

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060605.D
 Acq On : 18 Mar 2020 20:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 05:03:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	348191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	317207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	137074	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	7.57	113	102319	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.08	98	411639	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.40	95	150612	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	101368	51.432	ug/l	99
3) Chloromethane	2.04	50	174483	47.401	ug/l	100
4) Vinyl Chloride	2.16	62	143252	49.755	ug/l	100
5) Bromomethane	2.54	94	61555	49.526	ug/l	98
6) Chloroethane	2.68	64	85390	51.486	ug/l	99
7) Trichlorofluoromethane	3.00	101	179218	50.531	ug/l	100
8) Diethyl Ether	3.38	74	72617	50.968	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	103210	50.221	ug/l	99
10) Methyl Iodide	3.93	142	99962	54.663	ug/l	99
11) Tert butyl alcohol	4.73	59	97170	236.286	ug/l	100
12) 1,1-Dichloroethene	3.72	96	109692	49.739	ug/l	98
13) Acrolein	3.57	56	102609	225.131	ug/l	99
14) Allyl chloride	4.29	41	189761	48.923	ug/l	100
15) Acrylonitrile	4.94	53	315425	260.836	ug/l	99
16) Acetone	3.78	43	247165	249.539	ug/l	99
17) Carbon Disulfide	4.03	76	333445	49.715	ug/l	100
18) Methyl Acetate	4.29	43	141810	50.865	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	378609	49.933	ug/l	96
20) Methylene Chloride	4.52	84	121578	49.898	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	115597	49.181	ug/l	94
22) Diisopropyl ether	5.92	45	422909	51.608	ug/l	97
23) Vinyl Acetate	5.86	43	1756427	262.698	ug/l	100
24) 1,1-Dichloroethane	5.81	63	227393	50.902	ug/l	98
25) 2-Butanone	6.80	43	413213	257.811	ug/l	99
26) 2,2-Dichloropropane	6.80	77	175865	50.035	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	134999	50.543	ug/l	100
28) Bromochloromethane	7.17	49	105941	49.567	ug/l	100
29) Tetrahydrofuran	7.18	42	287664	253.666	ug/l	100
30) Chloroform	7.35	83	216871	50.640	ug/l	100
31) Cyclohexane	7.63	56	216024	47.966	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	189027	51.200	ug/l	99
36) 1,1-Dichloropropene	7.77	75	169631	50.312	ug/l	100
37) Ethyl Acetate	6.89	43	182669	50.142	ug/l	99
38) Carbon Tetrachloride	7.75	117	152639	50.513	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	198405	49.518	ug/l	99
40) Benzene	8.02	78	505487	49.665	ug/l	100
41) Methacrylonitrile	7.18	41	256335	164.872	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	174683	50.220	ug/l	99
43) Isopropyl Acetate	8.14	43	302880	50.412	ug/l	100
44) Trichloroethene	8.82	130	129162	50.341	ug/l	100
45) 1,2-Dichloropropane	9.10	63	136921	50.983	ug/l	97
46) Dibromomethane	9.19	93	81949	50.473	ug/l	99
47) Bromodichloromethane	9.39	83	171071	50.704	ug/l	99
48) Methyl methacrylate	9.18	41	133431	49.881	ug/l	98
49) 1,4-Dioxane	9.18	88	28804	905.922	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	888485	259.877	ug/l	100
52) Toluene	10.14	92	308495	50.188	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	199410	51.454	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	214881	50.541	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	117478	49.679	ug/l	98
56) Ethyl methacrylate	10.42	69	193646	52.518	ug/l	100
57) 1,3-Dichloropropane	10.70	76	208226	50.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	480115	261.989	ug/l	99
59) 2-Hexanone	10.74	43	641698	260.557	ug/l	99
60) Dibromochloromethane	10.89	129	124338	50.902	ug/l	99
61) 1,2-Dibromoethane	11.00	107	122099	51.348	ug/l	100
64) Tetrachloroethene	10.62	164	126130	50.530	ug/l	98
65) Chlorobenzene	11.43	112	315763	50.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	115467	50.715	ug/l	98
67) Ethyl Benzene	11.50	91	591516	50.582	ug/l	99
68) m/p-Xylenes	11.62	106	437258	100.621	ug/l	98
69) o-Xylene	11.94	106	209884	50.594	ug/l	100
70) Styrene	11.96	104	352857	52.008	ug/l	99
71) Bromoform	12.12	173	90089	47.688	ug/l #	99
73) Isopropylbenzene	12.24	105	565240	50.959	ug/l	99
74) N-amyl acetate	12.06	43	263252	51.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	168382	50.198	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	232539	72.912	ug/l #	100
77) Bromobenzene	12.52	156	134334	50.259	ug/l	99
78) n-propylbenzene	12.59	91	664249	50.688	ug/l	99
79) 2-Chlorotoluene	12.67	91	388482	49.614	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	470161	49.948	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	62521	50.347	ug/l	99
82) 4-Chlorotoluene	12.77	91	400568	50.229	ug/l	99
83) tert-Butylbenzene	12.99	119	391693	50.197	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	471622	50.644	ug/l	99
85) sec-Butylbenzene	13.17	105	525198	50.052	ug/l	100
86) p-Isopropyltoluene	13.28	119	472917	50.121	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	237696	50.422	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	236563	49.948	ug/l	99
89) n-Butylbenzene	13.61	91	424746	49.859	ug/l	99
90) Hexachloroethane	13.87	117	70327	51.276	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	226742	50.302	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34013	48.403	ug/l	98

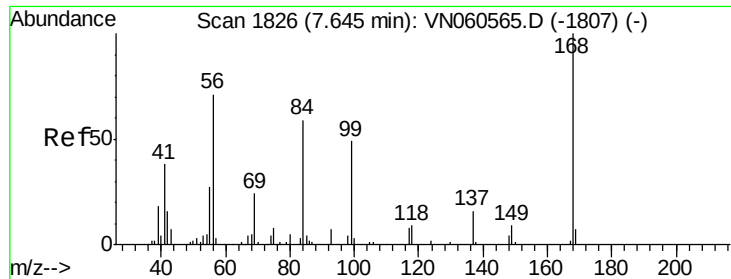
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	138154	49.910	ug/l	100
94) Hexachlorobutadiene	15.01	225	63704	46.946	ug/l	99
95) Naphthalene	15.13	128	423757	50.897	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	133451	48.946	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

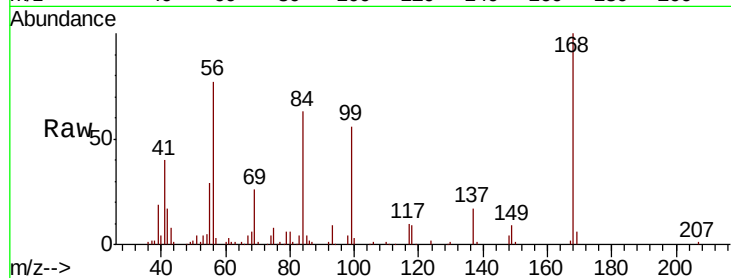
VSTDCCC050

Tot Ion:168 Resp: 203693

Ion Ratio Lower Upper

168 100

99 55.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

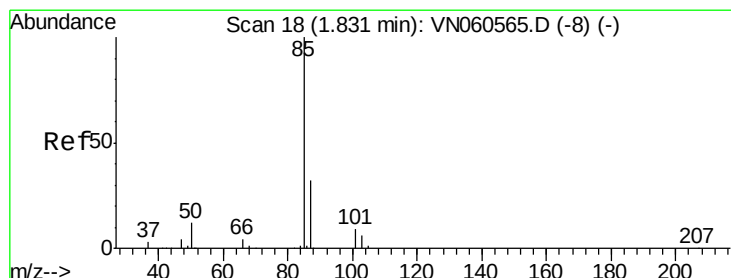
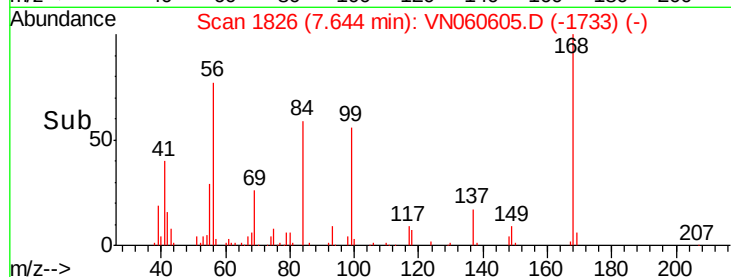
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.432 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060605.D

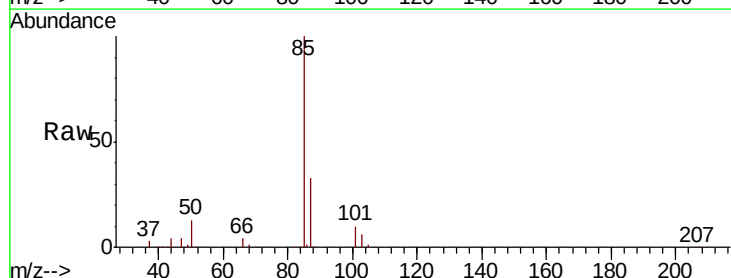
Acq: 18 Mar 2020 20:35

Tgt Ion: 85 Resp: 101368

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

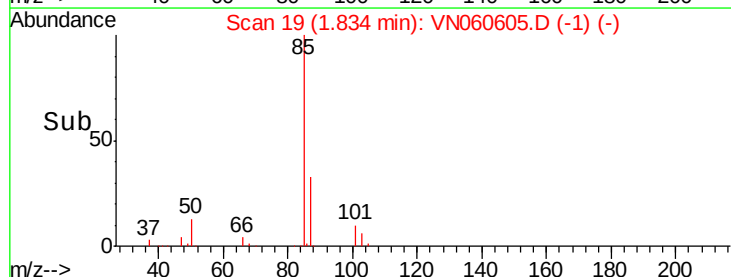
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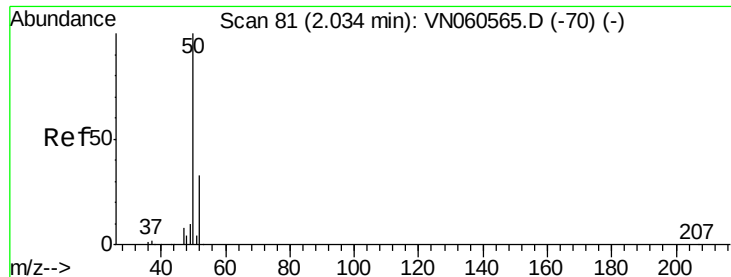
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 47.401 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

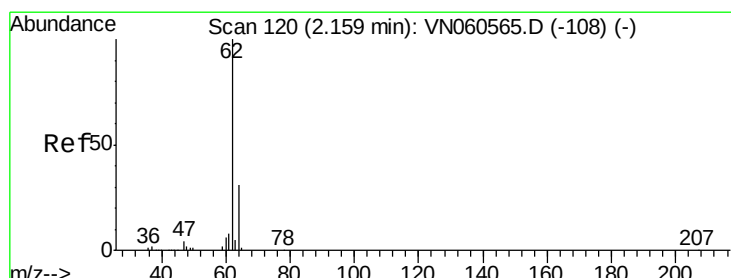
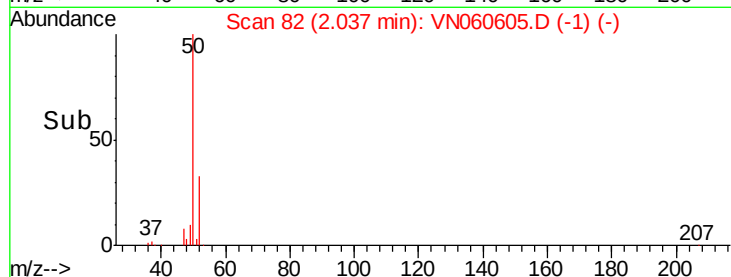
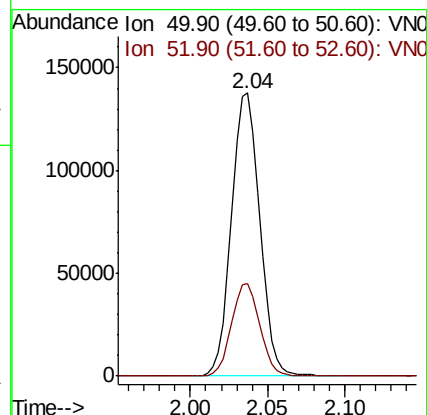
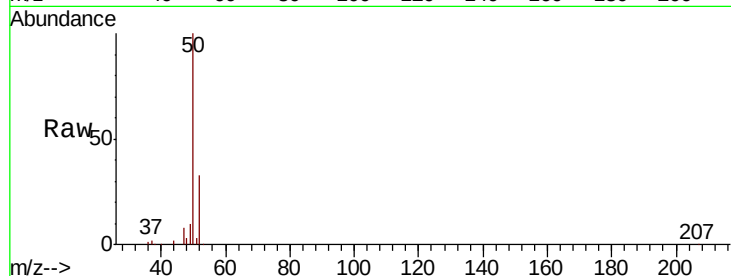
VSTDCCC050

Tot Ion: 50 Resp: 174483

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 49.755 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060605.D

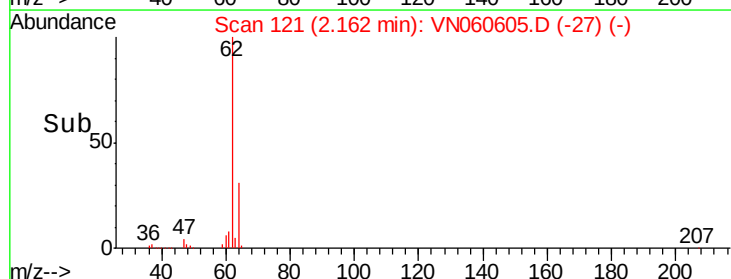
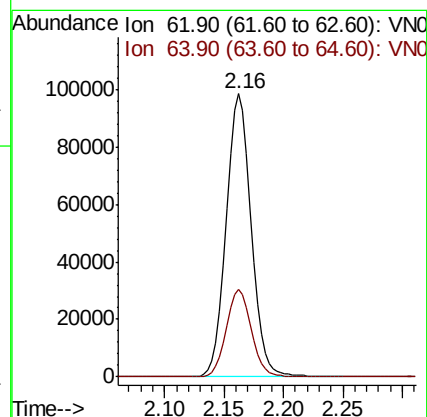
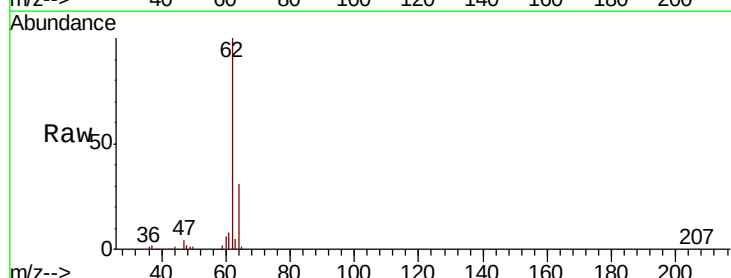
Acq: 18 Mar 2020 20:35

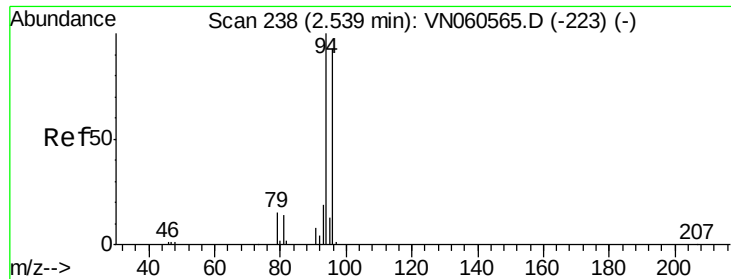
Tgt Ion: 62 Resp: 143252

Ion Ratio Lower Upper

62 100

64 30.8 24.7 37.1





#5

Bromomethane

Concen: 49.526 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

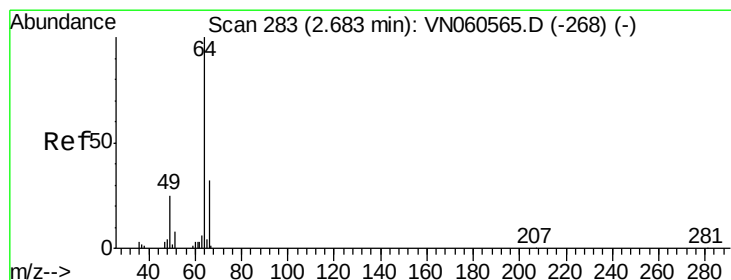
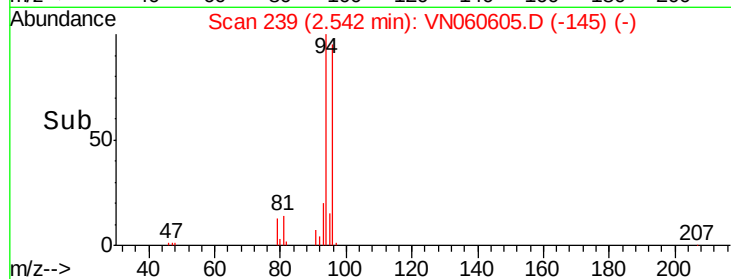
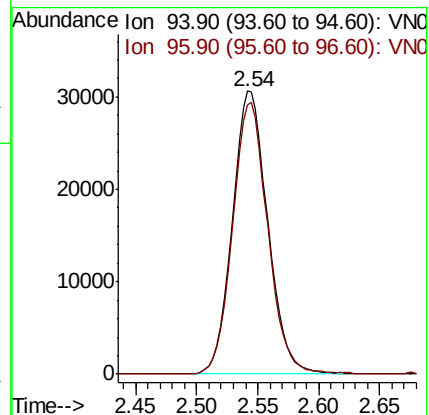
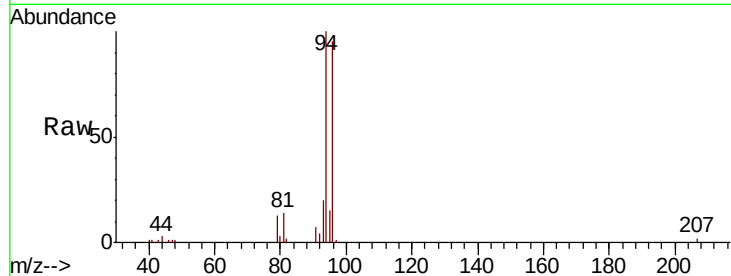
VSTDCCC050

Tot Ion: 94 Resp: 61555

Ion Ratio Lower Upper

94 100

96 95.4 74.6 112.0



#6

Chloroethane

Concen: 51.486 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060605.D

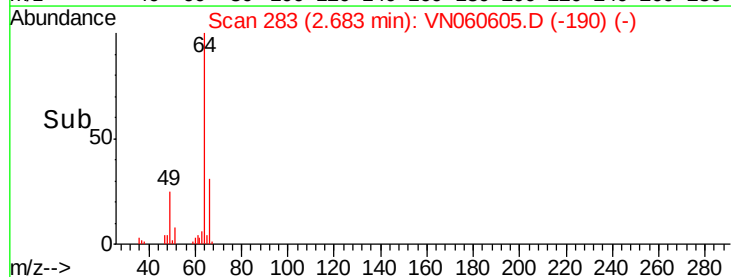
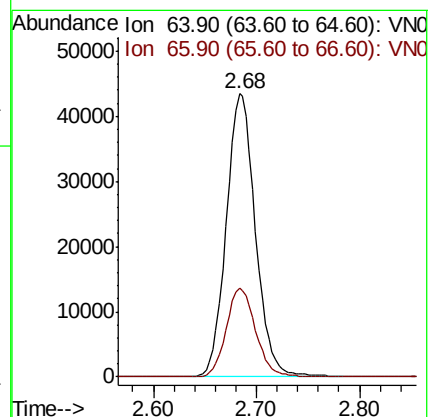
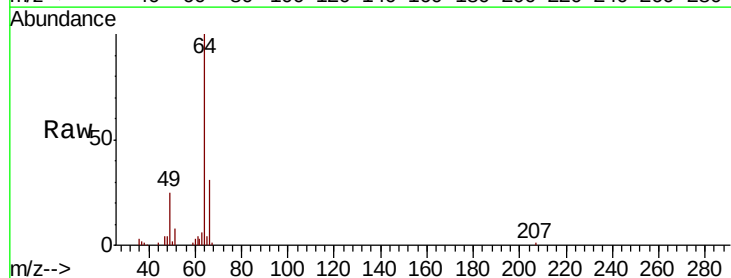
Acq: 18 Mar 2020 20:35

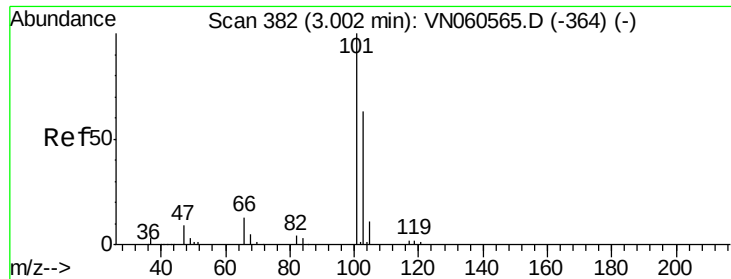
Tgt Ion: 64 Resp: 85390

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



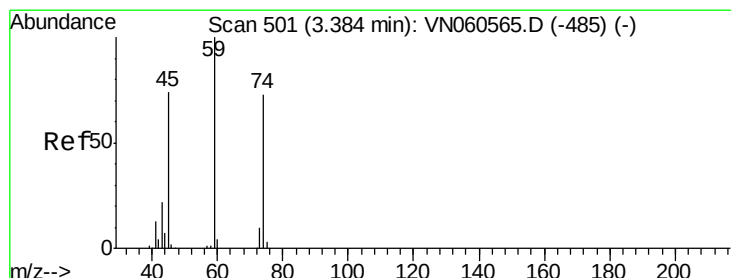
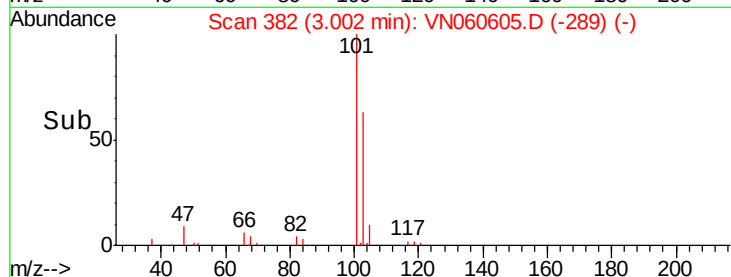
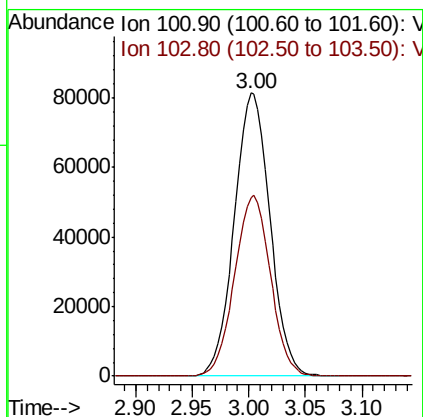
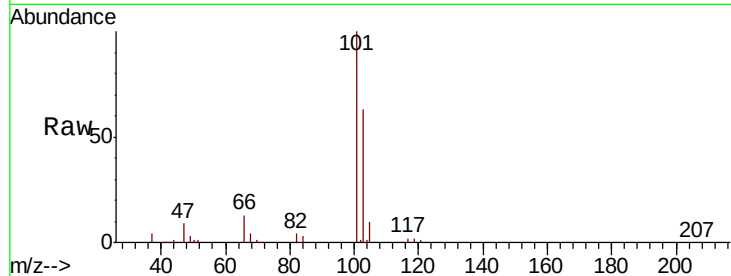


#7

Trichlorofluoromethane
 Concen: 50.531 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Instrument :
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 VSTDCCC050

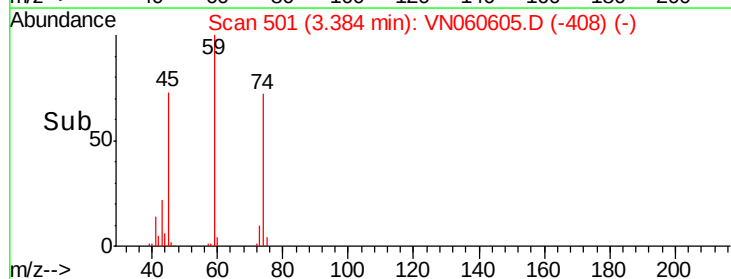
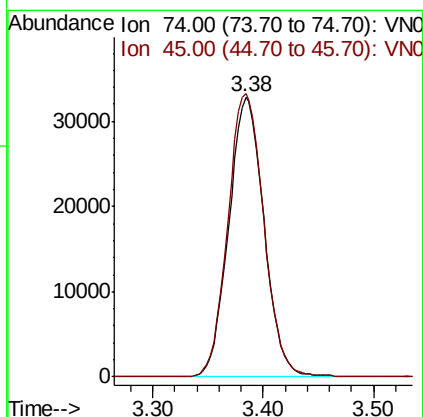
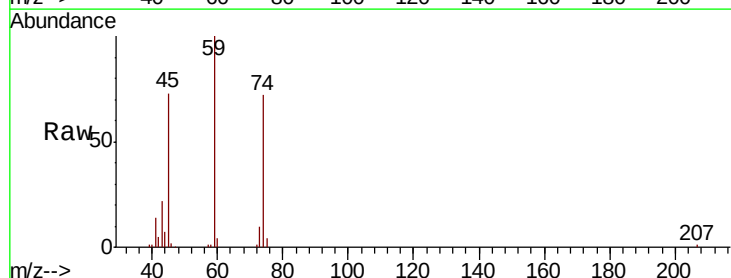
Tot Ion:101 Resp: 179218
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.6 76.0

