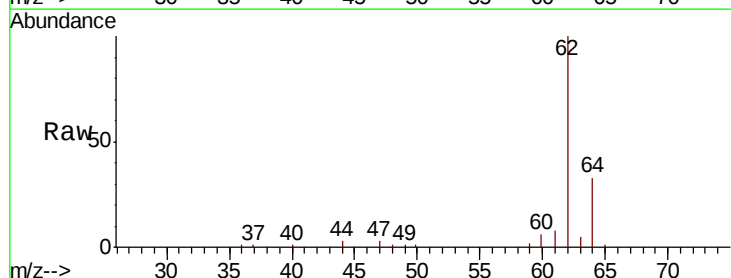
Acq: 11 Jun 2019 9:14

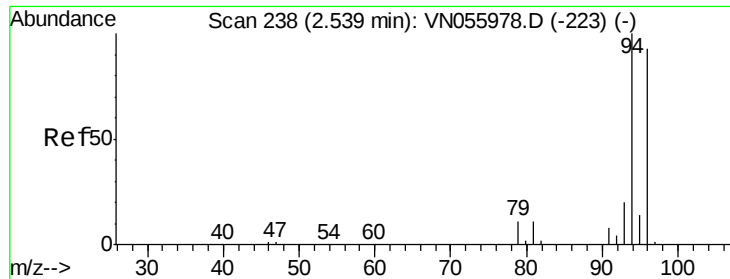
Tgt Ion: 62 Resp: 152665

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4

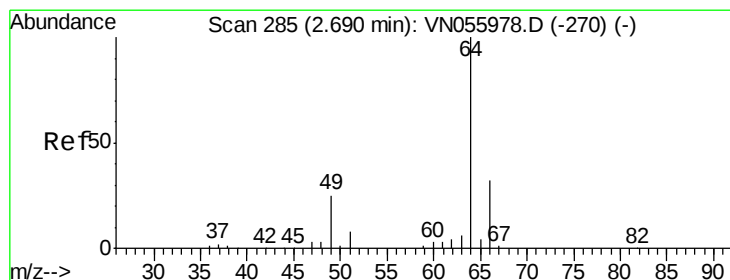
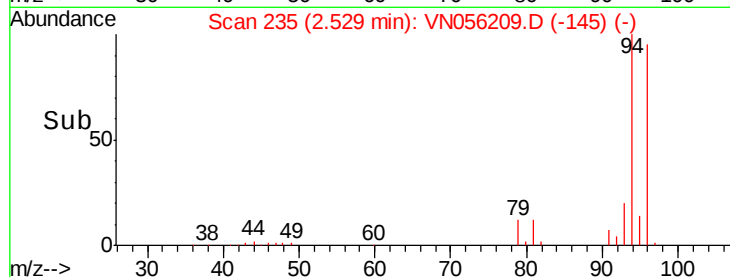
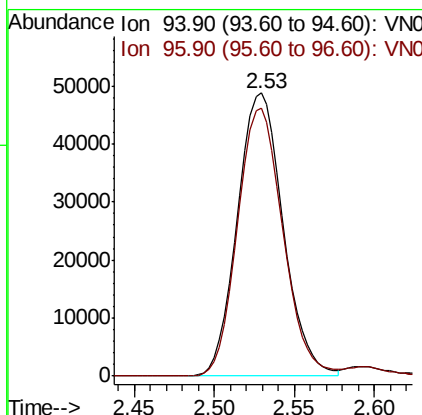
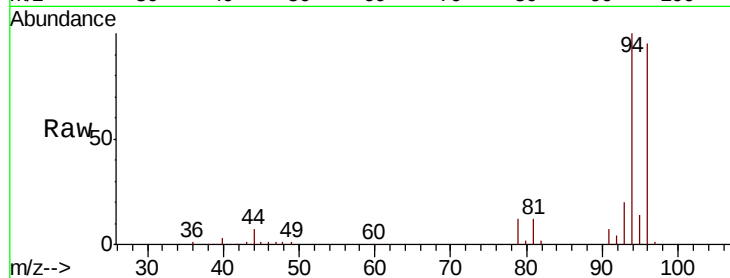




#5
Bromomethane
Concen: 45.110 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

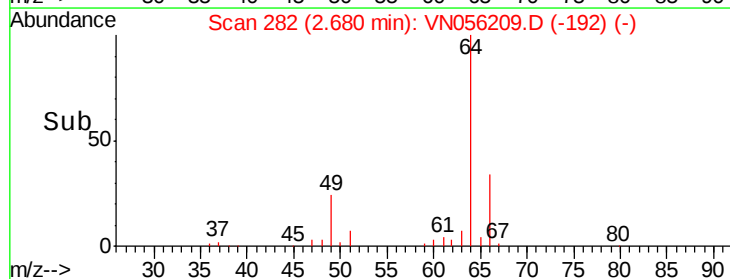
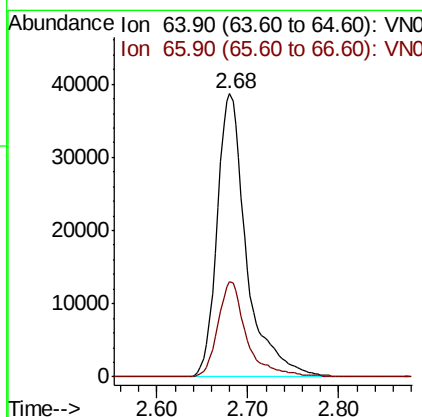
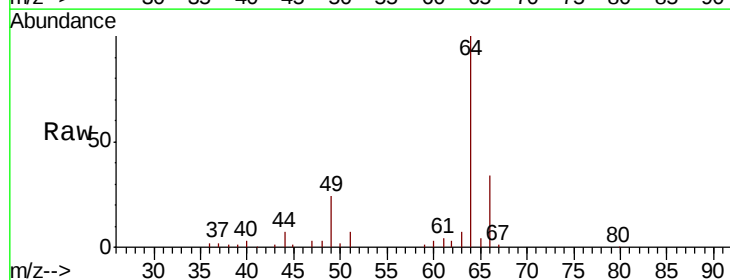
Instrument :
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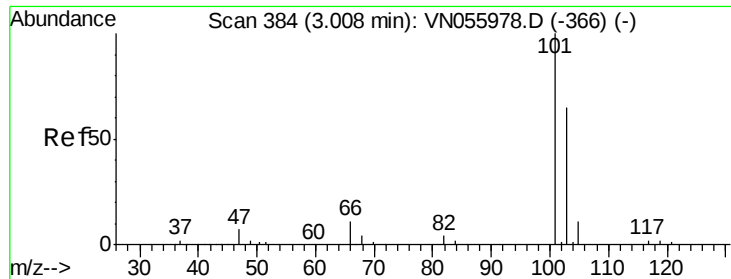
Tot Ion: 94 Resp: 95540
Ion Ratio Lower Upper
94 100
96 94.8 75.5 113.3



#6
Chloroethane
Concen: 44.601 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 64 Resp: 86701
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.0



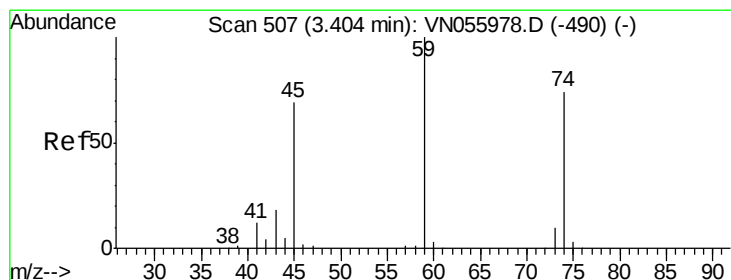
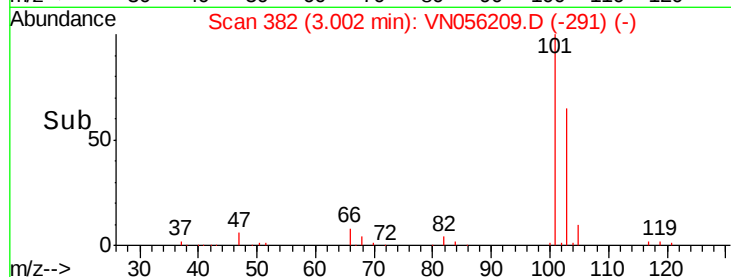
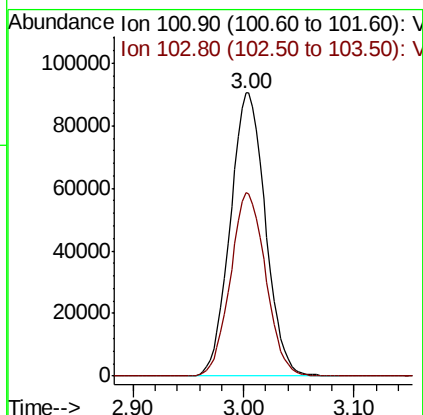
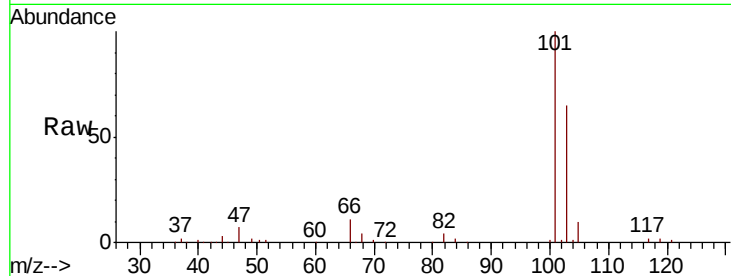


#7

Trichlorofluoromethane
 Concen: 46.683 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Instrument :
 MSVOA_N
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 VSTDCCC050

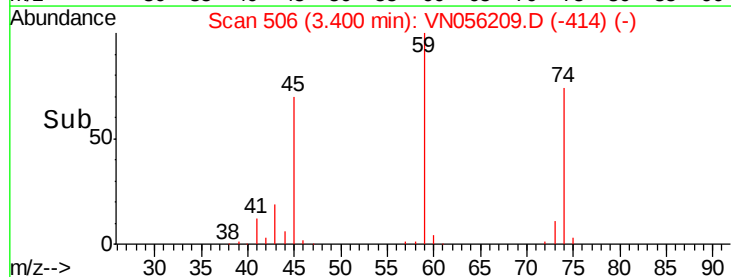
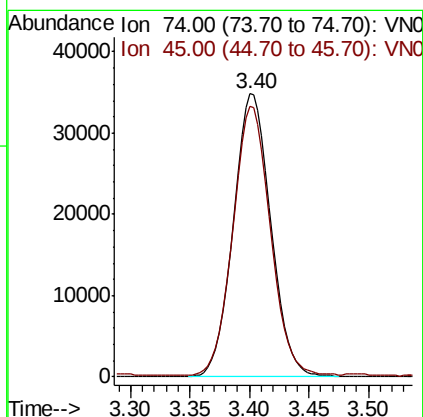
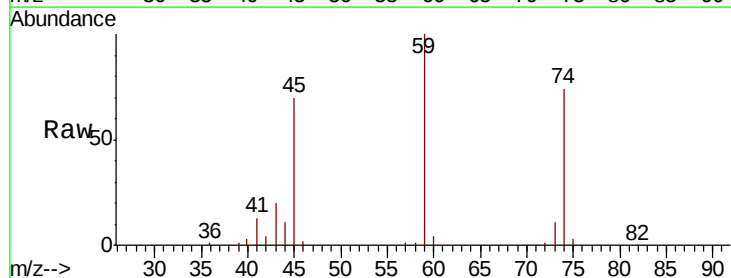
Tot Ion:101 Resp: 199813
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.2 76.8

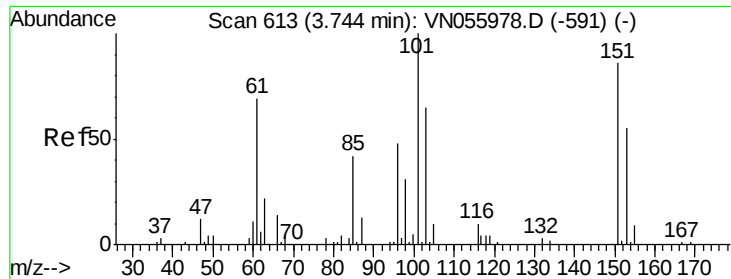


#8

Diethyl Ether
 Concen: 43.172 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion: 74 Resp: 75990
 Ion Ratio Lower Upper
 74 100
 45 95.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.967 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

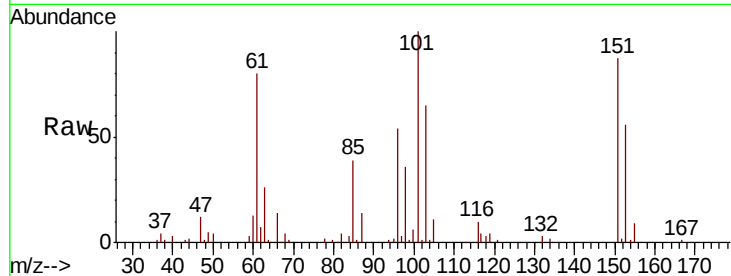
Tot Ion:101 Resp: 129917

Ion Ratio Lower Upper

101 100

85 40.6 33.4 50.2

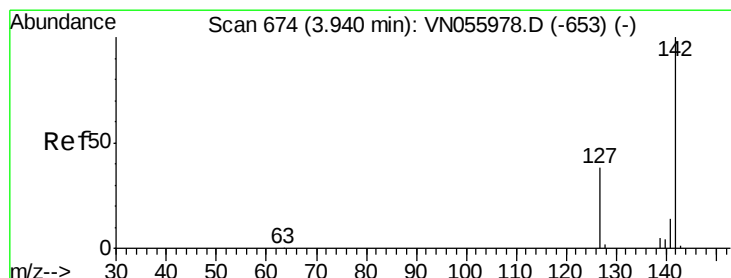
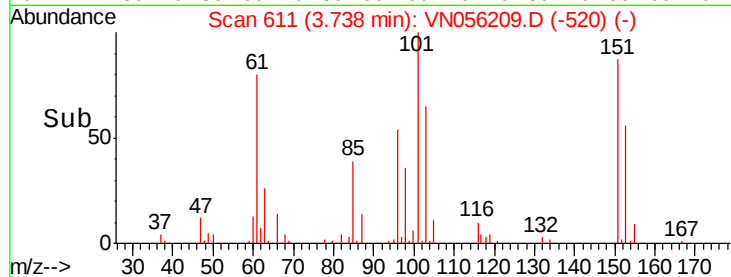
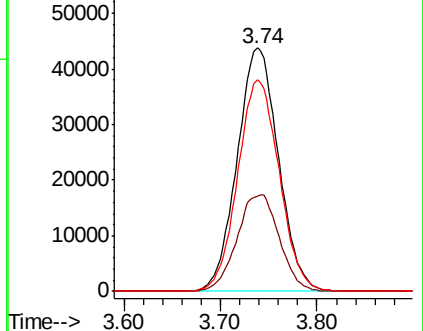
151 87.3 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.195 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

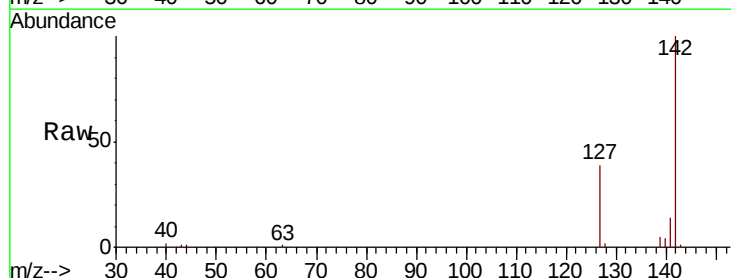
Tgt Ion:142 Resp: 178475

Ion Ratio Lower Upper

142 100

127 37.9 31.0 46.4

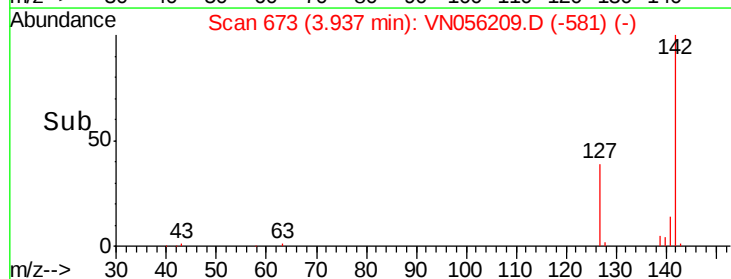
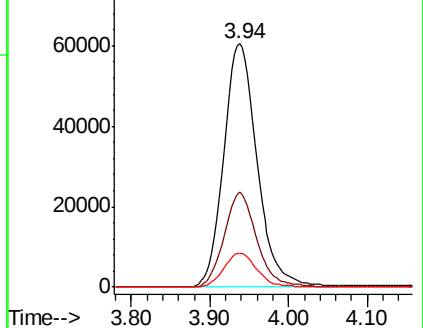
141 13.8 11.4 17.0

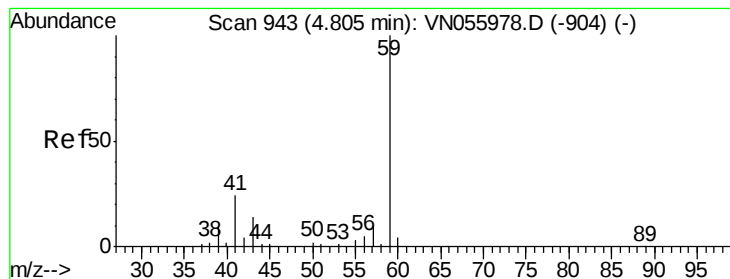


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



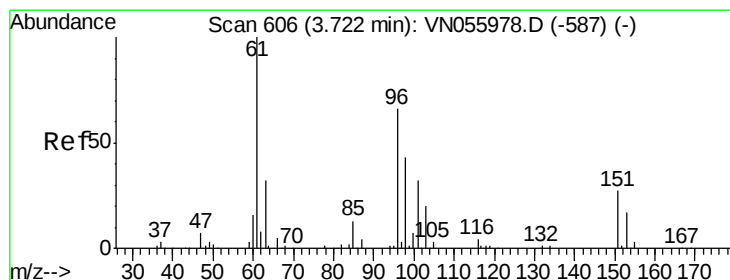
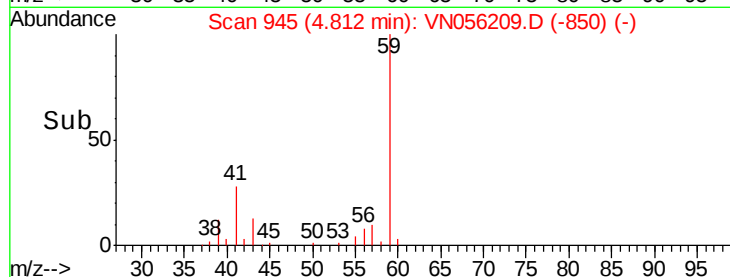
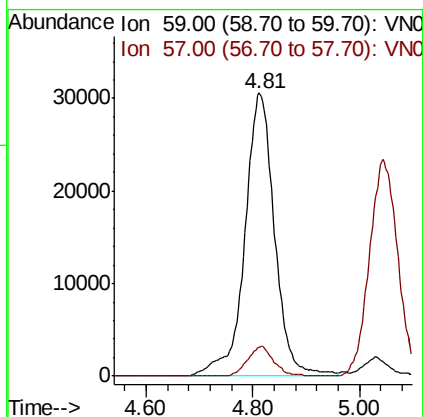
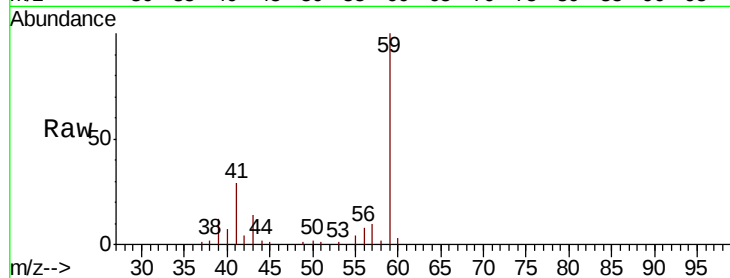


#11

Tert butyl alcohol
 Concen: 221.451 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

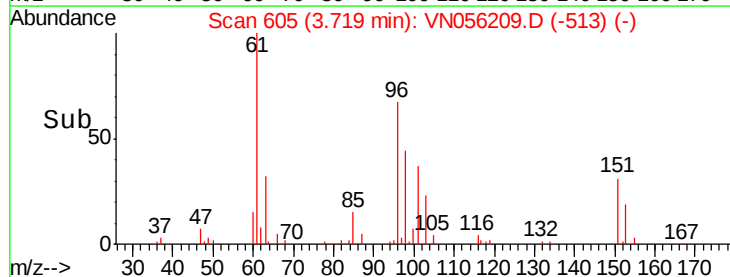
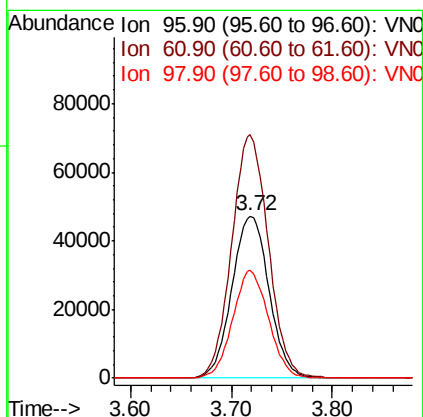
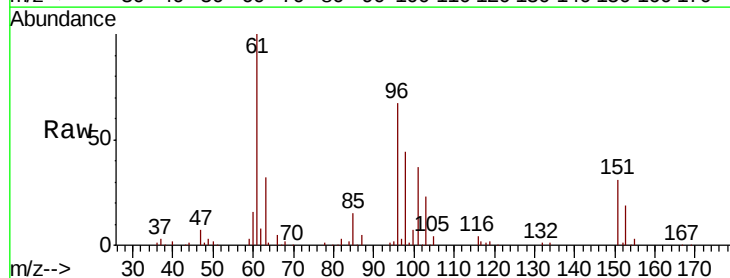
Tot Ion: 59 Resp: 117985
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.8 11.6

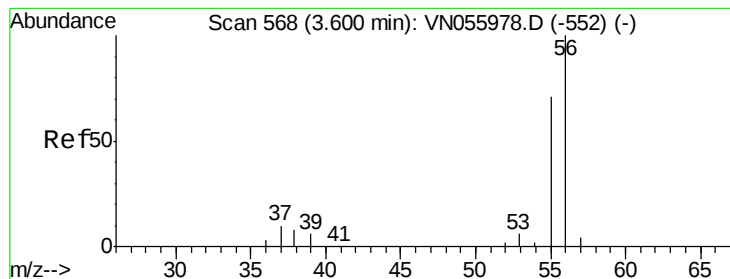


#12

1,1-Dichloroethene
 Concen: 46.677 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion: 96 Resp: 120824
 Ion Ratio Lower Upper
 96 100
 61 150.2 123.2 184.8
 98 66.6 50.4 75.6





#13

Acrolein

Concen: 266.383 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

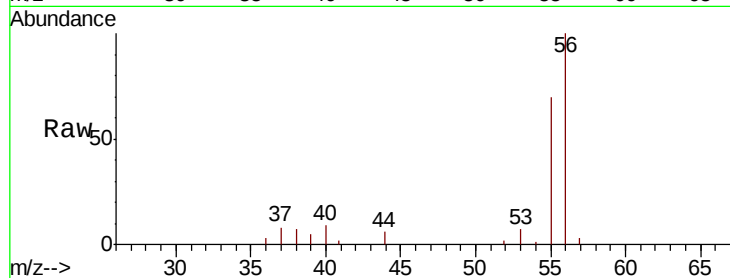
VSTDCCC050

Tot Ion: 56 Resp: 40932

Ion Ratio Lower Upper

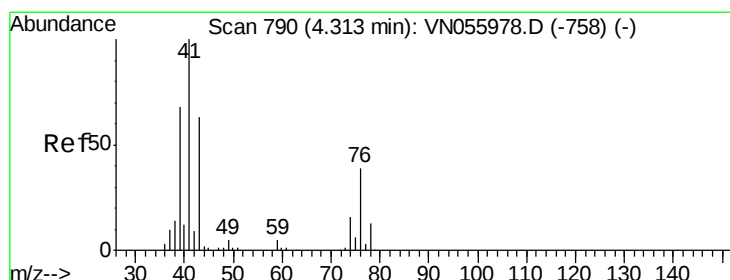
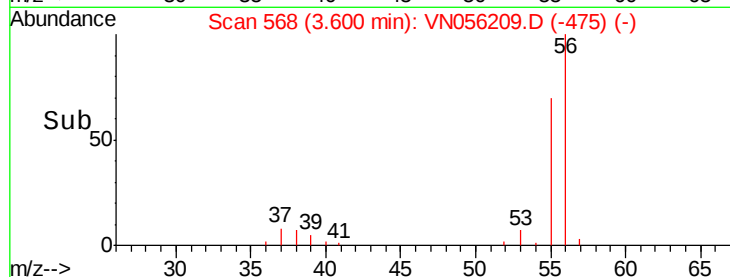
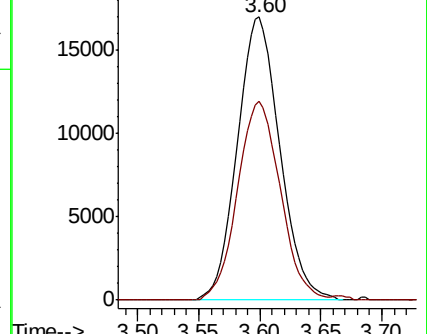
56 100

55 70.6 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.300 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

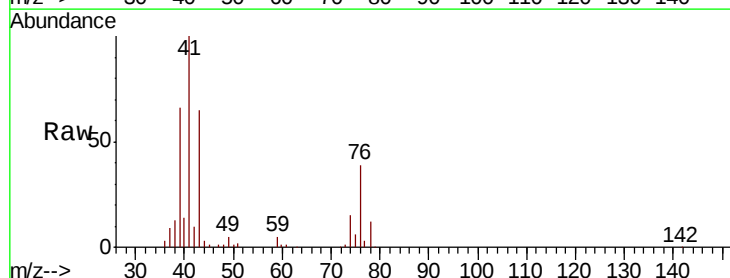
Tgt Ion: 41 Resp: 193331

Ion Ratio Lower Upper

41 100

39 61.7 50.0 75.0

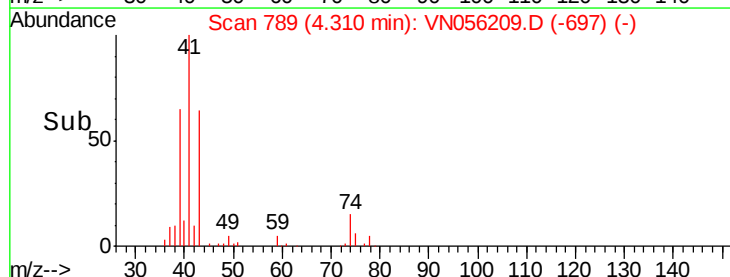
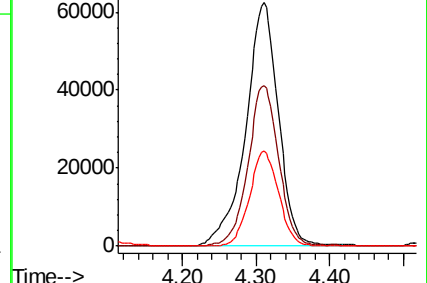
76 34.5 28.2 42.2

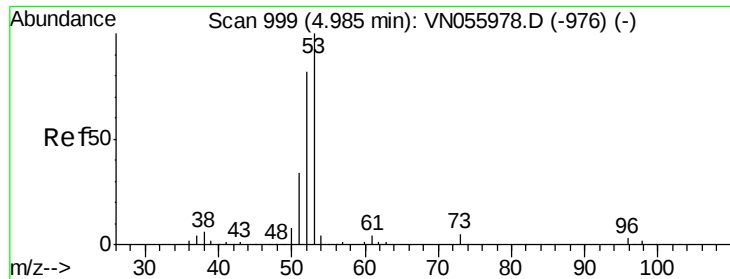


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 257.630 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

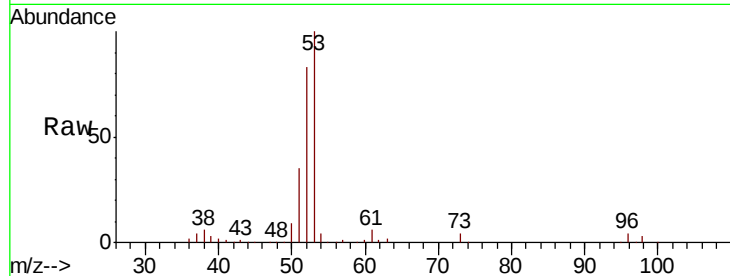
Tot Ion: 53 Resp: 334131

Ion Ratio Lower Upper

53 100

52 81.0 65.8 98.8

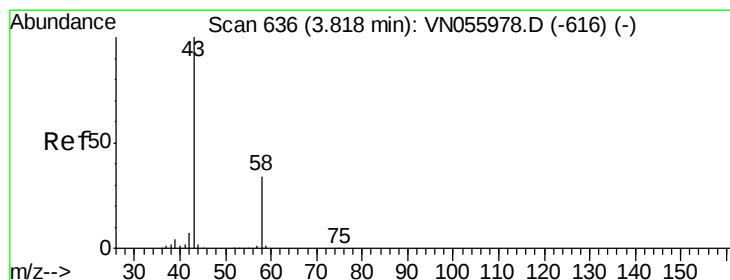
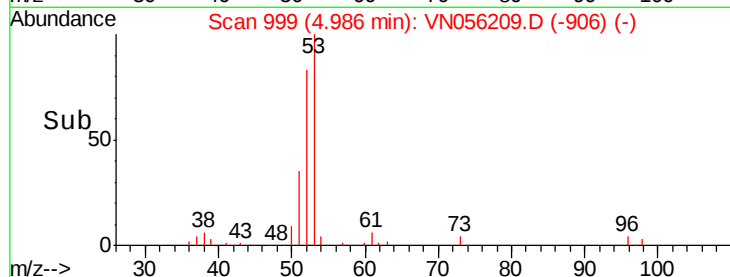
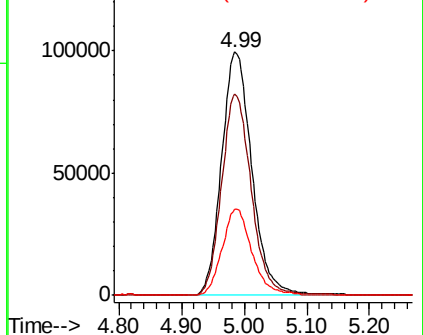
51 34.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 244.204 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056209.D

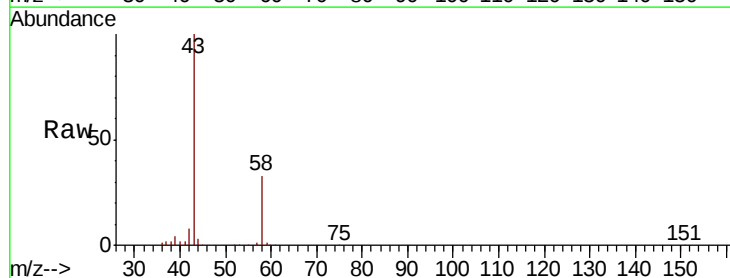
Acq: 11 Jun 2019 9:14

Tgt Ion: 43 Resp: 357578

Ion Ratio Lower Upper

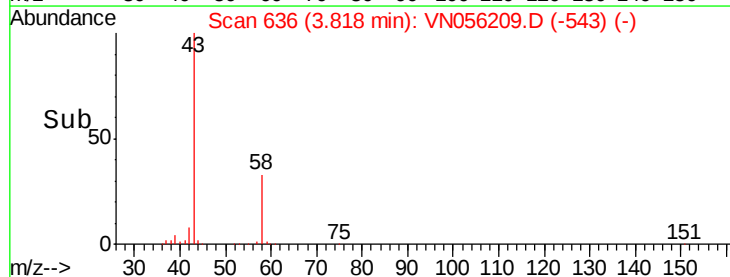
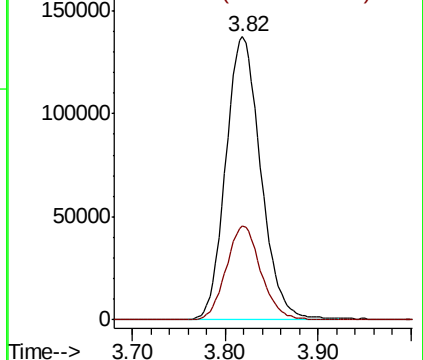
43 100

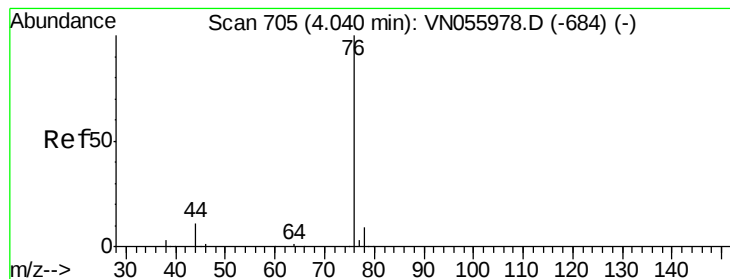
58 33.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.241 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

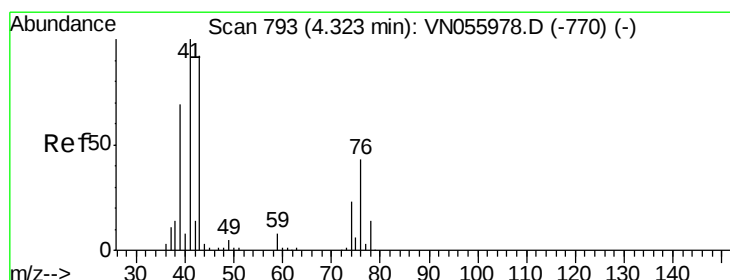
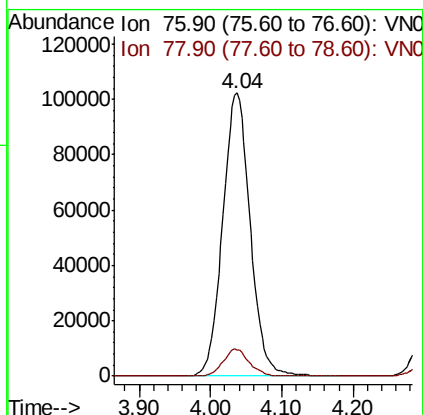
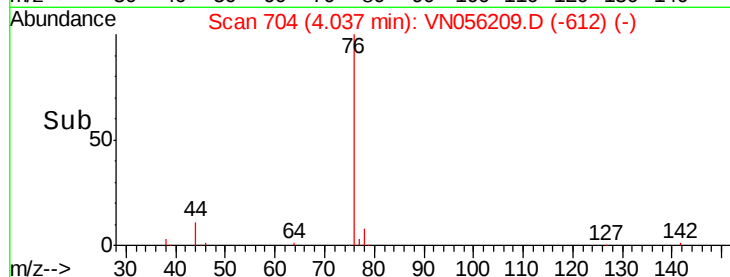
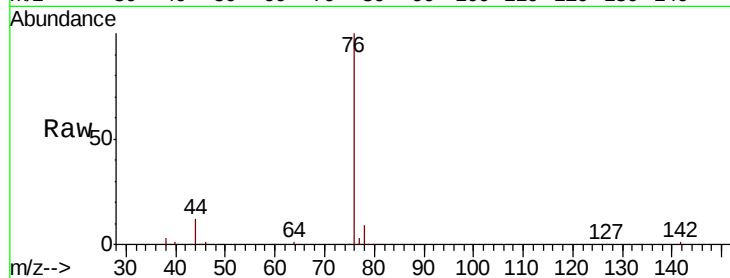
VSTDCCC050

Tot Ion: 76 Resp: 274193

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



#18

Methyl Acetate

Concen: 51.959 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056209.D

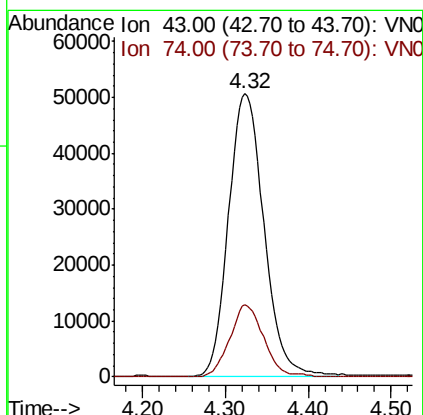
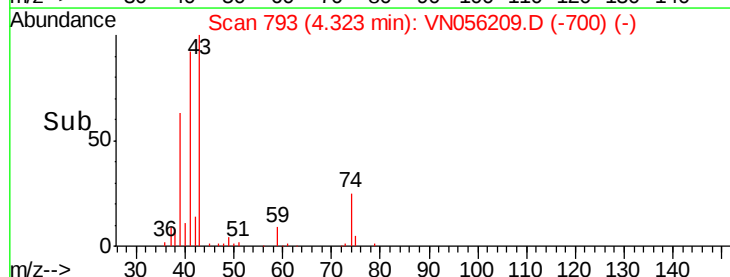
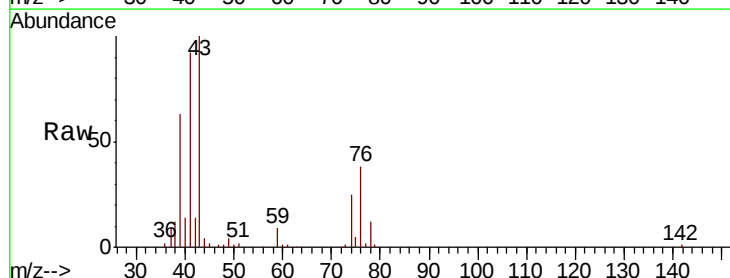
Acq: 11 Jun 2019 9:14

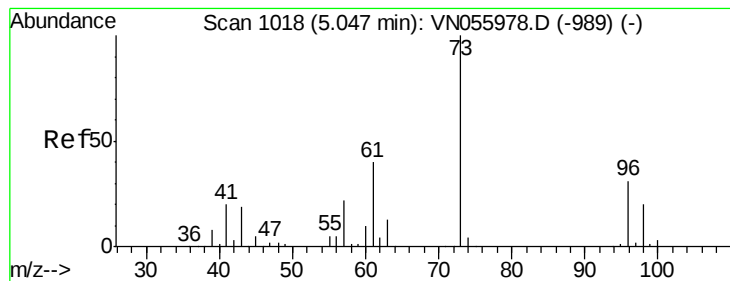
Tgt Ion: 43 Resp: 149380

Ion Ratio Lower Upper

43 100

74 24.7 19.3 28.9



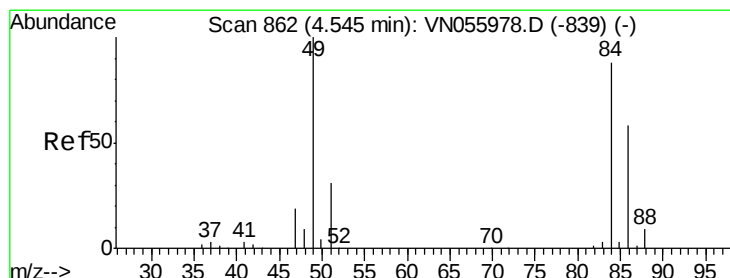
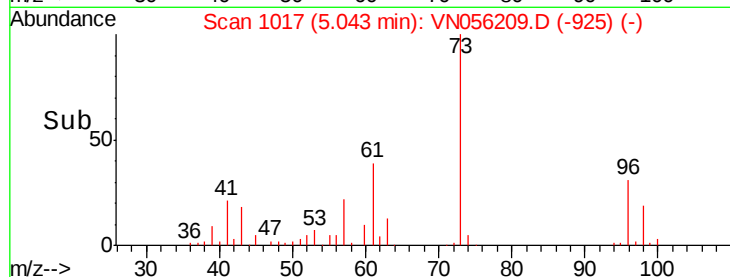
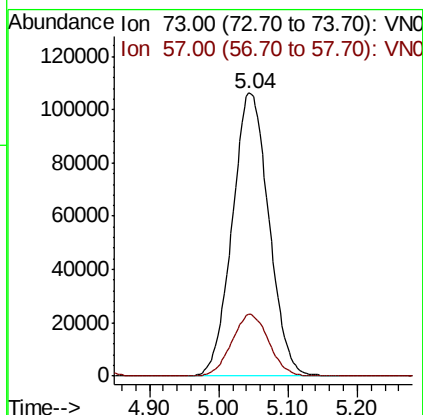
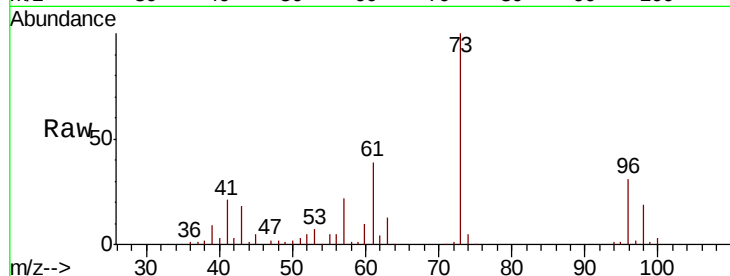


#19

Methyl tert-butyl Ether
 Concen: 47.359 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

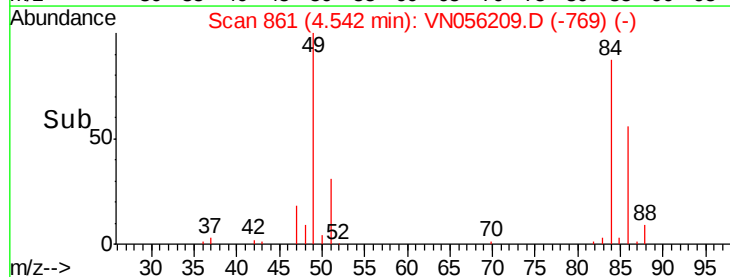
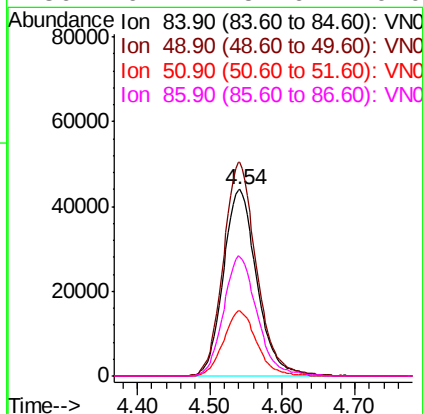
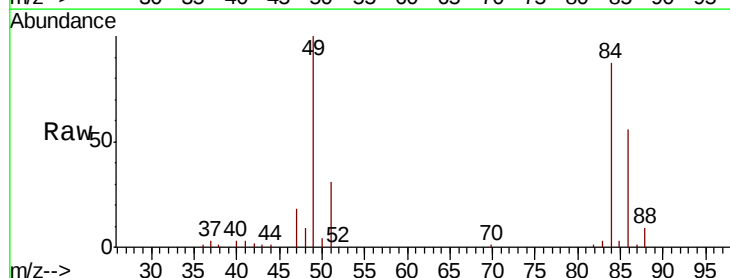
Tot Ion: 73 Resp: 390753
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.8

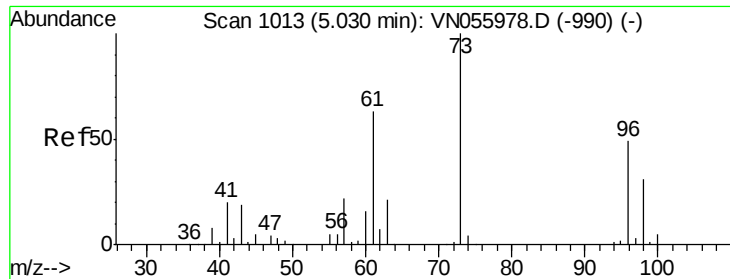


#20

Methylene Chloride
 Concen: 46.996 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion: 84 Resp: 141775
 Ion Ratio Lower Upper
 84 100
 49 114.5 93.5 140.3
 51 34.9 28.6 43.0
 86 64.1 52.6 79.0

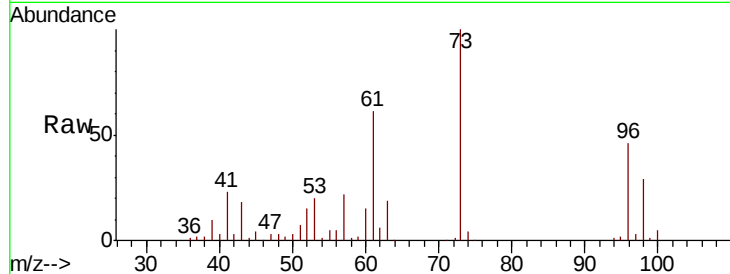




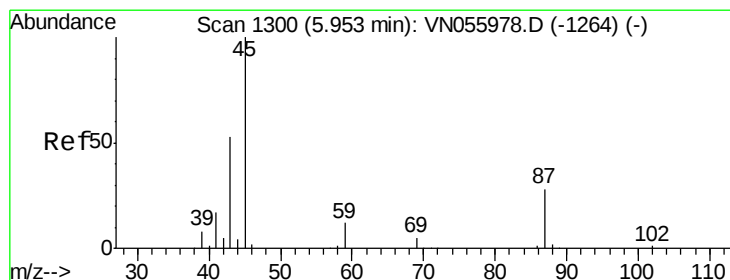
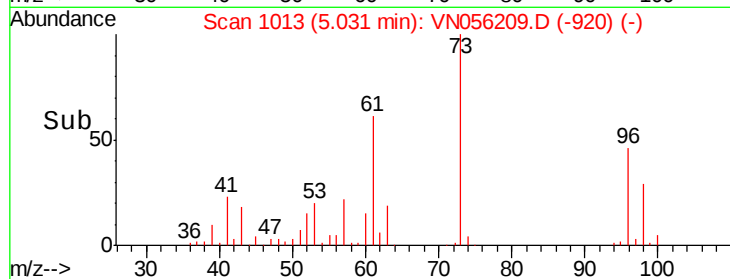
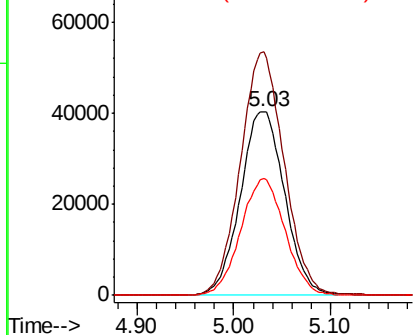
#21
trans-1,2-Dichloroethene
Concen: 46.400 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 128689
Ion Ratio Lower Upper
96 100
61 132.3 107.8 161.8
98 63.6 49.8 74.8

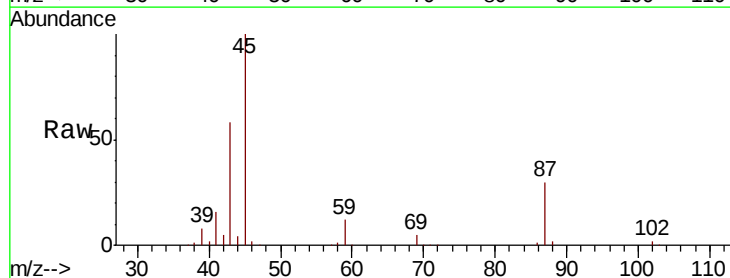


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

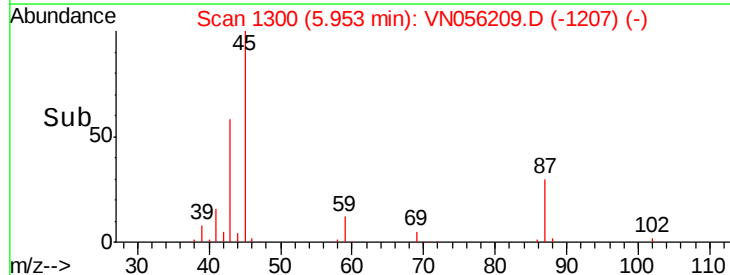
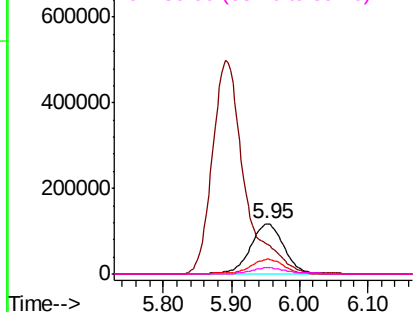


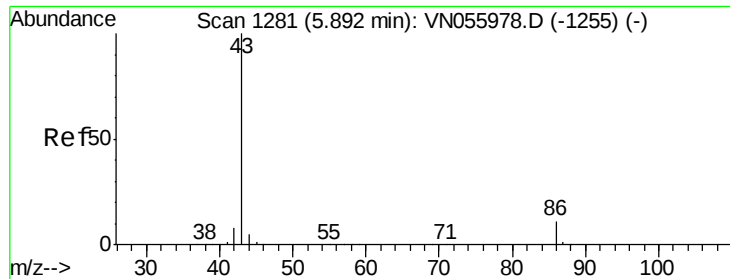
#22
Diisopropyl ether
Concen: 47.642 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 45 Resp: 402534
Ion Ratio Lower Upper
45 100
43 56.3 45.0 67.6
87 29.4 22.2 33.4
59 11.8 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 246.147 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

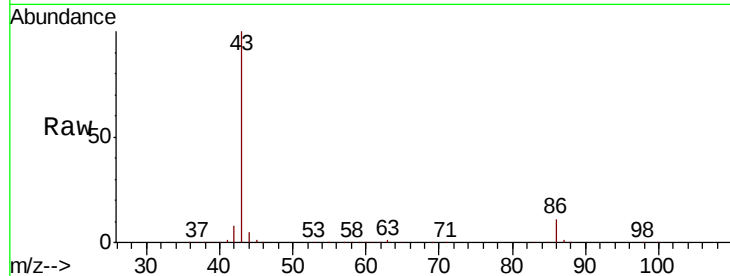
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 1637802

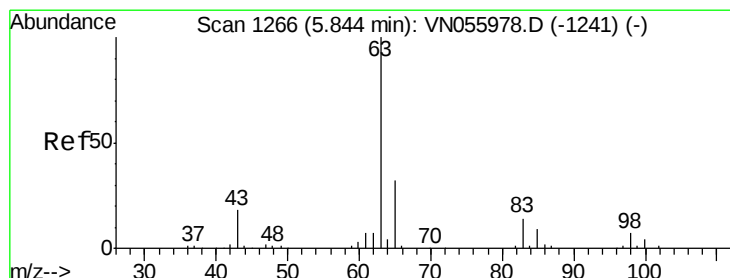
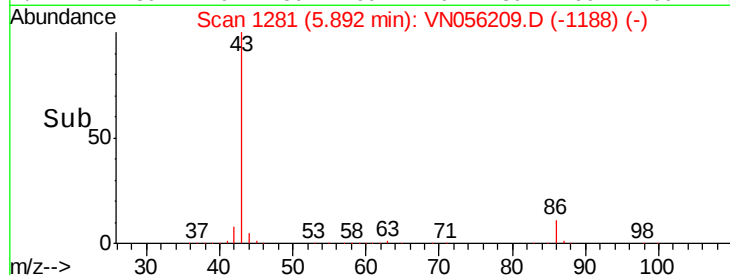
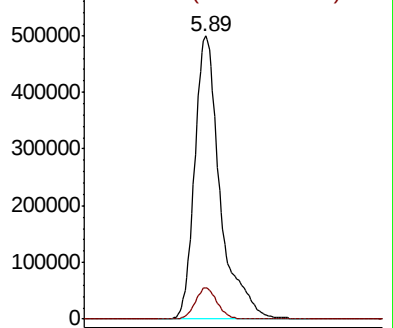
Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



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



#24

1,1-Dichloroethane

Concen: 47.636 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

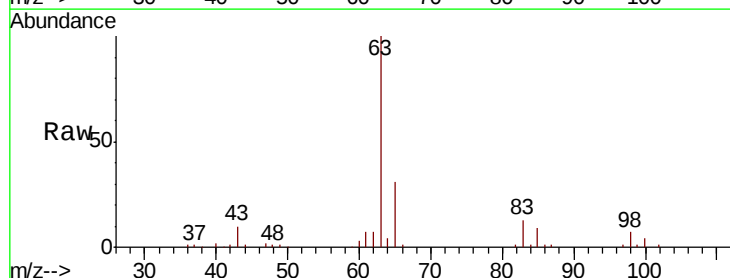
Tgt Ion: 63 Resp: 232171

Ion Ratio Lower Upper

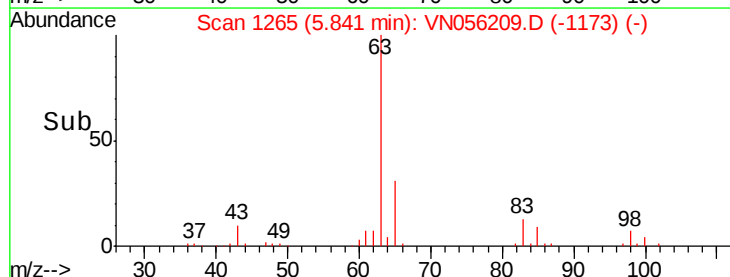
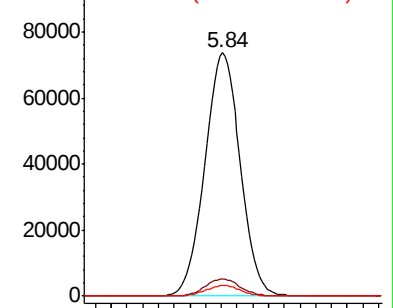
63 100

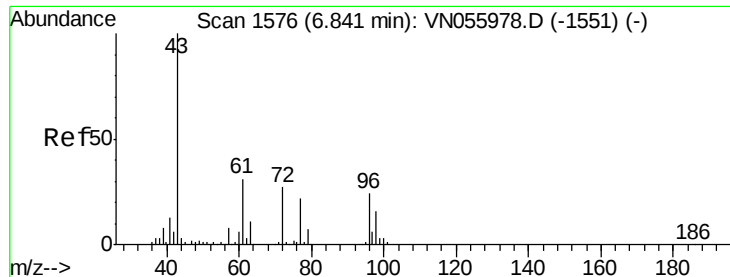
98 7.2 3.4 10.1

100 4.3 2.2 6.6



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





#25

2-Butanone

Concen: 257.316 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

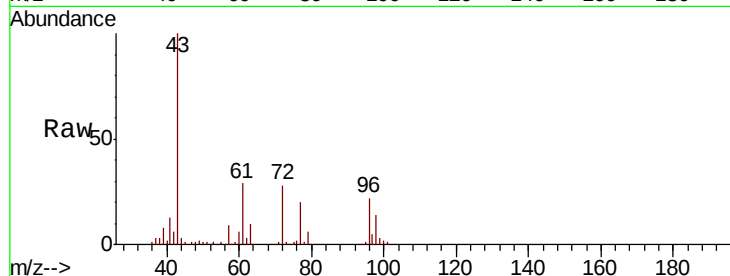
VSTDCCC050

Tot Ion: 43 Resp: 476047

Ion Ratio Lower Upper

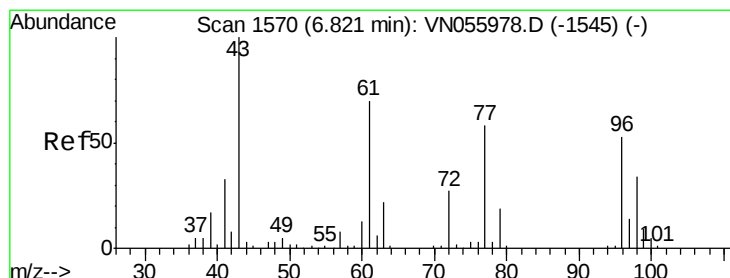
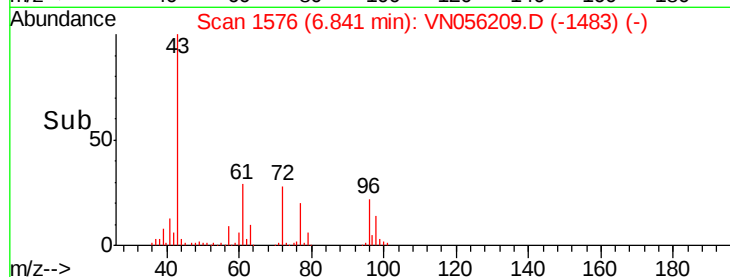
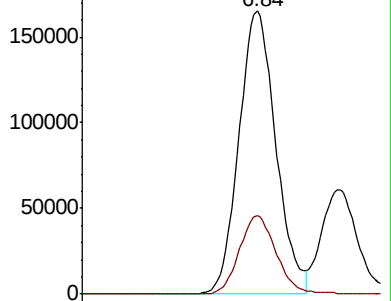
43 100

72 27.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN055978.D (-1551) (-)



#26

2,2-Dichloropropane

Concen: 45.026 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN056209.D

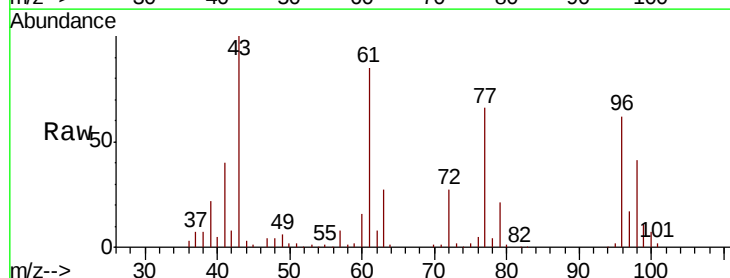
Acq: 11 Jun 2019 9:14

Tgt Ion: 77 Resp: 171239

Ion Ratio Lower Upper

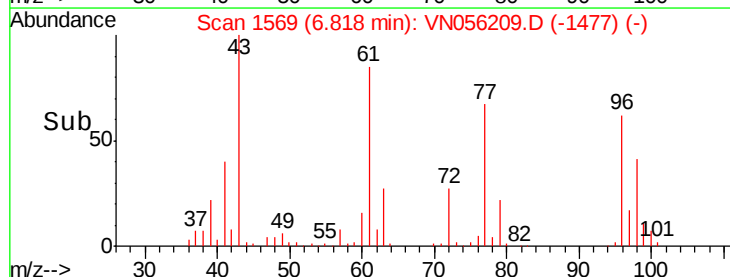
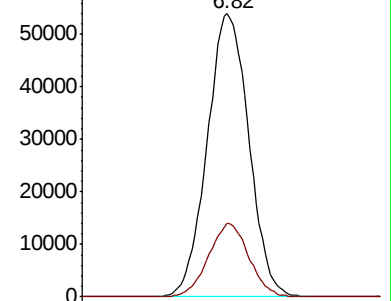
77 100

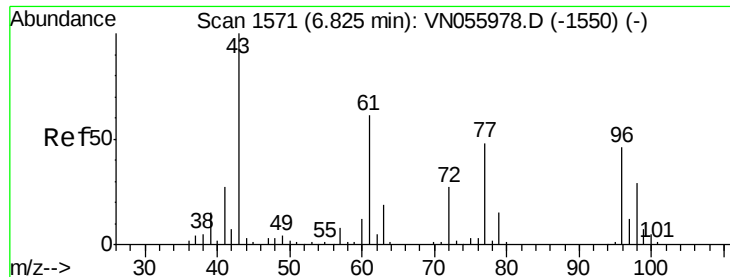
97 25.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN055978.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN055978.D (-1545) (-)