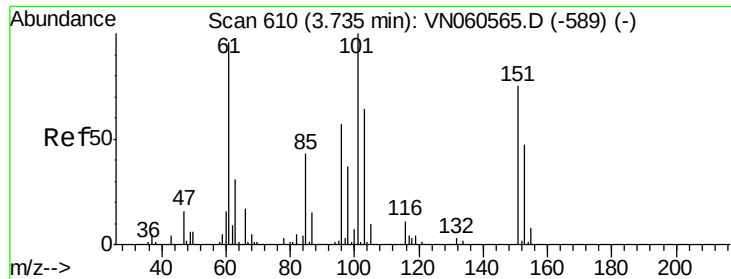


#8

Diethyl Ether
 Concen: 50.968 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion: 74 Resp: 72617
 Ion Ratio Lower Upper
 74 100
 45 103.4 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.221 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

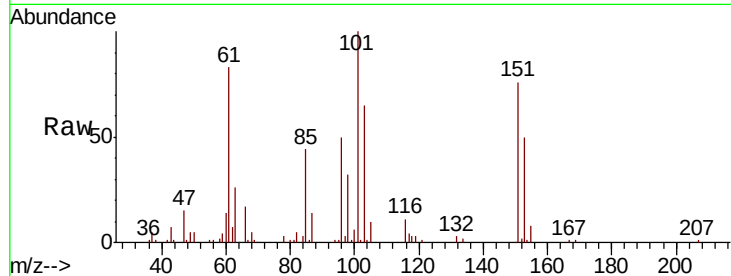
Tot Ion:101 Resp: 103210

Ion Ratio Lower Upper

101 100

85 44.3 35.6 53.4

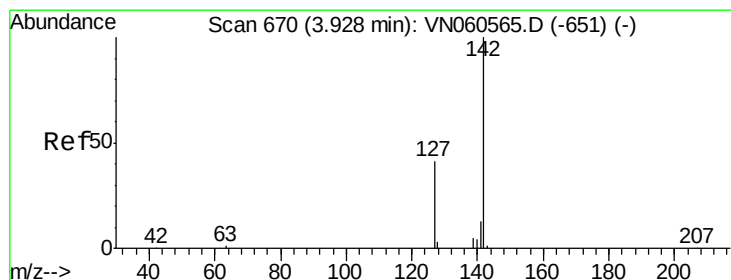
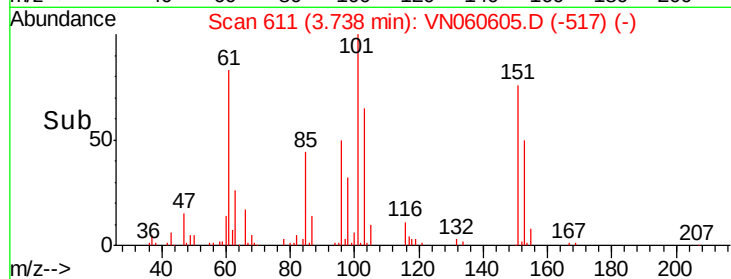
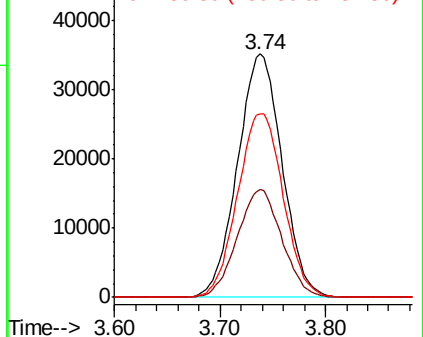
151 77.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.663 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

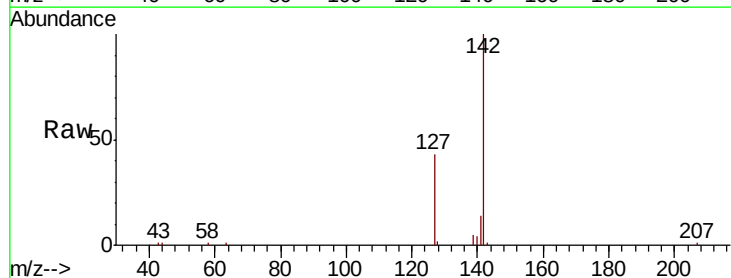
Tgt Ion:142 Resp: 99962

Ion Ratio Lower Upper

142 100

127 41.5 33.5 50.3

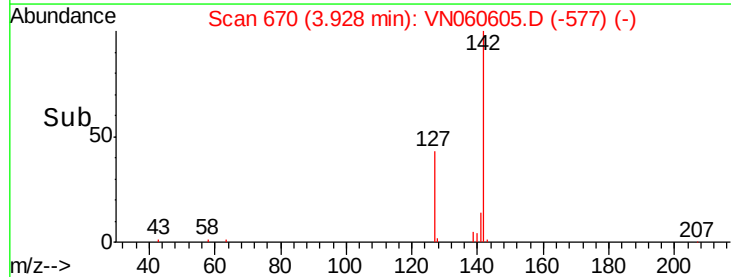
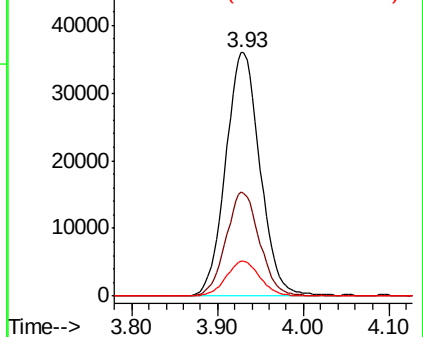
141 14.0 11.0 16.6

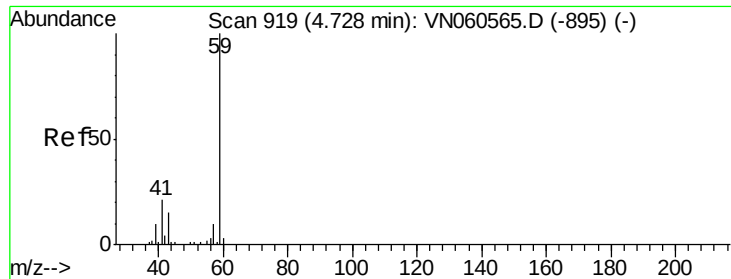


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



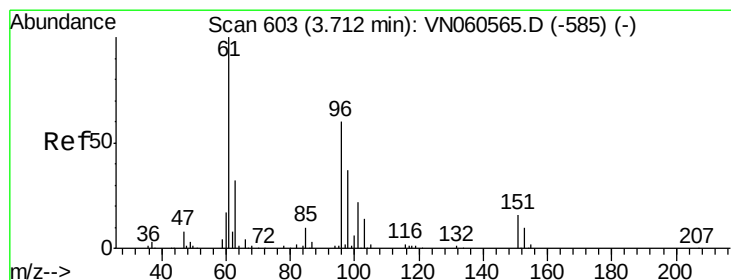
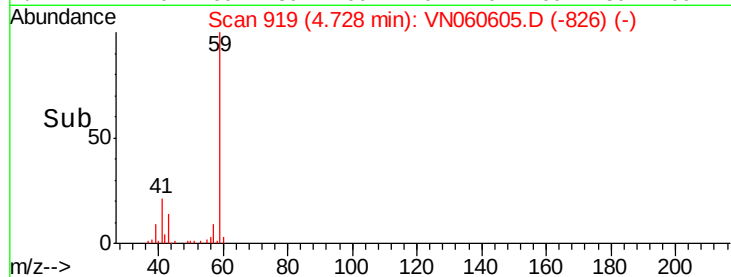
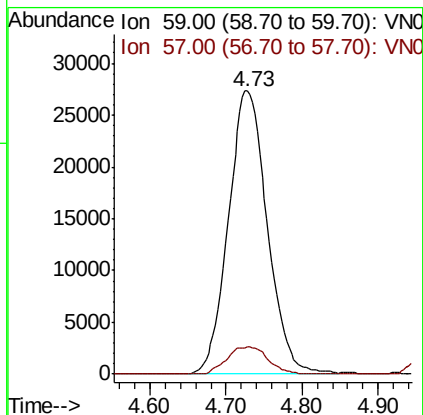
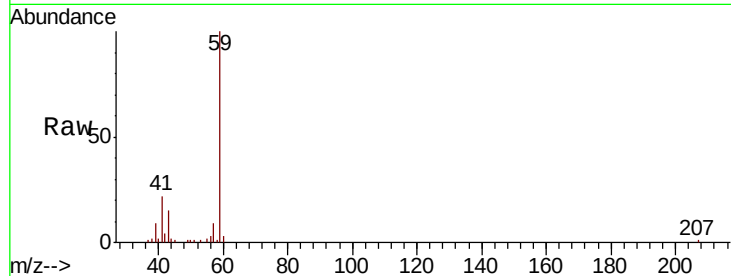


#11

Tert butyl alcohol
 Concen: 236.286 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

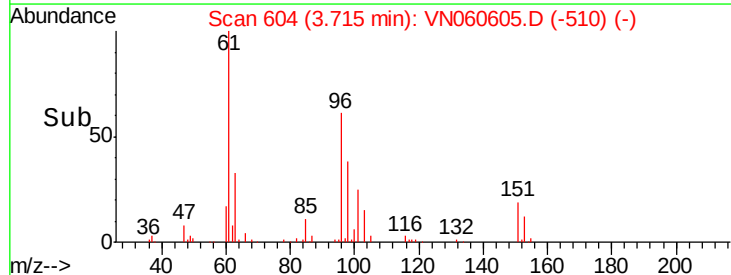
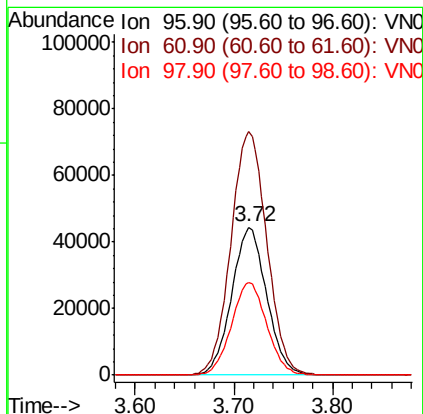
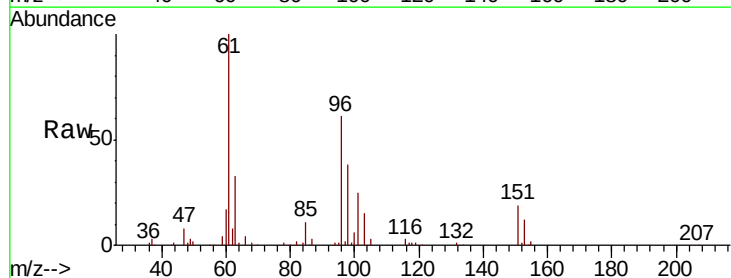
Tot Ion: 59 Resp: 97170
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

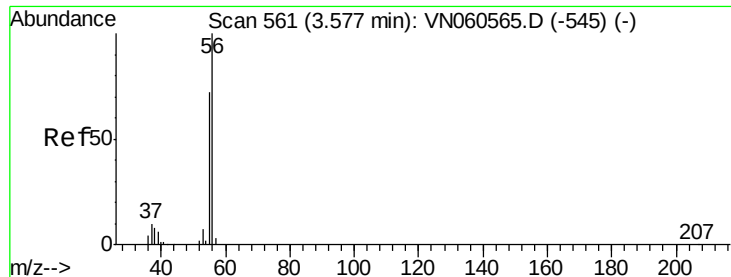


#12

1,1-Dichloroethene
 Concen: 49.739 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion: 96 Resp: 109692
 Ion Ratio Lower Upper
 96 100
 61 164.8 134.1 201.1
 98 62.7 49.9 74.9





#13

Acrolein

Concen: 225.131 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

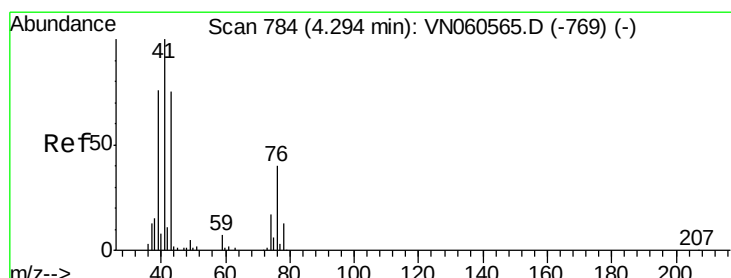
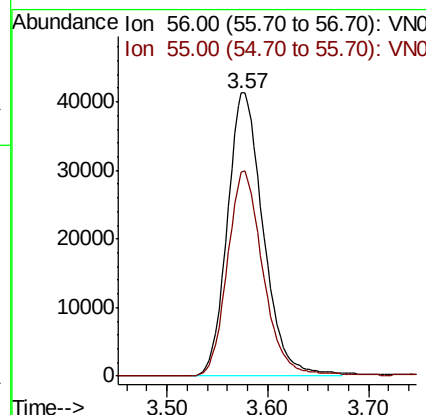
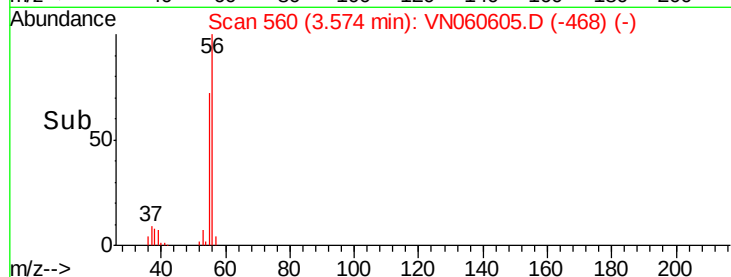
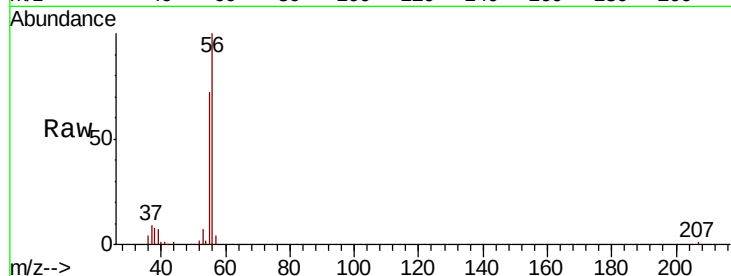
VSTDCCC050

Tot Ion: 56 Resp: 102609

Ion Ratio Lower Upper

56 100

55 72.0 56.7 85.1



#14

Allyl chloride

Concen: 48.923 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

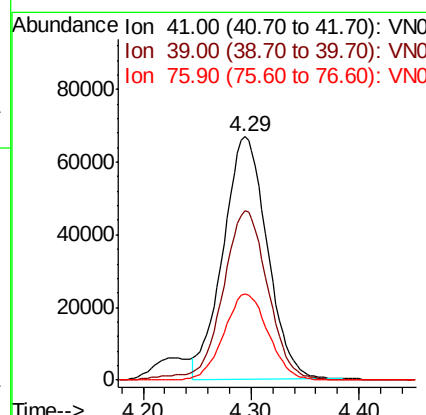
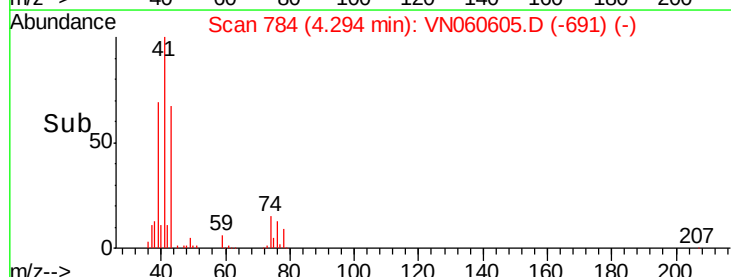
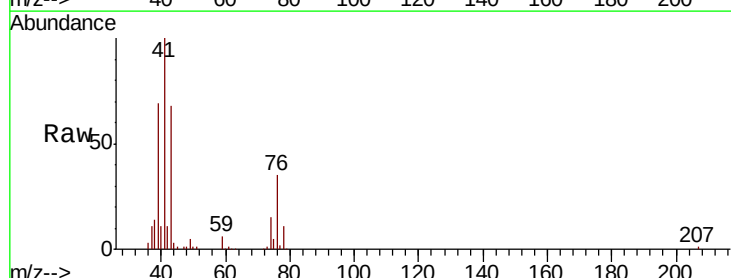
Tgt Ion: 41 Resp: 189761

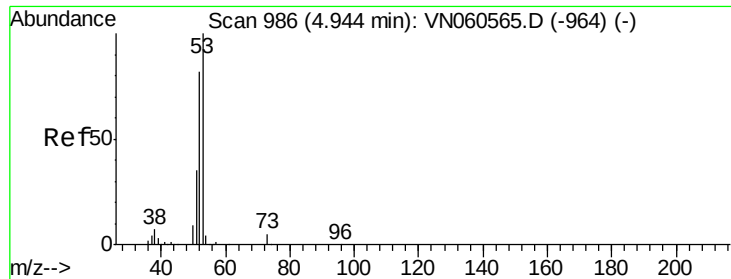
Ion Ratio Lower Upper

41 100

39 71.8 57.8 86.8

76 35.7 28.6 43.0





#15

Acrylonitrile

Concen: 260.836 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

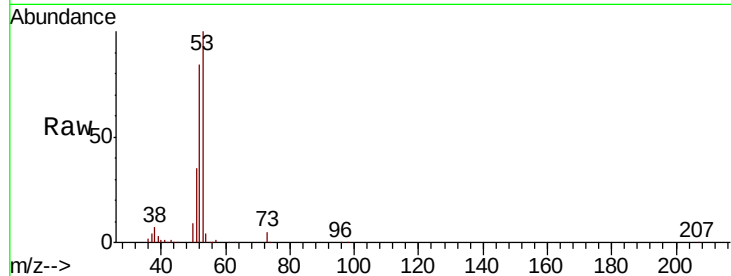
Tot Ion: 53 Resp: 315425

Ion Ratio Lower Upper

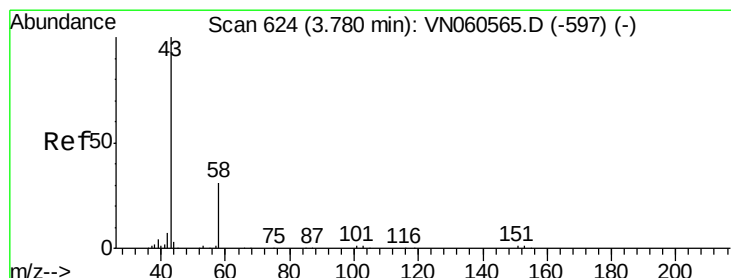
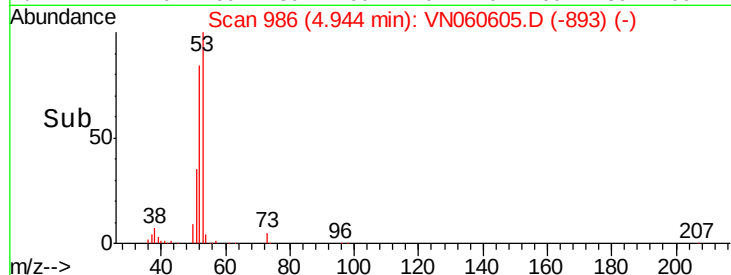
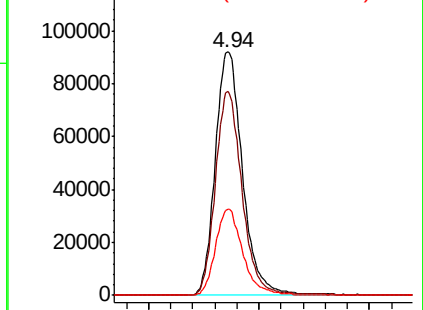
53 100

52 81.9 66.2 99.4

51 35.6 28.7 43.1



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: 249.539 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060605.D

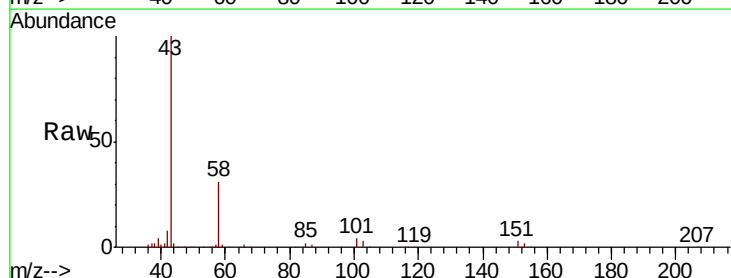
Acq: 18 Mar 2020 20:35

Tgt Ion: 43 Resp: 247165

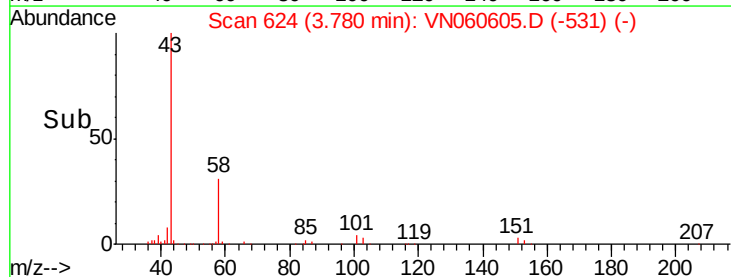
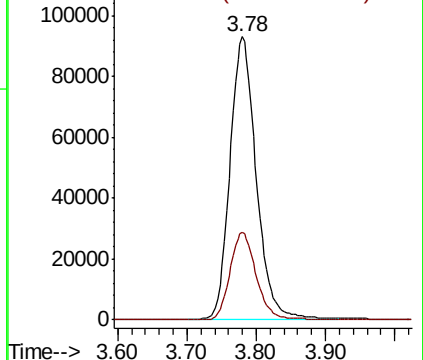
Ion Ratio Lower Upper

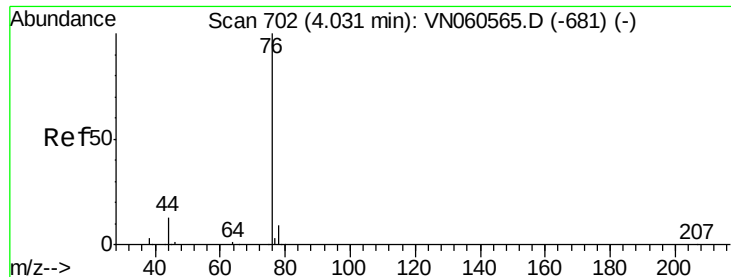
43 100

58 30.8 25.1 37.7



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

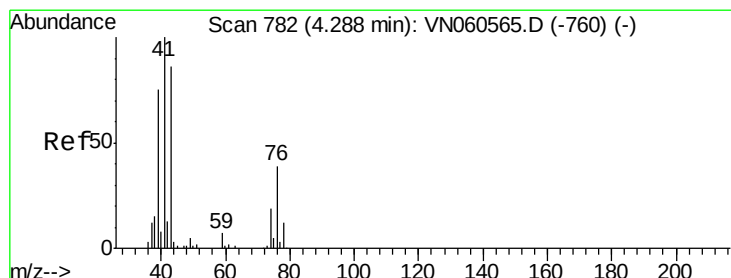
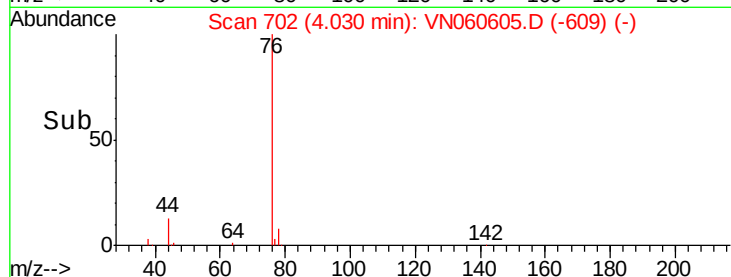
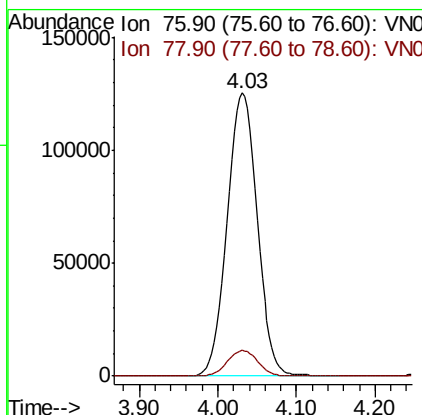
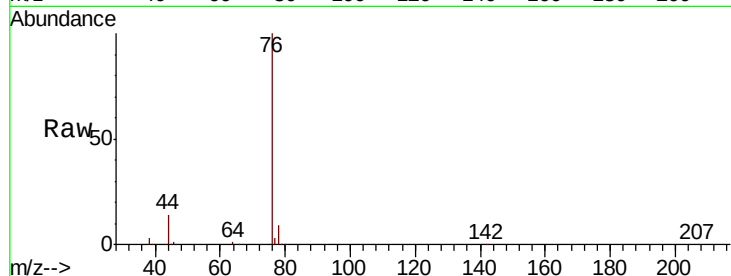