#27

cis-1,2-Dichloroethene

Concen: 47.101 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

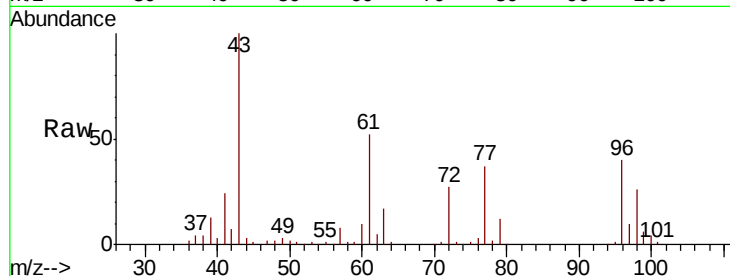
Tot Ion: 96 Resp: 153556

Ion Ratio Lower Upper

96 100

61 133.9 0.0 275.8

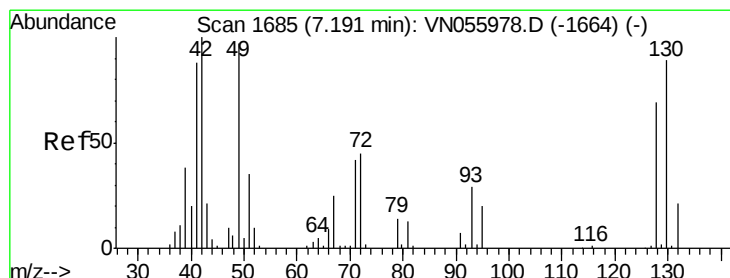
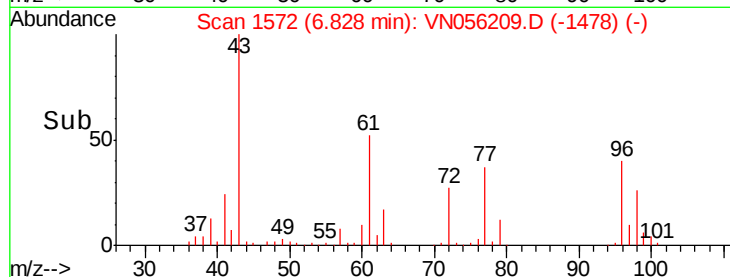
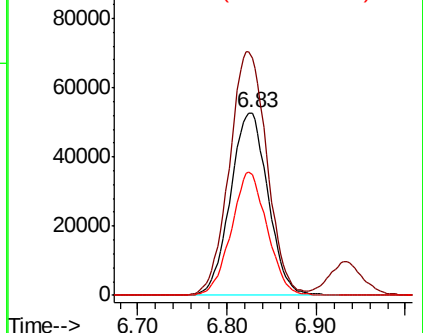
98 64.5 0.0 128.4



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: 49.097 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

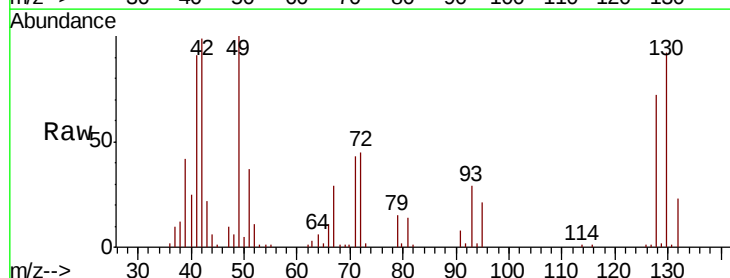
Tgt Ion: 49 Resp: 113160

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

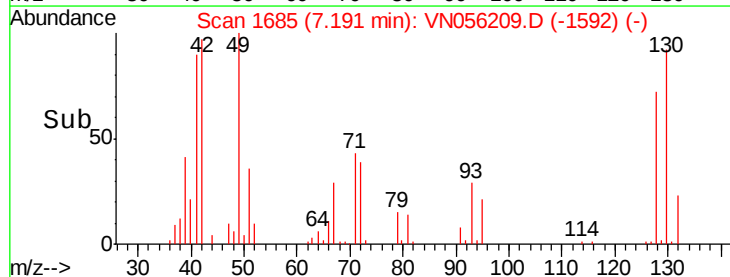
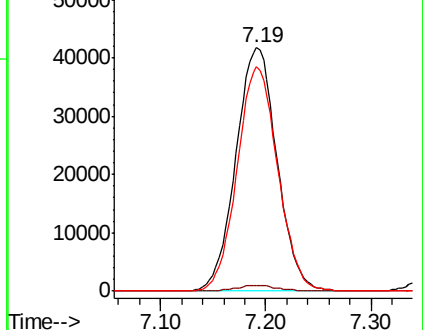
130 90.8 71.2 106.8

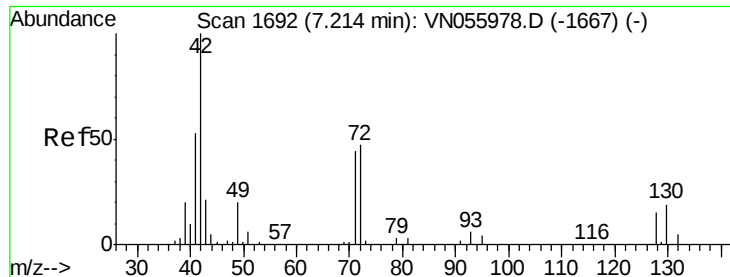


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

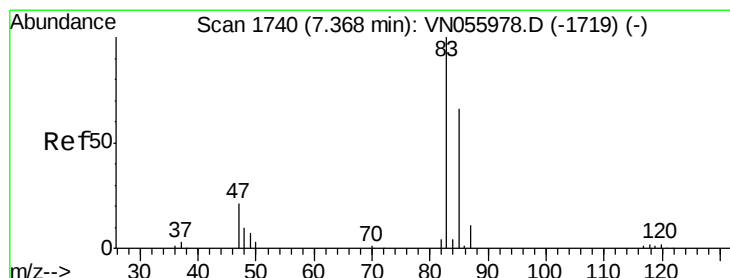
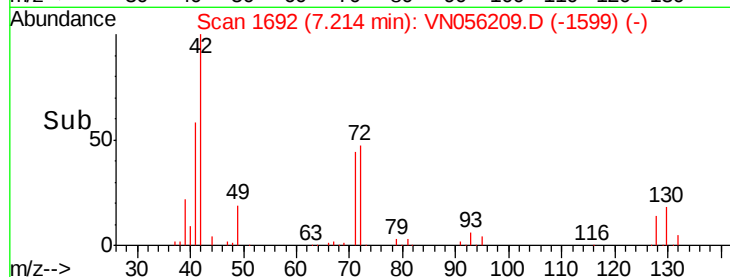
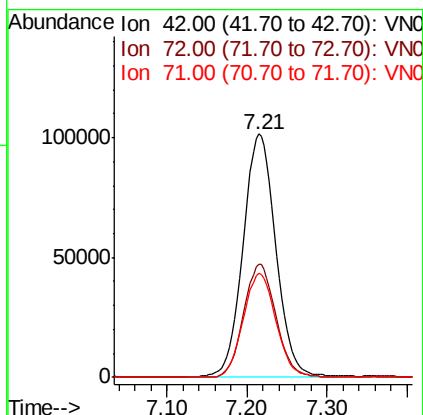
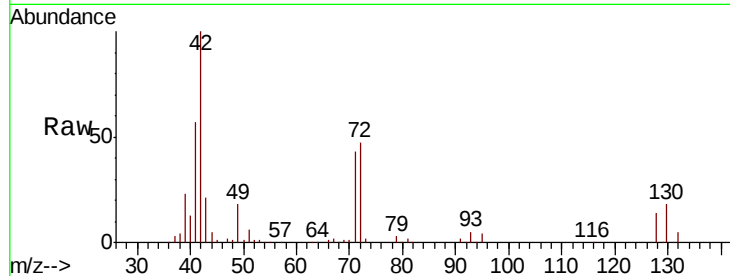




#29
Tetrahydrofuran
Concen: 247.338 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

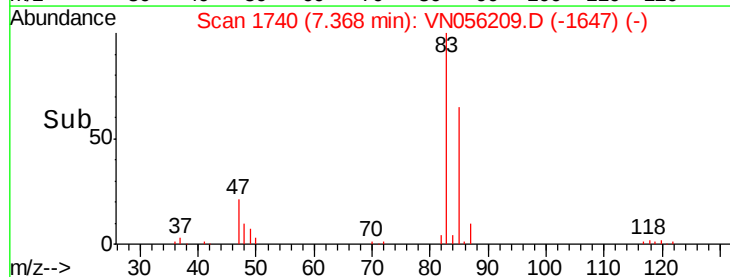
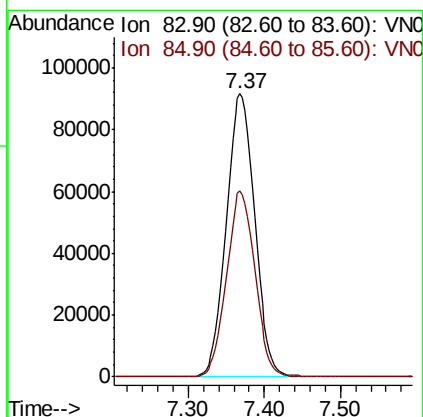
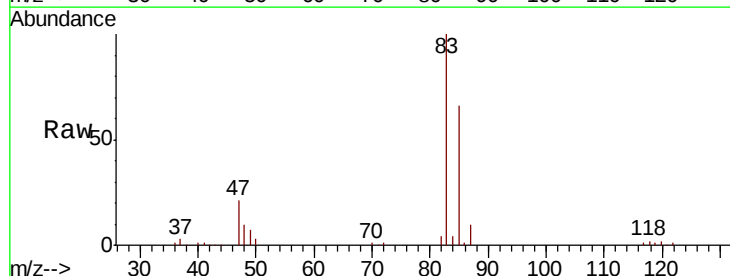
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

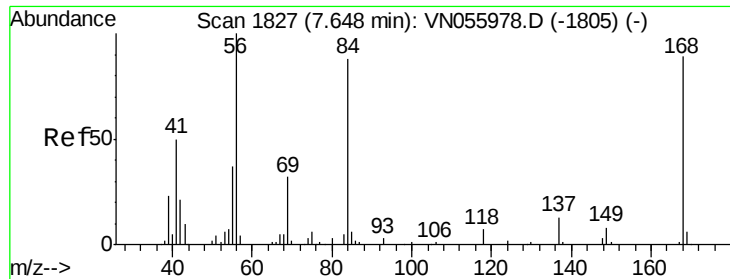
Tot Ion: 42 Resp: 282853
Ion Ratio Lower Upper
42 100
72 45.7 35.9 53.9
71 42.5 34.0 51.0



#30
Chloroform
Concen: 48.813 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 83 Resp: 239326
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.8

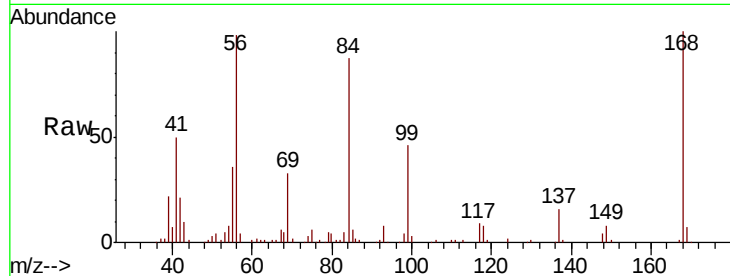




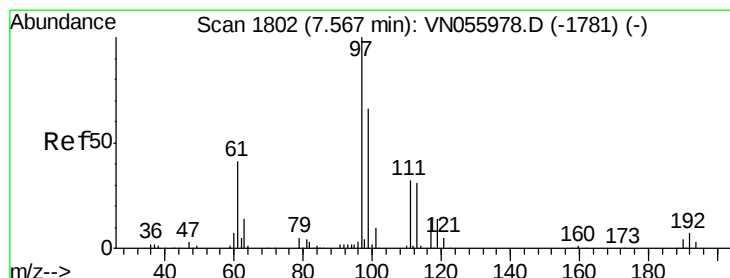
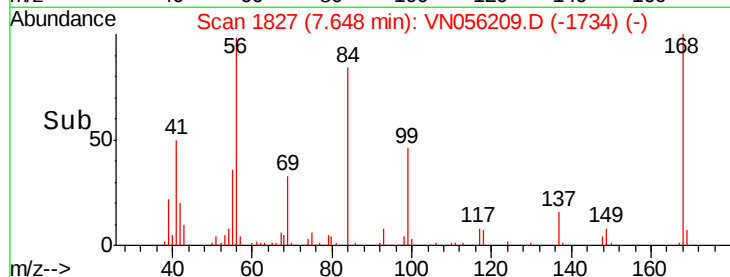
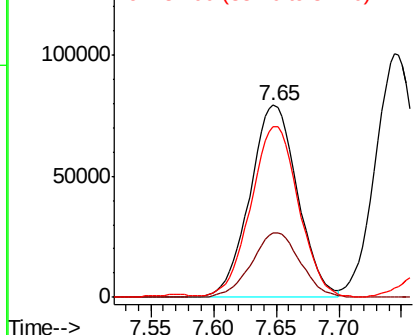
#31
Cyclohexane
Concen: 43.198 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 209861
Ion Ratio Lower Upper
56 100
69 33.5 25.6 38.4
84 87.5 67.4 101.0

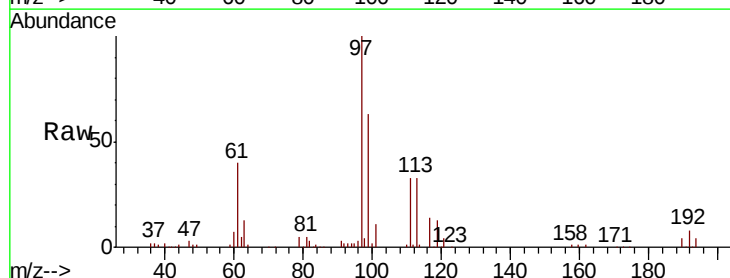


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

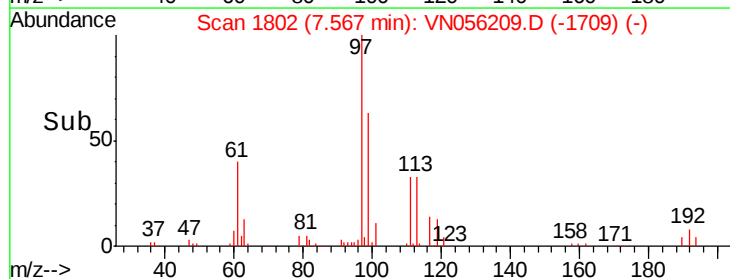
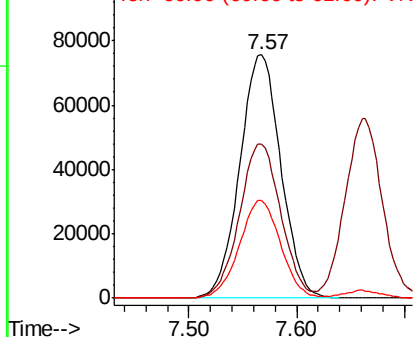


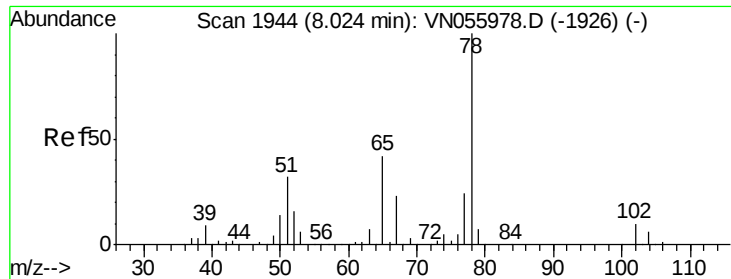
#32
1,1,1-Trichloroethane
Concen: 49.016 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 97 Resp: 200684
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 40.2 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

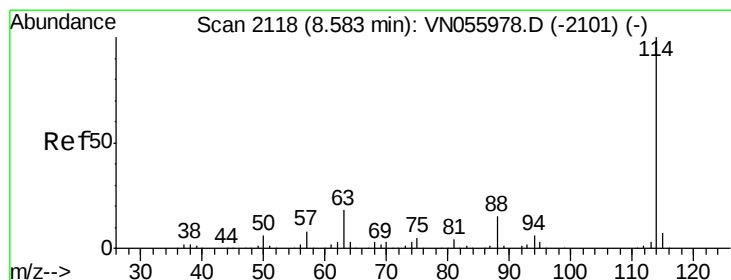
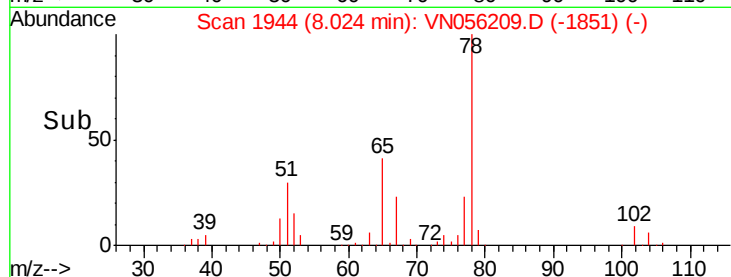
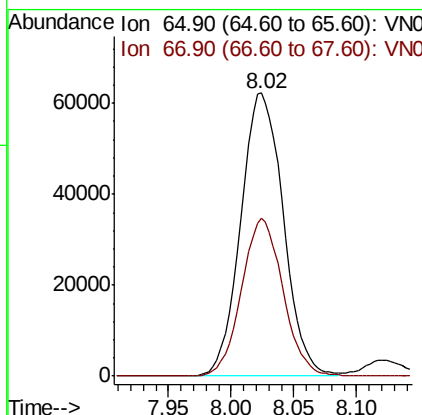
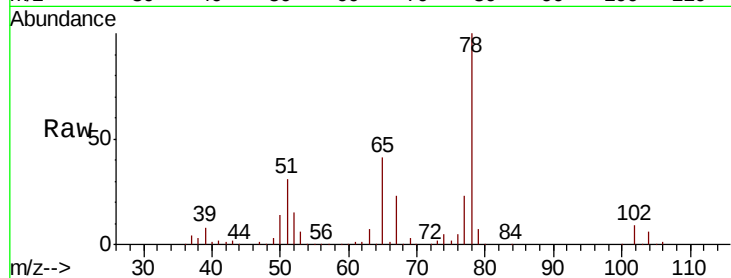




#33
 1,2-Dichloroethane-d4
 Concen: 47.858 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

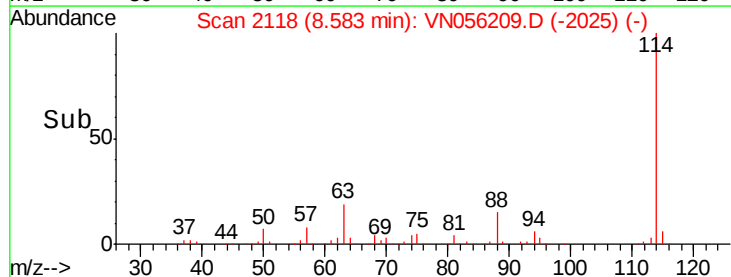
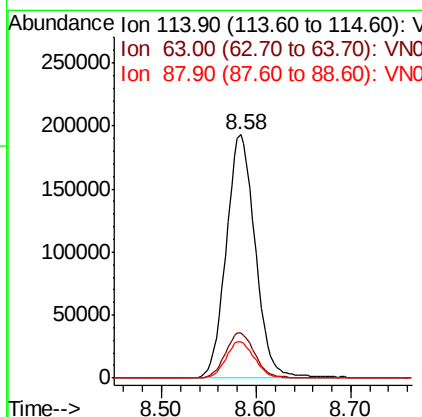
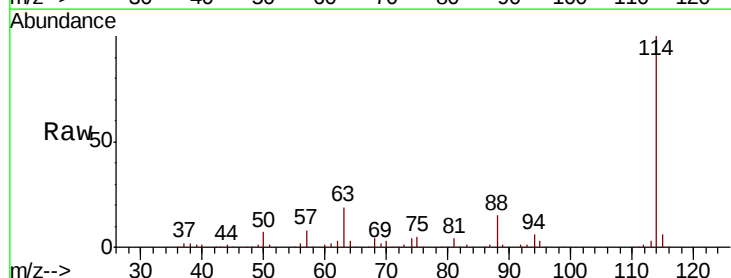
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

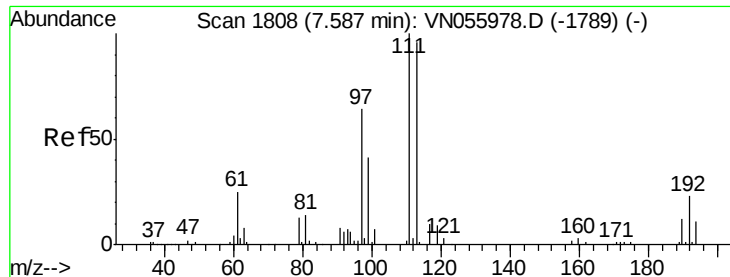
Tot Ion: 65 Resp: 146520
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion: 114 Resp: 412388
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.0 0.0 31.0

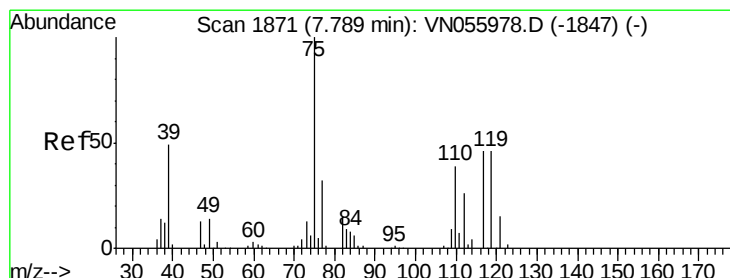
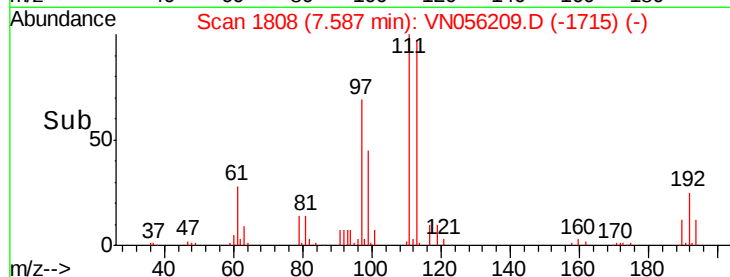
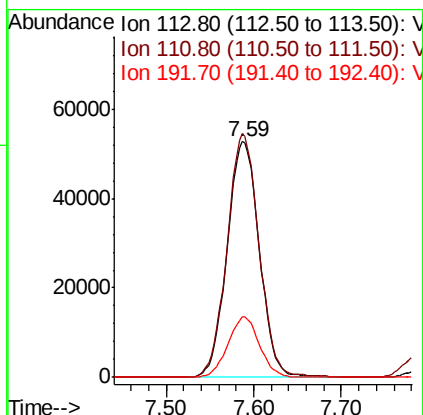
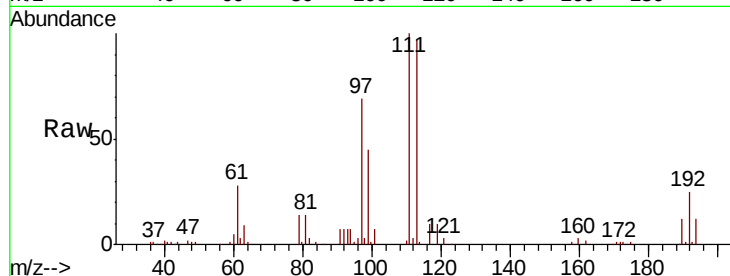




#35
Dibromofluoromethane
Concen: 53.152 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

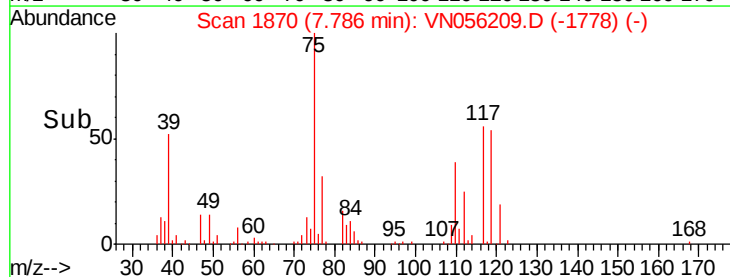
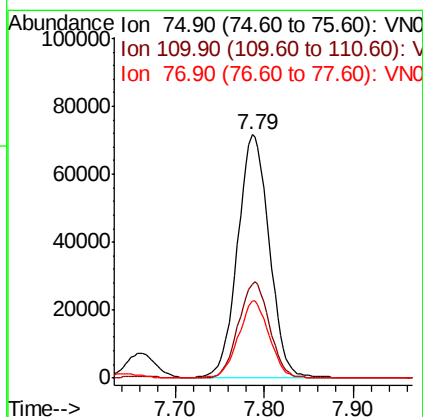
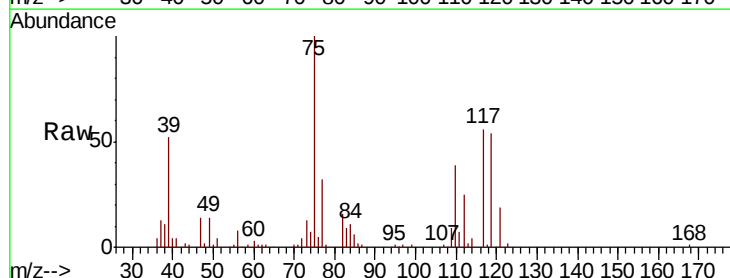
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

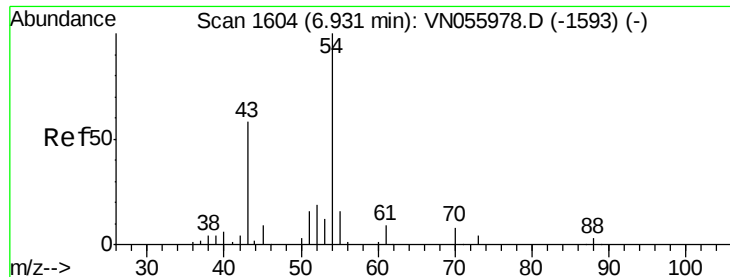
Tot Ion:113 Resp: 134483
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 25.1 19.5 29.3



#36
1,1-Dichloropropene
Concen: 49.560 ug/l
RT: 7.79 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 75 Resp: 175737
Ion Ratio Lower Upper
75 100
110 38.7 19.0 57.0
77 31.1 25.1 37.7

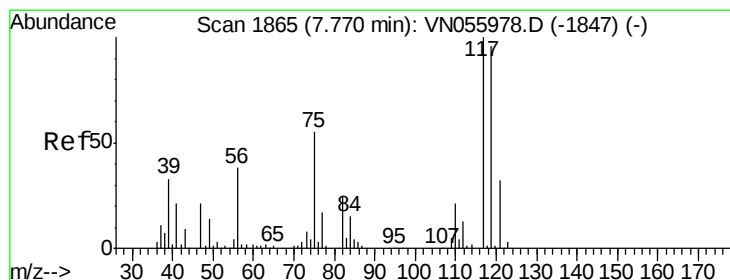
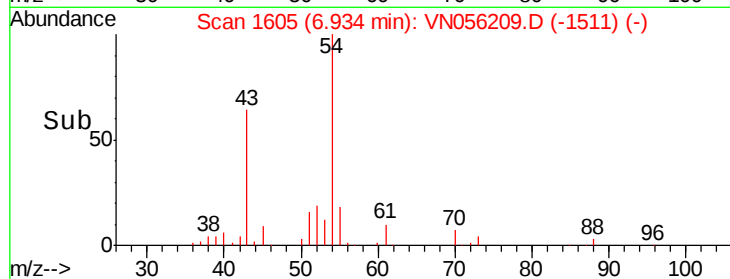
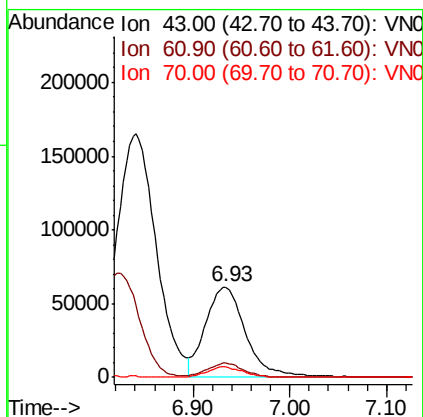
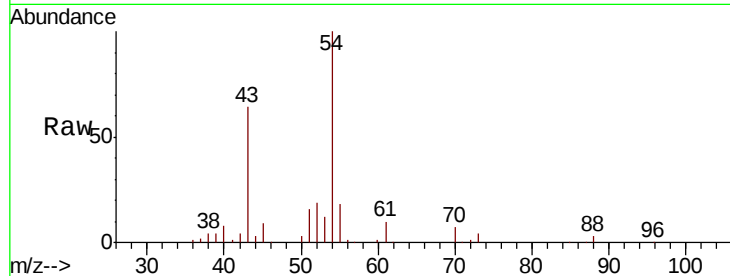




#37
Ethyl Acetate
Concen: 54.870 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

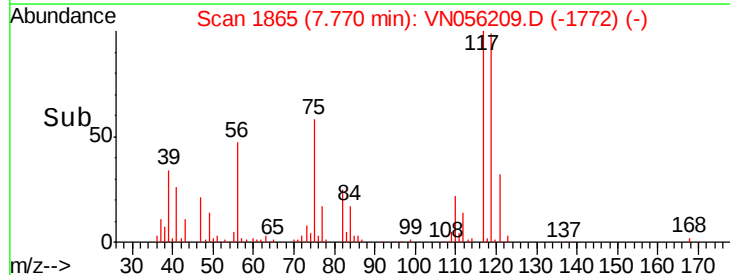
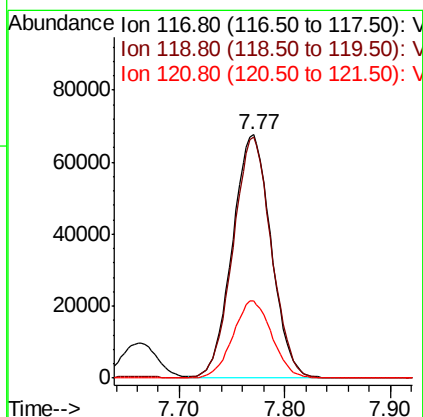
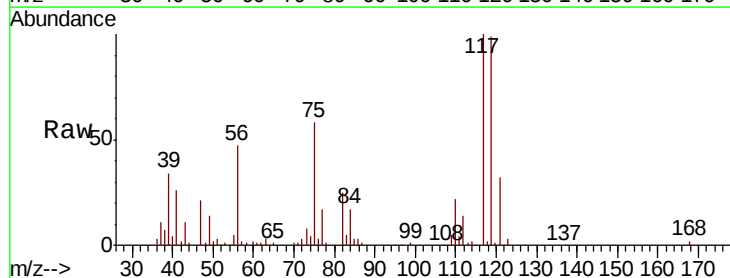
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