#17
Carbon Disulfide
Concen: 49.715 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

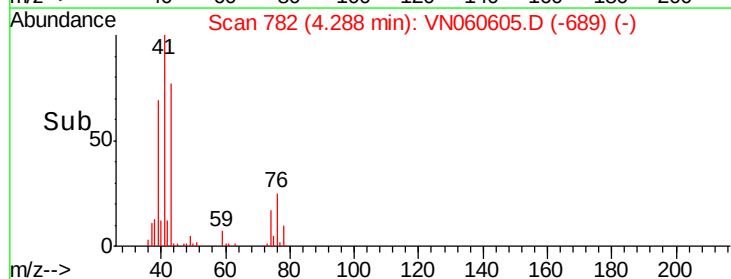
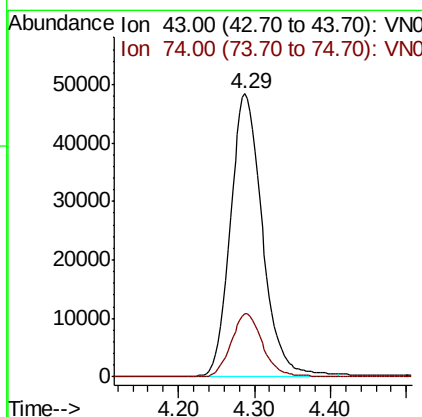
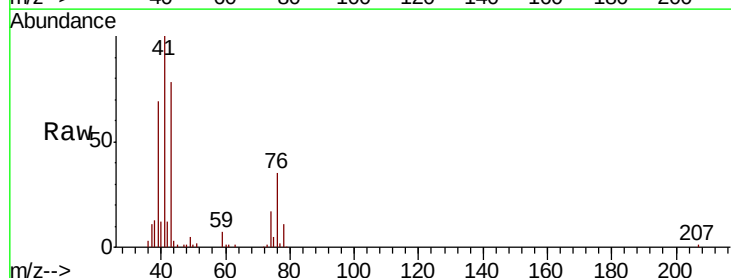
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

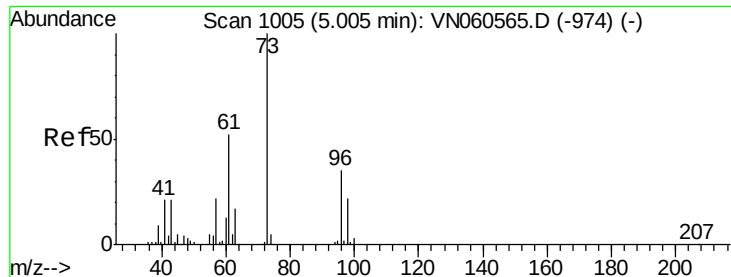
Tot Ion: 76 Resp: 333445
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.865 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 43 Resp: 141810
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3

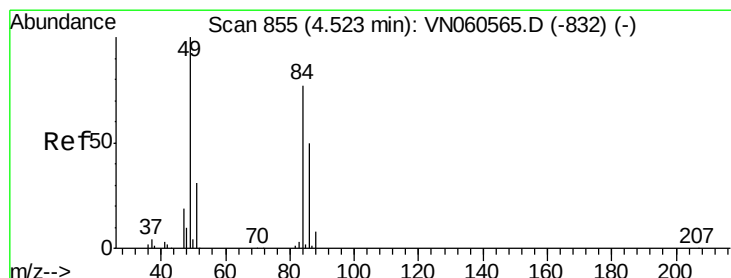
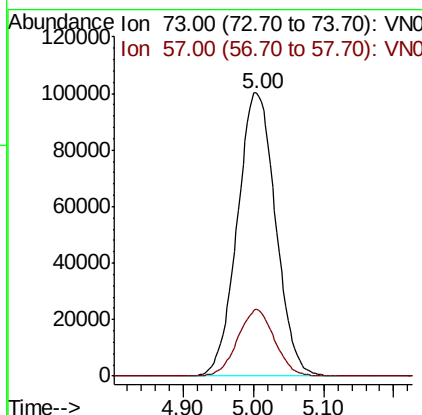
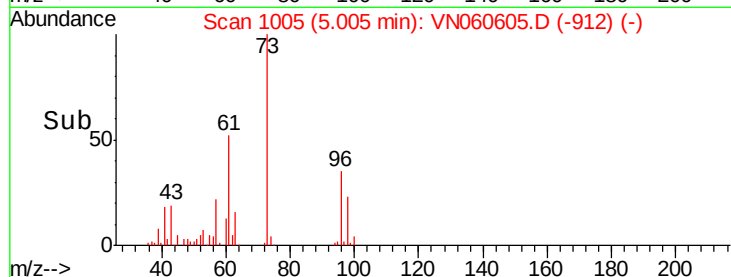
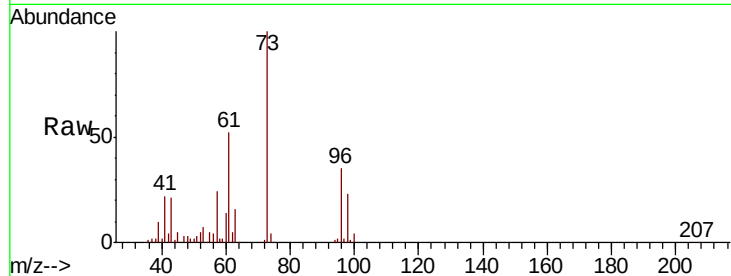




#19
Methyl tert-butyl Ether
Concen: 49.933 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

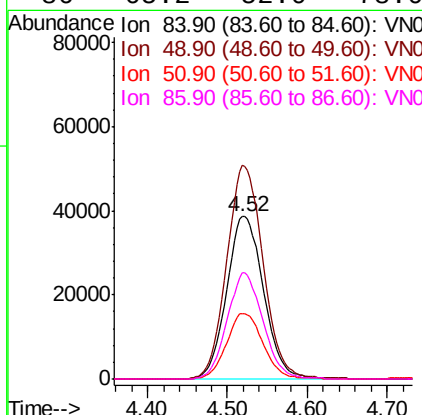
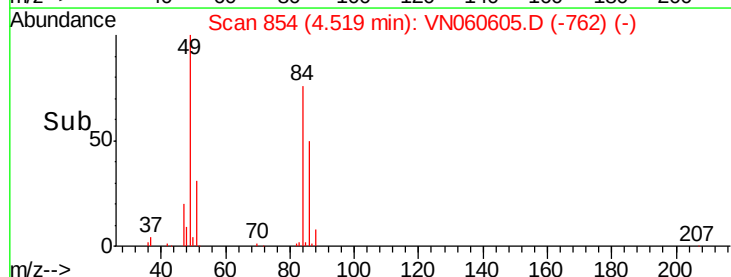
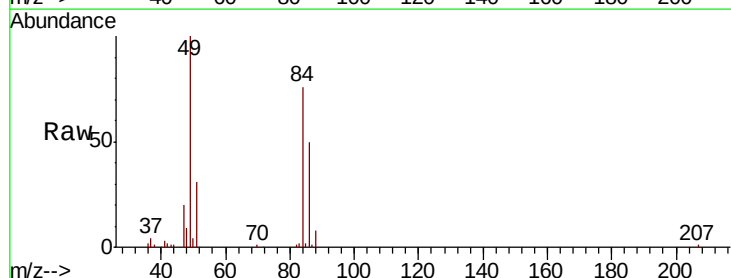
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

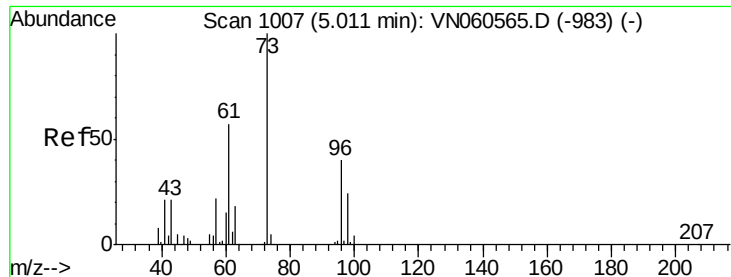
Tot Ion: 73 Resp: 378609
Ion Ratio Lower Upper
73 100
57 23.8 17.5 26.3



#20
Methylene Chloride
Concen: 49.898 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 84 Resp: 121578
Ion Ratio Lower Upper
84 100
49 131.4 103.3 154.9
51 40.3 31.6 47.4
86 65.2 52.0 78.0

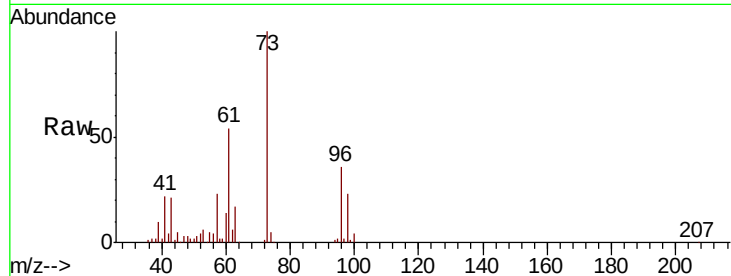




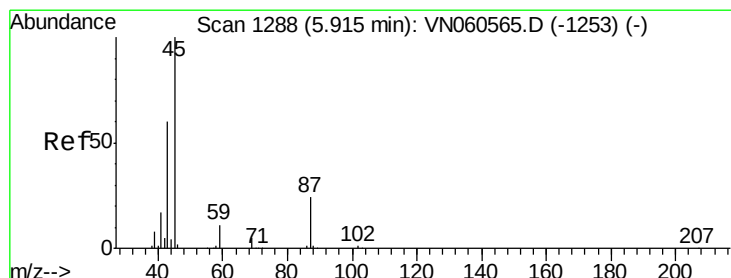
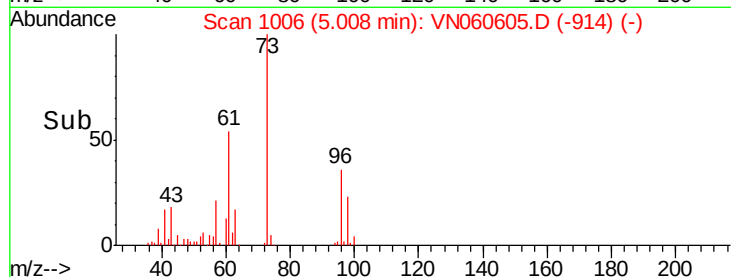
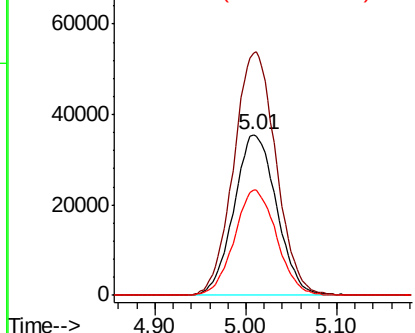
#21
trans-1,2-Dichloroethene
Concen: 49.181 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 115597
Ion Ratio Lower Upper
96 100
61 150.7 114.4 171.6
98 65.3 48.4 72.6



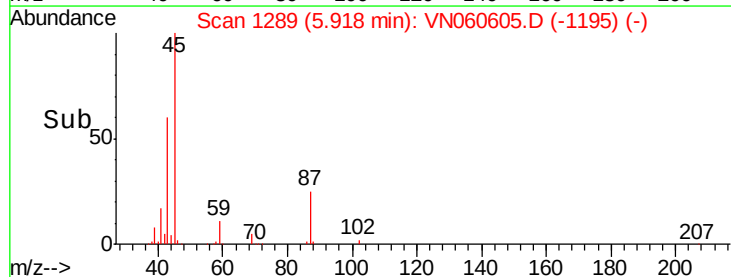
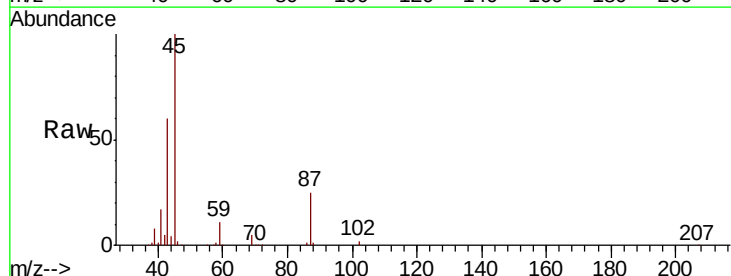
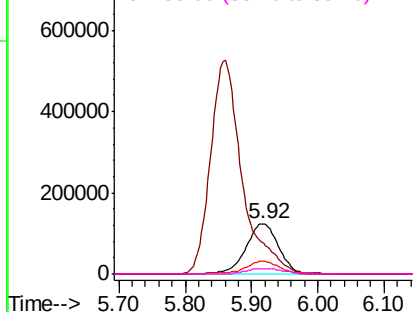
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

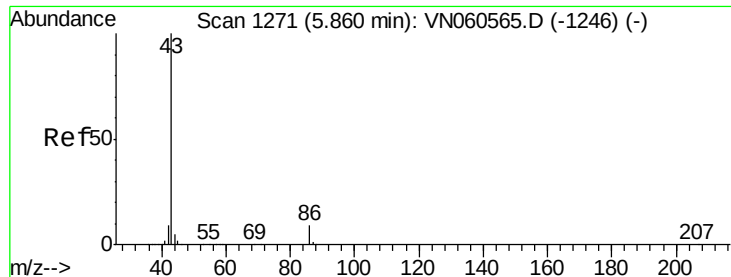


#22
Diisopropyl ether
Concen: 51.608 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 45 Resp: 422909
Ion Ratio Lower Upper
45 100
43 59.0 49.8 74.8
87 25.1 20.1 30.1
59 10.9 9.2 13.8

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: 262.698 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

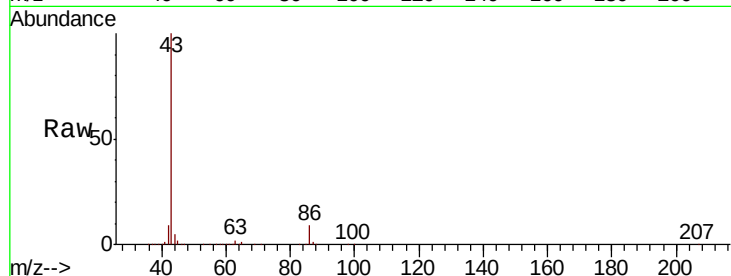
VSTDCCC050

Tot Ion: 43 Resp: 1756427

Ion Ratio Lower Upper

43 100

86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN060565.D (-1246) (-)

5.86

600000

500000

400000

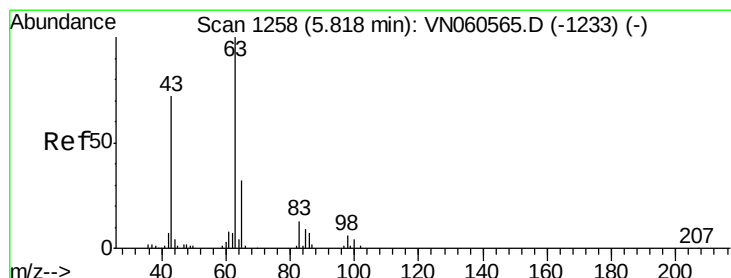
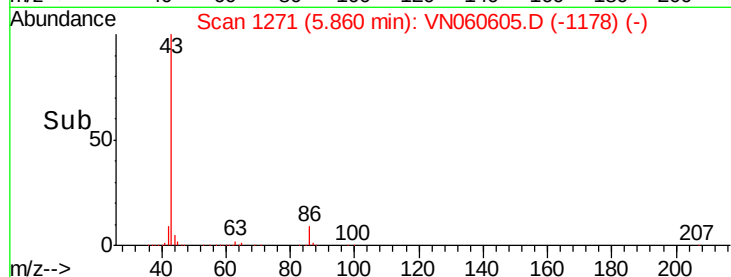
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.902 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

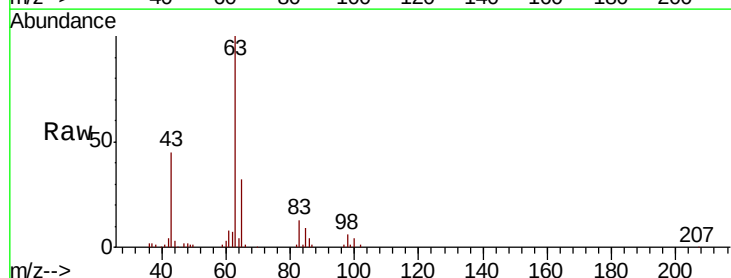
Tgt Ion: 63 Resp: 227393

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

100 4.1 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060565.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN060565.D (-1233) (-)

80000

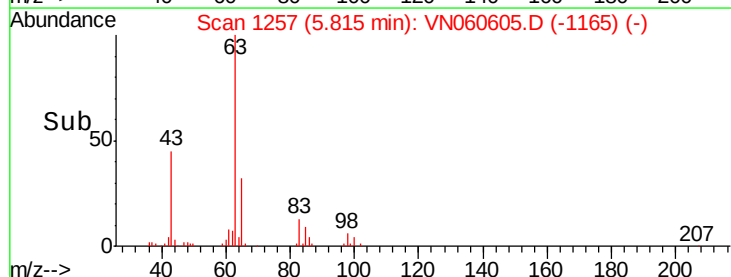
60000

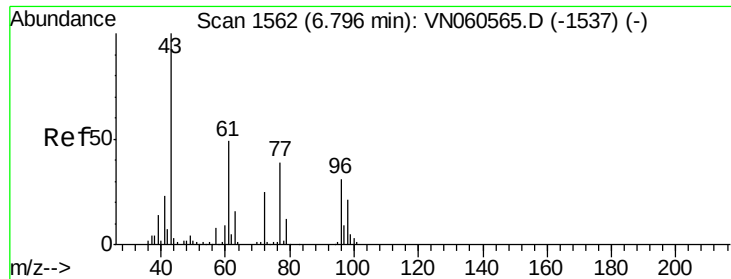
40000

20000

0

Time-->

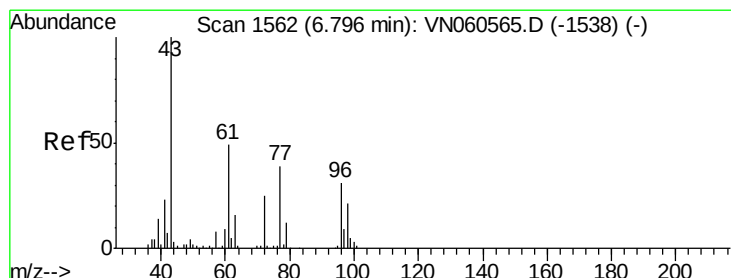
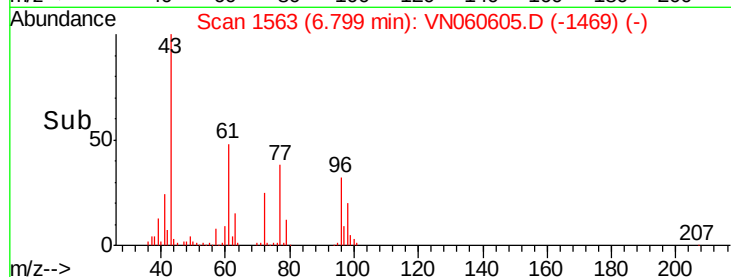
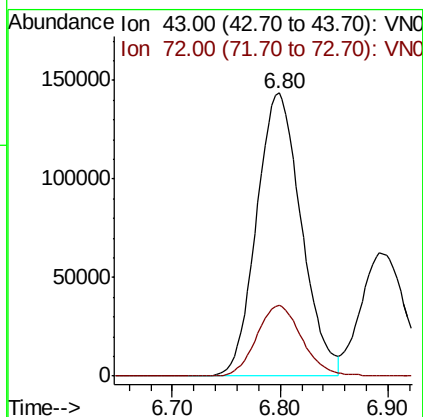
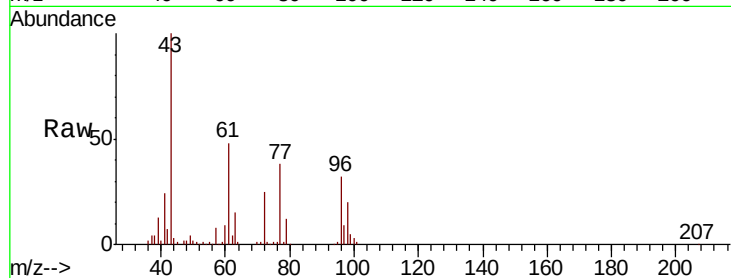




#25
 2-Butanone
 Concen: 257.811 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

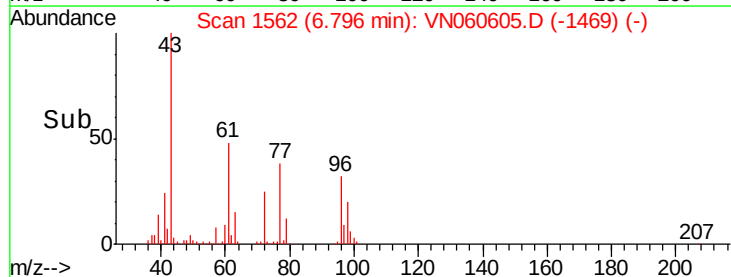
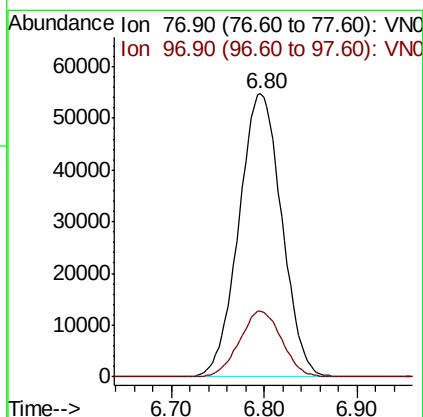
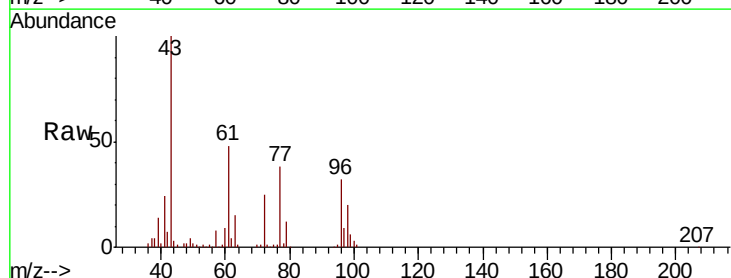
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

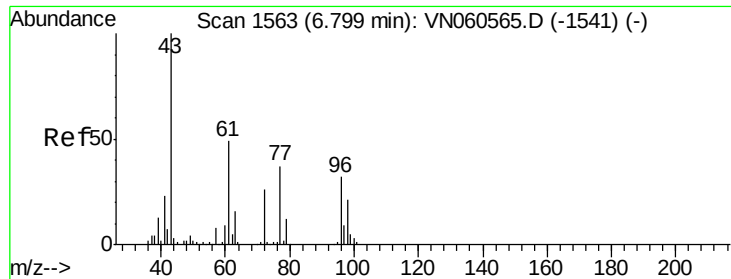
Tot Ion: 43 Resp: 413213
 Ion Ratio Lower Upper
 43 100
 72 24.9 20.4 30.6



#26
 2,2-Dichloropropane
 Concen: 50.035 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion: 77 Resp: 175865
 Ion Ratio Lower Upper
 77 100
 97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.543 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

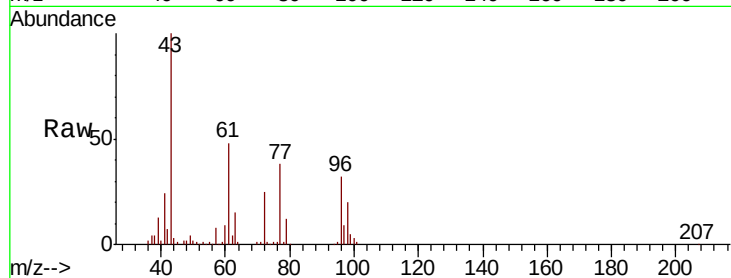
Tot Ion: 96 Resp: 134999

Ion Ratio Lower Upper

96 100

61 152.1 0.0 305.6

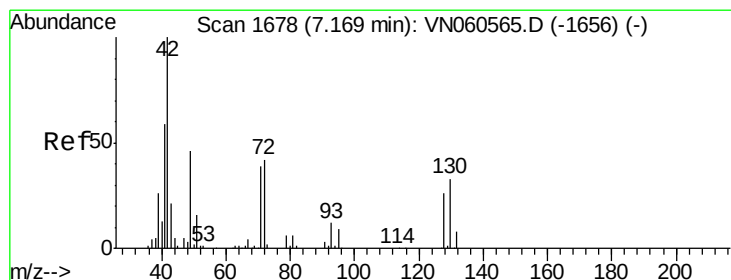
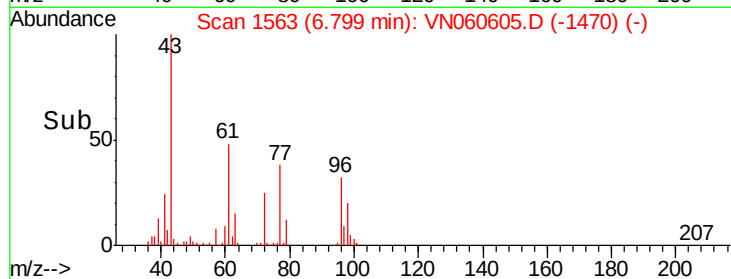
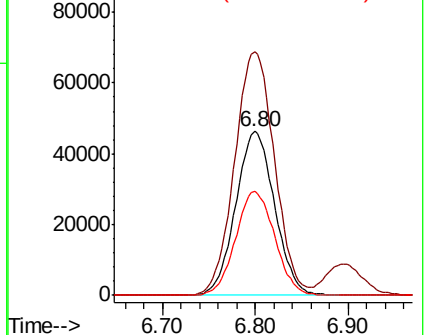
98 63.7 0.0 127.6



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: 49.567 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

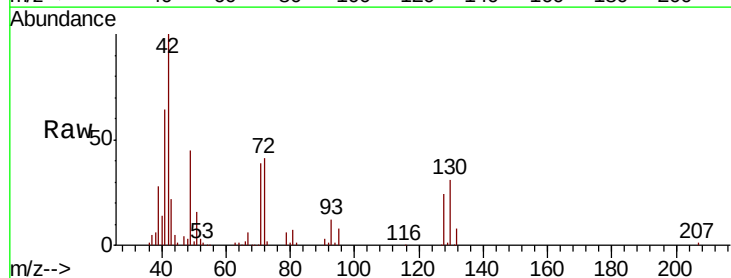
Tgt Ion: 49 Resp: 105941

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.4

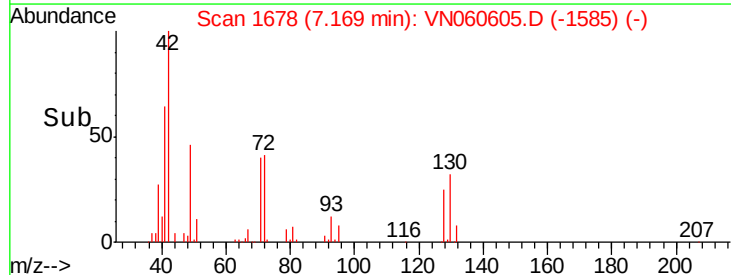
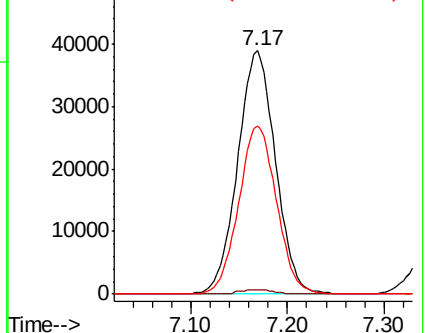
130 69.1 55.0 82.4

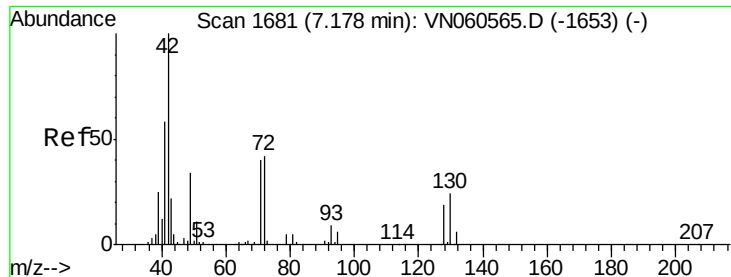


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

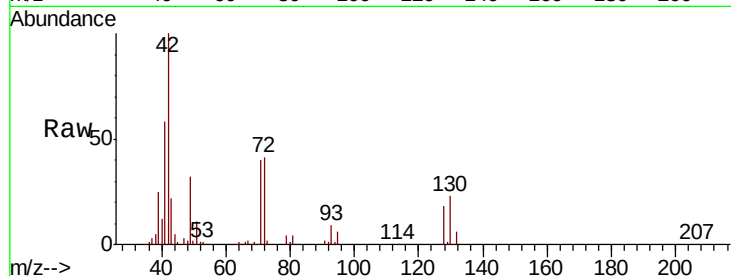




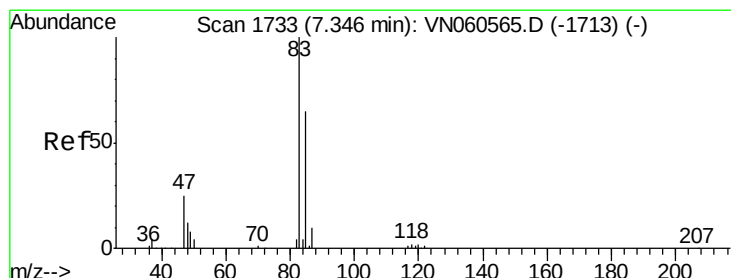
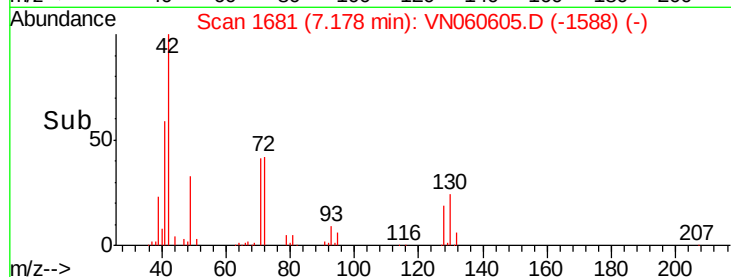
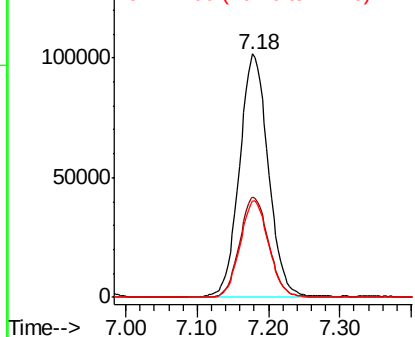
#29
Tetrahydrofuran
Concen: 253.666 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 287664
Ion Ratio Lower Upper
42 100
72 41.3 33.2 49.8
71 39.2 31.1 46.7

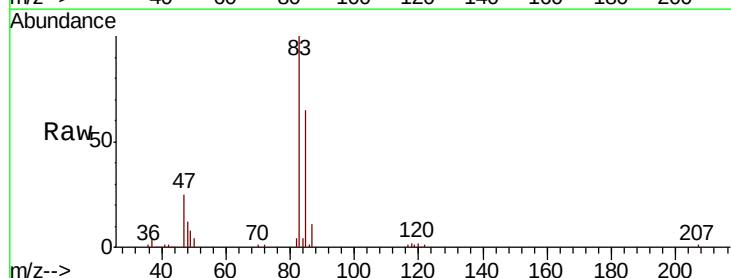


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

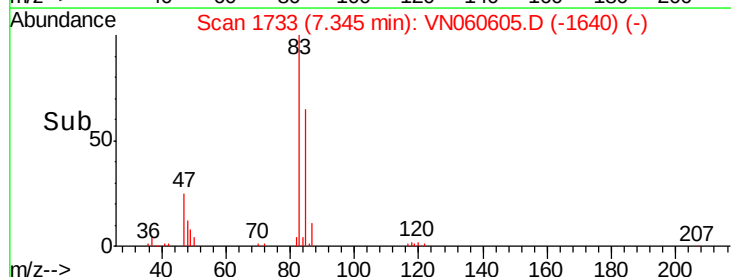
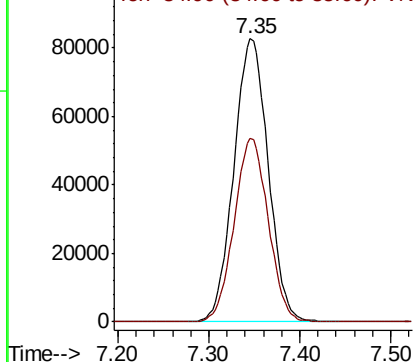


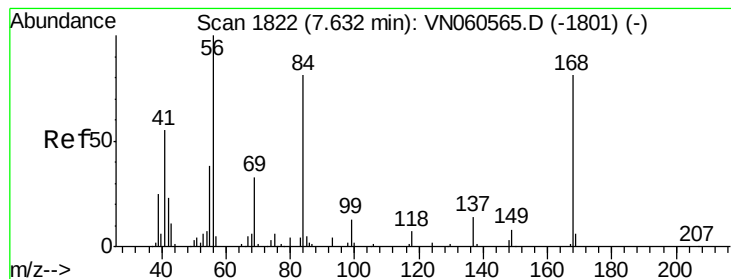
#30
Chloroform
Concen: 50.640 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 83 Resp: 216871
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8



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





#31

Cyclohexane

Concen: 47.966 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

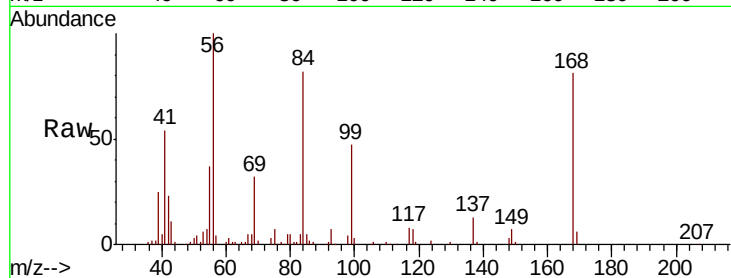
Tot Ion: 56 Resp: 216024

Ion Ratio Lower Upper

56 100

69 32.1 26.6 40.0

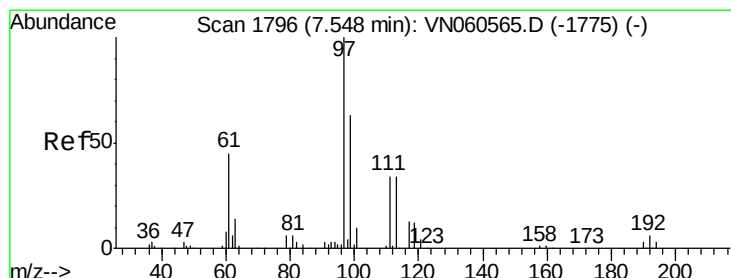
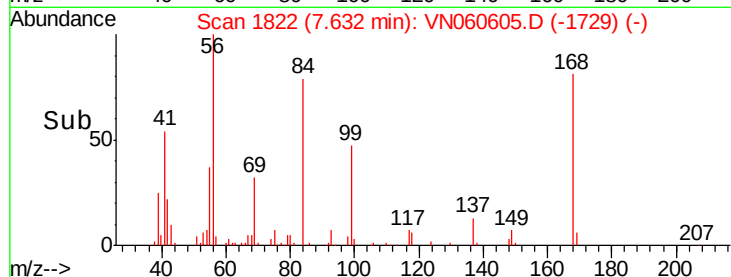
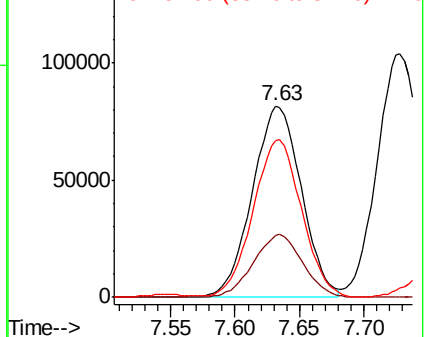
84 81.2 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060565.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN060565.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN060565.D (-1801) (-)



#32

1,1,1-Trichloroethane

Concen: 51.200 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

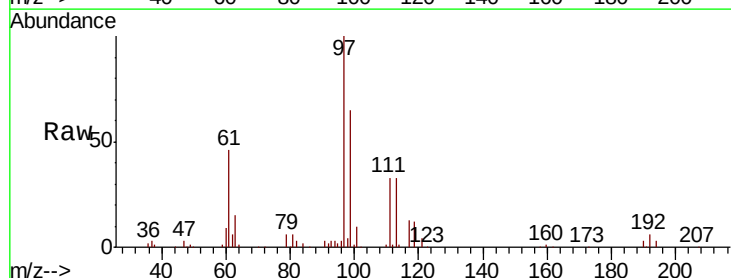
Tgt Ion: 97 Resp: 189027

Ion Ratio Lower Upper

97 100

99 64.3 50.6 75.8

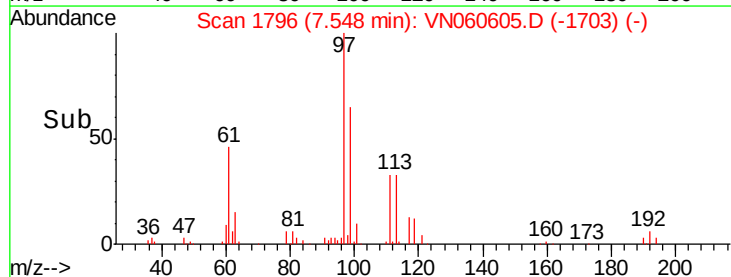
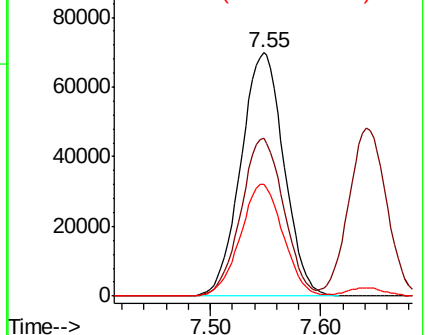
61 45.7 36.2 54.4

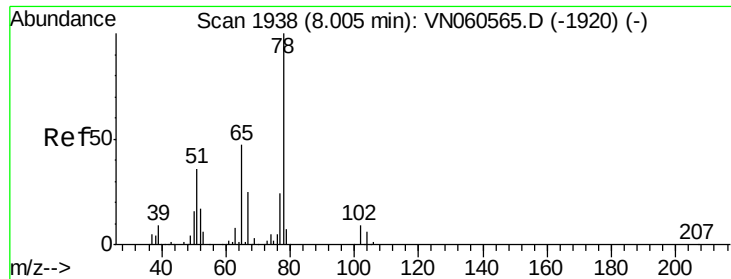


Abundance Ion 96.90 (96.60 to 97.60): VN060565.D (-1775) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1775) (-)

Ion 60.90 (60.60 to 61.60): VN060565.D (-1775) (-)

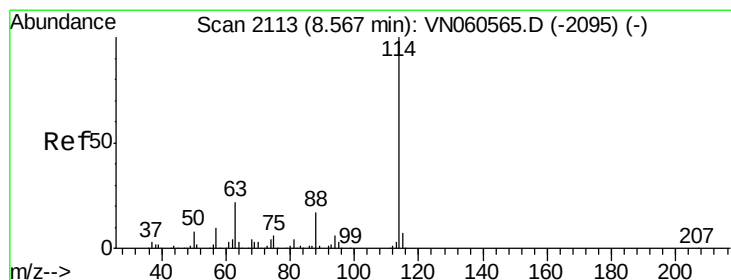
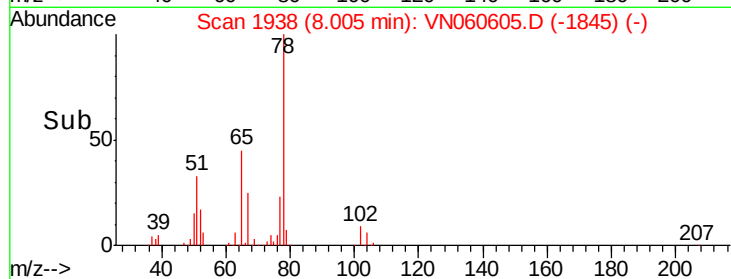
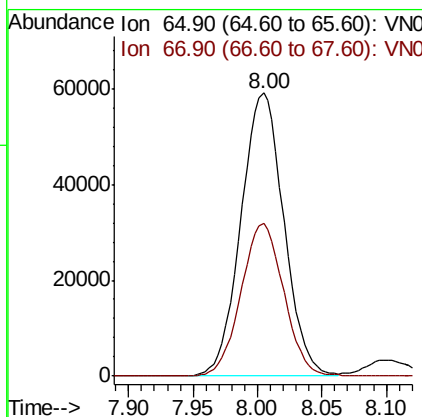
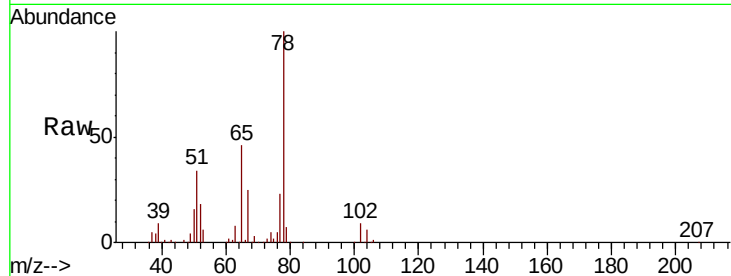




#33
 1,2-Dichloroethane-d4
 Concen: 49.021 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

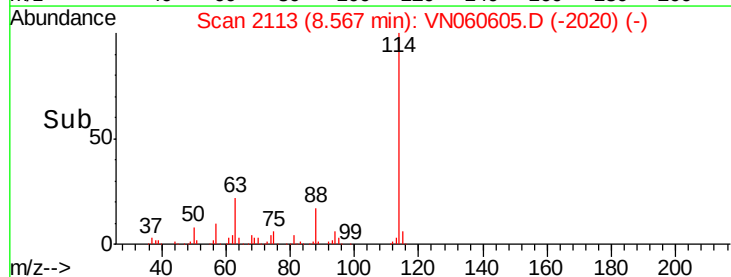
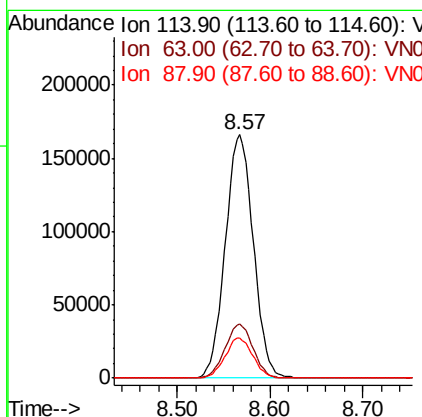
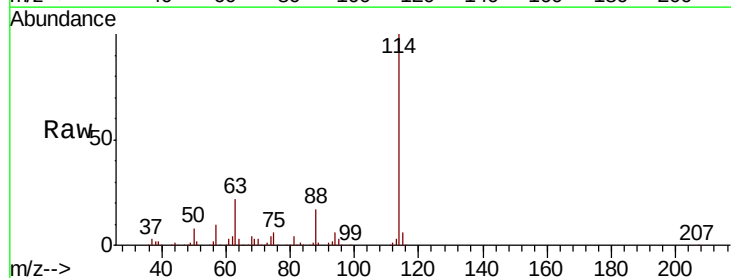
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

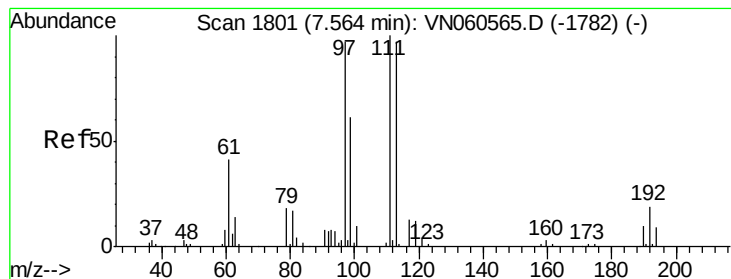
Tot Ion: 65 Resp: 137074
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion: 114 Resp: 348191
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.598 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

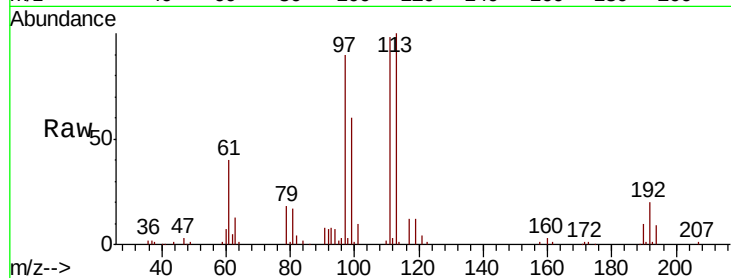
Tot Ion:113 Resp: 102319

Ion Ratio Lower Upper

113 100

111 101.0 82.9 124.3

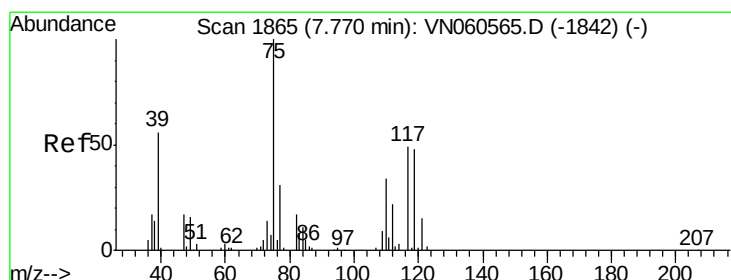
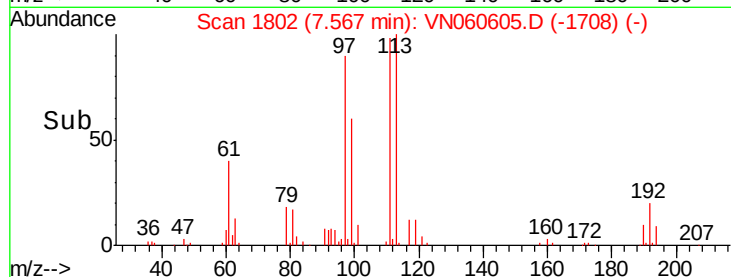
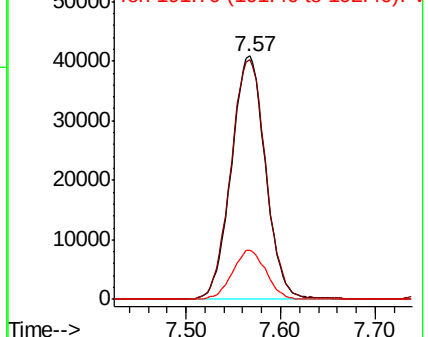
192 19.8 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.312 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

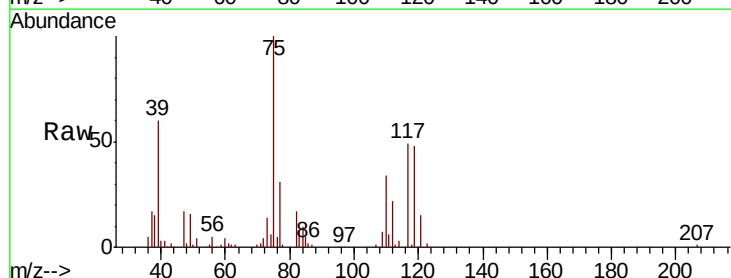
Tgt Ion: 75 Resp: 169631

Ion Ratio Lower Upper

75 100

110 33.6 16.9 50.6

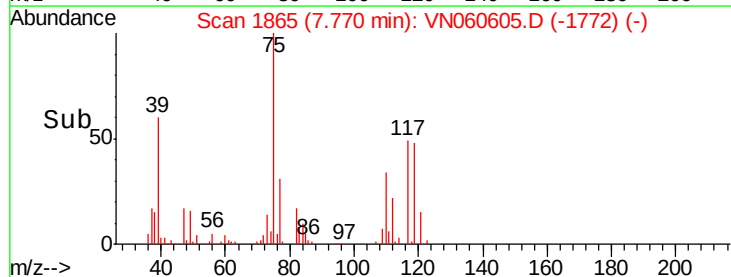
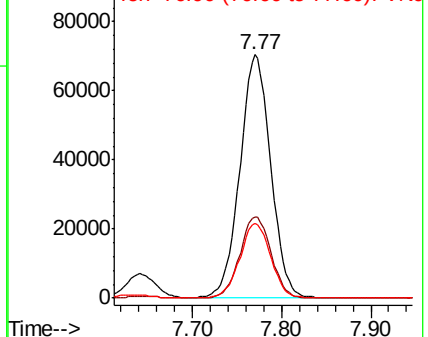
77 30.9 24.6 36.8