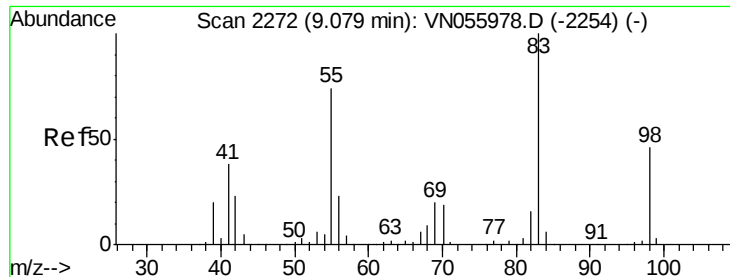
Tot Ion: 43 Resp: 173119
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.693 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 117 Resp: 172262
Ion Ratio Lower Upper
117 100
119 99.2 79.0 118.6
121 31.8 24.7 37.1

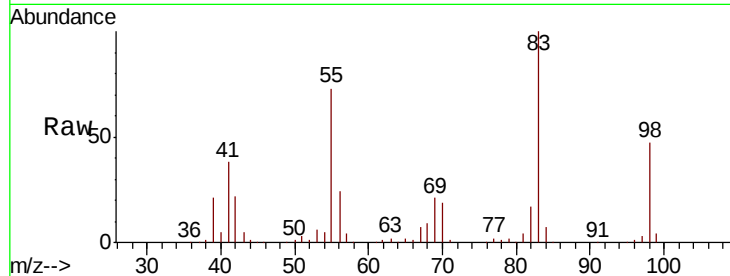




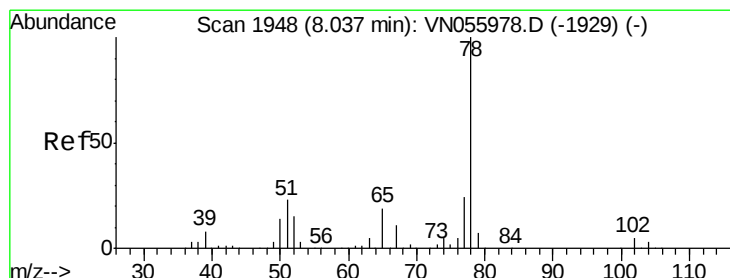
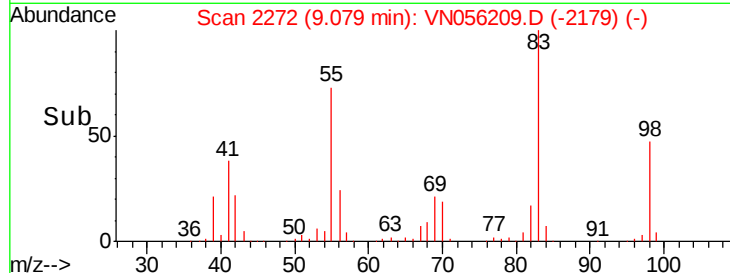
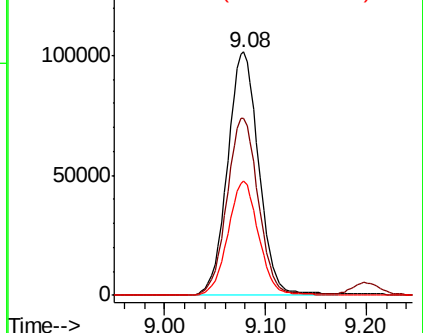
#39
Methvlcvclohexane
Concen: 49.613 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 219152
Ion Ratio Lower Upper
83 100
55 72.9 59.3 88.9
98 46.8 36.6 54.8

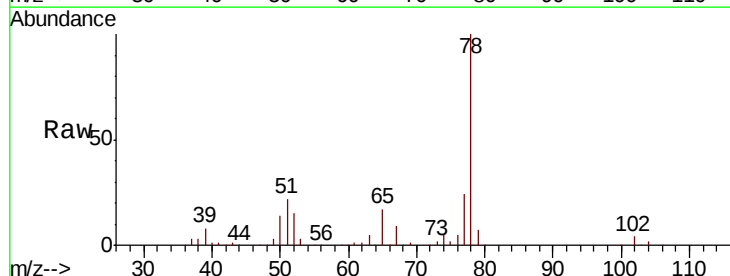


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

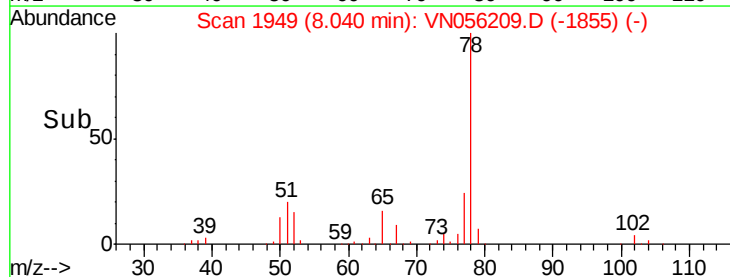
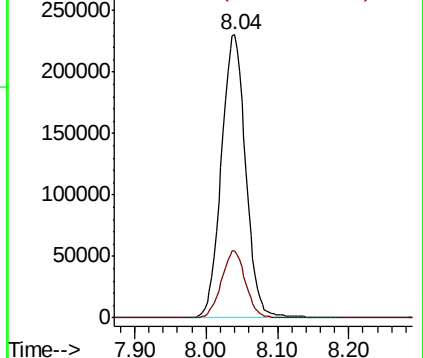


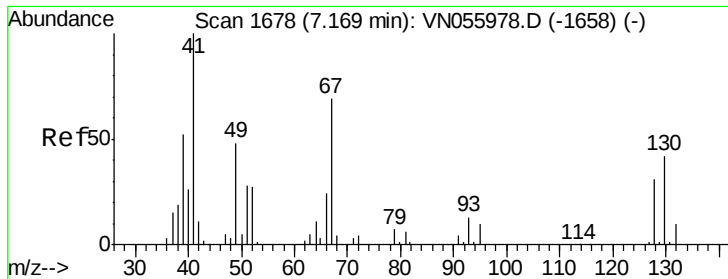
#40
Benzene
Concen: 50.787 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 78 Resp: 546966
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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

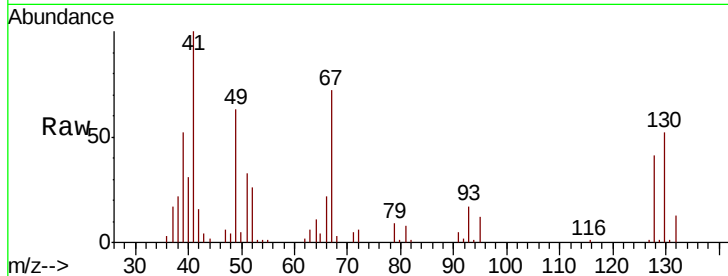




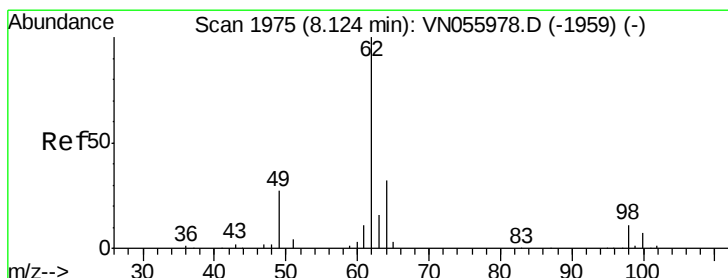
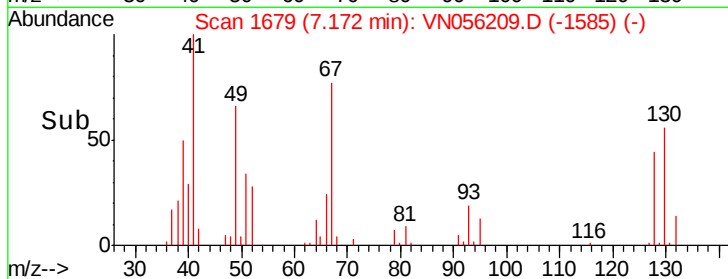
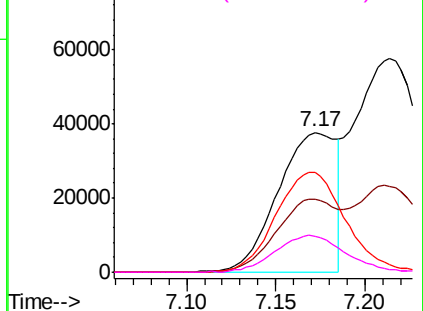
#41
Methacrylonitrile
Concen: 59.208 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 85947
Ion Ratio Lower Upper
41 100
39 55.9 45.6 68.4
67 85.3 67.7 101.5
52 32.2 26.6 40.0

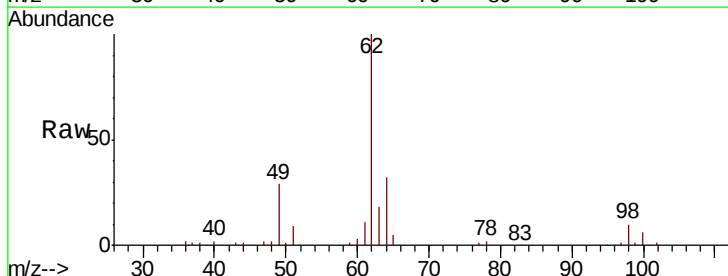


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

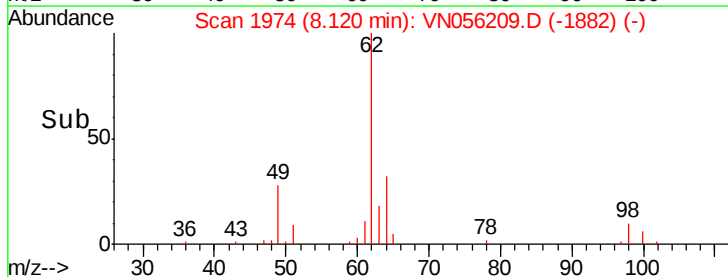
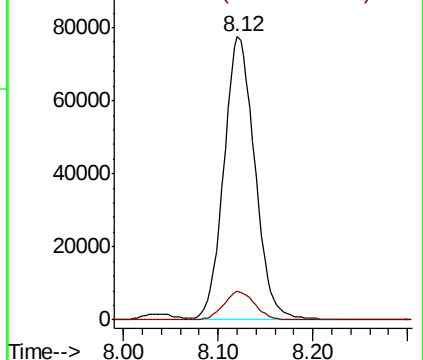


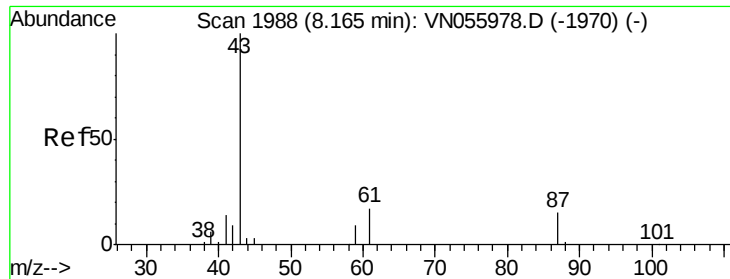
#42
1,2-Dichloroethane
Concen: 50.599 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 62 Resp: 175290
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 51.980 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

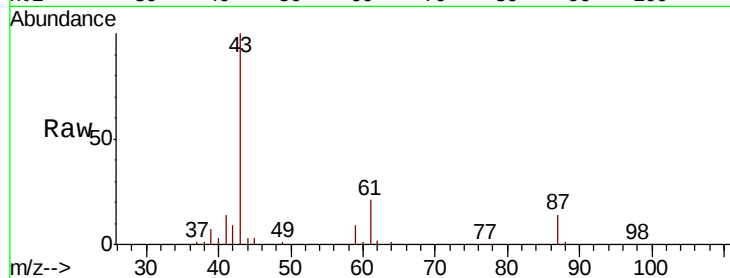
Tot Ion: 43 Resp: 265756

Ion Ratio Lower Upper

43 100

61 21.6 22.2 33.4#

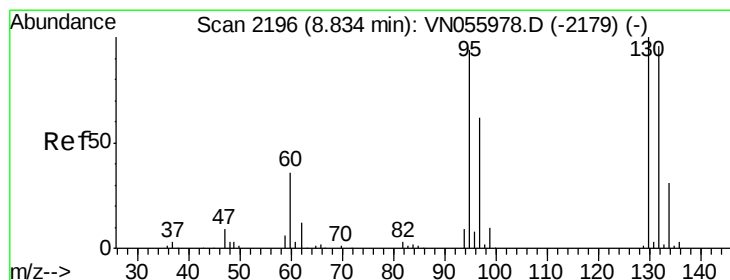
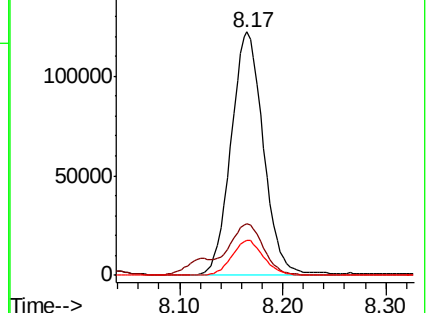
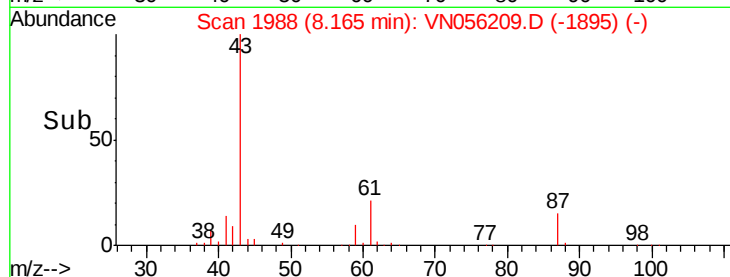
87 14.2 11.4 17.2



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

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

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



#44

Trichloroethene

Concen: 51.254 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056209.D

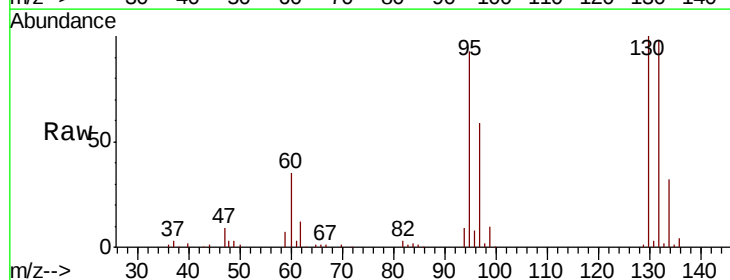
Acq: 11 Jun 2019 9:14

Tgt Ion: 130 Resp: 158616

Ion Ratio Lower Upper

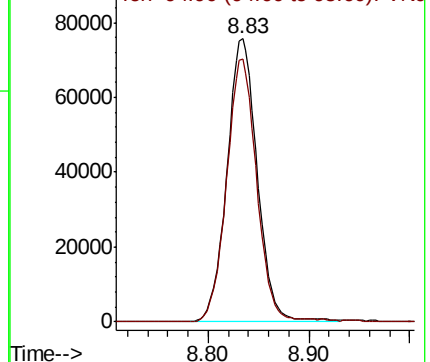
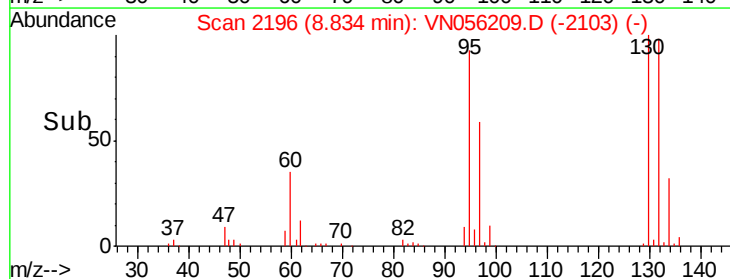
130 100

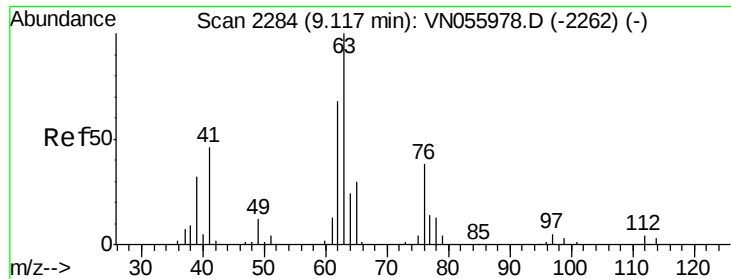
95 93.0 0.0 188.0



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

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

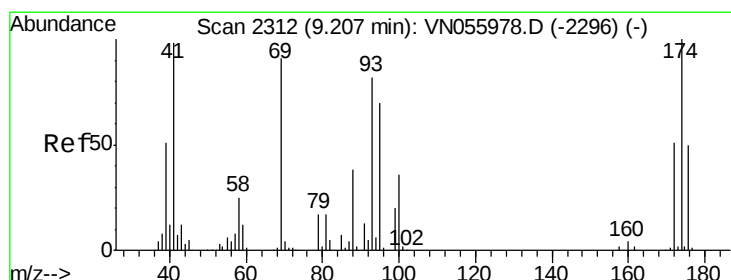
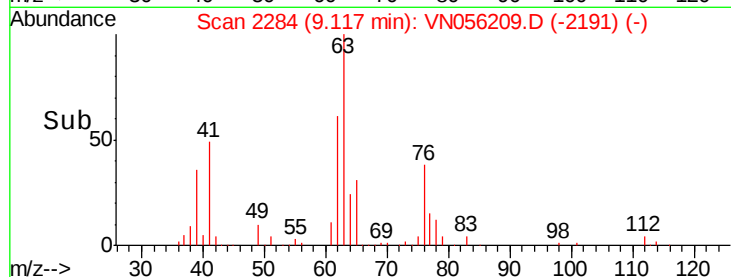
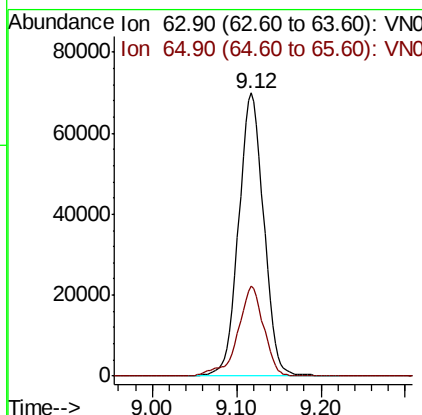
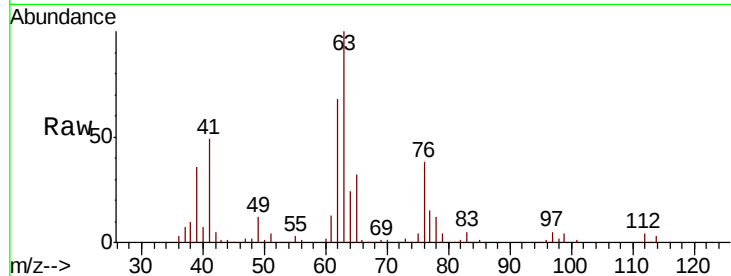




#45
 1,2-Dichloropropane
 Concen: 52.780 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

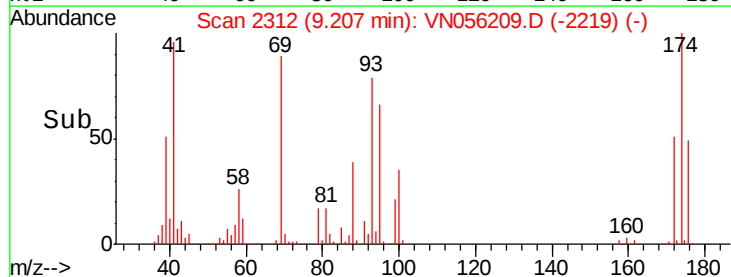
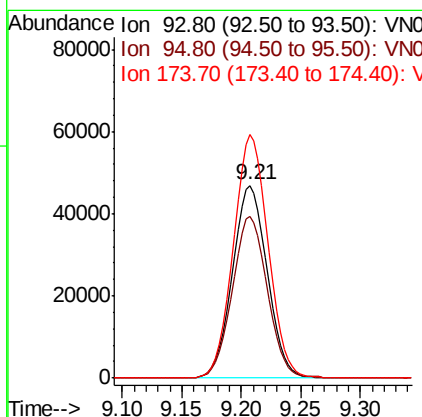
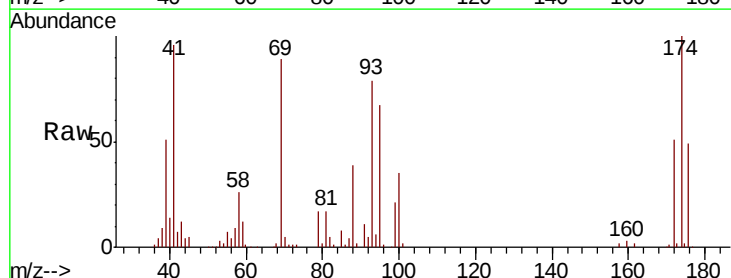
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

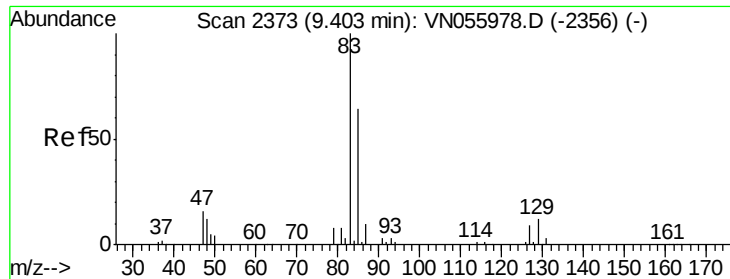
Tot Ion: 63 Resp: 145600
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 36.8



#46
 Dibromomethane
 Concen: 52.792 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion: 93 Resp: 95234
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.7 100.1
 174 125.6 96.4 144.6





#47

Bromodichloromethane

Concen: 55.766 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

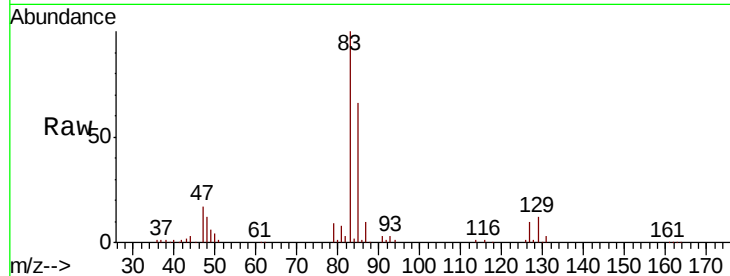
Tot Ion: 83 Resp: 182325

Ion Ratio Lower Upper

83 100

85 66.1 52.2 78.2

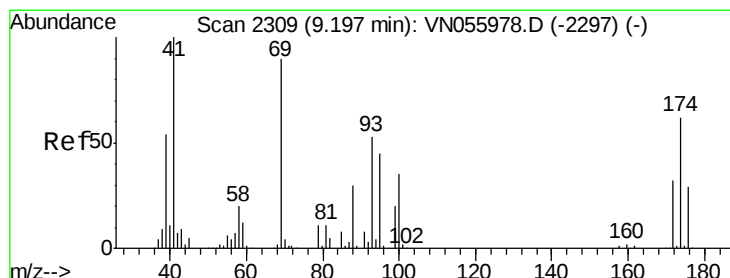
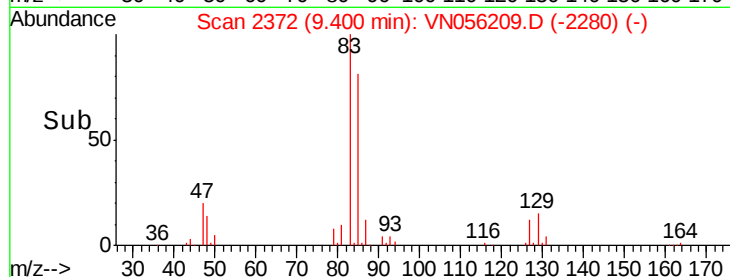
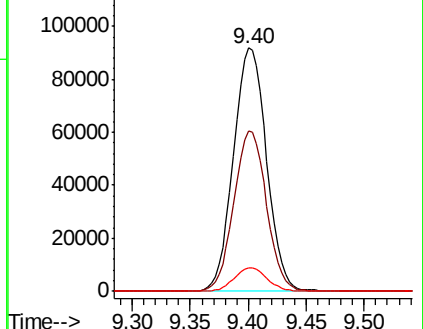
127 9.5 7.4 11.0



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: 53.471 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

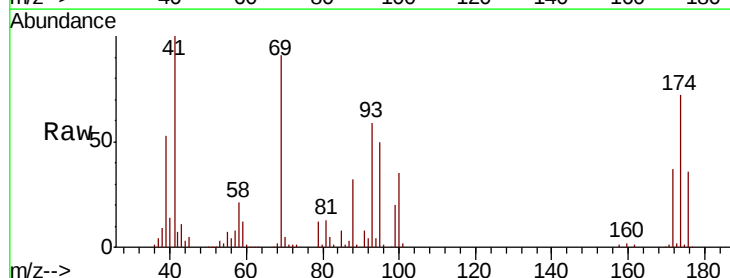
Tgt Ion: 41 Resp: 133745

Ion Ratio Lower Upper

41 100

69 90.8 71.0 106.6

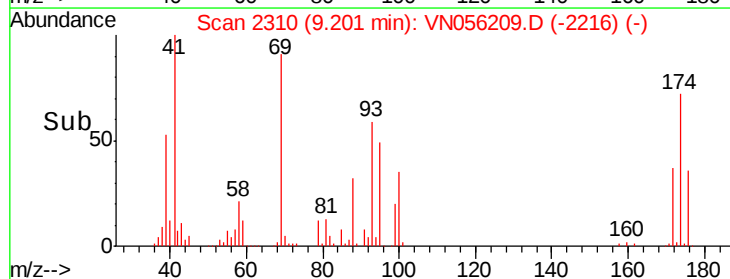
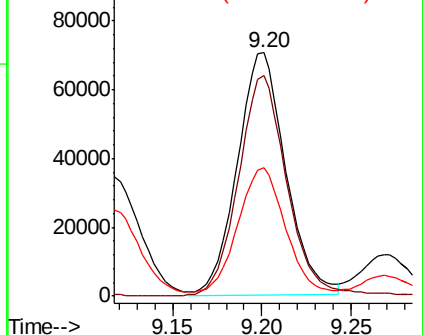
39 52.8 44.2 66.2

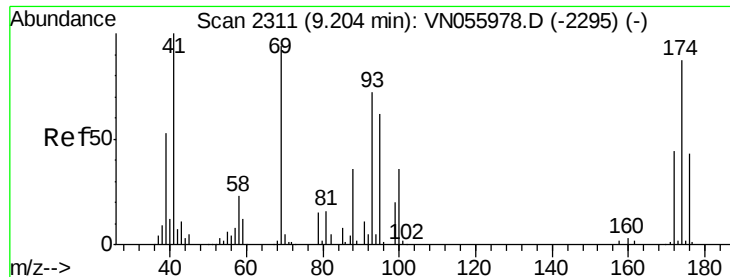


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

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

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

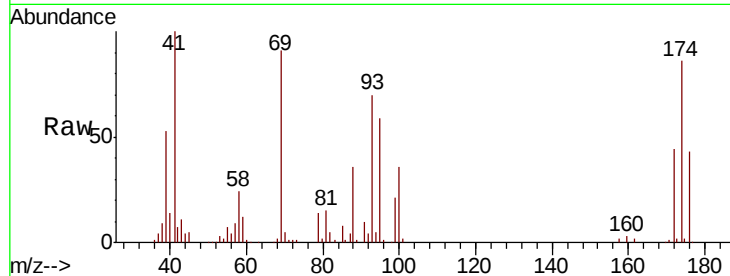




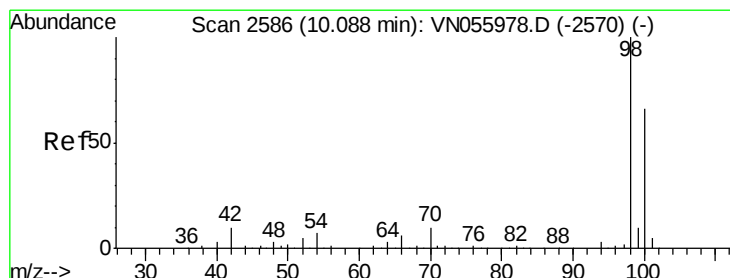
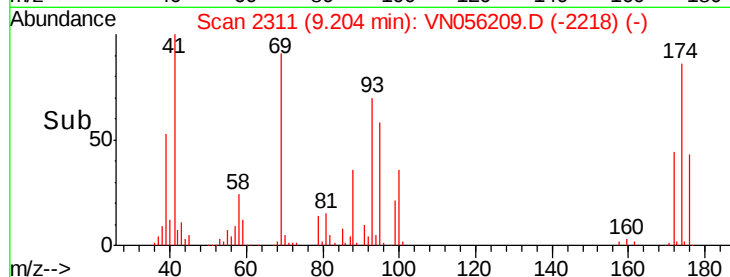
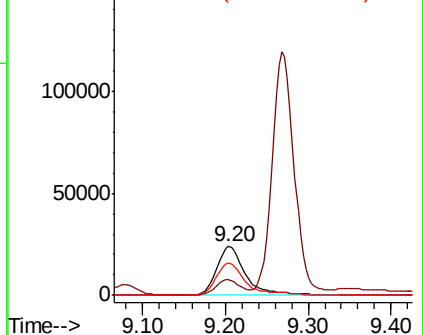
#49
1,4-Dioxane
Concen: 1074.887 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 58043
Ion Ratio Lower Upper
88 100
43 26.2 20.5 30.7
58 67.6 55.8 83.6

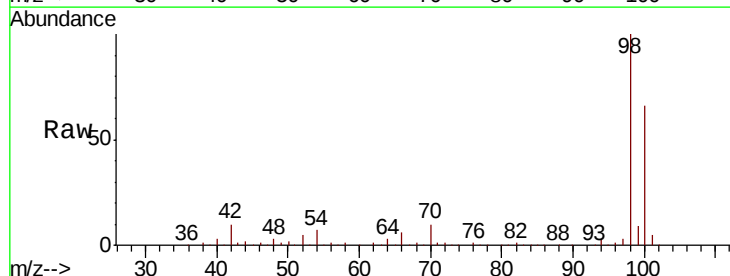


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

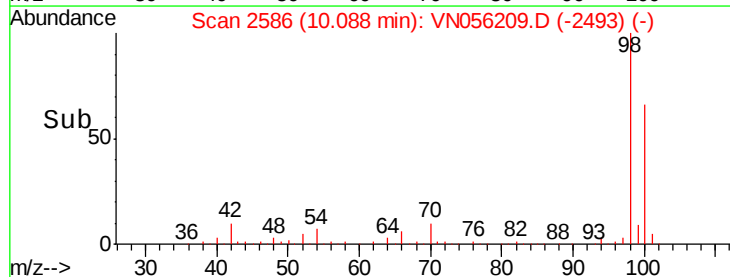
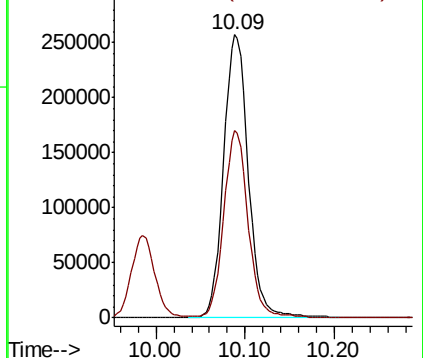


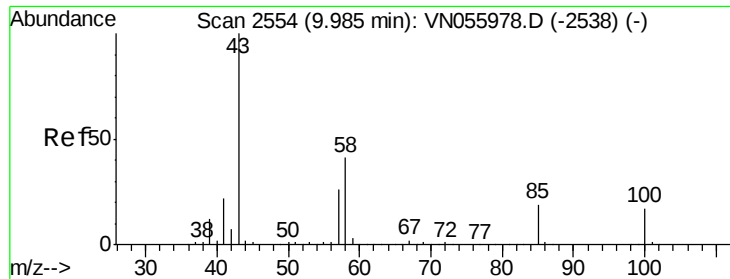
#50
Toluene-d8
Concen: 50.763 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 98 Resp: 494232
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 271.378 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

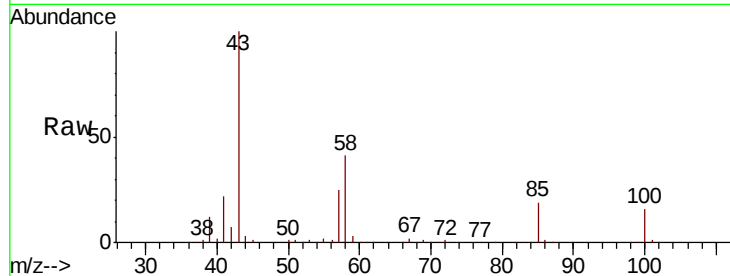
VSTDCCC050

Tot Ion: 43 Resp: 867651

Ion Ratio Lower Upper

43 100

58 40.4 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

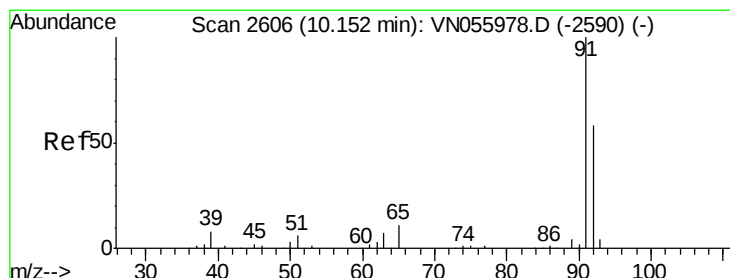
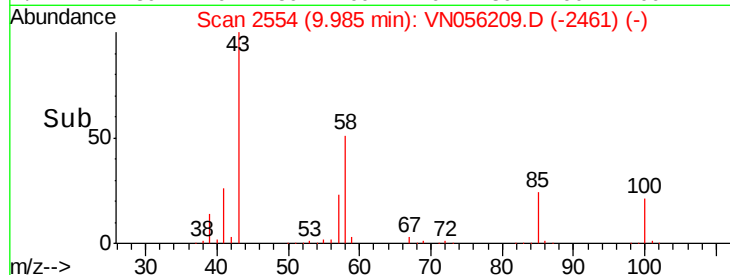
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.644 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056209.D

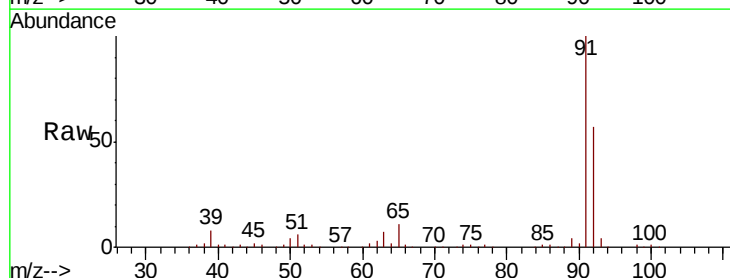
Acq: 11 Jun 2019 9:14

Tgt Ion: 92 Resp: 346102

Ion Ratio Lower Upper

92 100

91 173.8 139.4 209.2



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

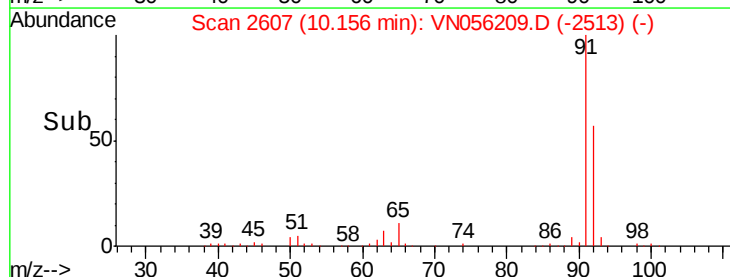
300000

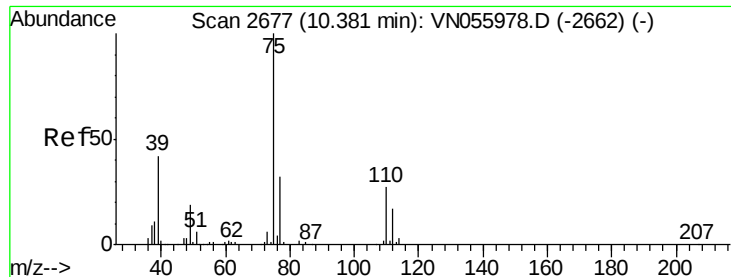
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.874 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

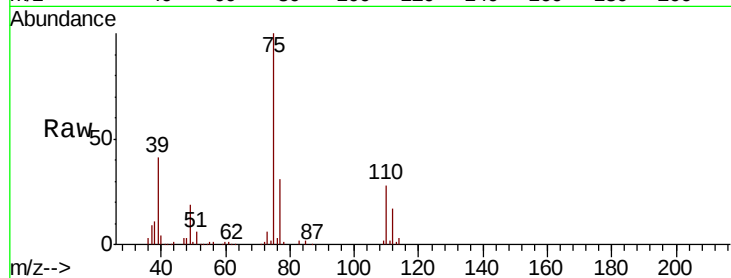
VSTDCCC050

Tot Ion: 75 Resp: 183099

Ion Ratio Lower Upper

75 100

77 31.3 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

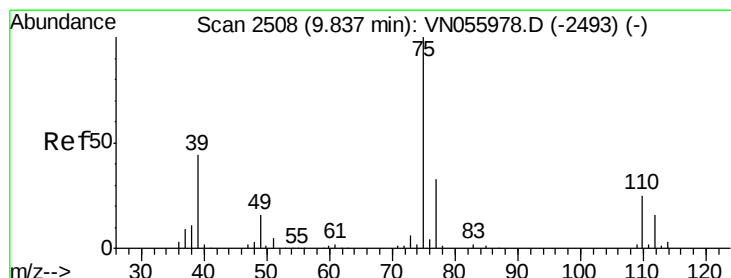
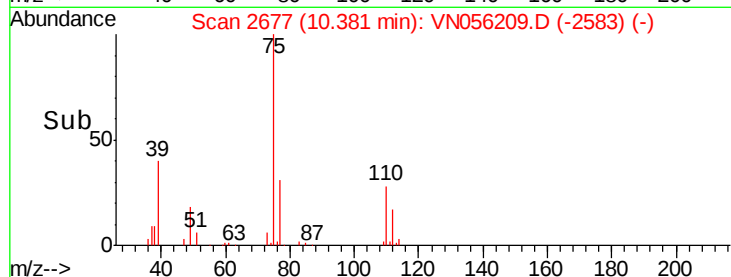
60000

40000

20000

0

Time--> 10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 54.470 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

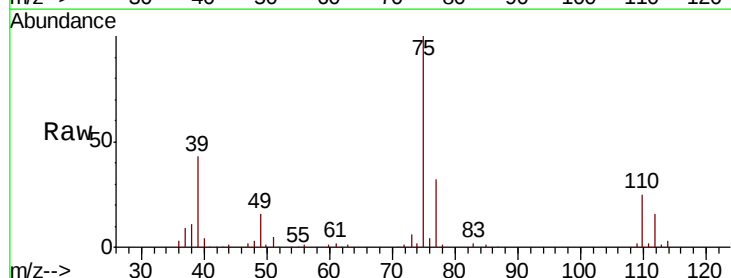
Tgt Ion: 75 Resp: 214066

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 43.1 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

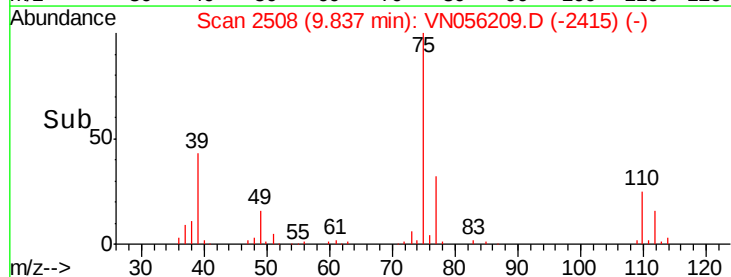
150000

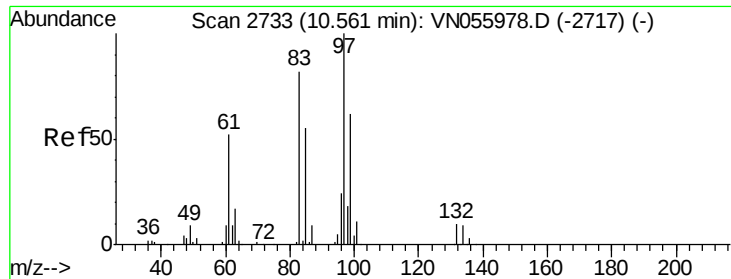
100000

50000

0

Time--> 9.75 9.80 9.85 9.90 9.95

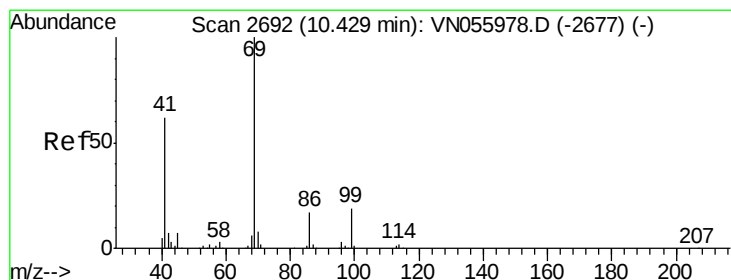
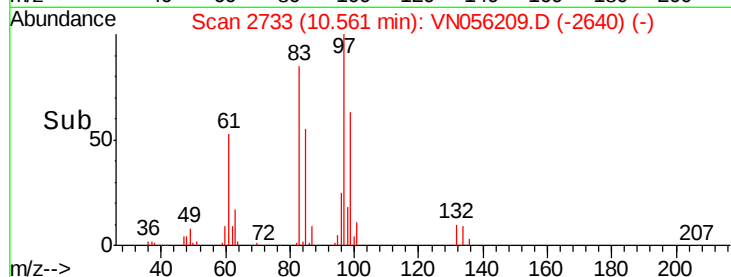
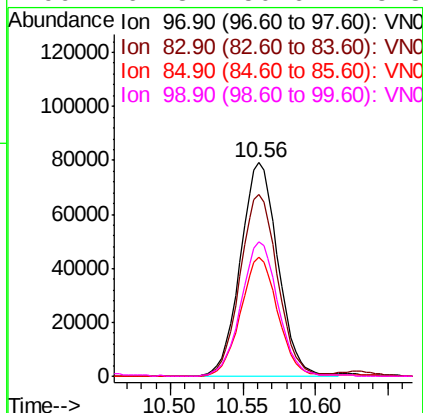
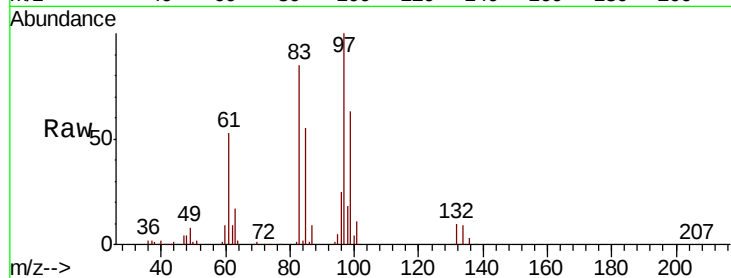




#55
 1,1,2-Trichloroethane
 Concen: 53.687 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

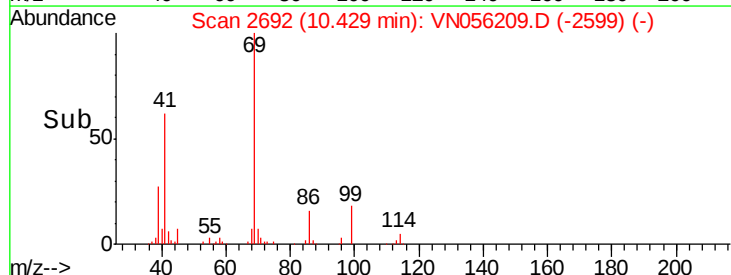
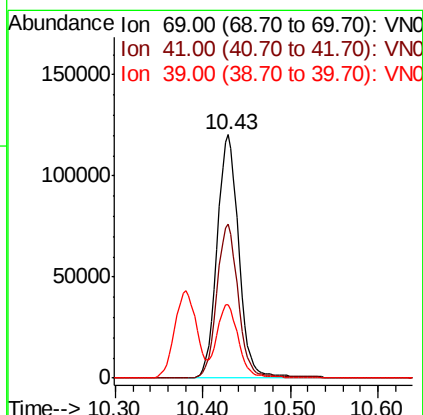
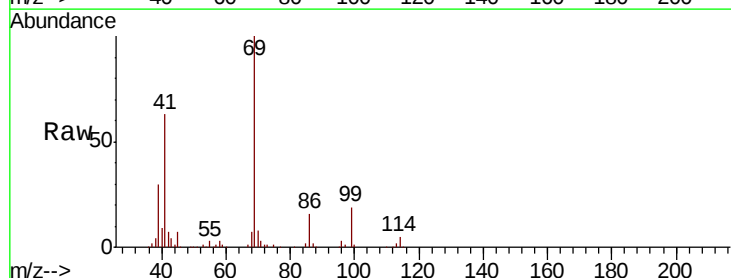
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

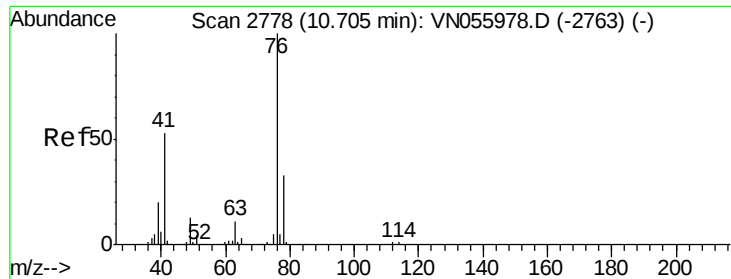
Tot Ion	97	Resp	142519
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.0	100.6
85	55.5	44.0	66.0
99	62.8	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 53.687 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion	69	Resp	207919
Ion	Ratio	Lower	Upper
69	100		
41	61.3	49.7	74.5
39	29.3	24.7	37.1

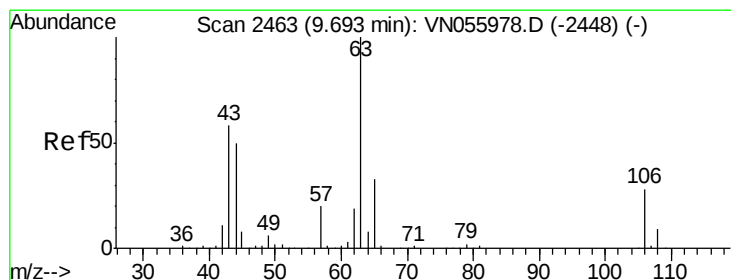
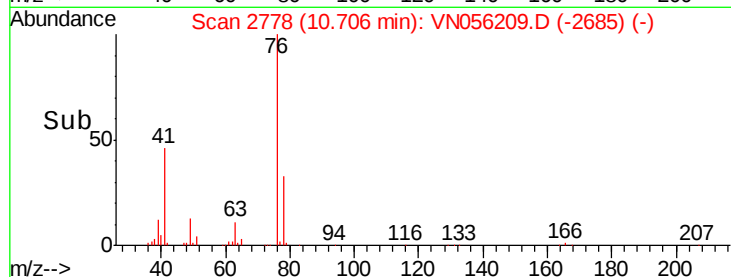
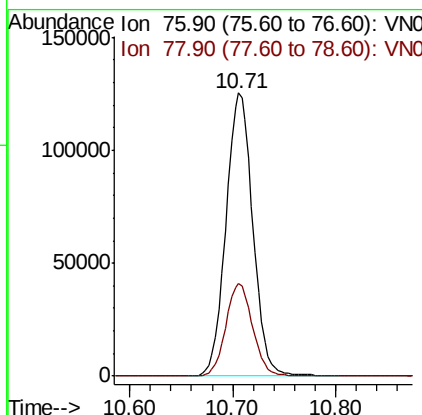
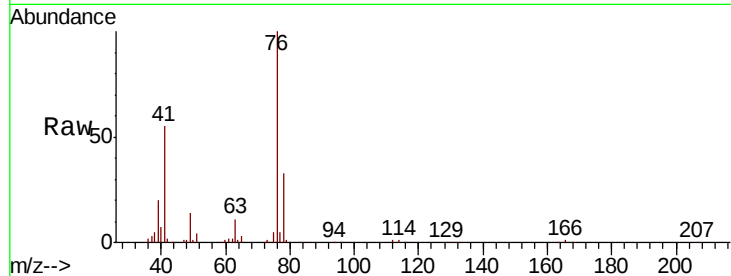




#57
 1,3-Dichloropropane
 Concen: 52.763 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

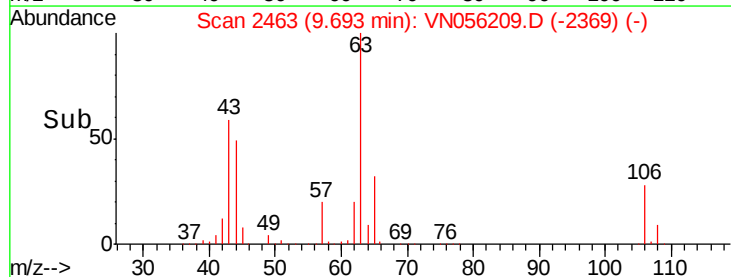
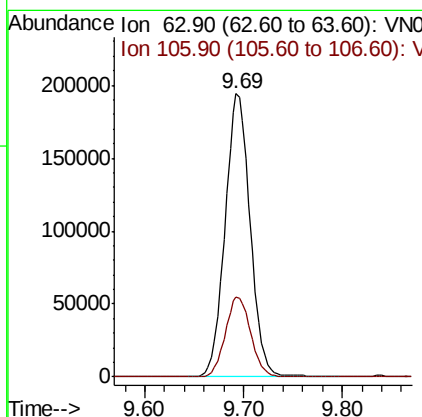
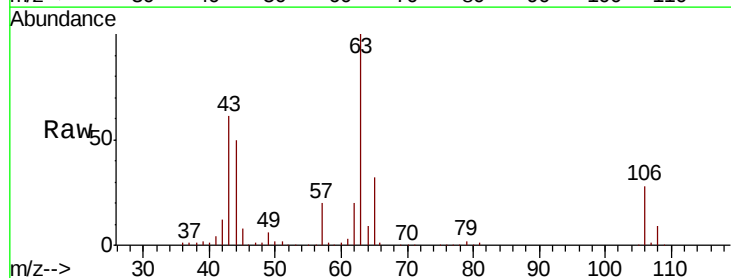
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

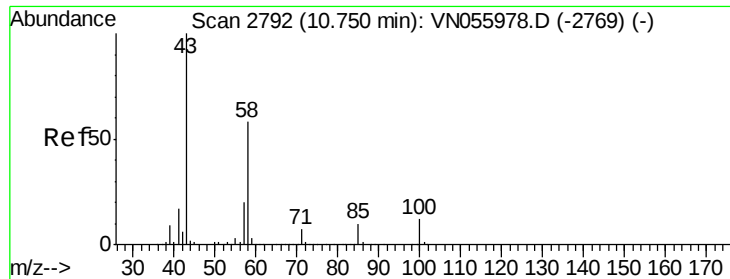
Tot Ion: 76 Resp: 227699
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.194 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion: 63 Resp: 346646
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.7 34.1

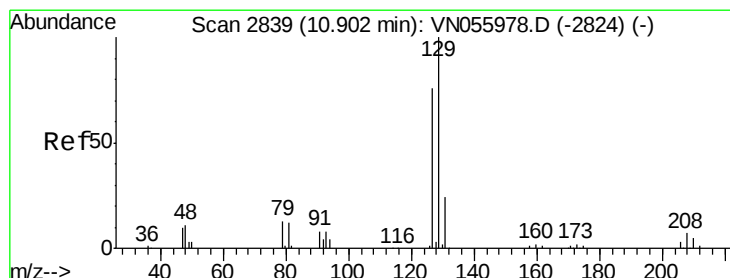
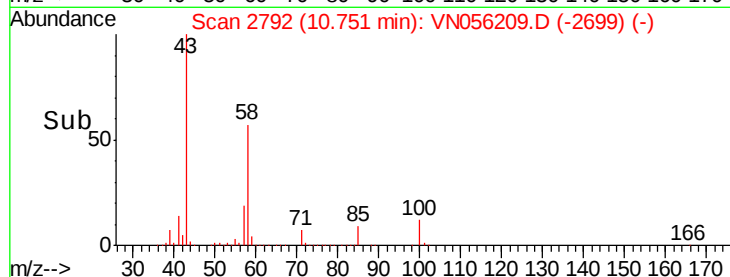
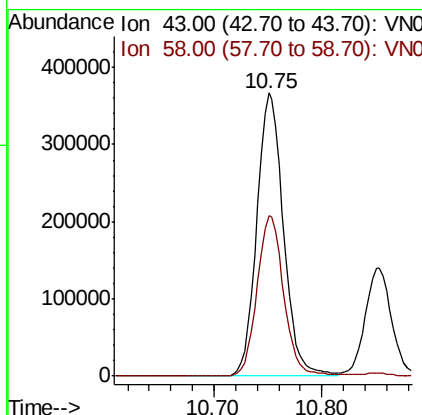
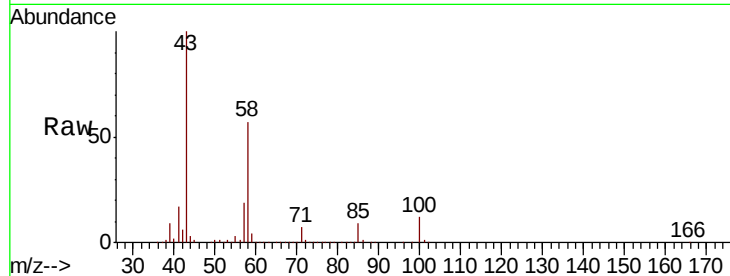




#59
2-Hexanone
Concen: 270.999 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

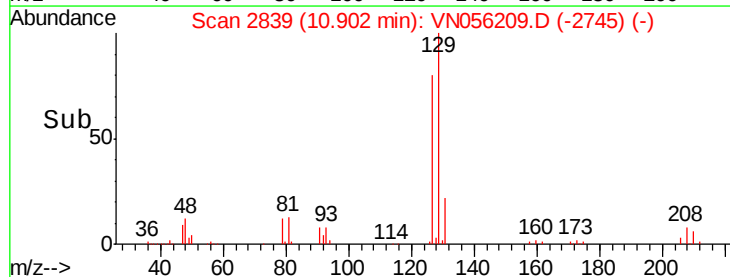
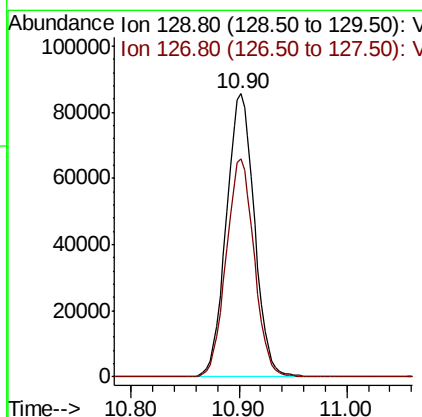
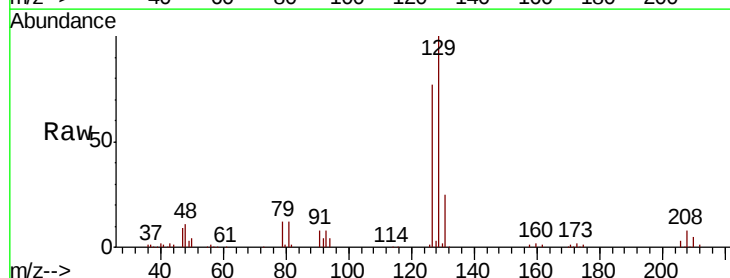
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

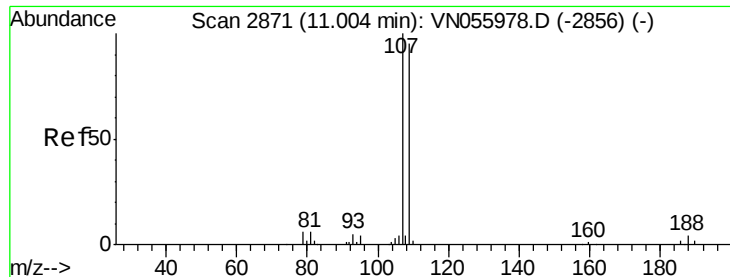
Tot Ion: 43 Resp: 627974
Ion Ratio Lower Upper
43 100
58 56.9 28.2 84.7



#60
Dibromochloromethane
Concen: 53.100 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 129 Resp: 155935
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 53.720 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

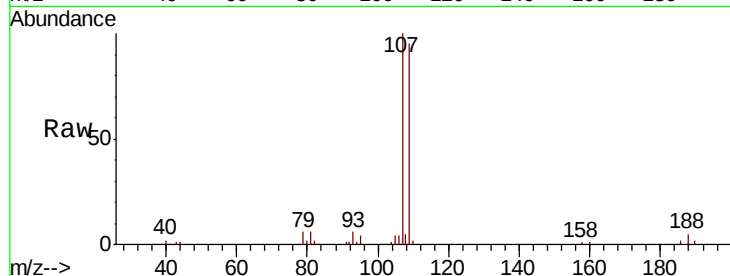
VSTDCCC050

Tot Ion: 107 Resp: 145787

Ion Ratio Lower Upper

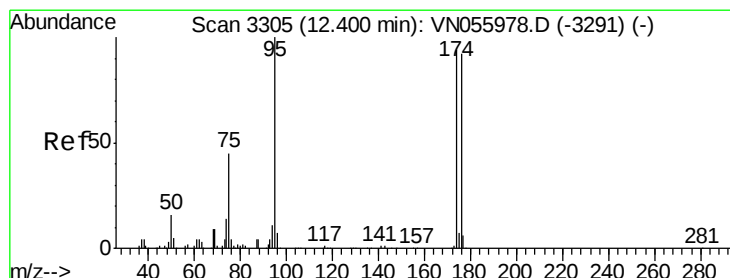
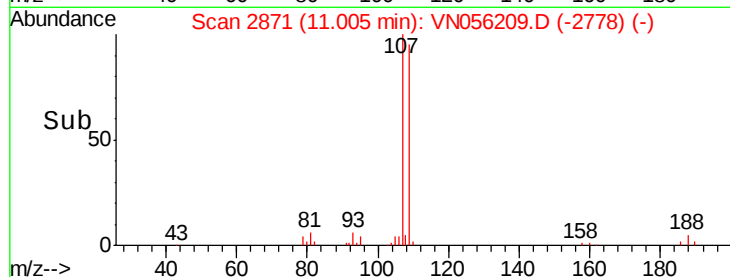
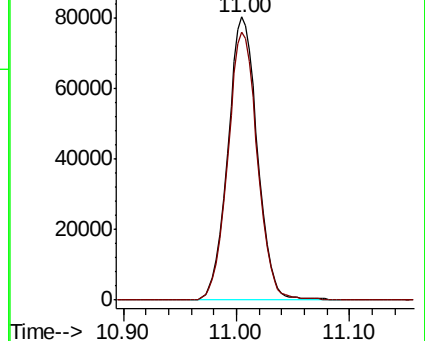
107 100

109 95.1 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: 52.589 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