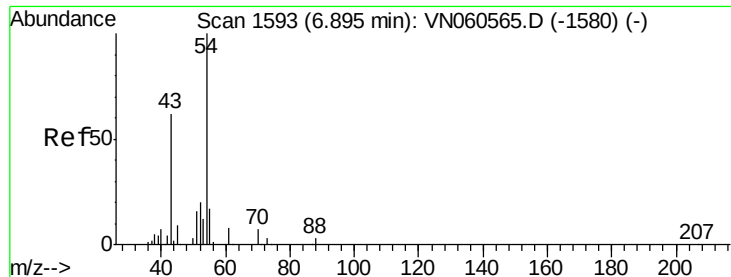


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

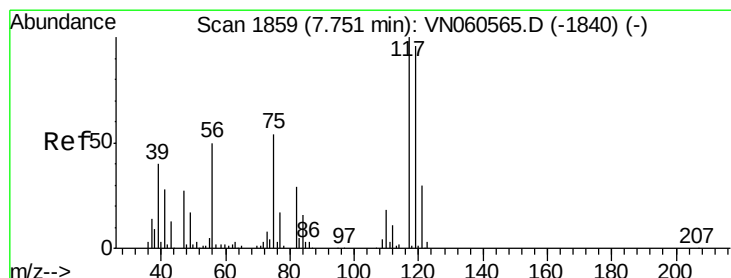
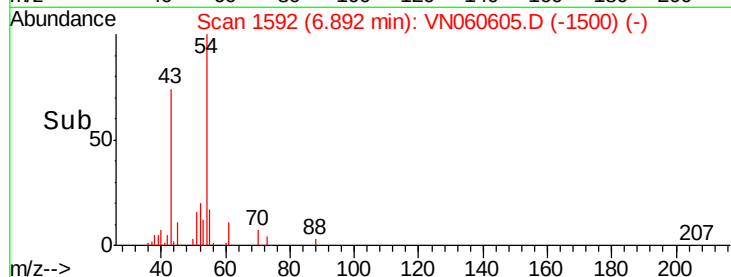
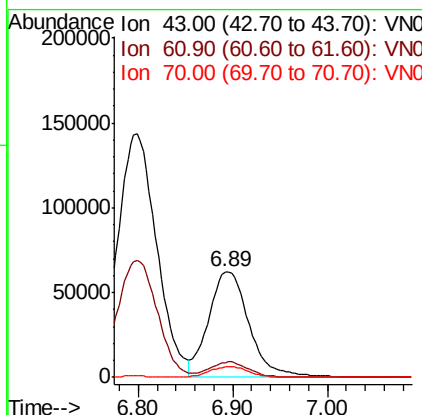
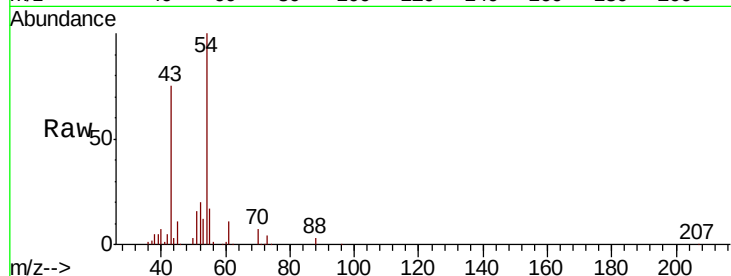




#37
Ethyl Acetate
Concen: 50.142 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

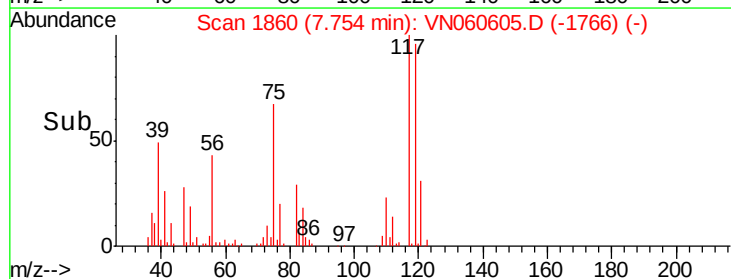
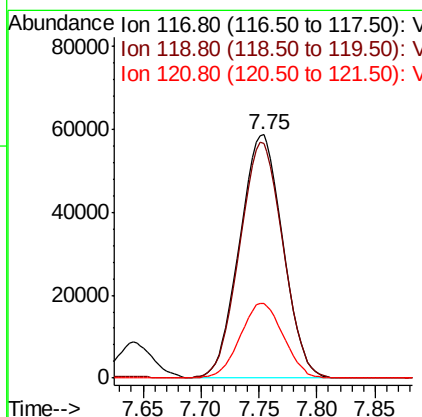
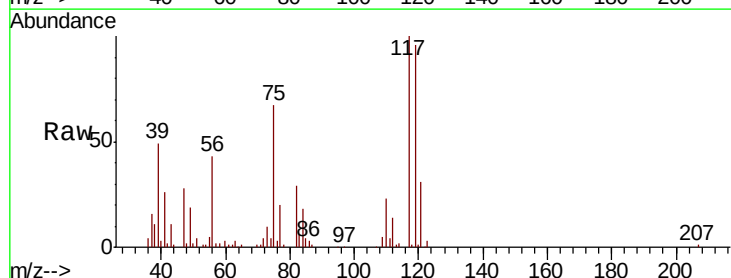
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

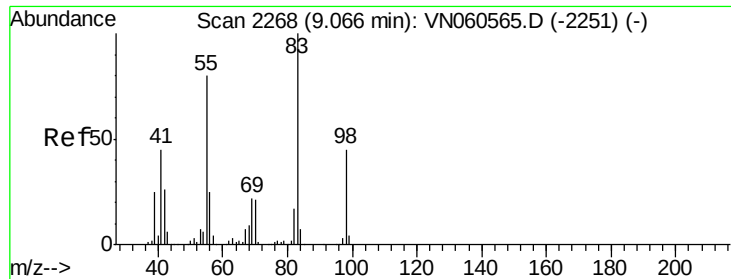
Tot Ion: 43 Resp: 182669
Ion Ratio Lower Upper
43 100
61 13.9 10.6 15.8
70 10.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.513 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 117 Resp: 152639
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.2
121 30.6 23.7 35.5

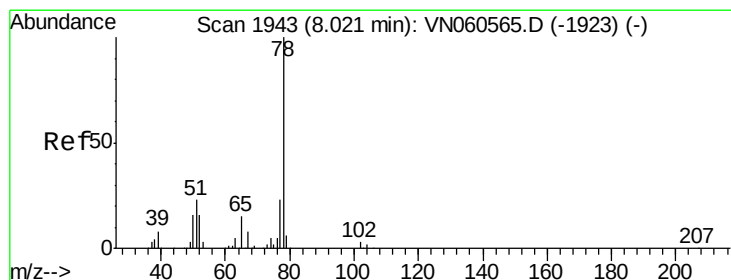
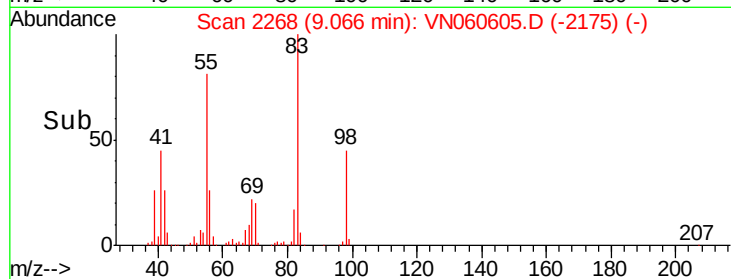
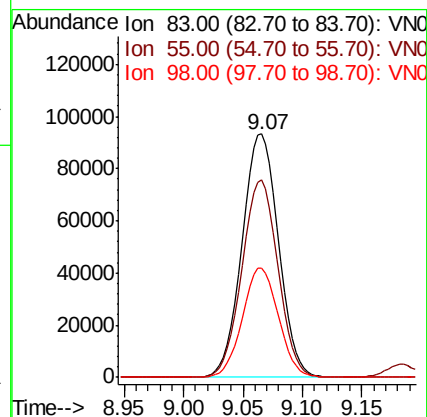
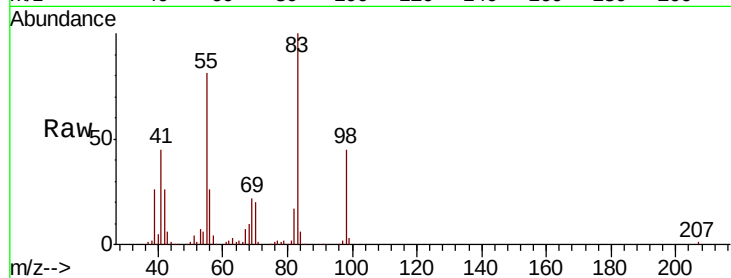




#39
Methylvlcyclohexane
Concen: 49.518 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

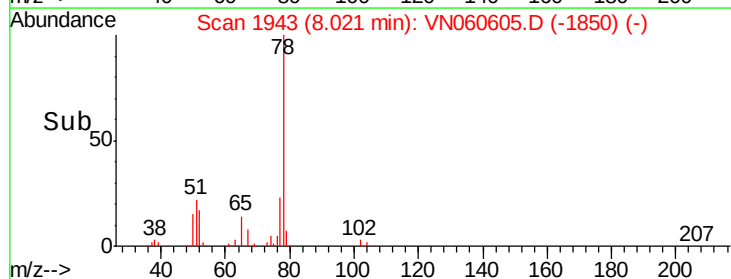
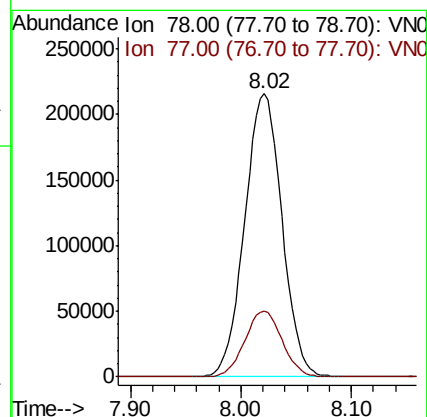
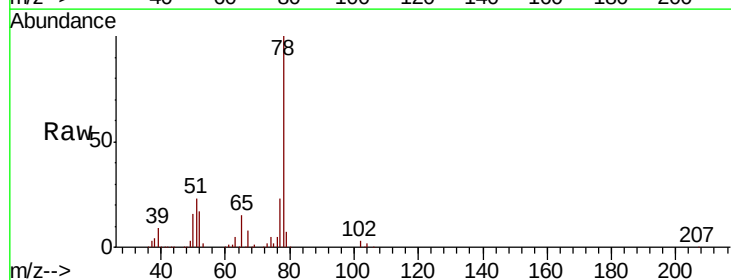
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

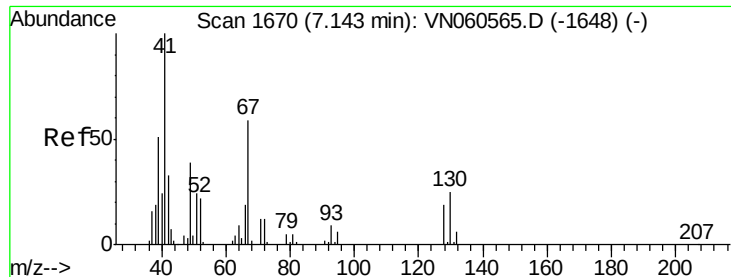
Tot Ion: 83 Resp: 198405
Ion Ratio Lower Upper
83 100
55 81.0 63.6 95.4
98 44.7 36.0 54.0



#40
Benzene
Concen: 49.665 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 78 Resp: 505487
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0

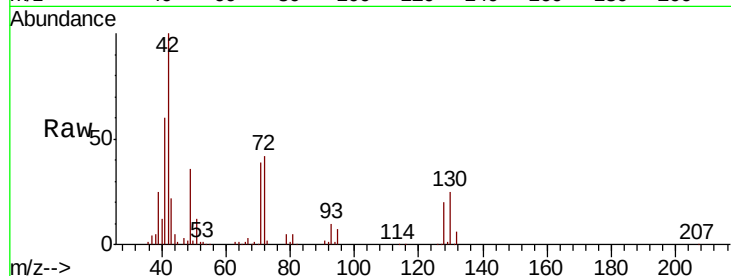




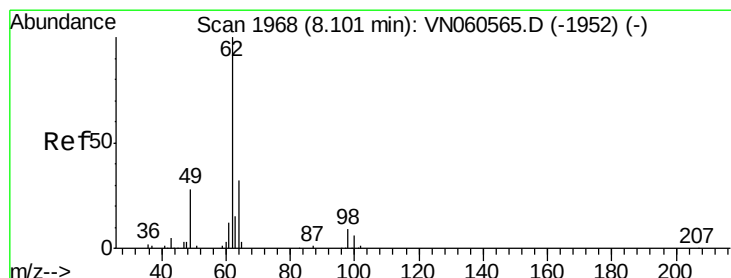
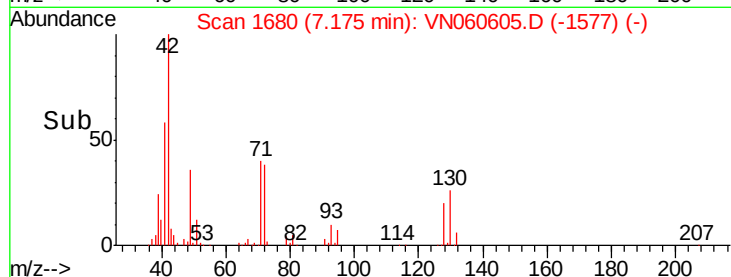
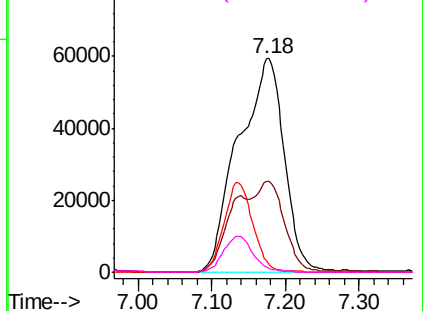
#41
Methacrylonitrile
Concen: 164.872 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	256335
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

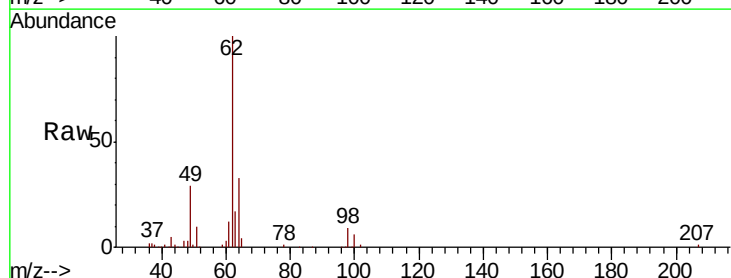


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

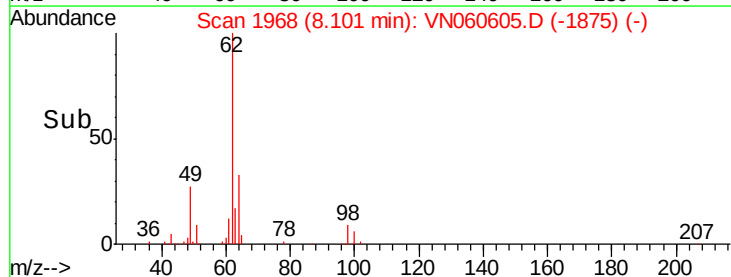
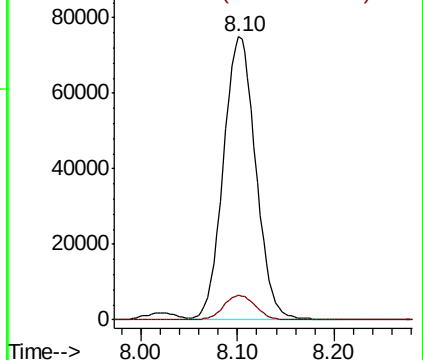


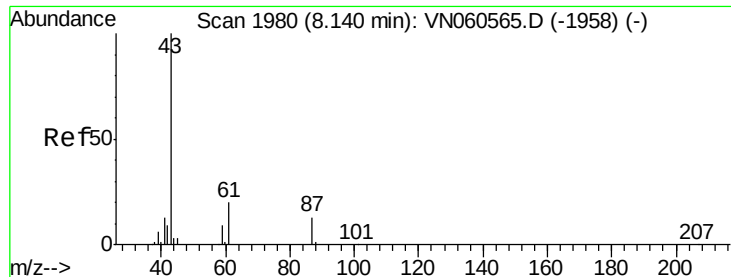
#42
1,2-Dichloroethane
Concen: 50.220 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion:	62	Resp:	174683
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 50.412 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

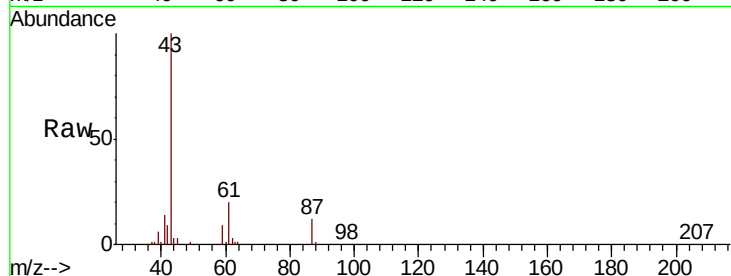
Tot Ion: 43 Resp: 302880

Ion Ratio Lower Upper

43 100

61 25.8 20.7 31.1

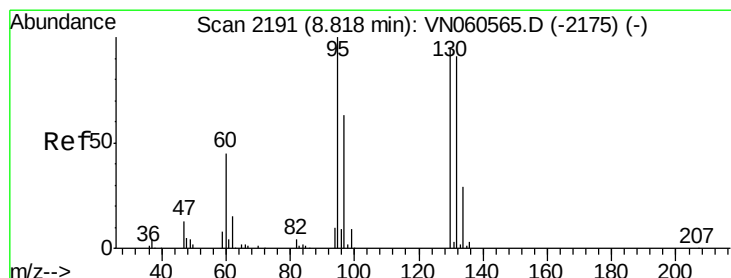
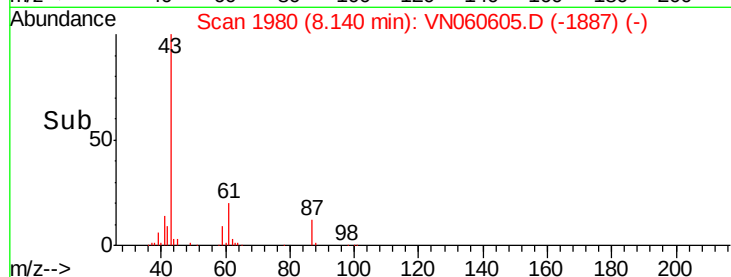
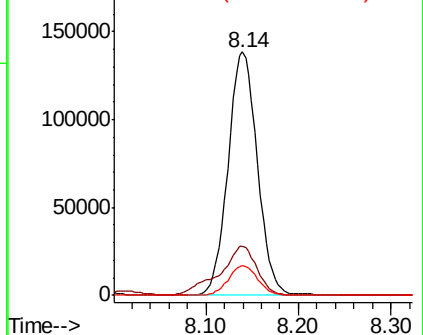
87 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 50.341 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060605.D

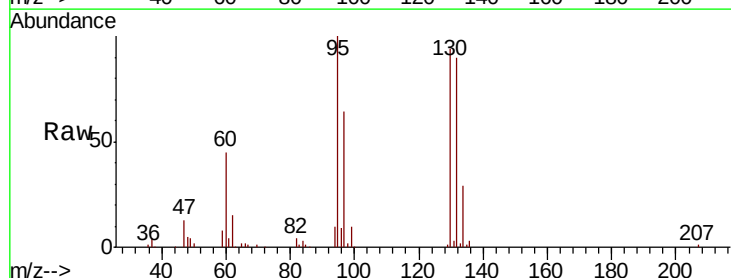
Acq: 18 Mar 2020 20:35

Tgt Ion:130 Resp: 129162

Ion Ratio Lower Upper

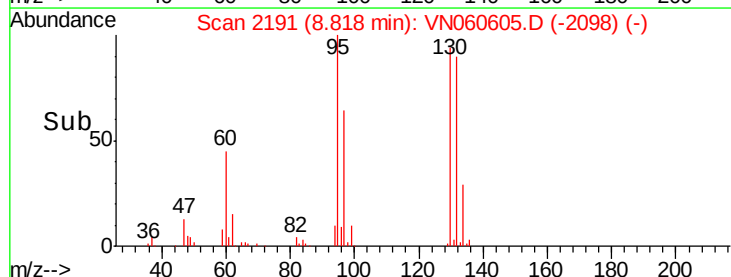
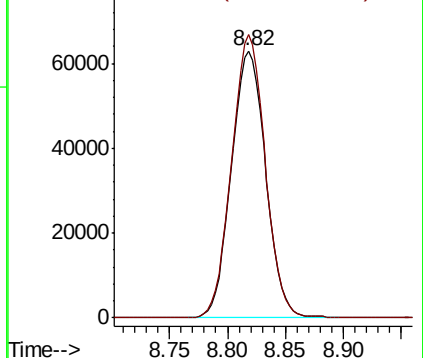
130 100

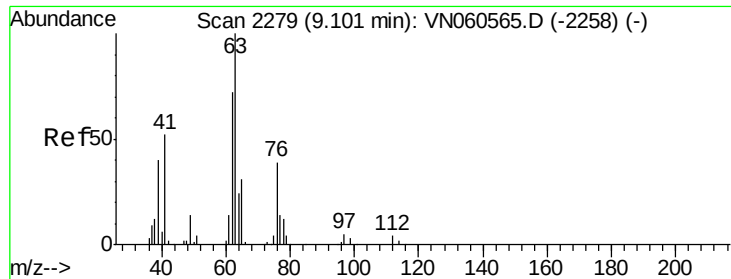
95 106.1 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)

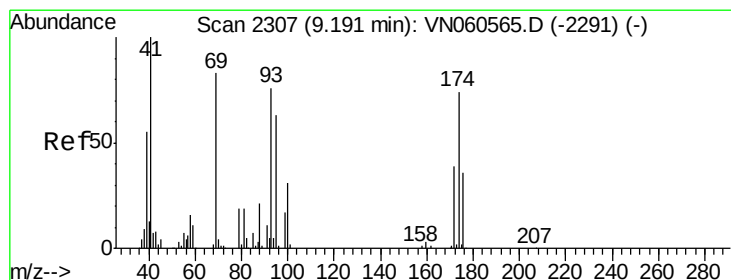
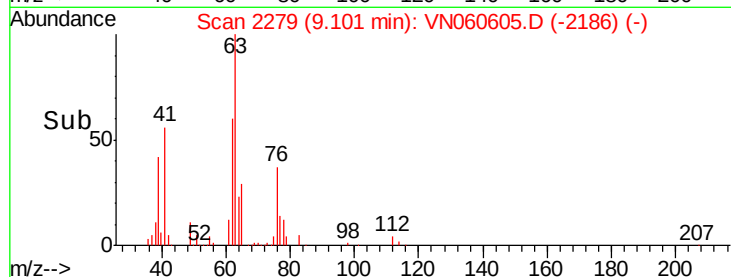
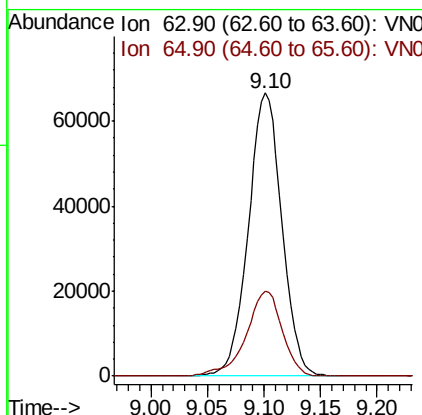
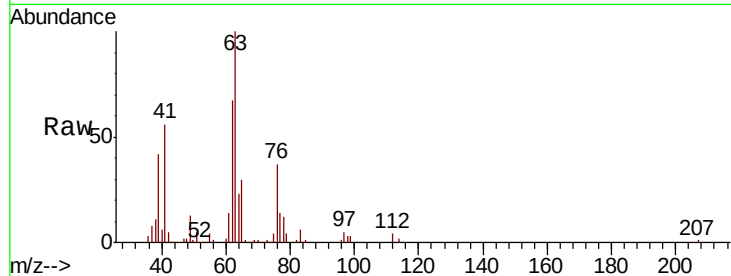




#45
 1,2-Dichloropropane
 Concen: 50.983 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

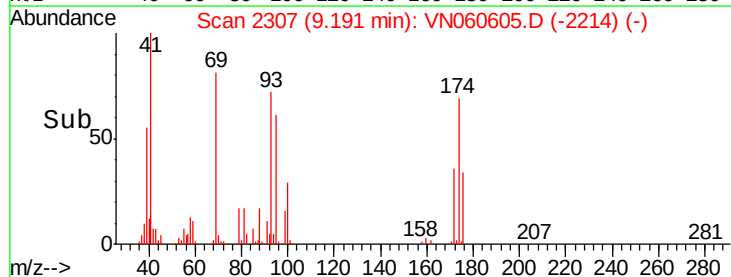
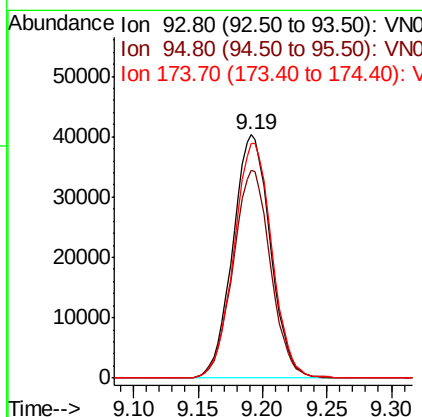
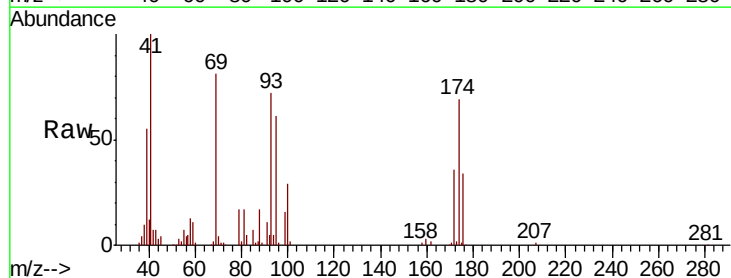
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

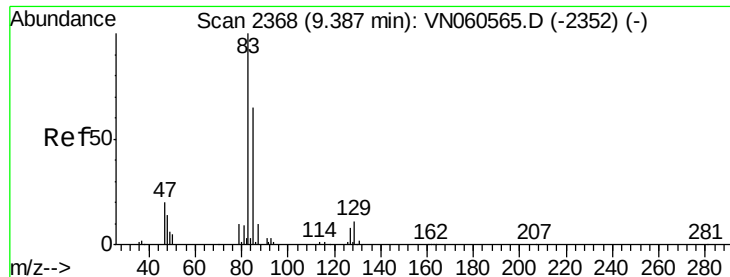
Tot Ion: 63 Resp: 136921
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.4 38.0



#46
 Dibromomethane
 Concen: 50.473 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion: 93 Resp: 81949
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.2 99.4
 174 97.4 77.9 116.9





#47

Bromodichloromethane

Concen: 50.704 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

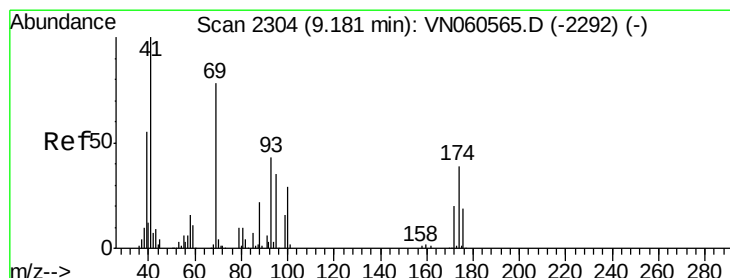
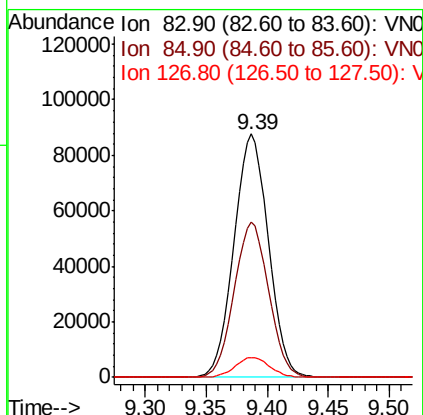
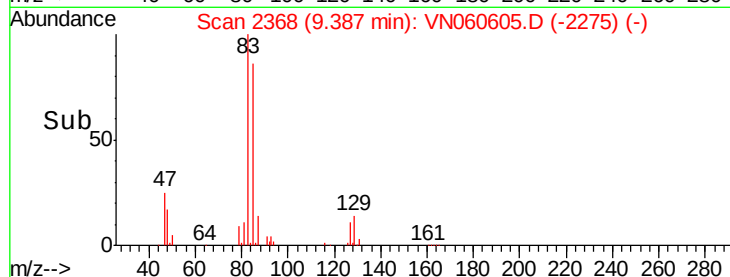
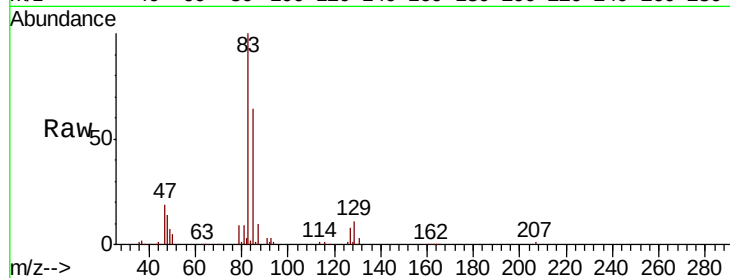
Tot Ion: 83 Resp: 171071

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

127 8.2 6.5 9.7



#48

Methyl methacrylate

Concen: 49.881 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

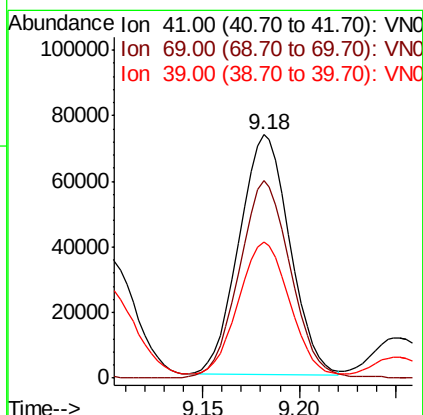
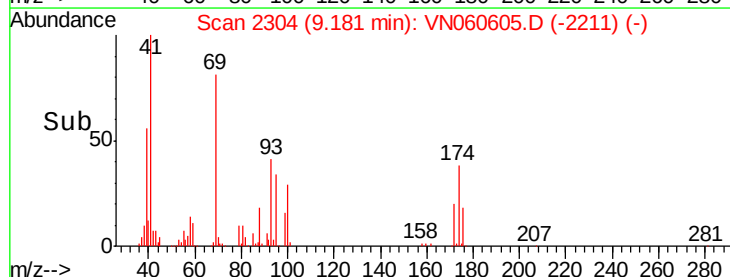
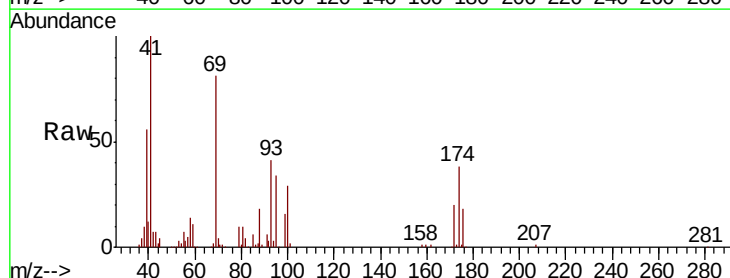
Tgt Ion: 41 Resp: 133431

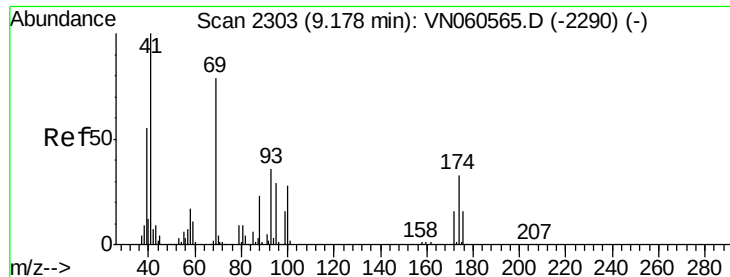
Ion Ratio Lower Upper

41 100

69 83.7 65.4 98.0

39 55.5 44.0 66.0





#49

1,4-Dioxane

Concen: 905.922 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

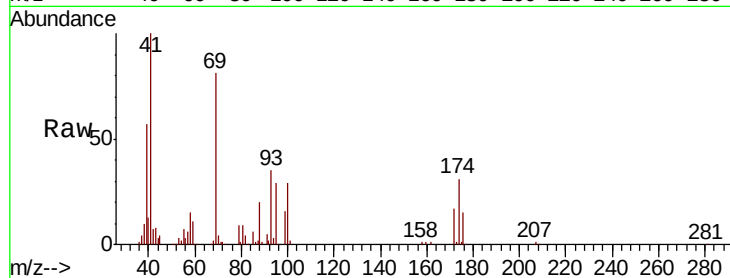
Tot Ion: 88 Resp: 28804

Ion Ratio Lower Upper

88 100

43 39.6 30.8 46.2

58 74.3 59.8 89.8



Abundance Ion 88.00 (87.70 to 88.70): VN060565.D (-2290) (-)

Ion 43.00 (42.70 to 43.70): VN060565.D (-2290) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-2290) (-)

150000

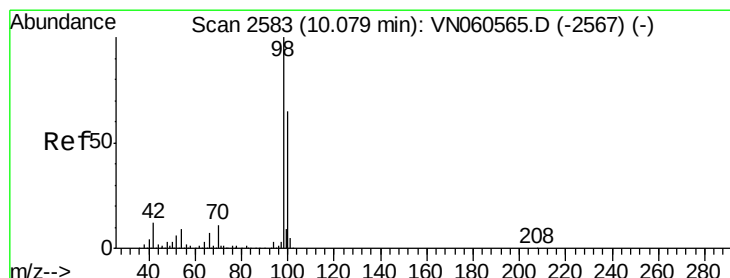
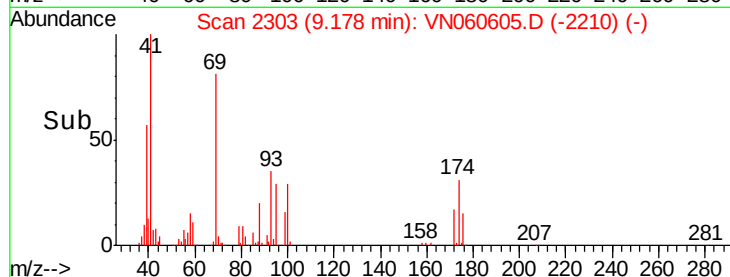
100000

50000

0

9.10 9.15 9.20 9.25

Time-->



#50

Toluene-d8

Concen: 47.866 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060605.D

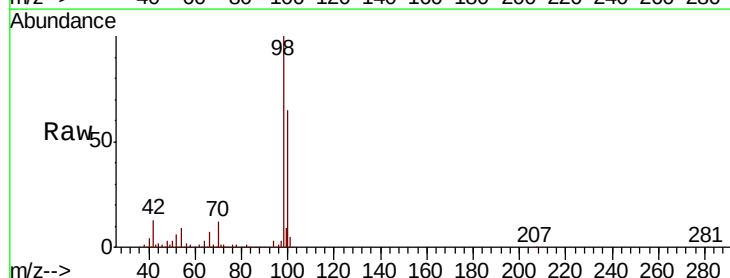
Acq: 18 Mar 2020 20:35

Tgt Ion: 98 Resp: 411639

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060565.D (-2567) (-)

250000

200000

150000

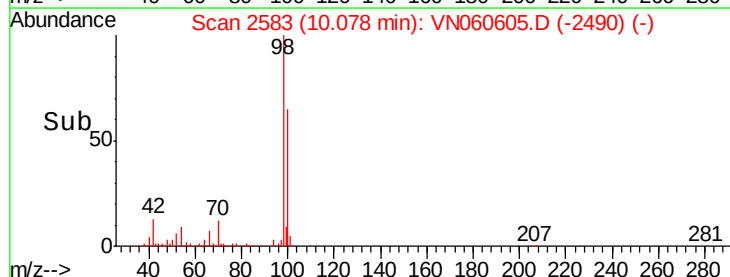
100000

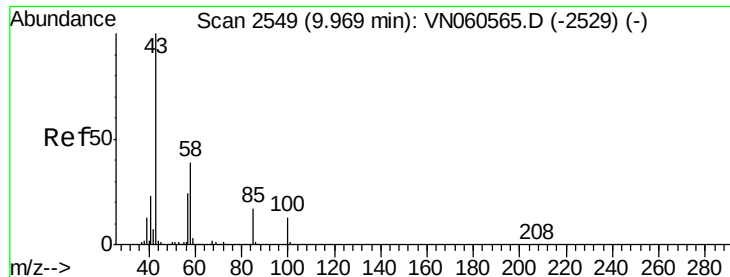
50000

0

10.00 10.10 10.20

Time-->

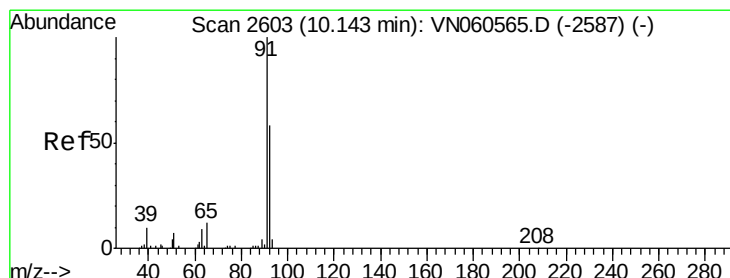
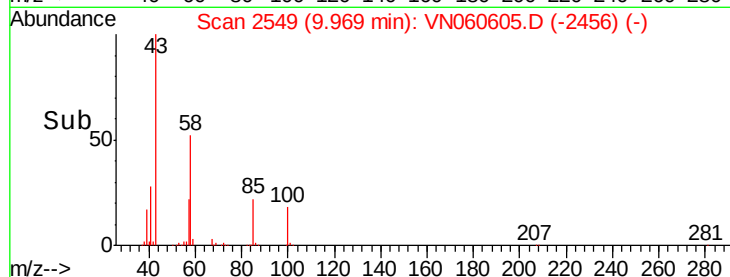
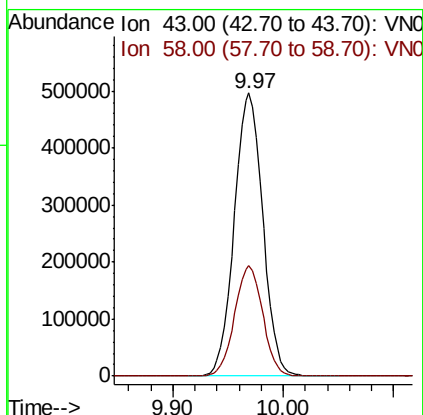
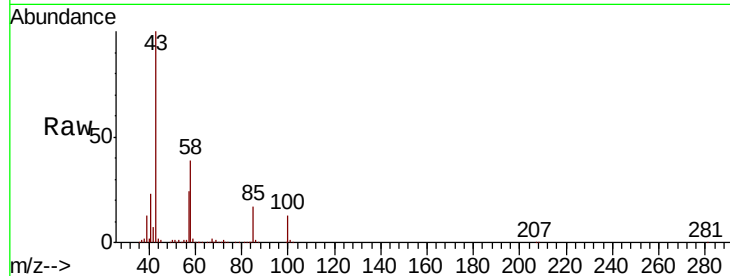




#51
 4-Methyl-2-Pentanone
 Concen: 259.877 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

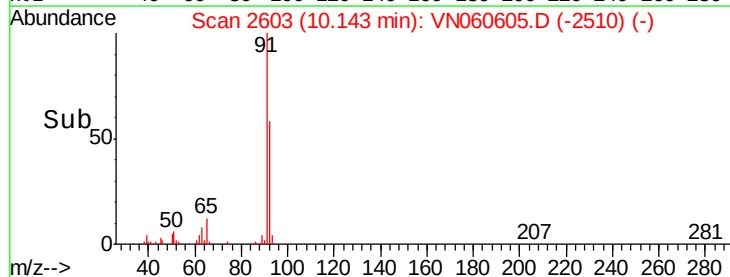
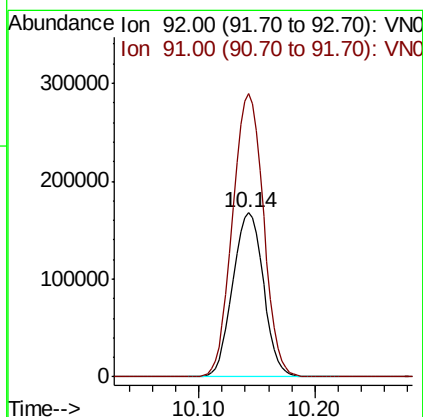
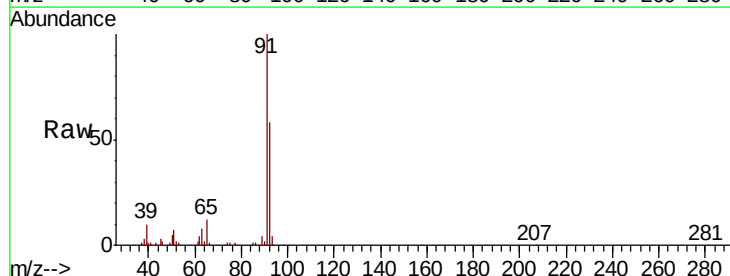
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

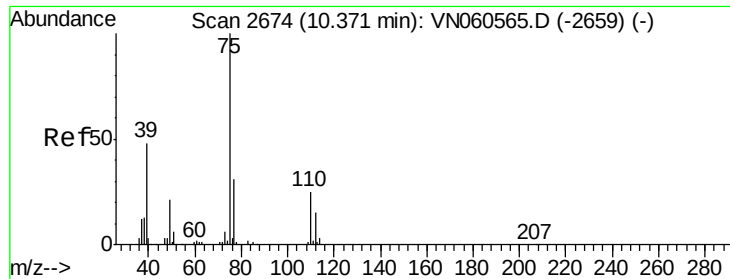
Tot Ion: 43 Resp: 888485
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.8 46.2



#52
 Toluene
 Concen: 50.188 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion: 92 Resp: 308495
 Ion Ratio Lower Upper
 92 100
 91 173.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.454 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampled :

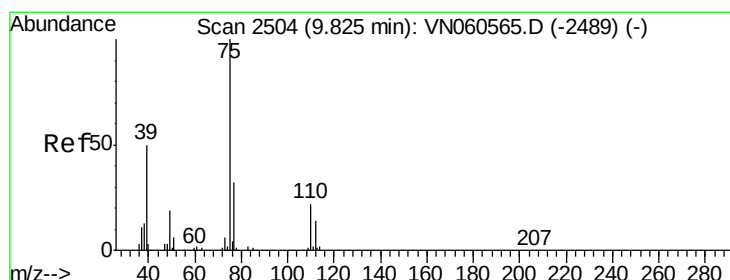
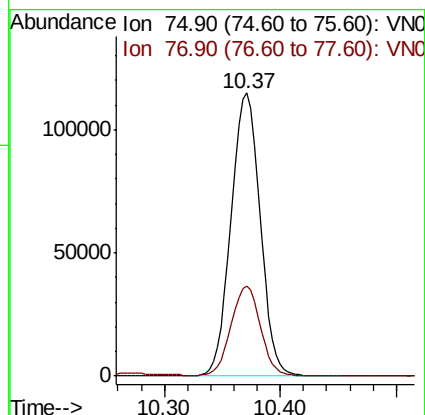
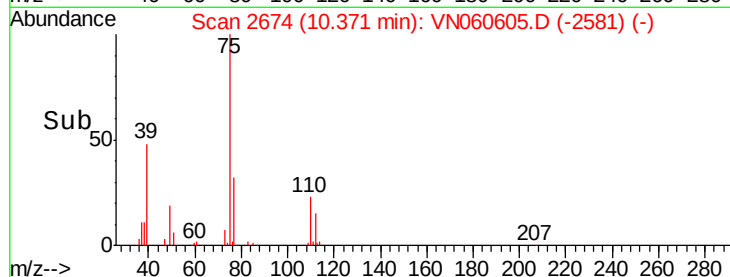
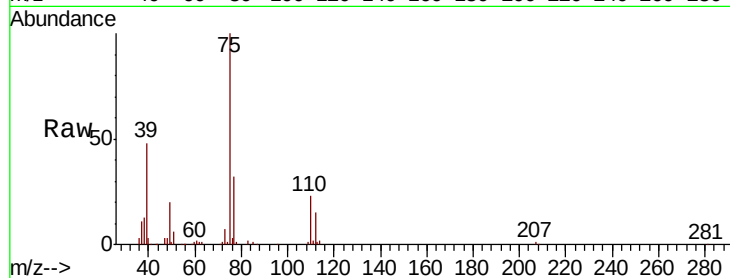
VSTDCCC050

Tot Ion: 75 Resp: 199410

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.541 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

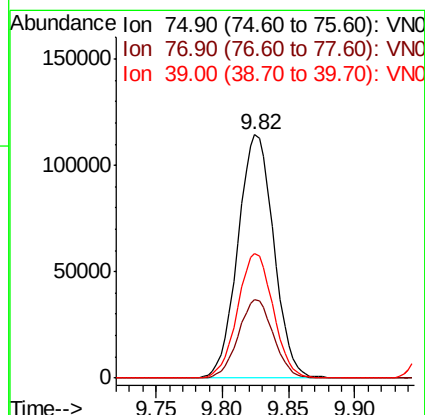
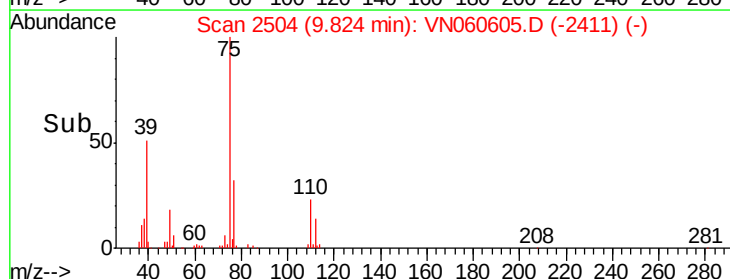
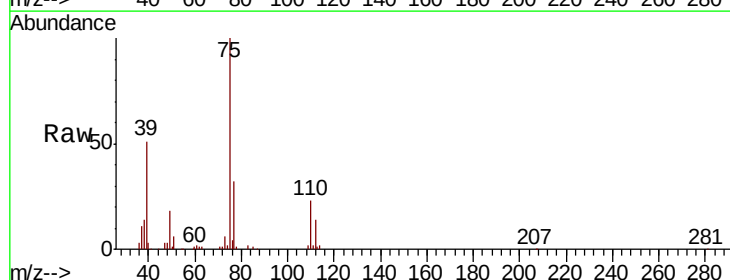
Tgt Ion: 75 Resp: 214881

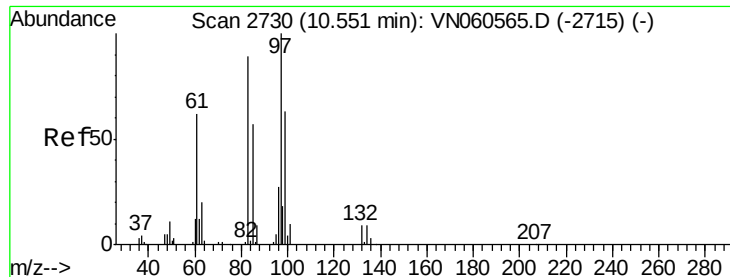
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 51.3 40.2 60.4



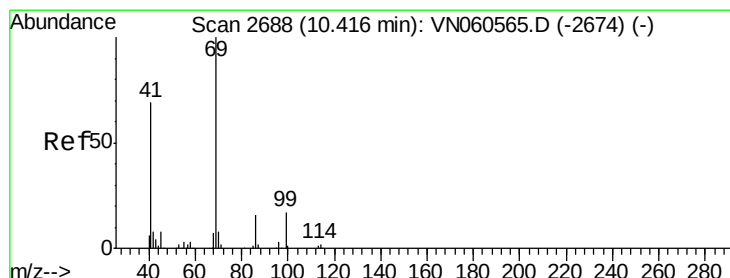
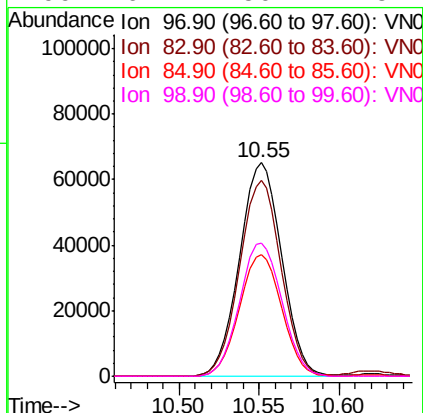
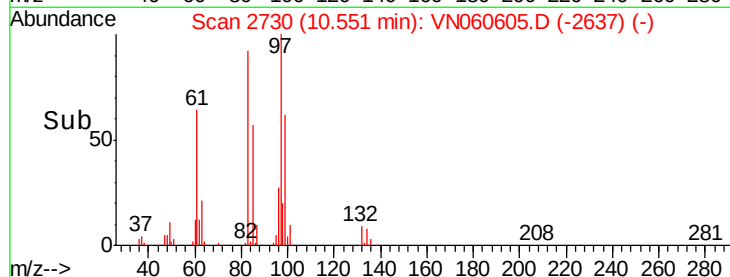
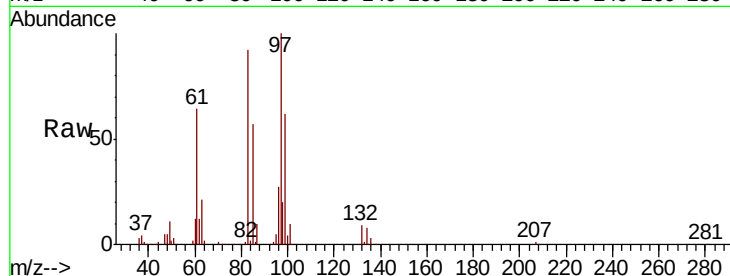


#55
 1,1,2-Trichloroethane
 Concen: 49.679 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 117478