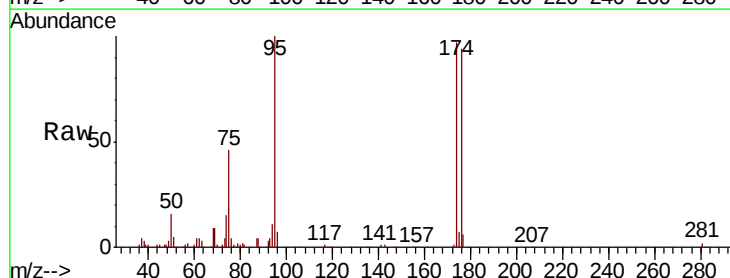
Tgt Ion: 95 Resp: 174121

Ion Ratio Lower Upper

95 100

174 98.0 0.0 191.0

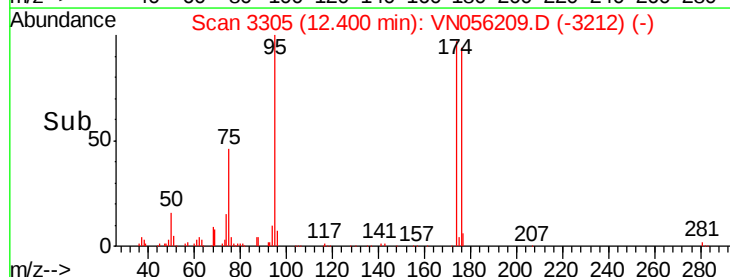
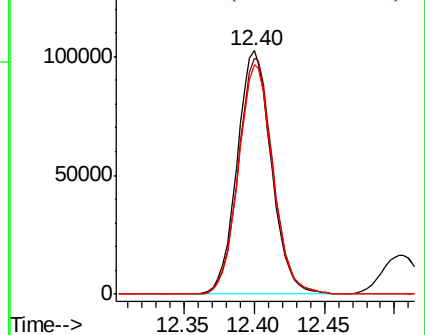
176 94.5 0.0 185.2

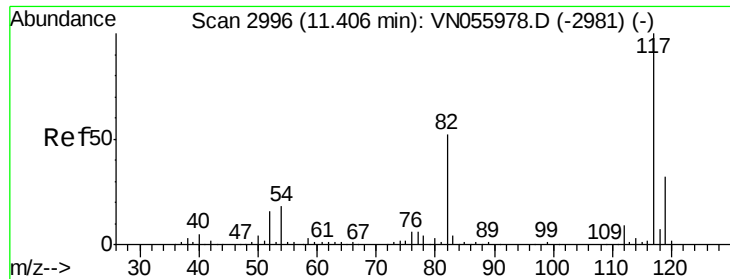


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

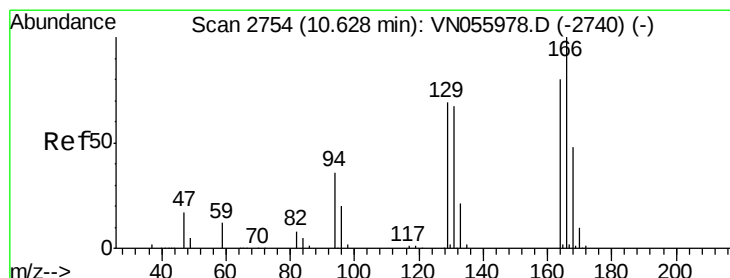
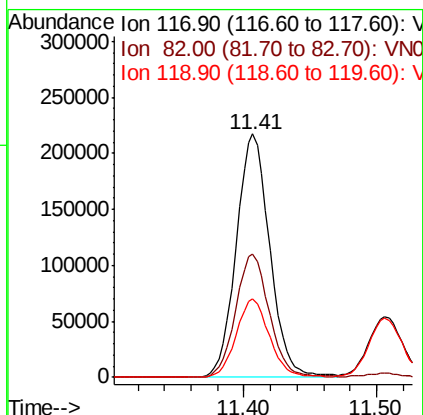
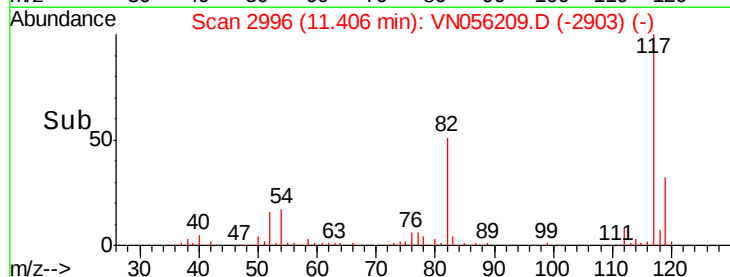
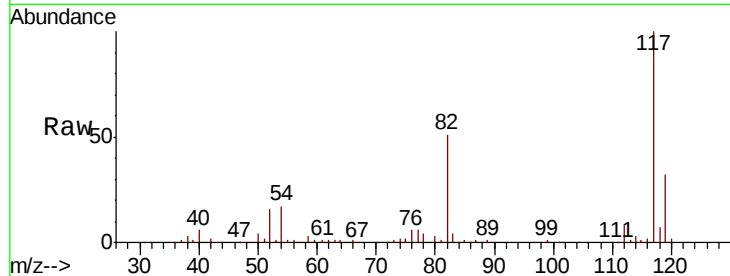




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

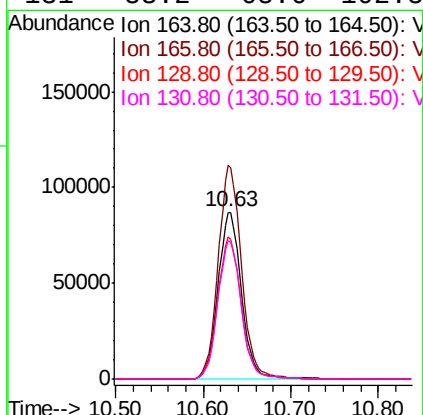
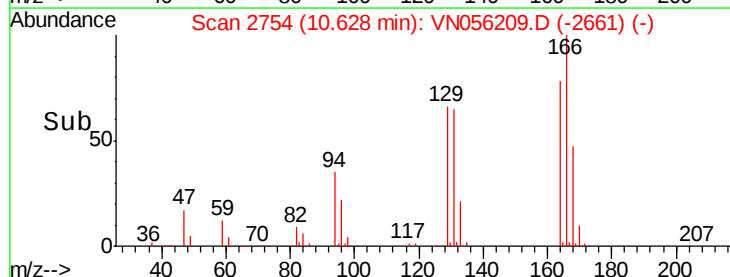
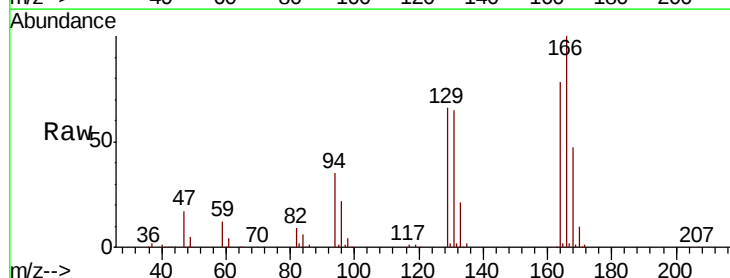
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

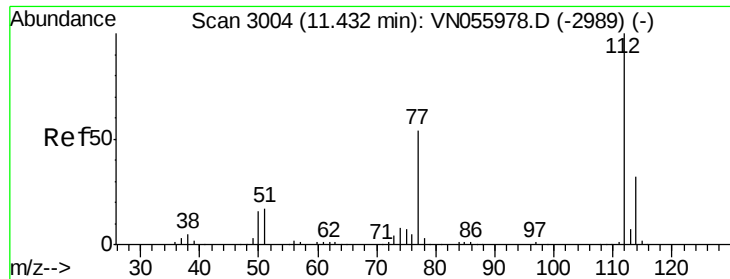
Tot Ion:117 Resp: 382677
Ion Ratio Lower Upper
117 100
82 50.6 41.8 62.8
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 48.830 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion:164 Resp: 161750
Ion Ratio Lower Upper
164 100
166 128.3 103.0 154.6
129 85.2 70.6 105.8
131 83.2 68.6 102.8

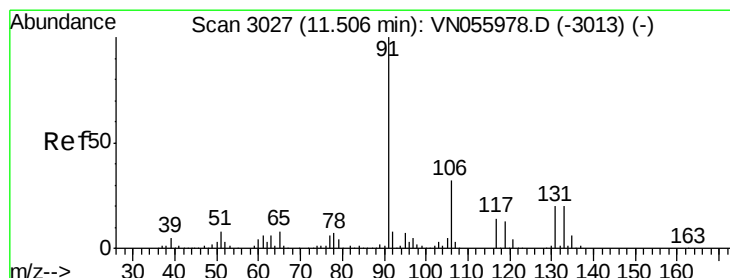
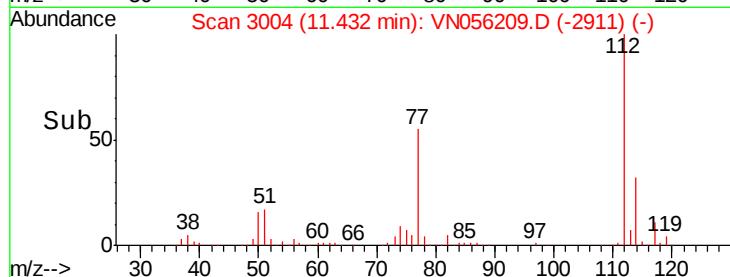
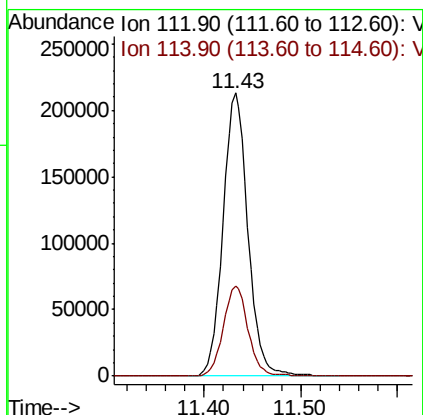
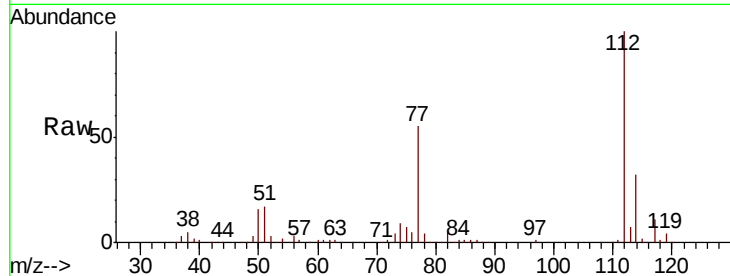




#65
Chlorobenzene
Concen: 50.002 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

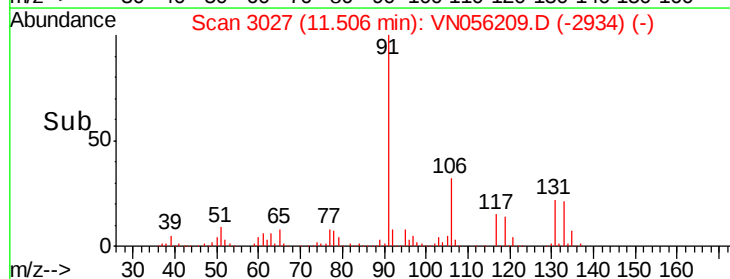
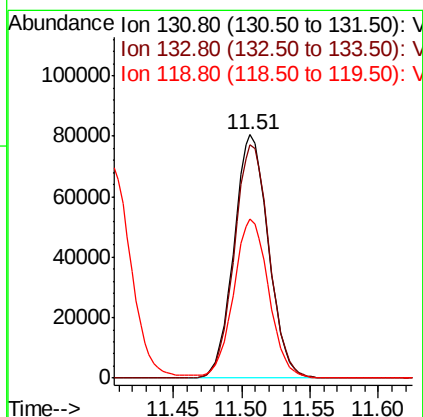
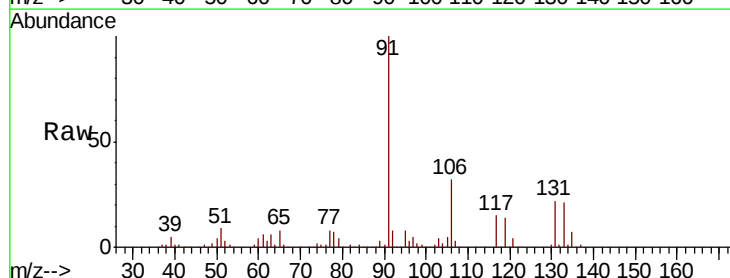
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

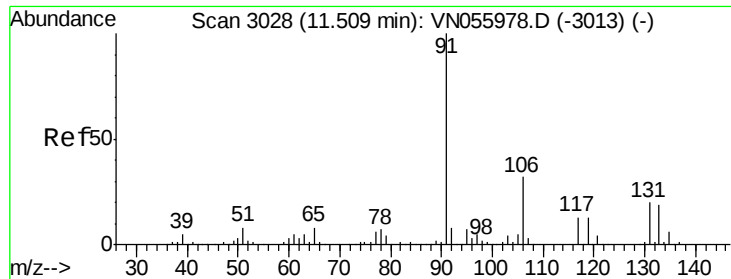
Tot Ion:112 Resp: 380820
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.787 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion:131 Resp: 141445
Ion Ratio Lower Upper
131 100
133 97.0 48.0 144.0
119 66.6 33.1 99.5

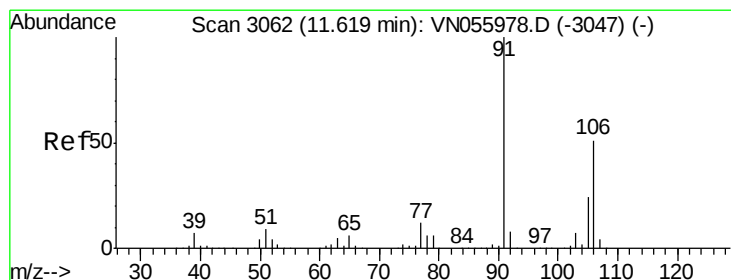
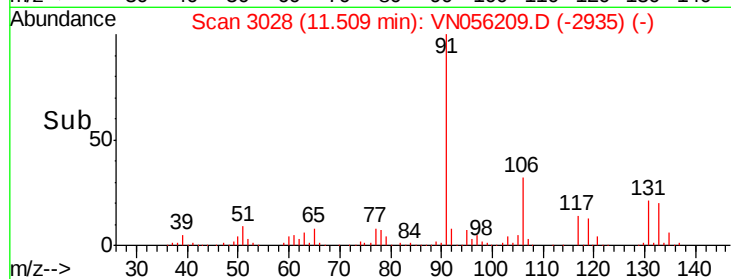
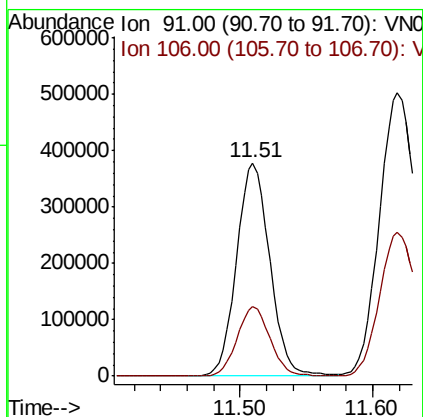
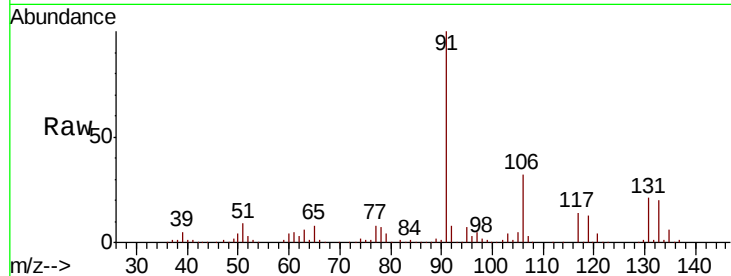




#67
Ethyl Benzene
Concen: 49.808 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

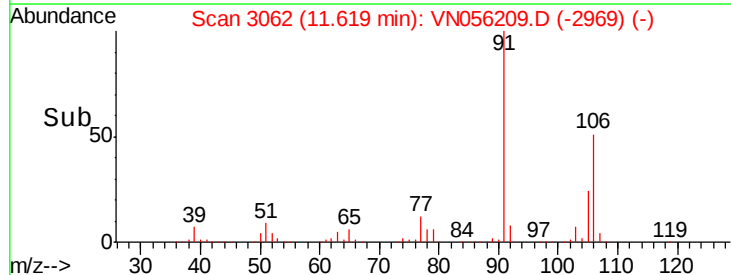
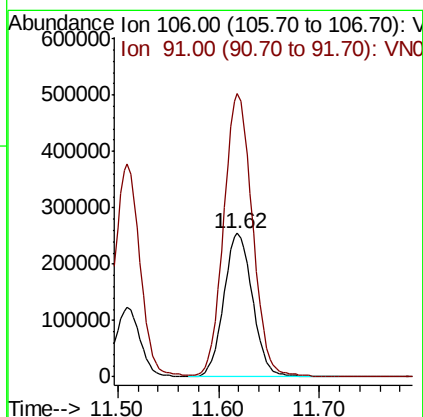
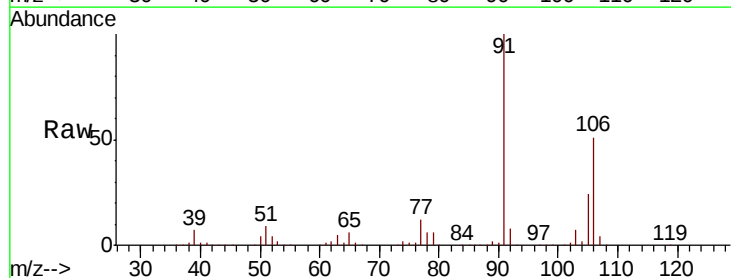
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

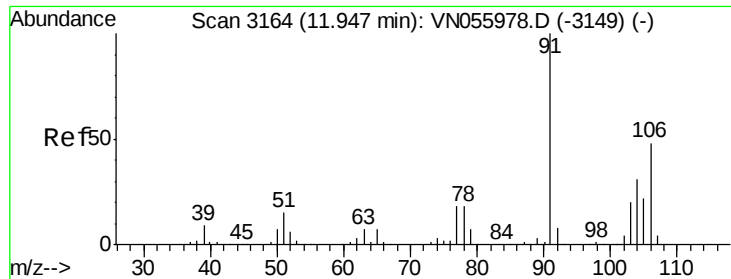
Tot Ion: 91 Resp: 659613
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



#68
m/p-Xylenes
Concen: 100.446 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 106 Resp: 508154
Ion Ratio Lower Upper
106 100
91 197.1 159.3 238.9

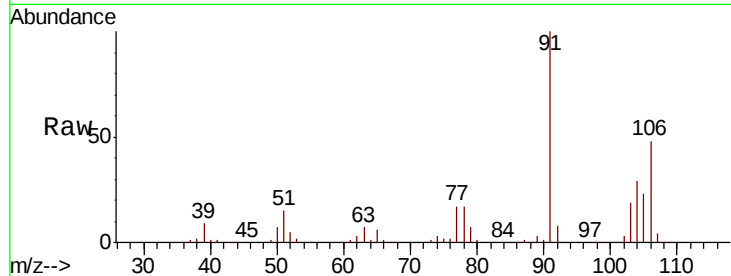




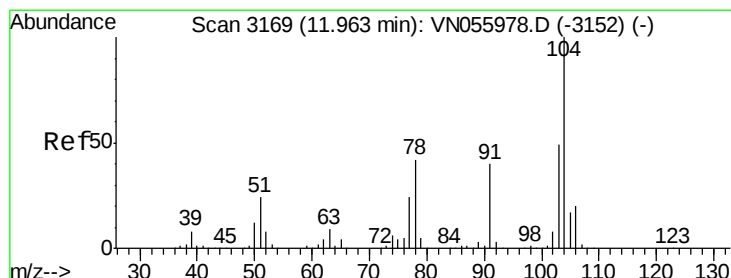
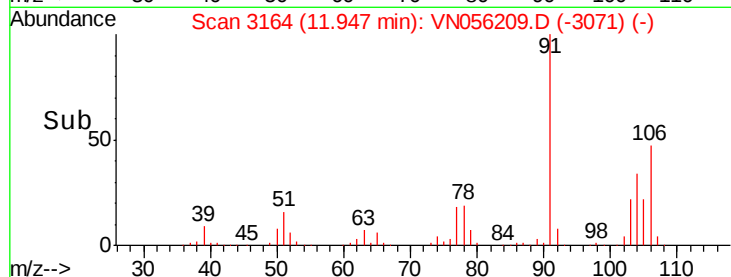
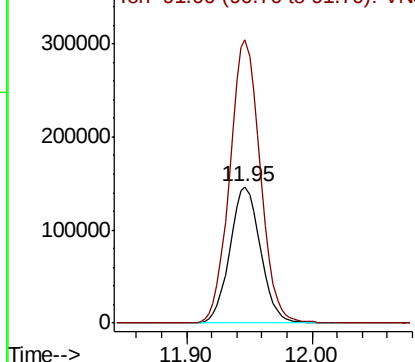
#69
o-Xylene
Concen: 49.934 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 248489
Ion Ratio Lower Upper
106 100
91 206.5 104.7 314.1

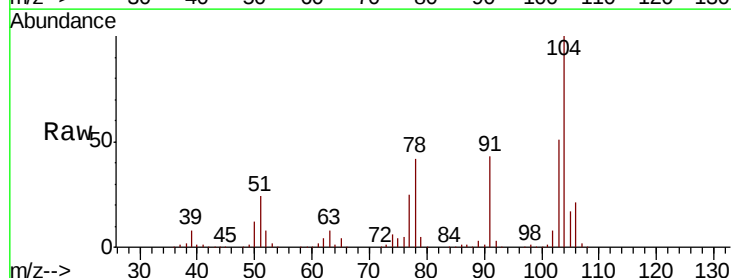


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

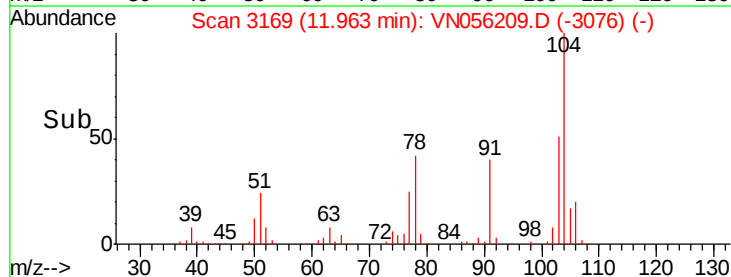
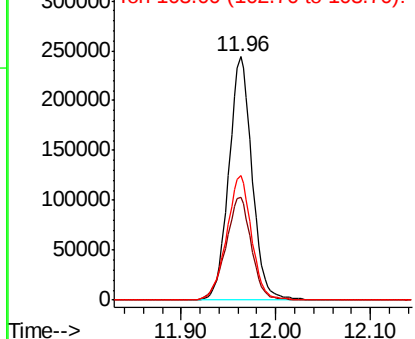


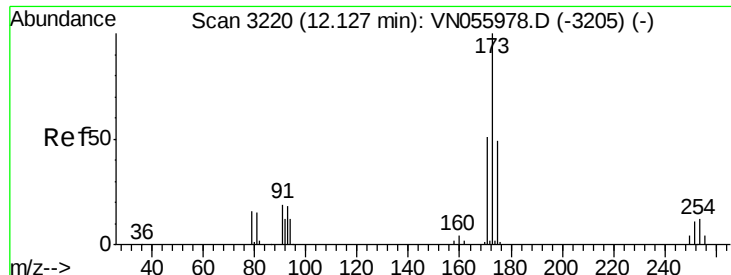
#70
Styrene
Concen: 52.668 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion:104 Resp: 416427
Ion Ratio Lower Upper
104 100
78 46.6 37.8 56.6
103 55.0 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

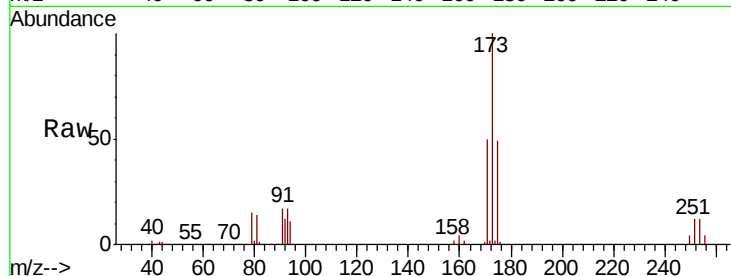




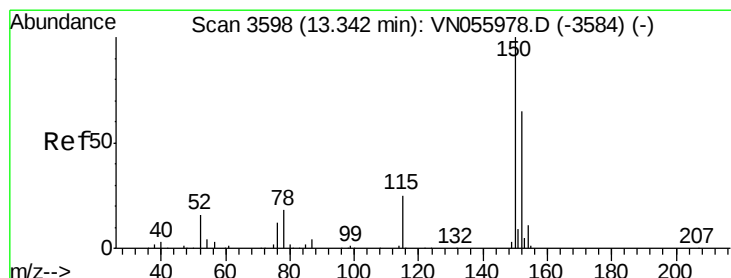
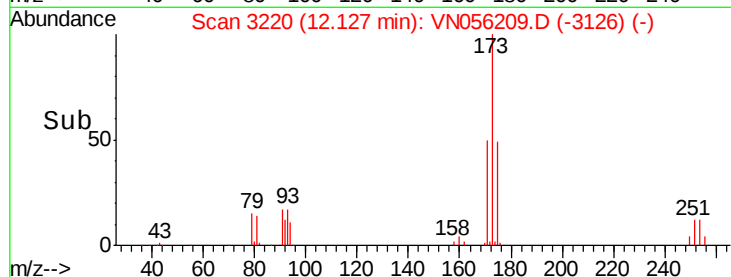
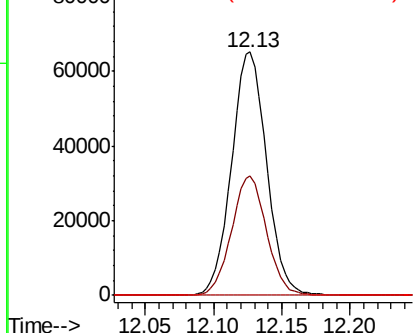
#71
Bromoform
Concen: 52.420 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 116044
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.0 0.0 0.0

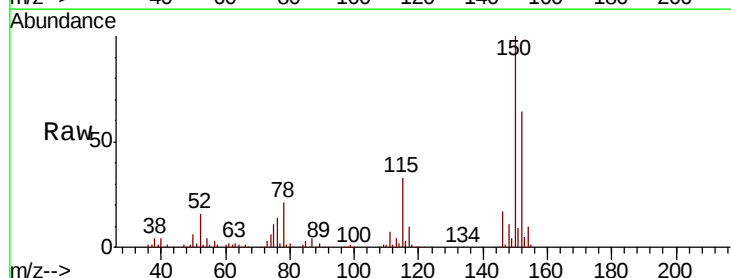


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

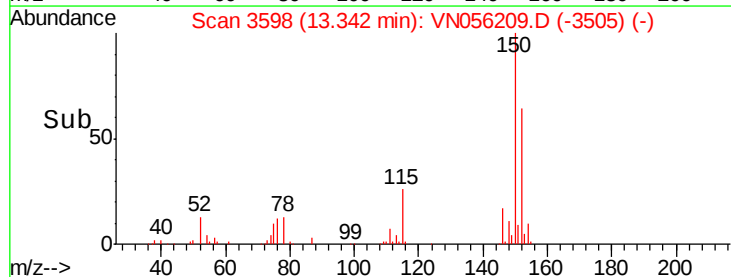
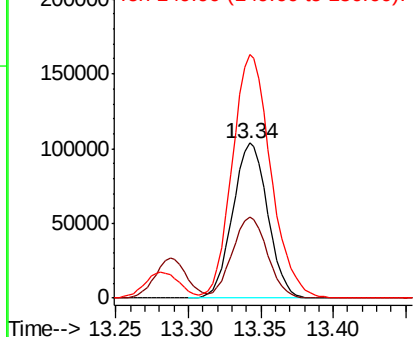


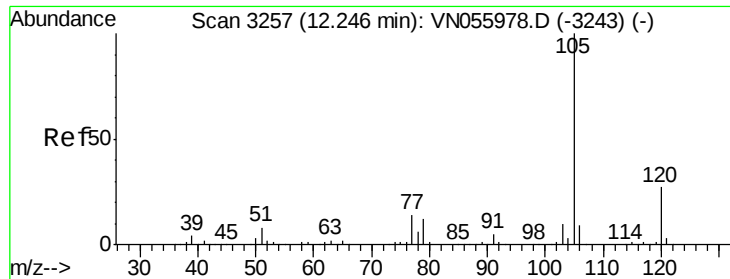
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion:152 Resp: 174123
Ion Ratio Lower Upper
152 100
115 52.4 27.0 81.0
150 172.8 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: 53.088 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

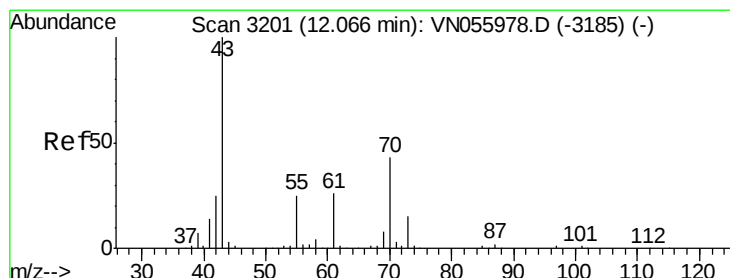
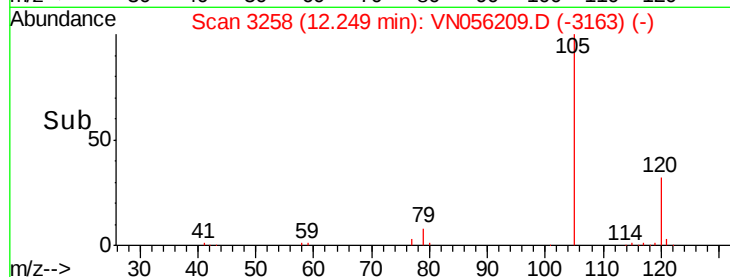
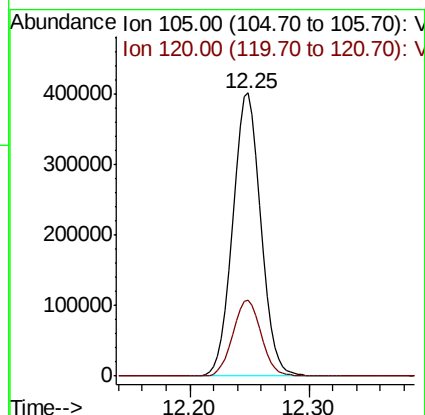
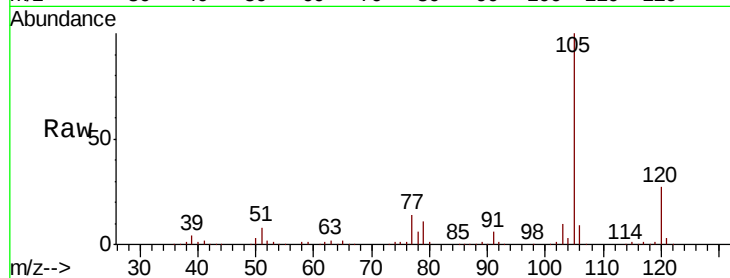
VSTDCCC050