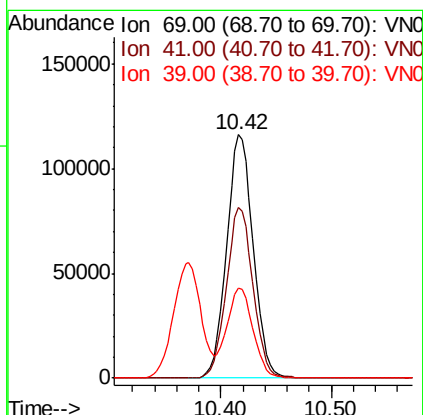
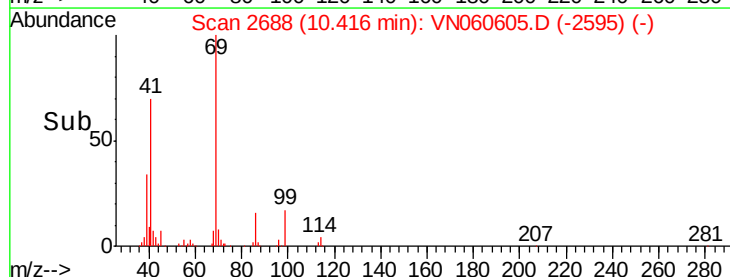
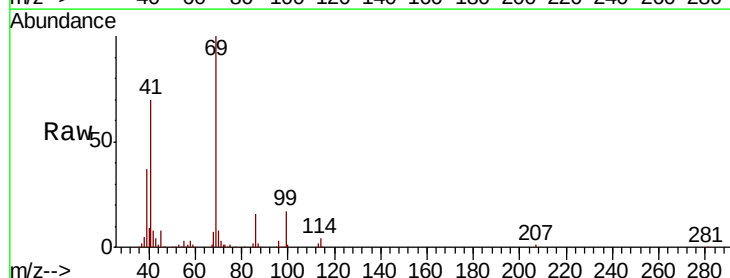
Ion	Ratio	Lower	Upper
97	100		
83	91.7	71.3	106.9
85	57.2	45.2	67.8
99	62.4	50.1	75.1

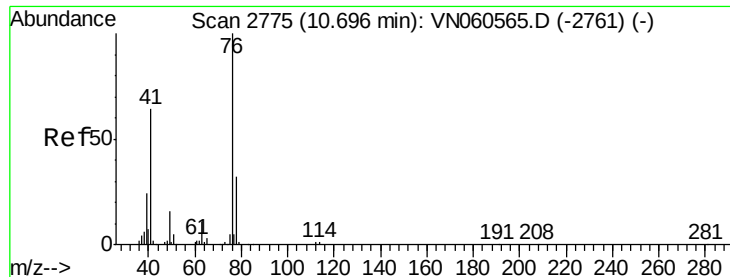


#56
 Ethyl methacrylate
 Concen: 52.518 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion: 69 Resp: 193646

Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.4	83.2
39	37.0	29.4	44.0





#57

1,3-Dichloropropane

Concen: 50.743 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

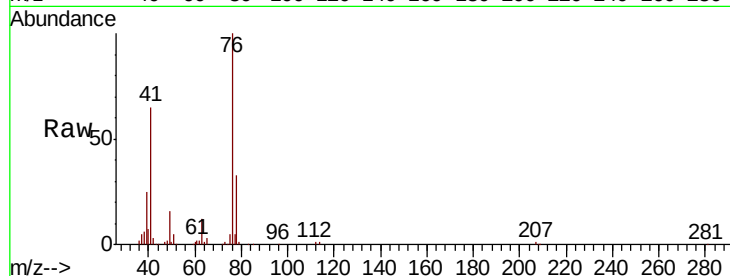
VSTDCCC050

Tot Ion: 76 Resp: 208226

Ion Ratio Lower Upper

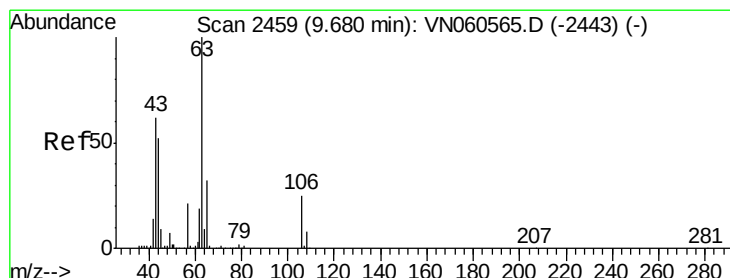
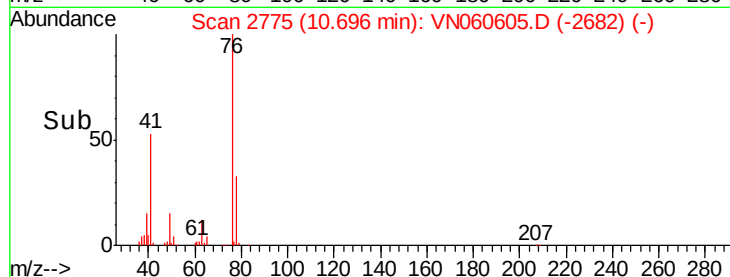
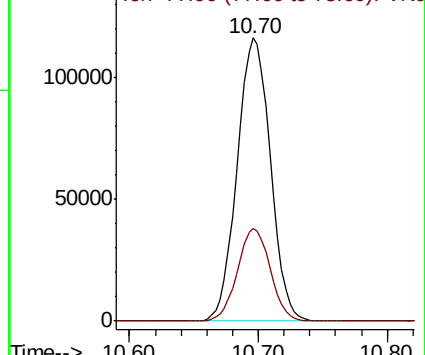
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 261.989 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060605.D

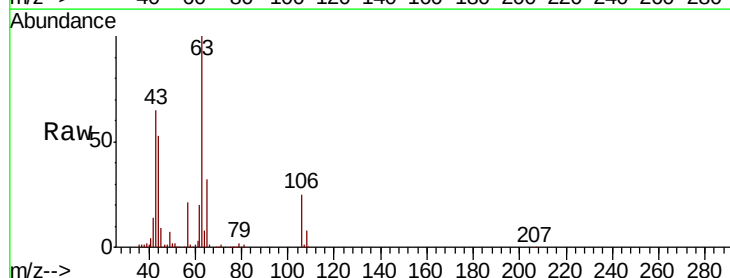
Acq: 18 Mar 2020 20:35

Tgt Ion: 63 Resp: 480115

Ion Ratio Lower Upper

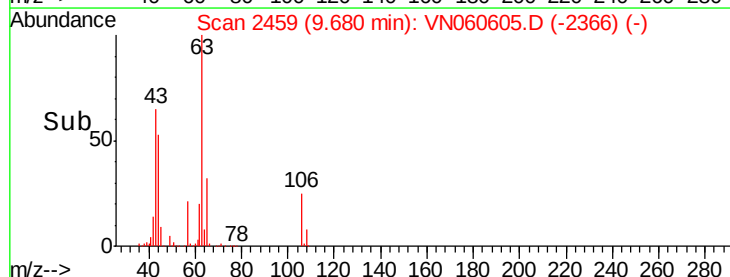
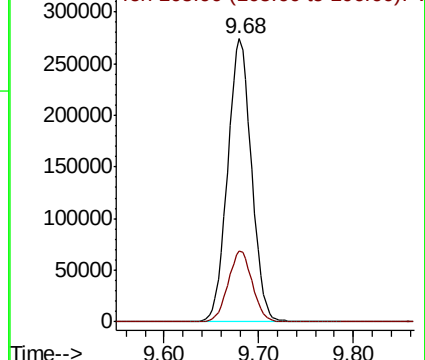
63 100

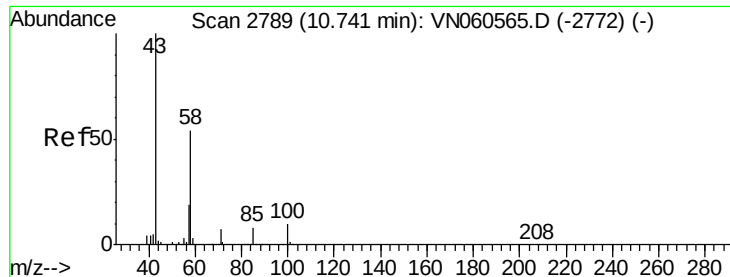
106 25.3 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

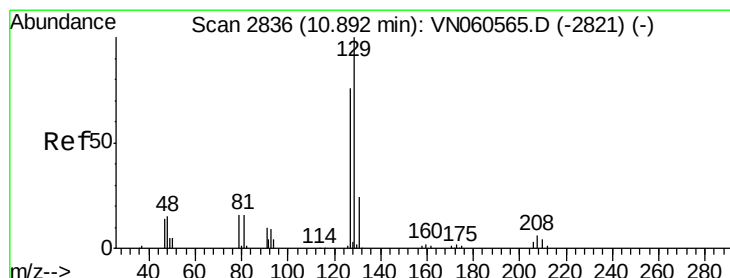
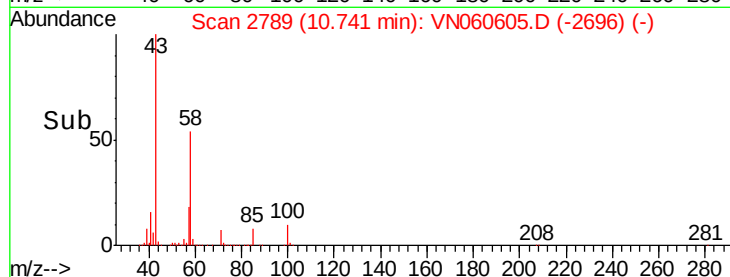
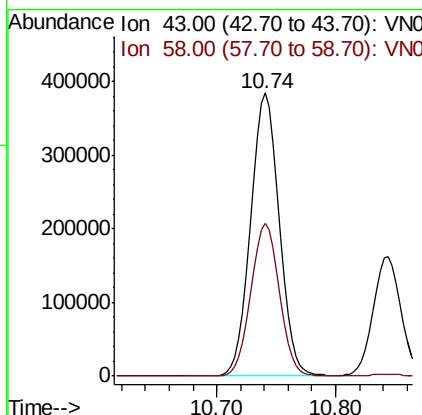
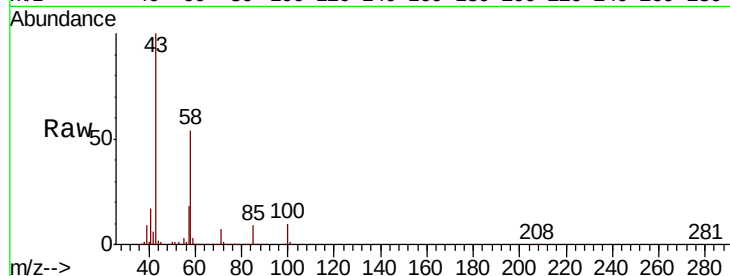




#59
2-Hexanone
Concen: 260.557 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

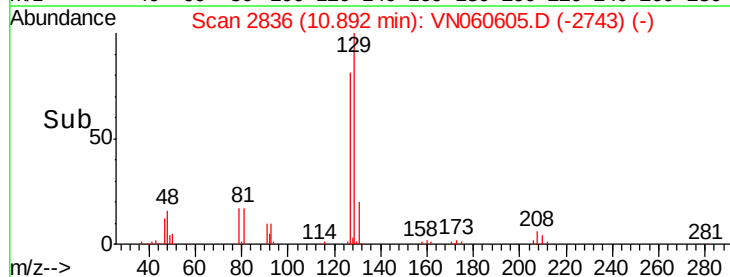
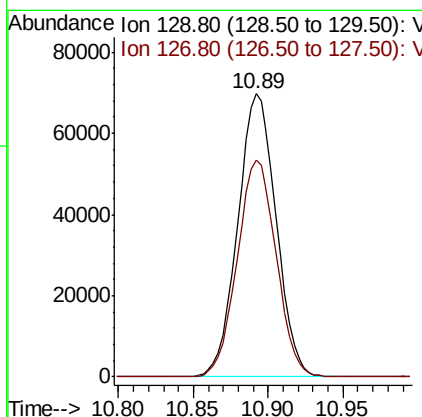
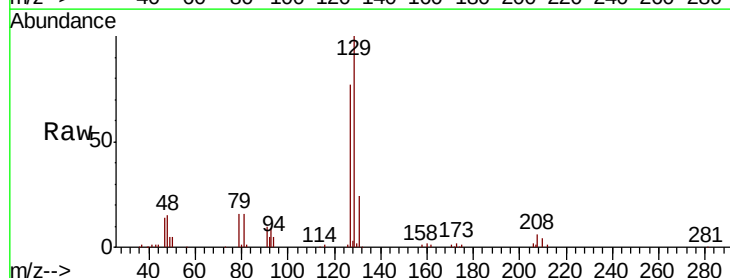
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

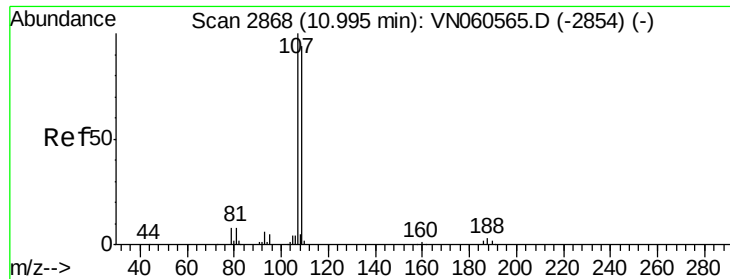
Tot Ion: 43 Resp: 641698
Ion Ratio Lower Upper
43 100
58 54.0 26.7 80.1



#60
Dibromochloromethane
Concen: 50.902 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 129 Resp: 124338
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

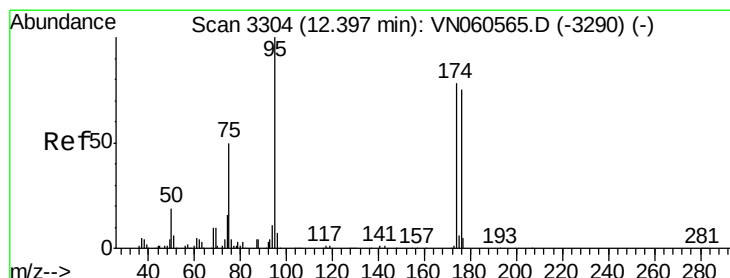
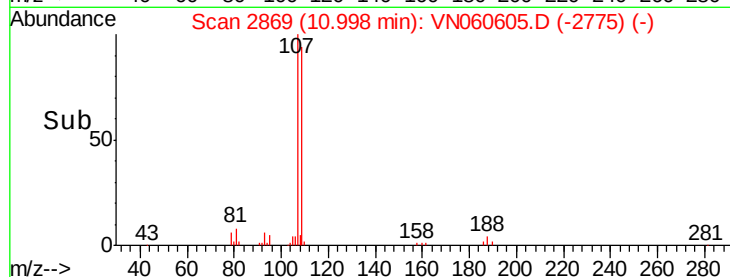
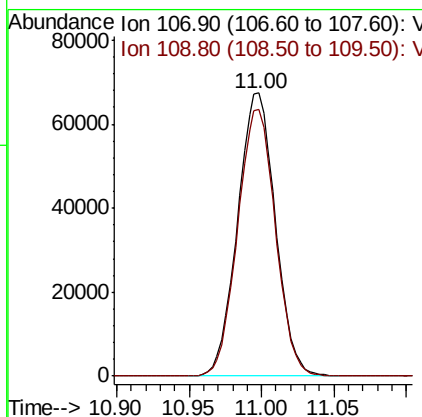
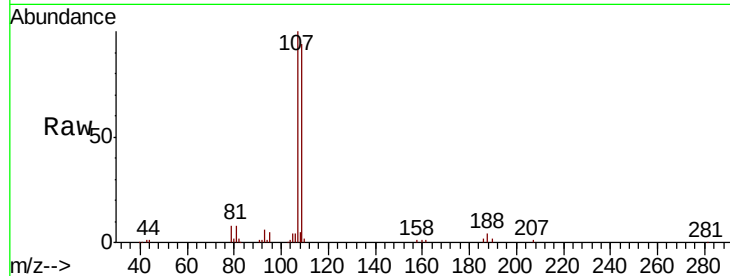




#61
 1,2-Dibromoethane
 Concen: 51.348 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

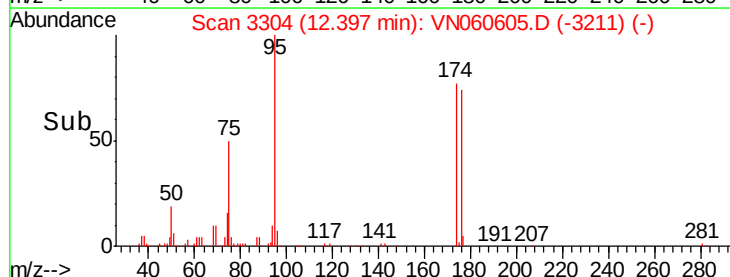
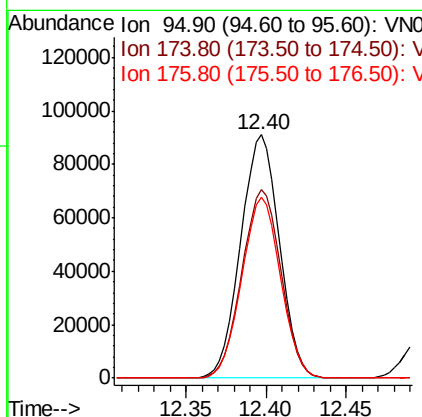
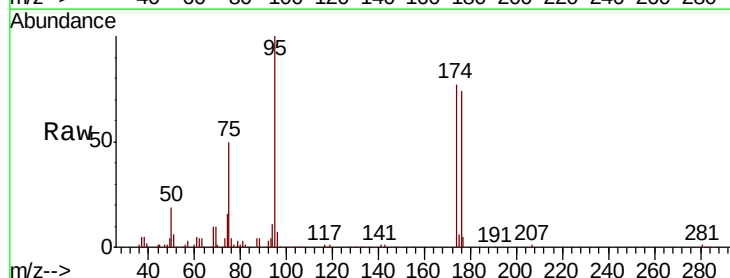
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

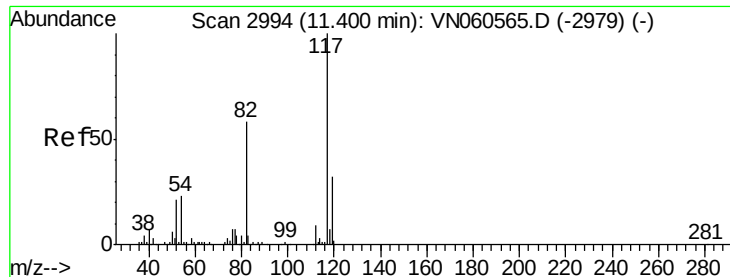
Tot Ion:107 Resp: 122099
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.788 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion: 95 Resp: 150612
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 157.6
 176 74.5 0.0 150.6

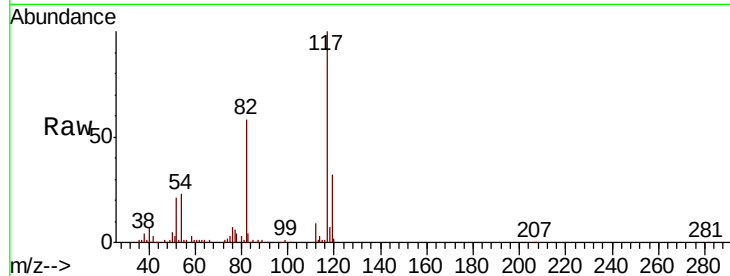




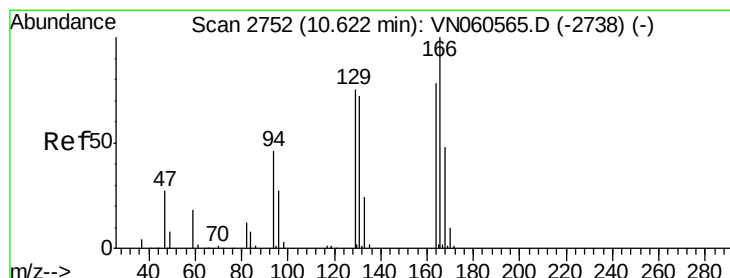
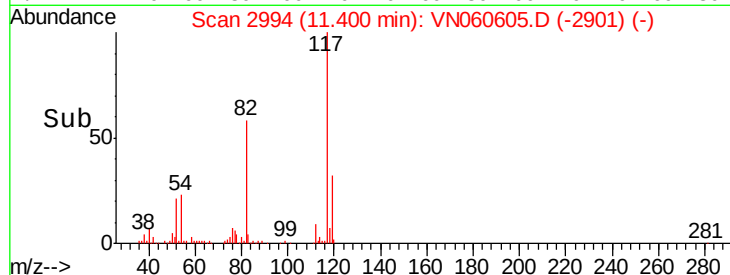
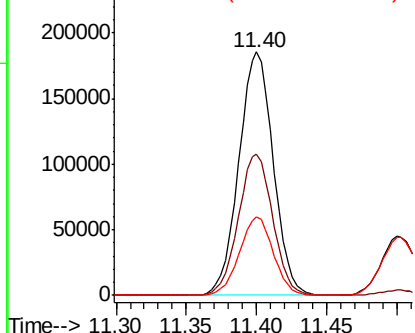
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 317207
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 32.2 25.5 38.3

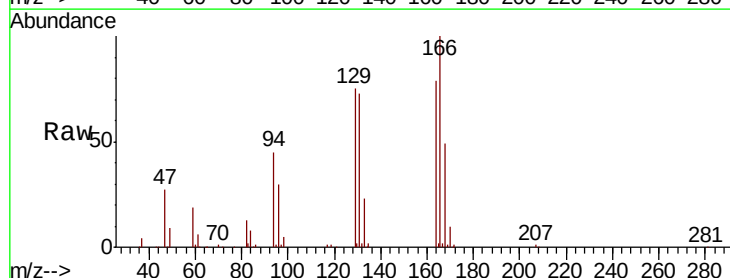


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

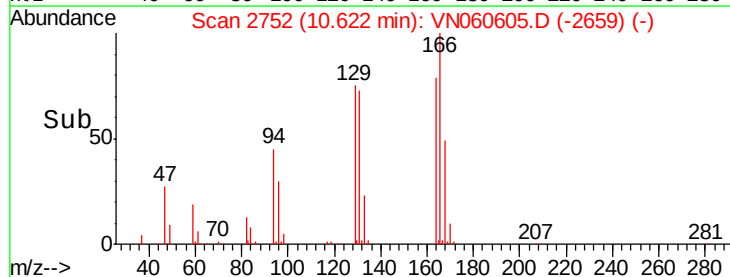
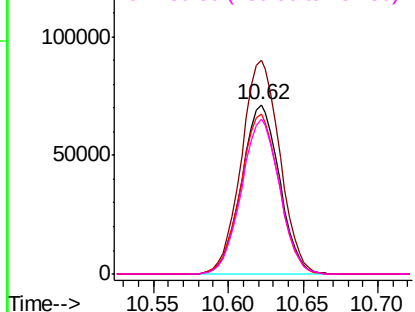


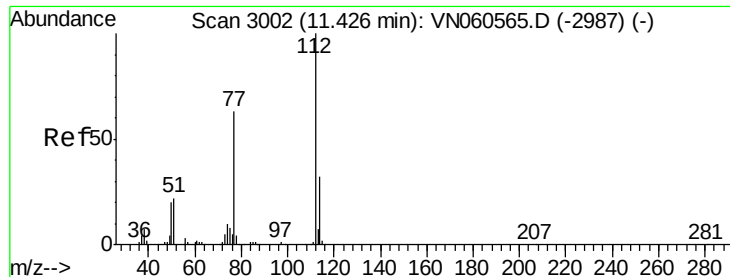
#64
Tetrachloroethene
Concen: 50.530 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion:164 Resp: 126130
Ion Ratio Lower Upper
164 100
166 126.0 102.7 154.1
129 94.1 77.2 115.8
131 91.5 73.8 110.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

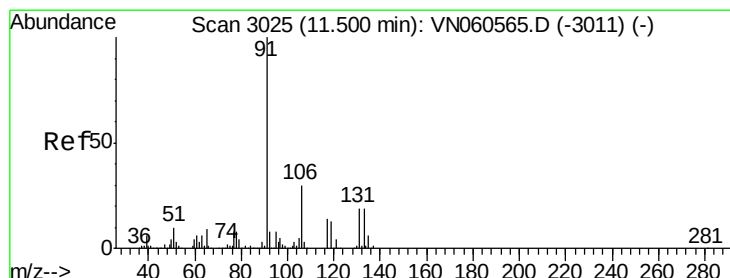
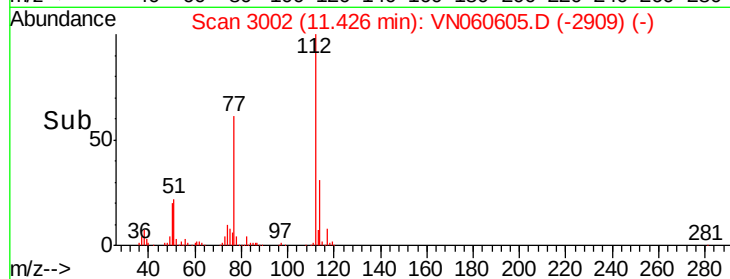
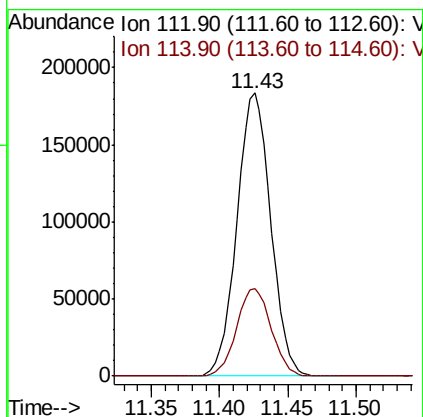
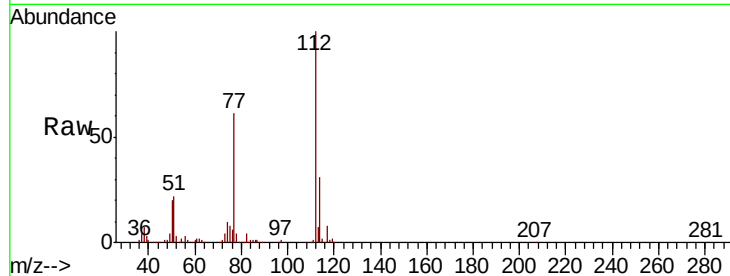