Tot Ion:105 Resp: 657050

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 47.461 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Tgt Ion: 43 Resp: 220290

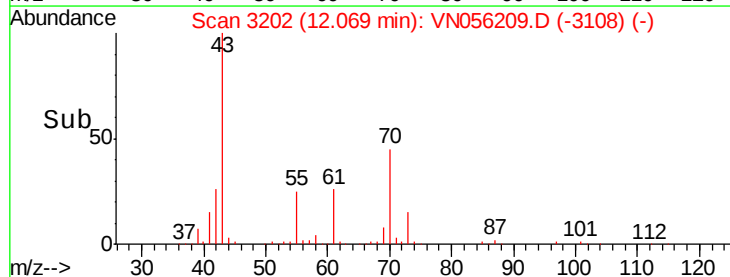
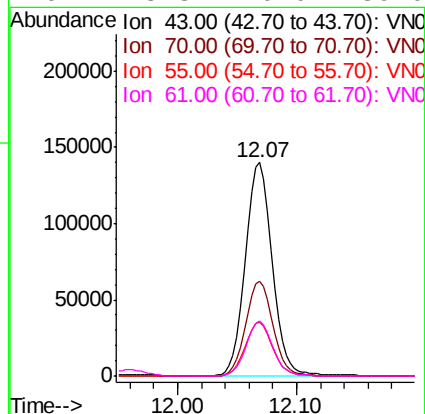
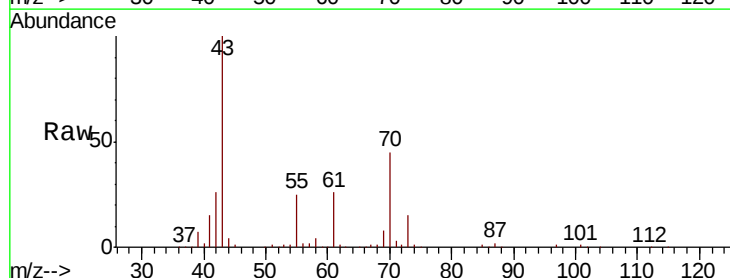
Ion Ratio Lower Upper

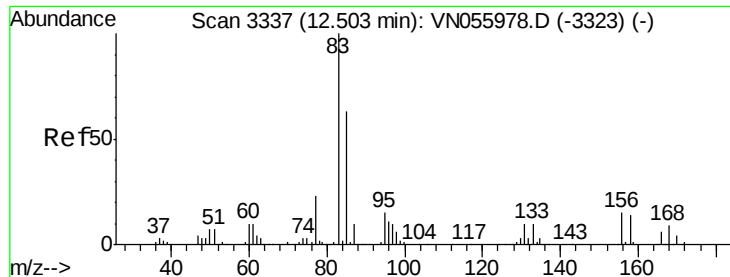
43 100

70 44.8 34.0 51.0

55 25.6 18.6 28.0

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.351 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

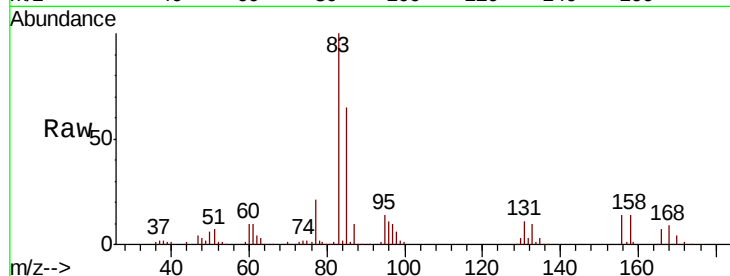
Tot Ion: 83 Resp: 195441

Ion Ratio Lower Upper

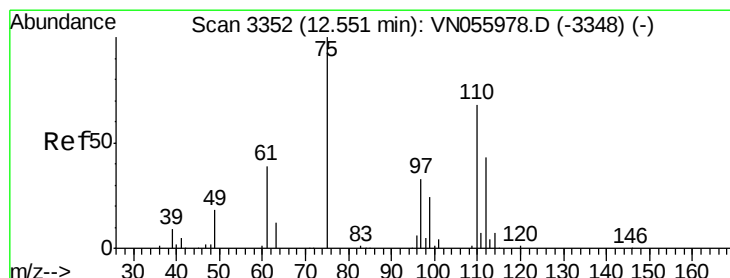
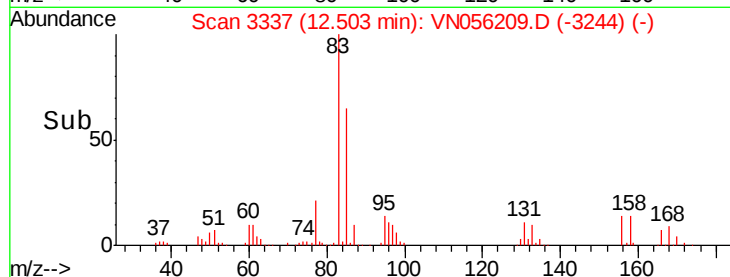
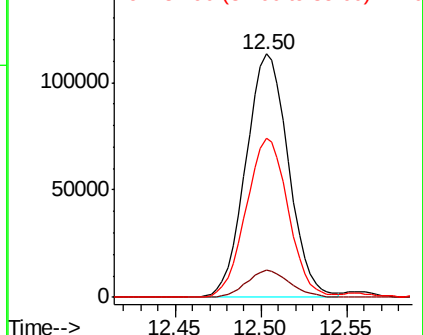
83 100

131 11.1 5.4 16.2

85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 71.229 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056209.D

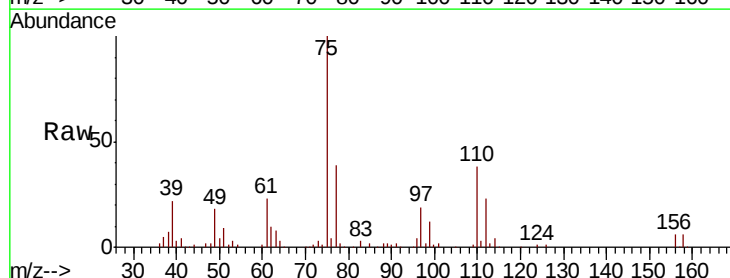
Acq: 11 Jun 2019 9:14

Tgt Ion: 75 Resp: 228212

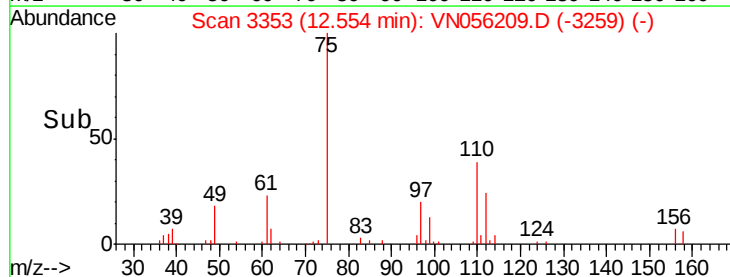
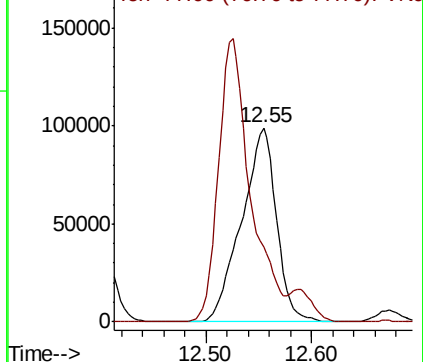
Ion Ratio Lower Upper

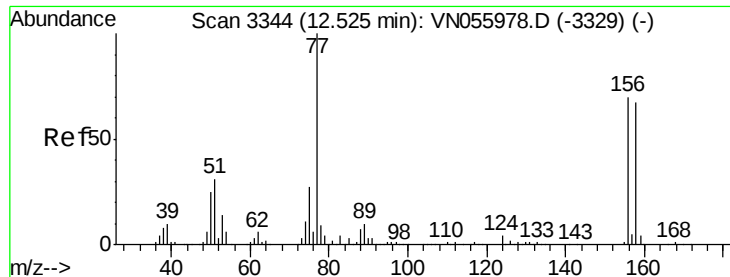
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 48.648 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

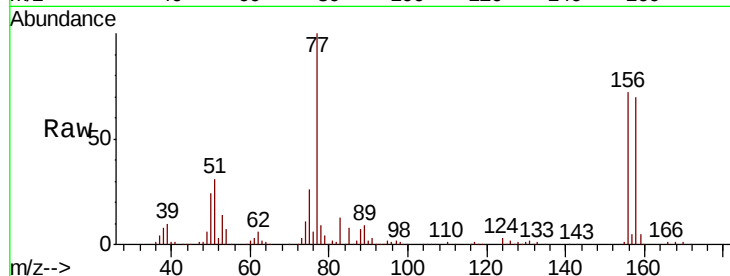
Tot Ion:156 Resp: 181358

Ion Ratio Lower Upper

156 100

77 168.6 90.8 272.5

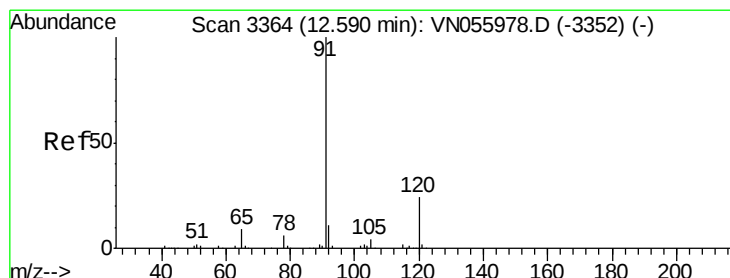
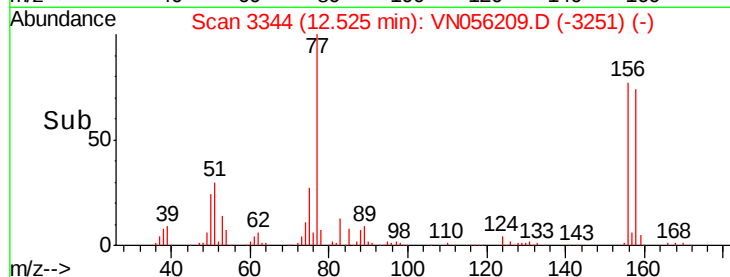
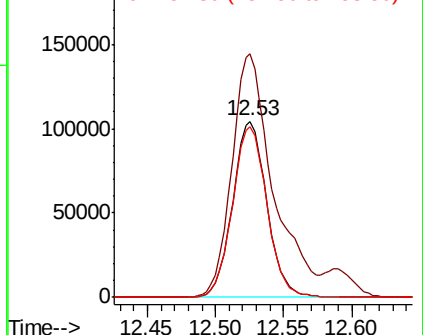
158 97.9 49.3 147.8



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: 48.317 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056209.D

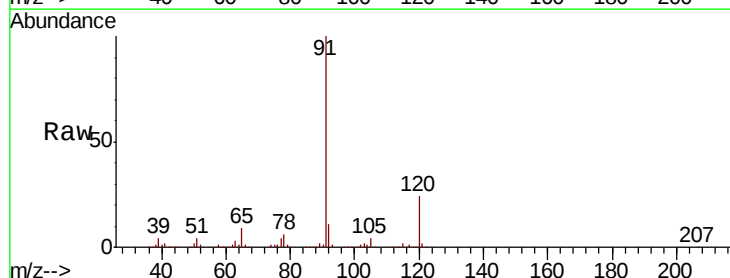
Acq: 11 Jun 2019 9:14

Tgt Ion: 91 Resp: 711741

Ion Ratio Lower Upper

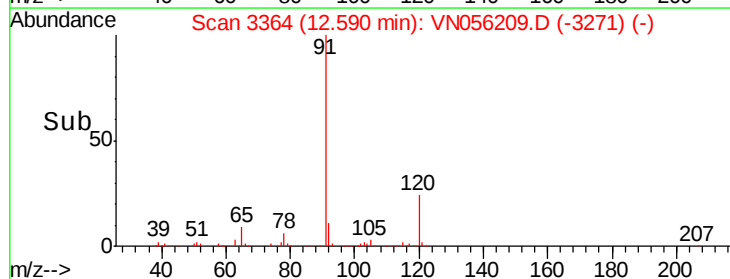
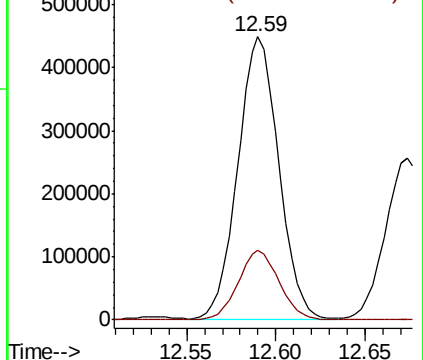
91 100

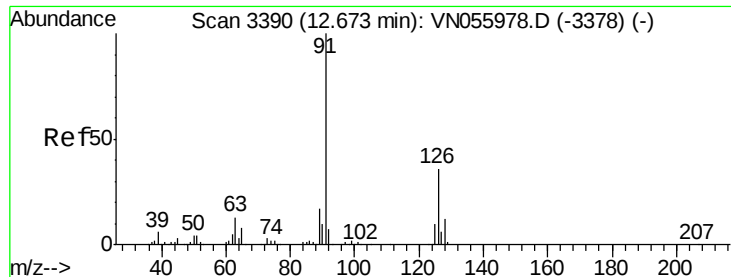
120 24.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.896 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

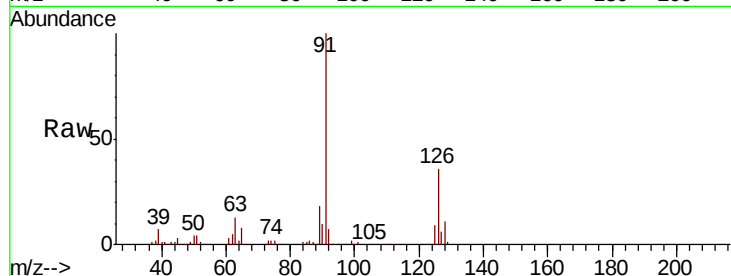
VSTDCCC050

Tot Ion: 91 Resp: 431098

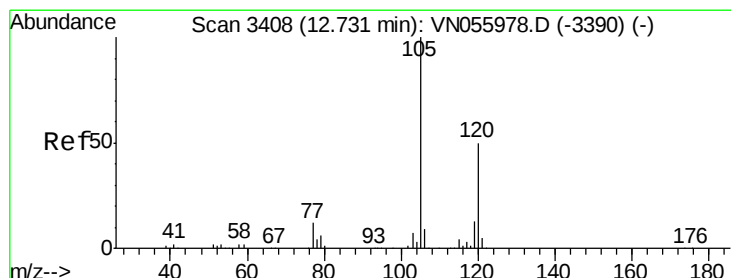
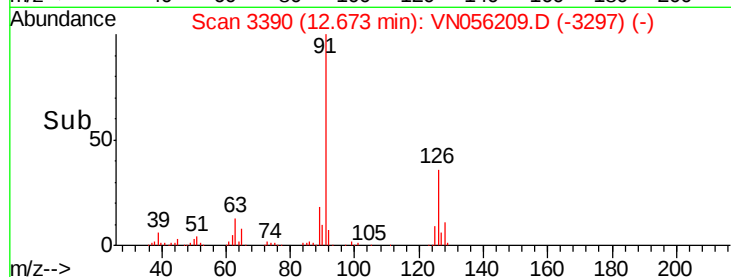
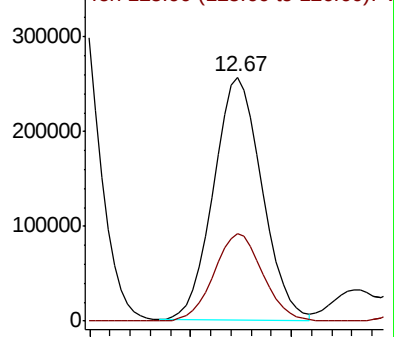
Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.4



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



#80

1,3,5-Trimethylbenzene

Concen: 46.592 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056209.D

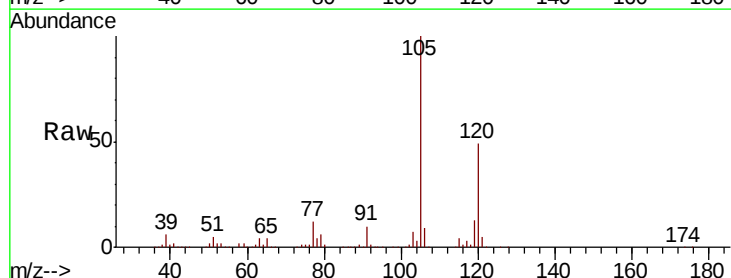
Acq: 11 Jun 2019 9:14

Tgt Ion: 105 Resp: 545463

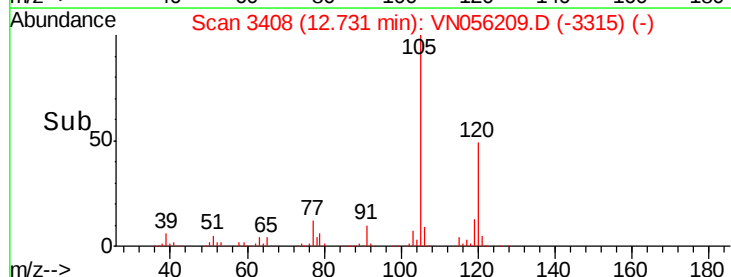
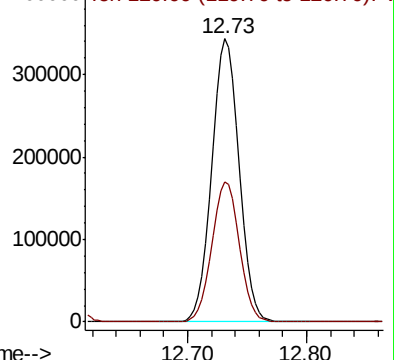
Ion Ratio Lower Upper

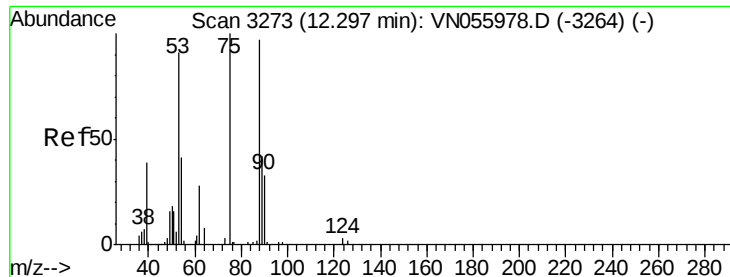
105 100

120 49.8 24.7 74.1



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





#81

trans-1,4-Dichloro-2-butene

Concen: 50.454 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

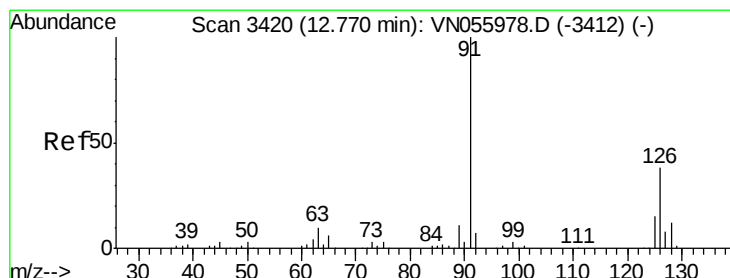
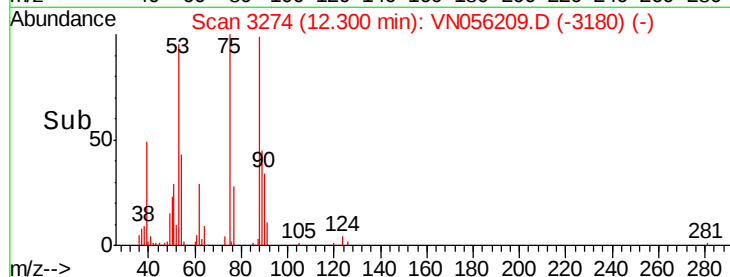
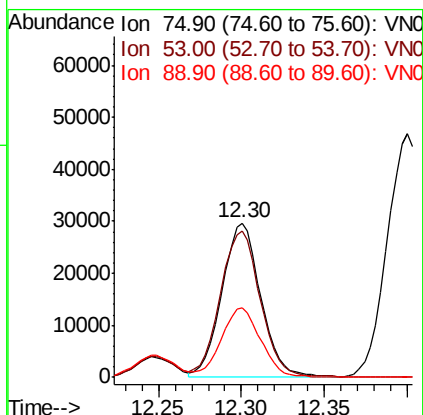
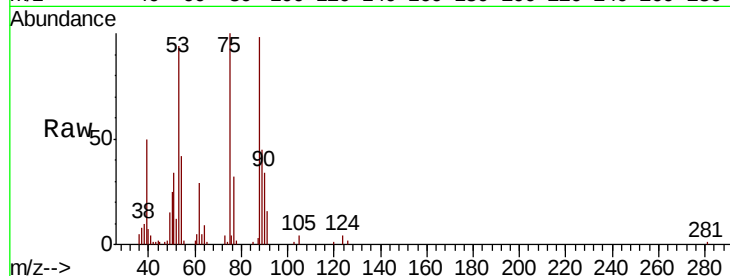
Tot Ion: 75 Resp: 48541

Ion Ratio Lower Upper

75 100

53 98.0 68.1 102.1

89 45.5 36.9 55.3



#82

4-Chlorotoluene

Concen: 48.375 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056209.D

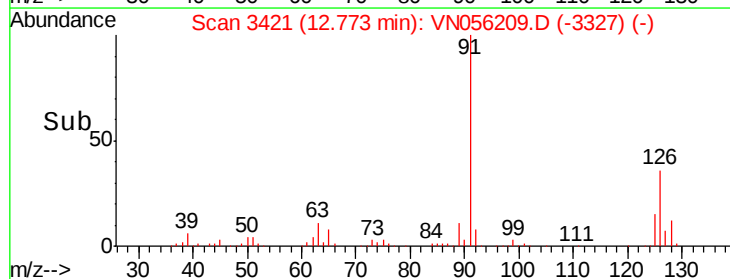
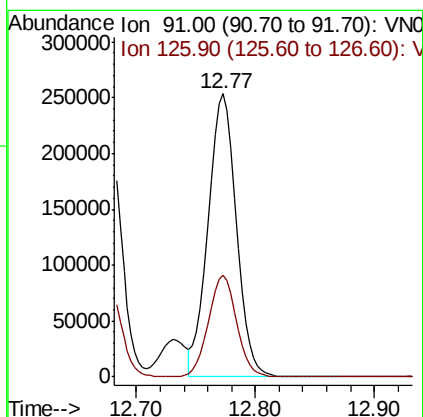
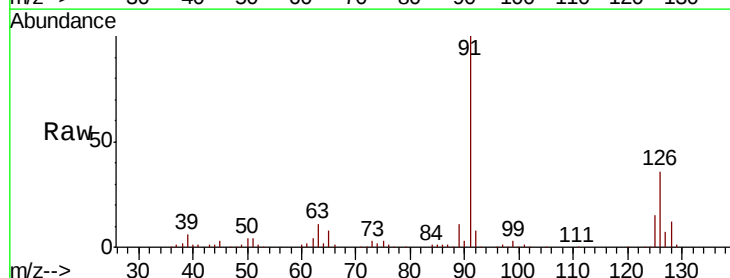
Acq: 11 Jun 2019 9:14

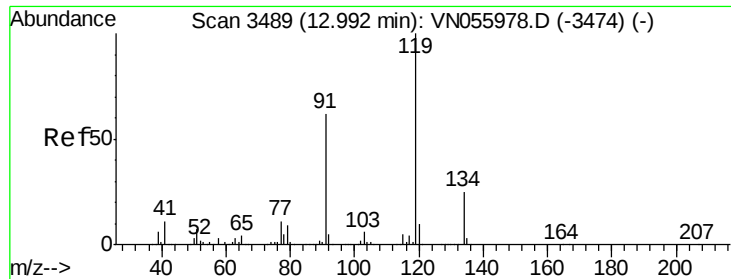
Tgt Ion: 91 Resp: 416902

Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.3

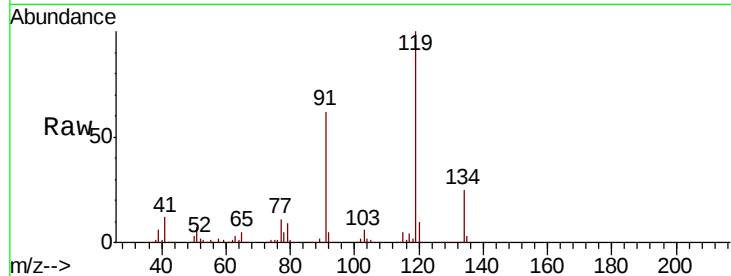




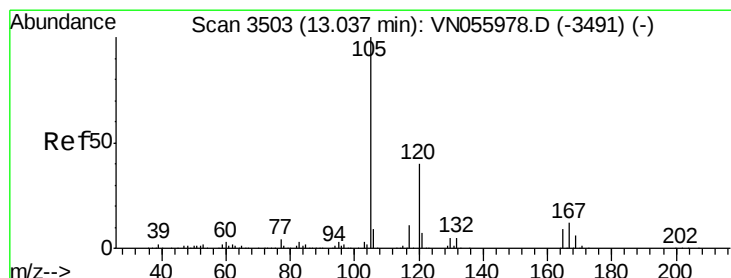
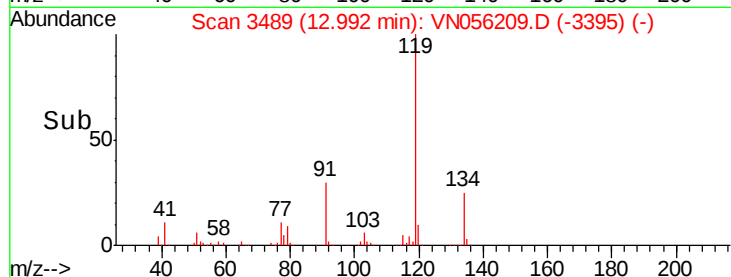
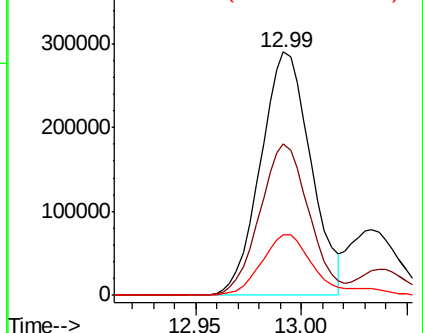
#83
 tert-Butylbenzene
 Concen: 53.068 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.9	92.8
134	26.7	13.3	39.8

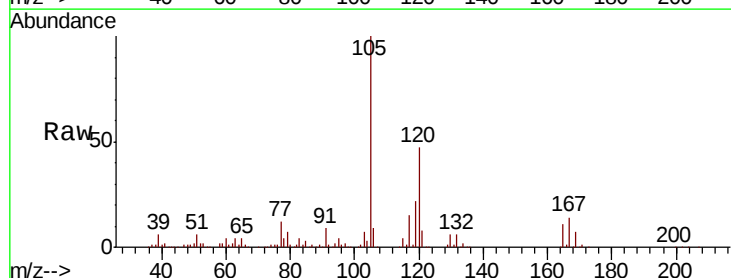


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

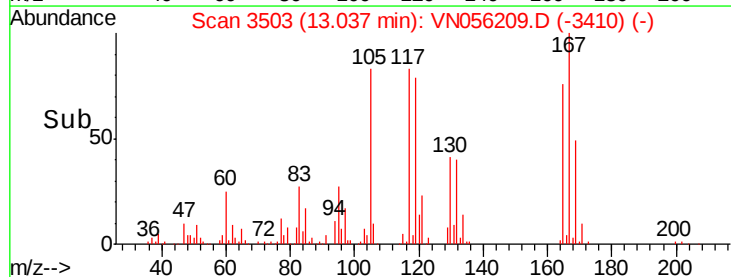
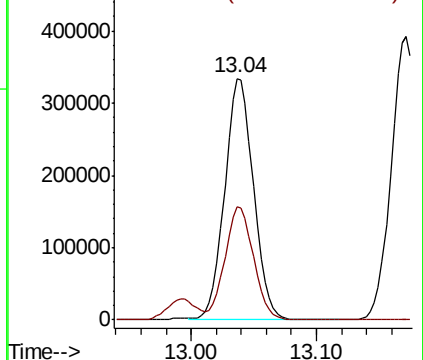


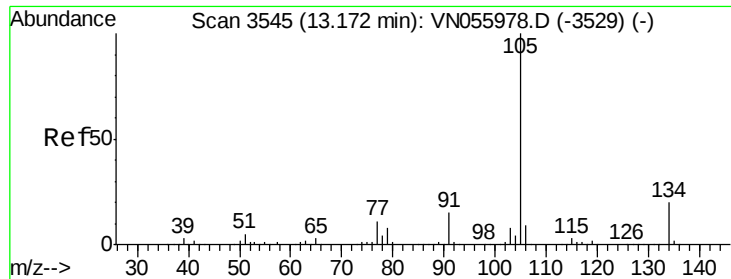
#84
 1,2,4-Trimethylbenzene
 Concen: 48.144 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt 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

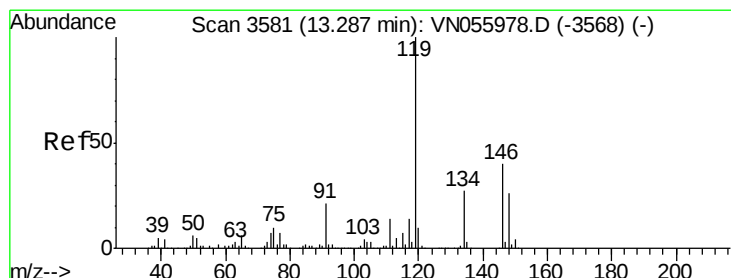
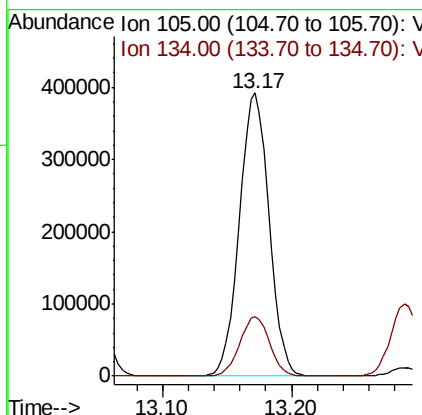
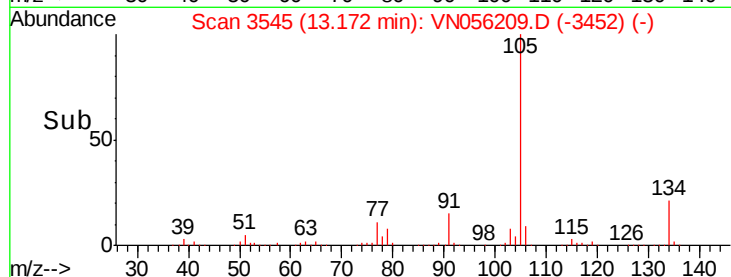
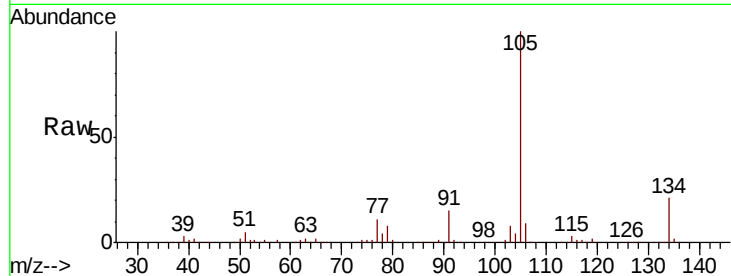




#85
 sec-Butylbenzene
 Concen: 48.020 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

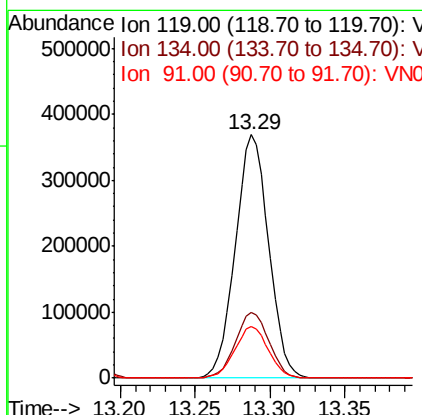
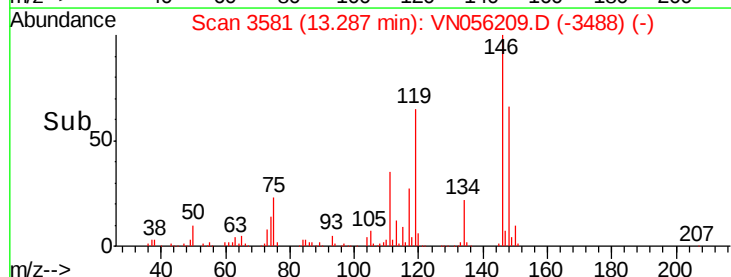
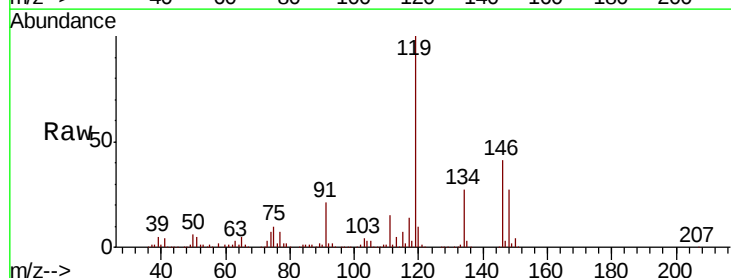
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

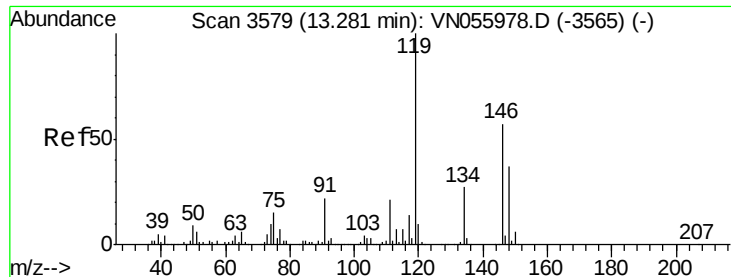
Tot Ion:105 Resp: 626445
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 48.839 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion:119 Resp: 570199
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.1
 91 21.3 10.9 32.9

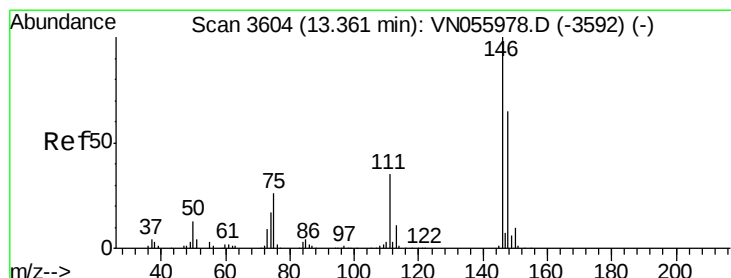
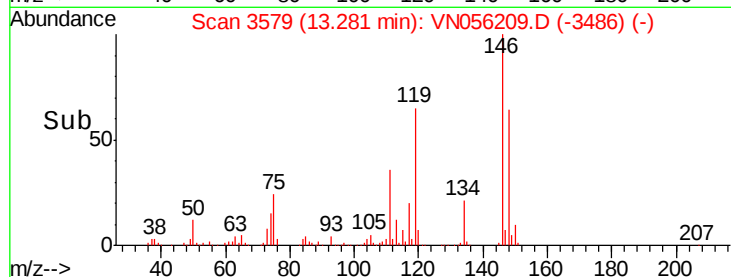
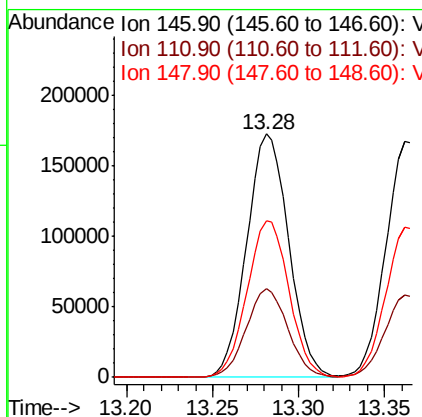
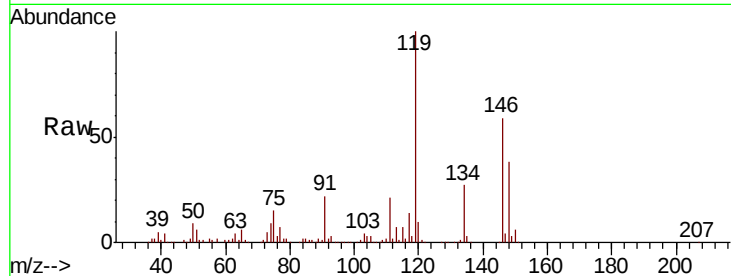




#87
 1,3-Dichlorobenzene
 Concen: 50.591 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

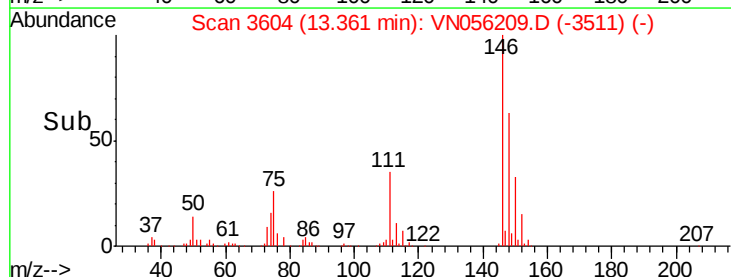
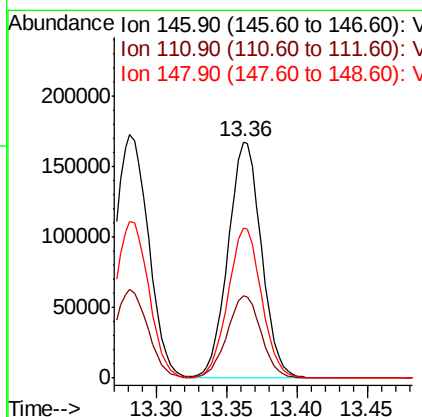
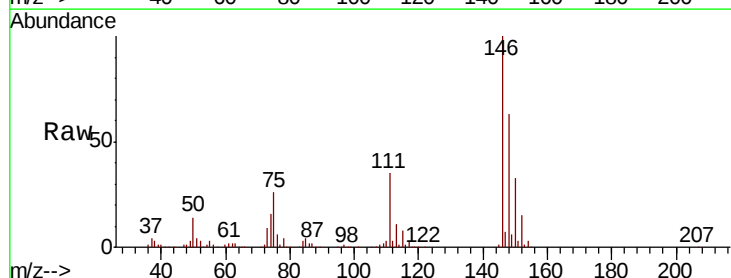
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

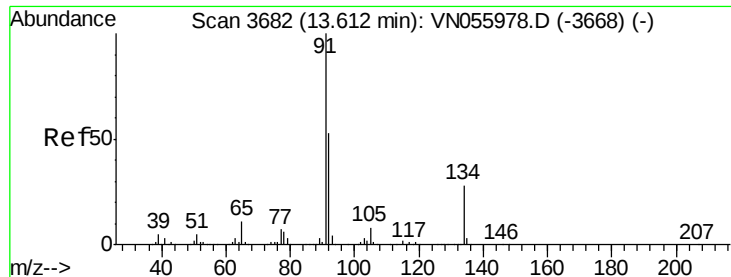
Tot Ion:146 Resp: 291900
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.5 55.5
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.976 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion:146 Resp: 277379
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.1 54.4
 148 64.0 32.1 96.5

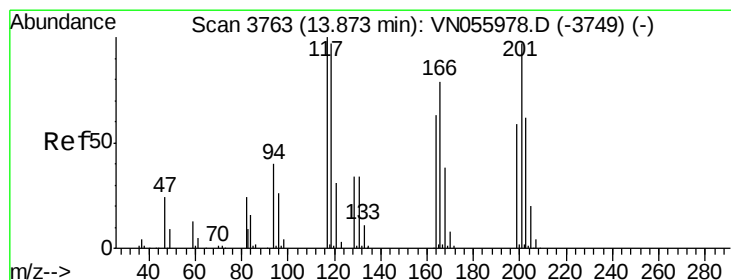
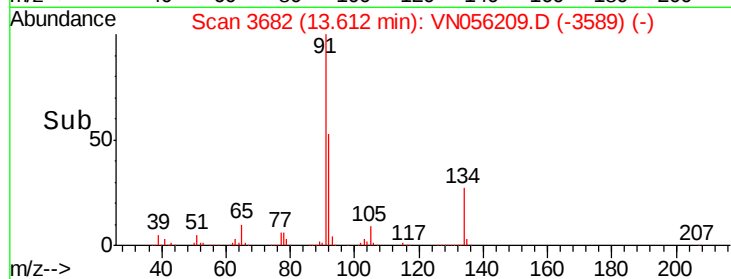
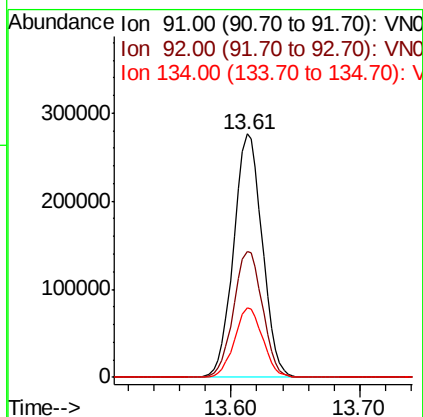
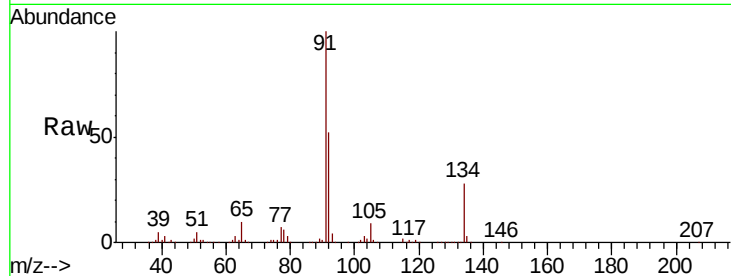




#89
n-Butylbenzene
Concen: 49.303 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

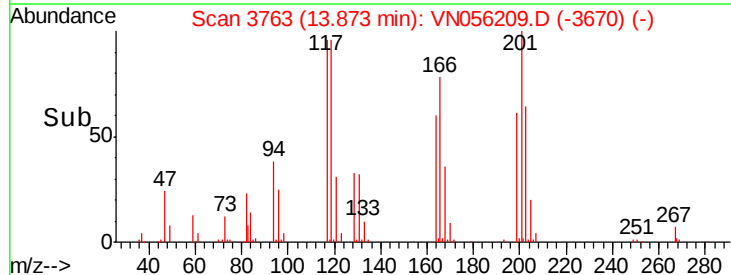
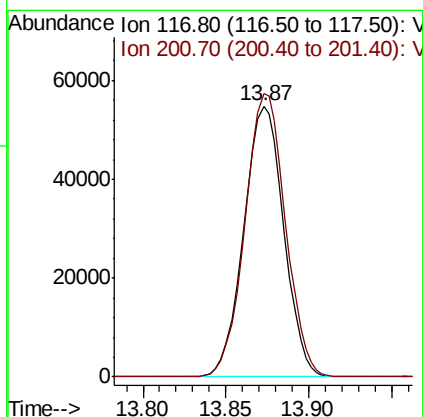
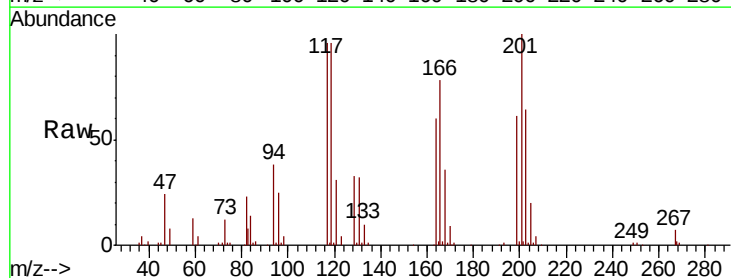
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

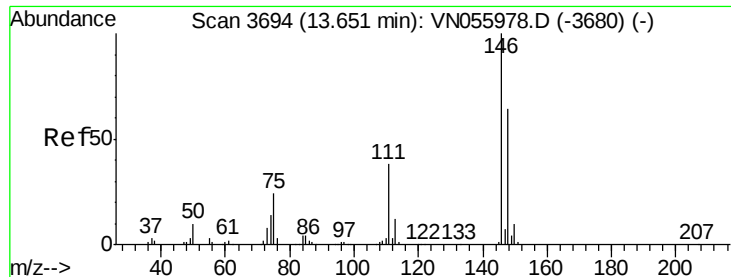
Tot Ion: 91 Resp: 426407
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 28.1 13.9 41.7



#90
Hexachloroethane
Concen: 52.024 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056209.D
Acq: 11 Jun 2019 9:14

Tgt Ion: 117 Resp: 91600
Ion Ratio Lower Upper
117 100
201 105.8 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 48.726 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

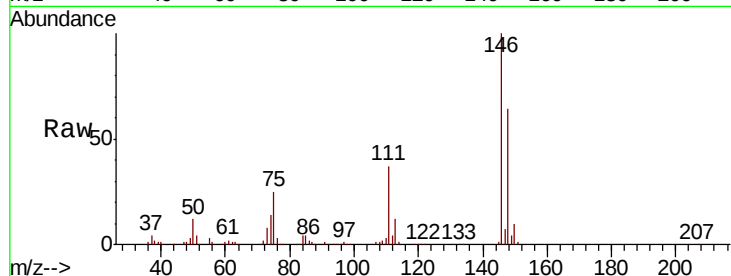
Tot Ion:146 Resp: 283840

Ion Ratio Lower Upper

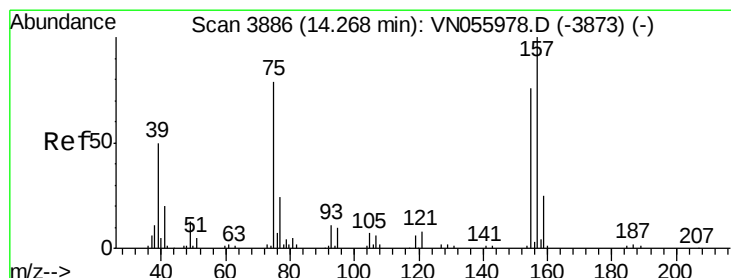
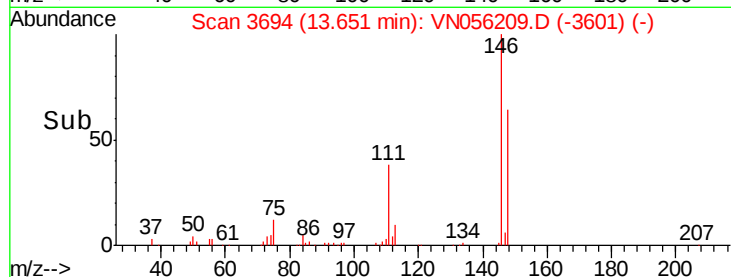
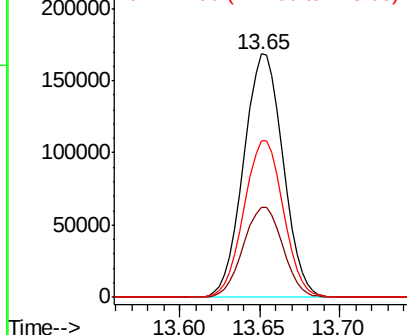
146 100

111 37.2 19.1 57.5

148 64.5 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: 52.891 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

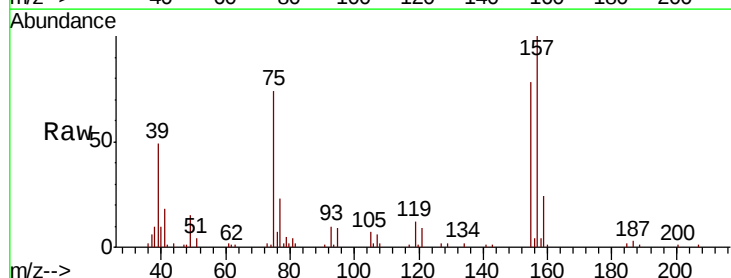
Tgt Ion: 75 Resp: 30579

Ion Ratio Lower Upper

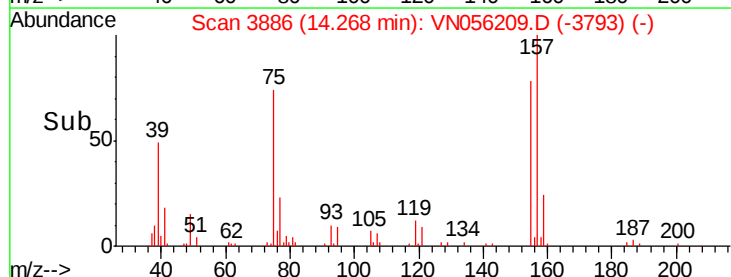
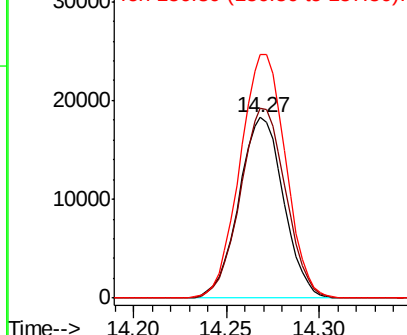
75 100

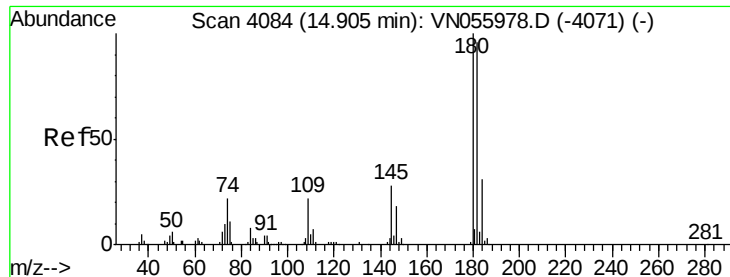
155 106.6 50.0 150.1

157 137.8 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

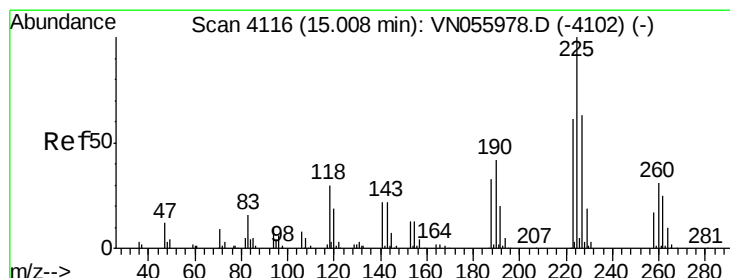
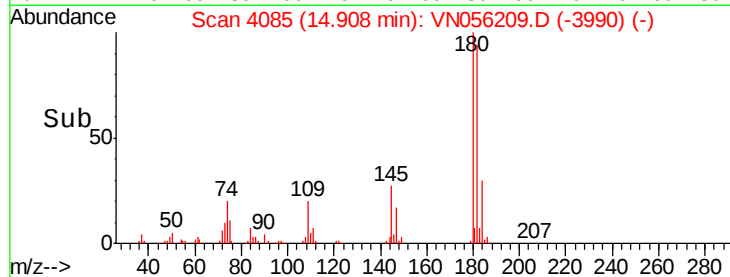
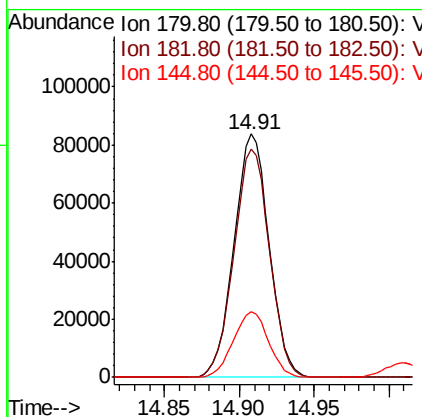
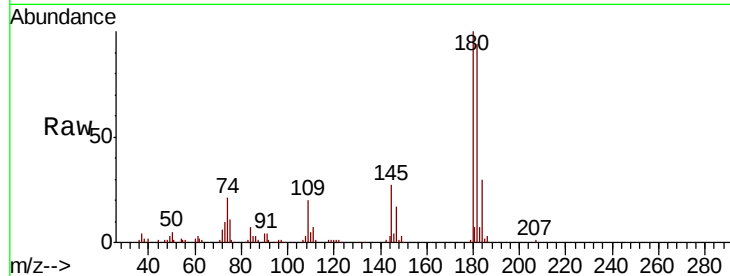




#93
 1,2,4-Trichlorobenzene
 Concen: 43.251 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

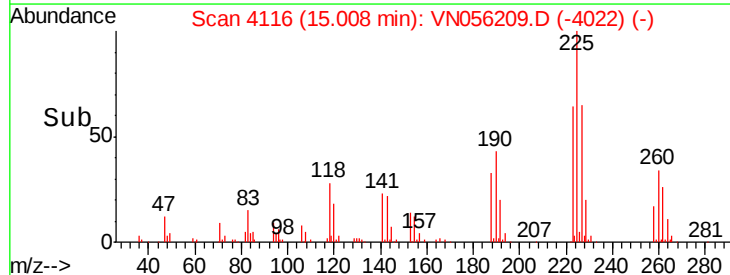
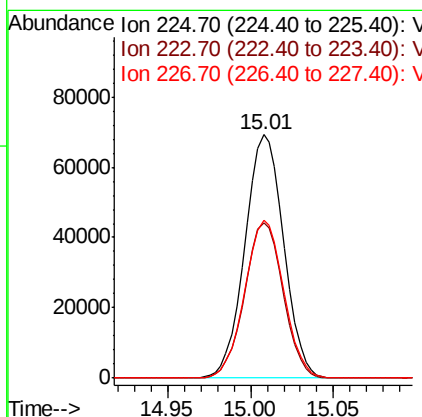
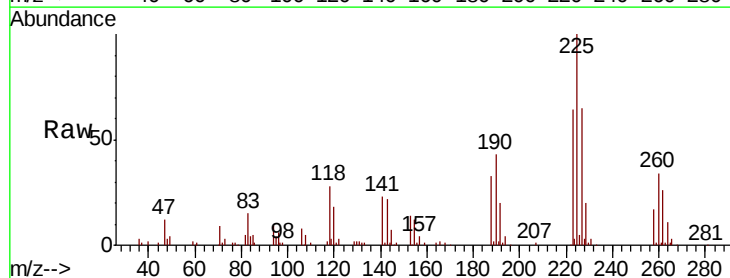
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

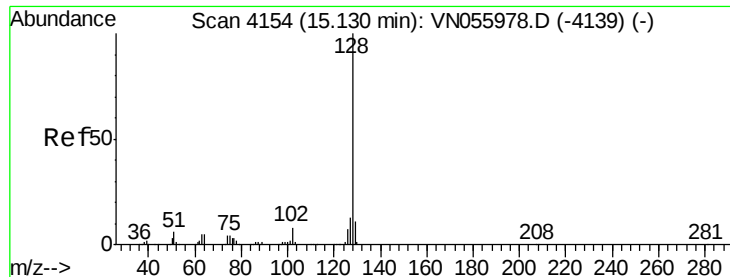
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.3	144.9
145	26.9	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 56.749 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056209.D
 Acq: 11 Jun 2019 9:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.9	92.7
227	65.1	31.6	94.7





#95

Naphthalene

Concen: 41.316 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

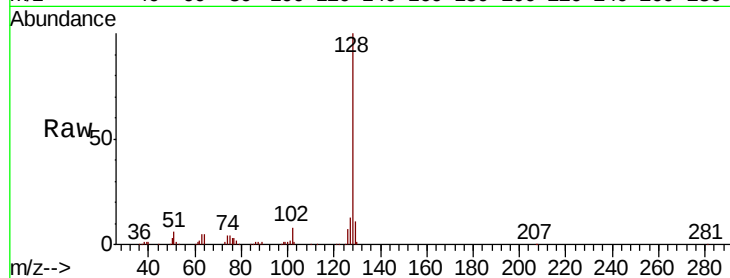
Tot Ion:128 Resp: 338056

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.7 13.1

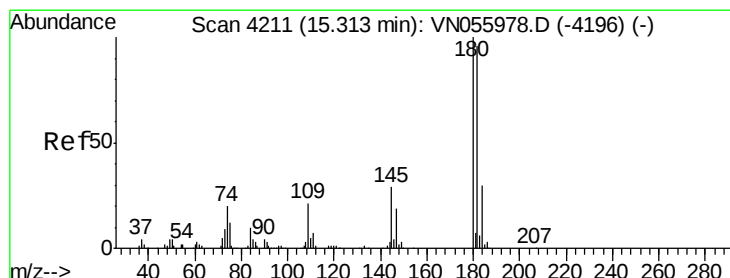
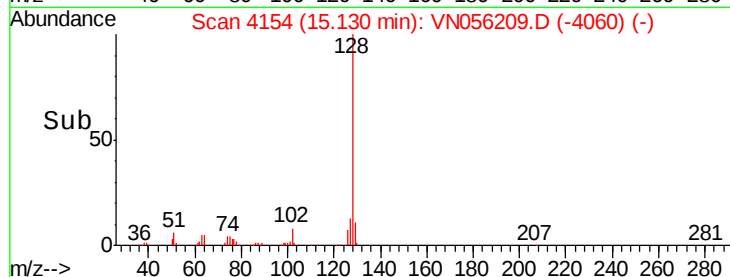
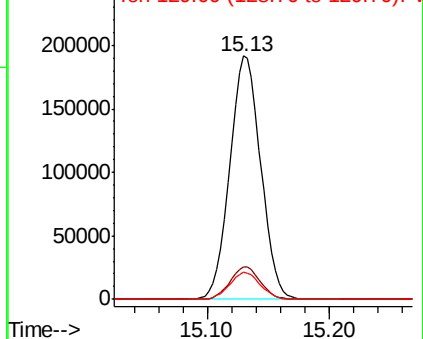


Abundance

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: 46.331 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056209.D

Acq: 11 Jun 2019 9:14

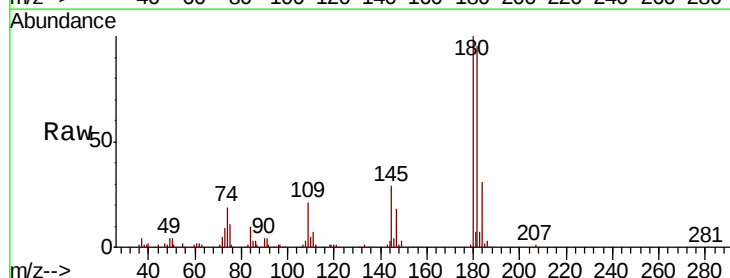
Tgt Ion:180 Resp: 150795

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 28.7 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