#65
Chlorobenzene
Concen: 50.214 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

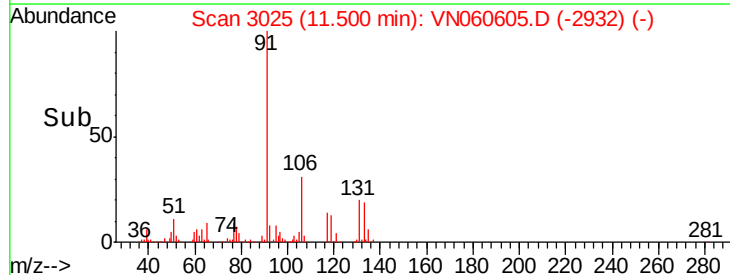
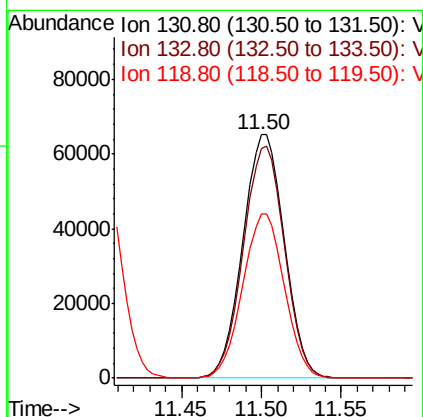
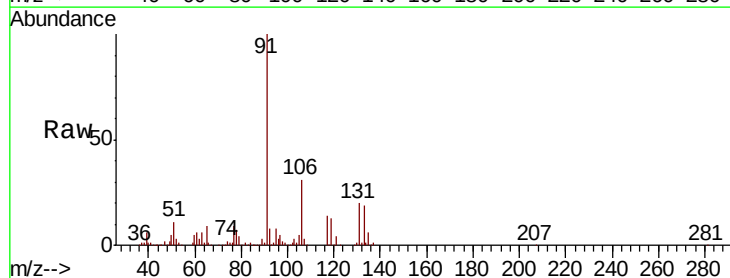
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

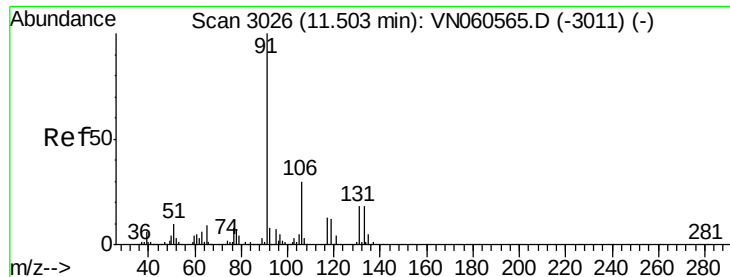
Tot Ion:112 Resp: 315763
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.715 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion:131 Resp: 115467
Ion Ratio Lower Upper
131 100
133 94.9 48.9 146.8
119 67.5 33.9 101.7

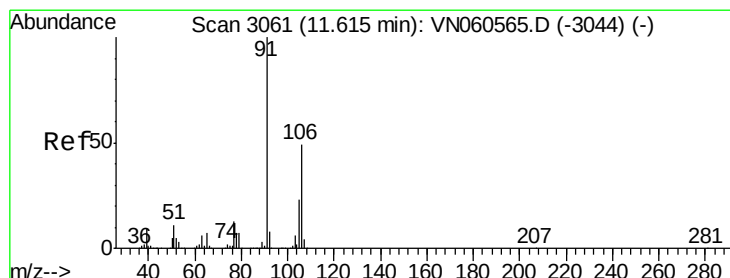
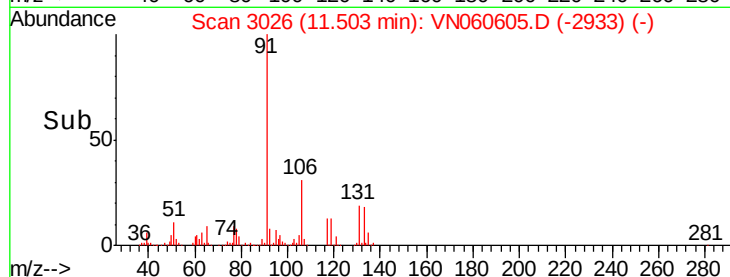
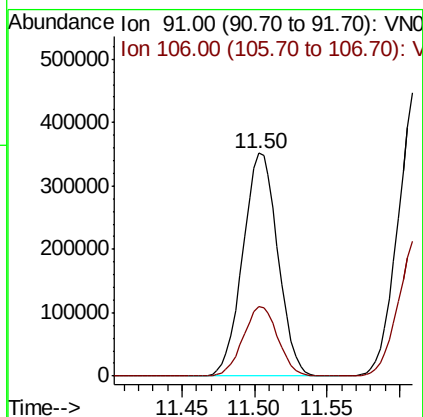
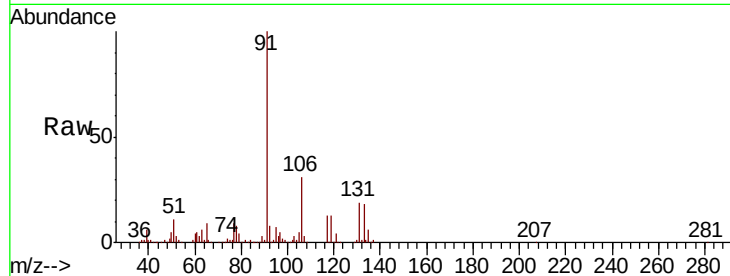




#67
Ethyl Benzene
Concen: 50.582 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

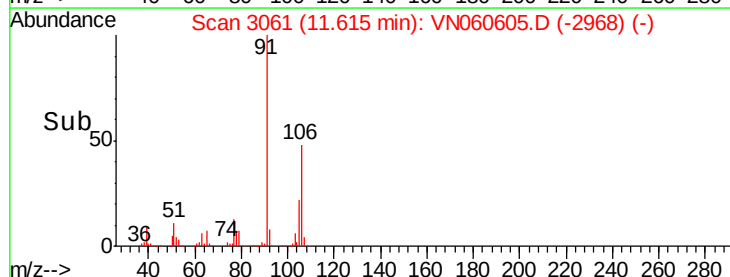
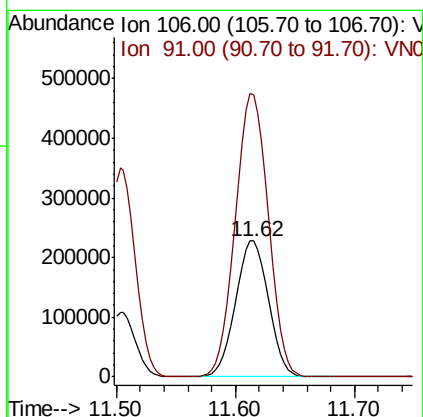
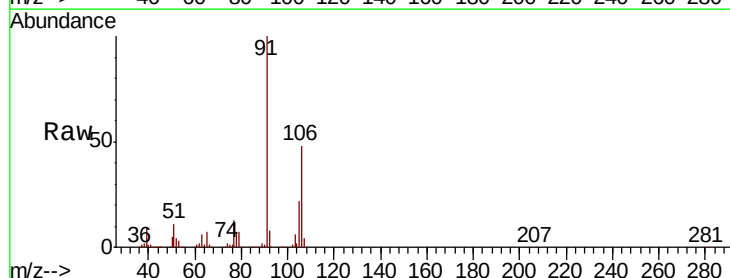
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

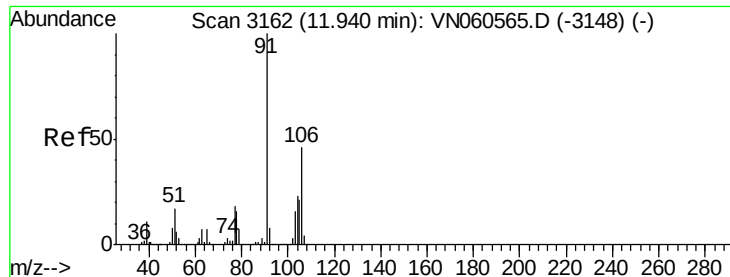
Tot Ion: 91 Resp: 591516
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2



#68
m/p-Xylenes
Concen: 100.621 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 106 Resp: 437258
Ion Ratio Lower Upper
106 100
91 208.6 165.0 247.4

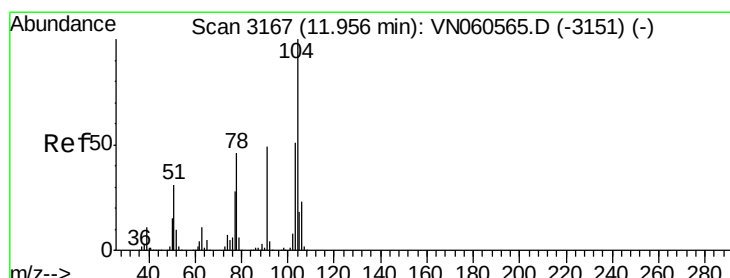
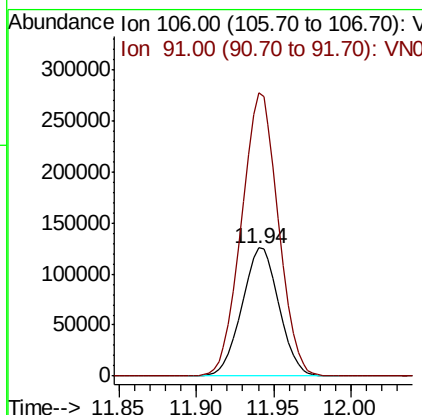
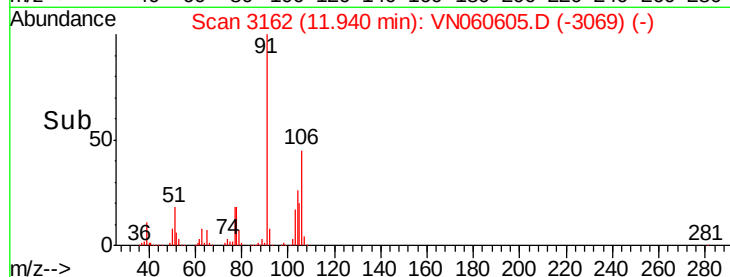
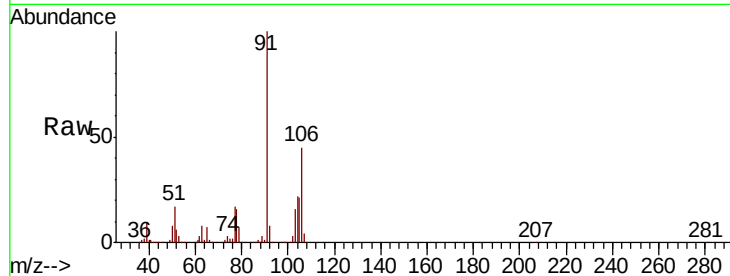




#69
o-Xylene
Concen: 50.594 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

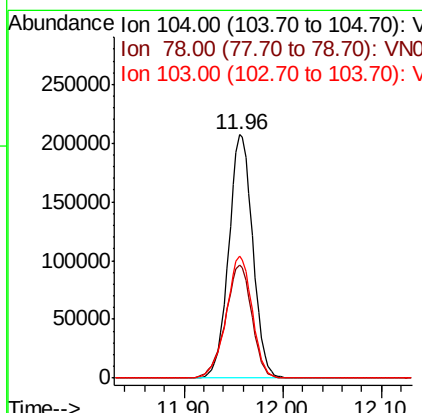
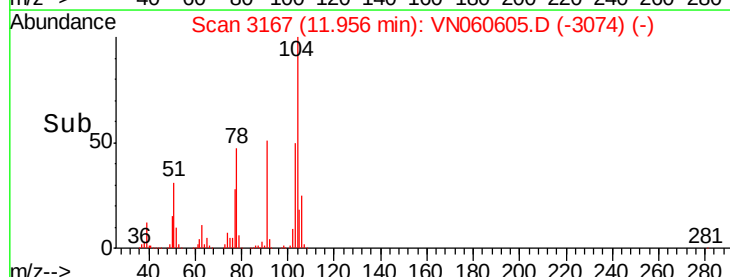
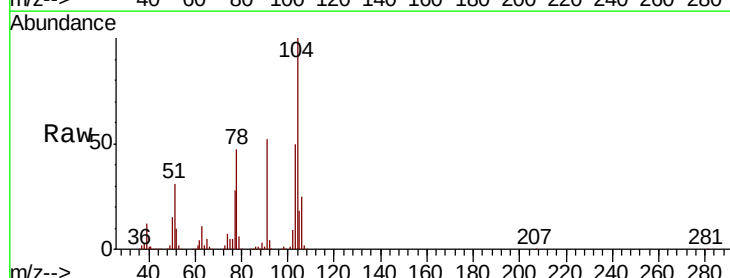
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

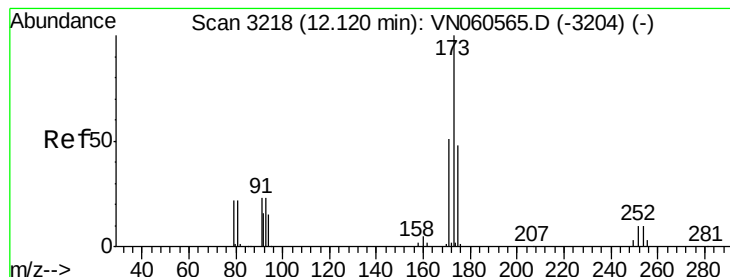
Tot Ion:106 Resp: 209884
Ion Ratio Lower Upper
106 100
91 218.6 109.5 328.4



#70
Styrene
Concen: 52.008 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion:104 Resp: 352857
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 54.0 44.0 66.0





#71

Bromoform

Concen: 47.688 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

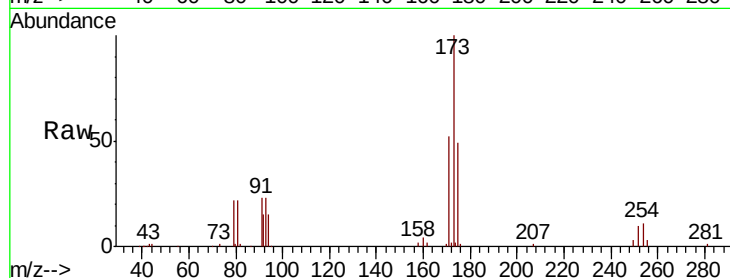
Tot Ion:173 Resp: 90089

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

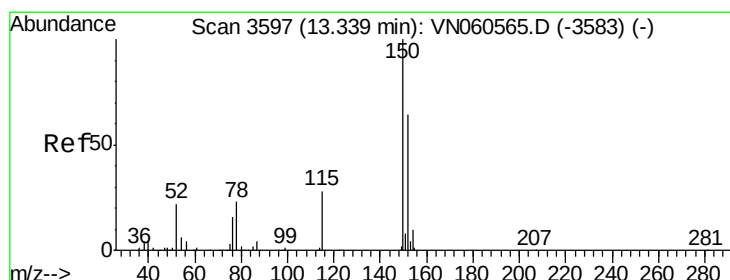
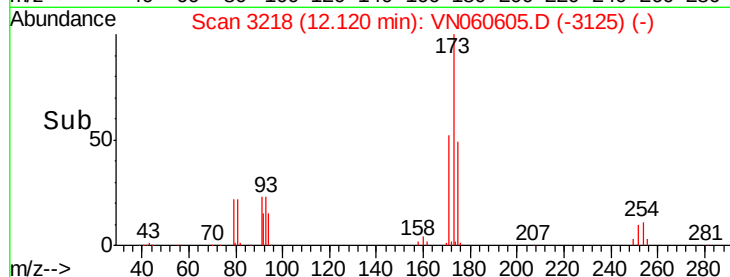
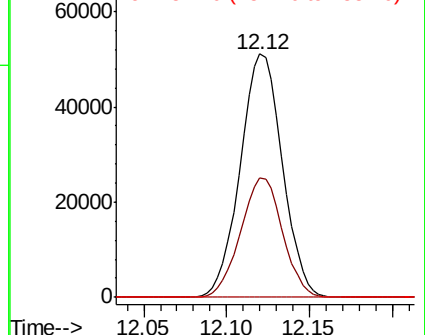
254 0.0 0.0 0.0



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# 3597

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

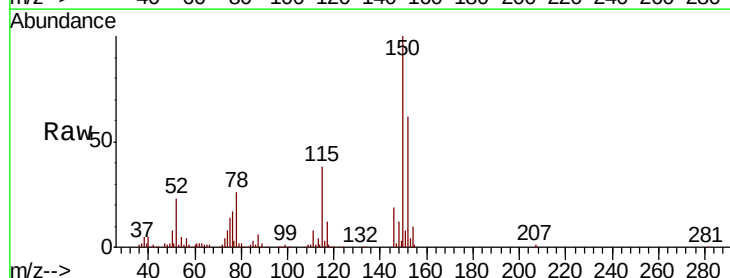
Tgt Ion:152 Resp: 147805

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

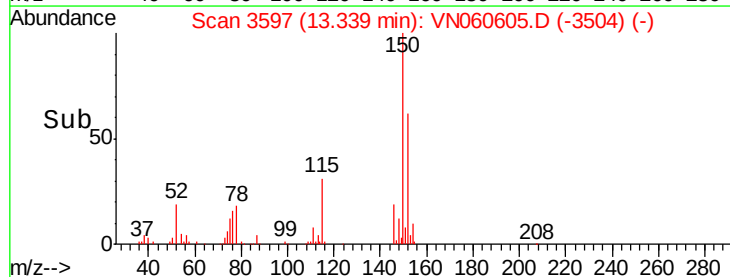
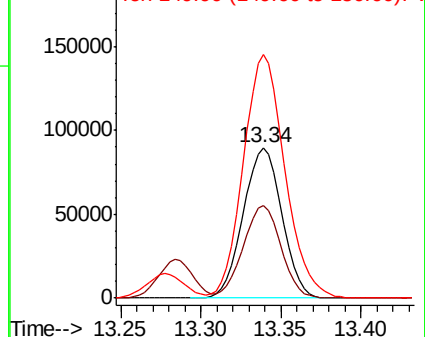
150 174.6 0.0 350.2

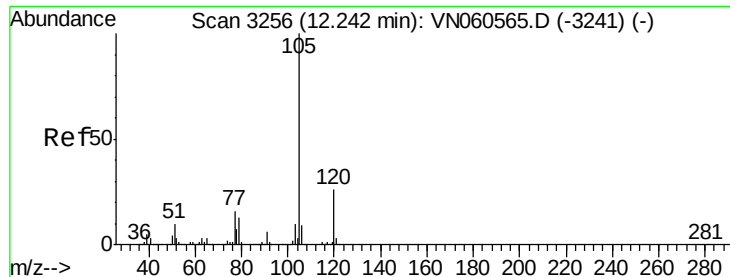


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.959 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

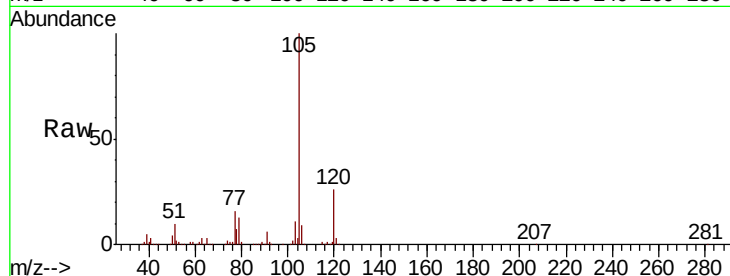
VSTDCCC050

Tot Ion:105 Resp: 565240

Ion Ratio Lower Upper

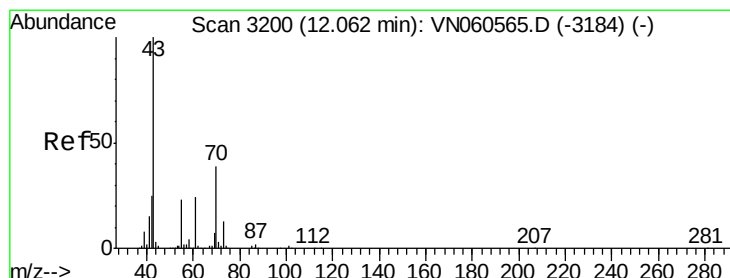
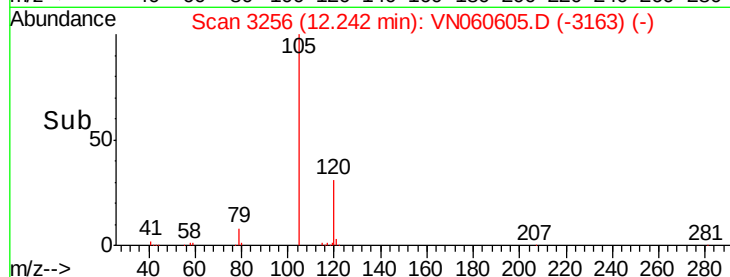
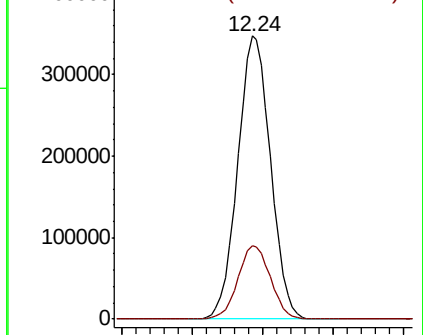
105 100

120 25.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.361 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Tgt Ion: 43 Resp: 263252

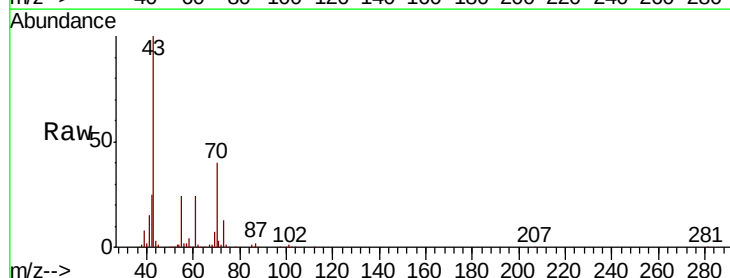
Ion Ratio Lower Upper

43 100

70 39.7 31.1 46.7

55 23.8 18.6 27.8

61 23.6 18.9 28.3

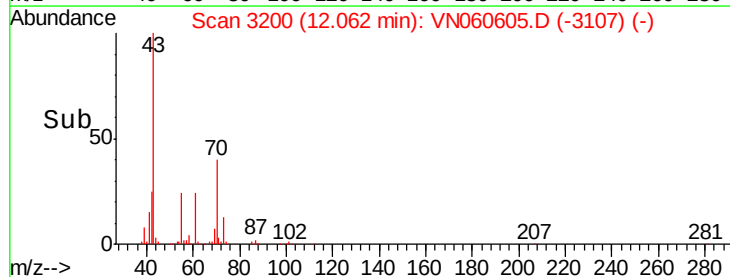
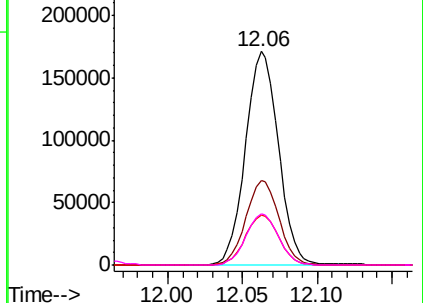


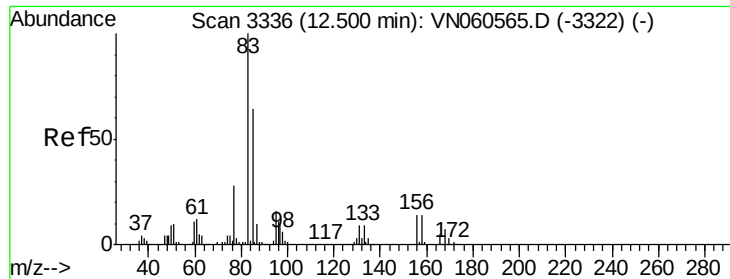
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.198 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

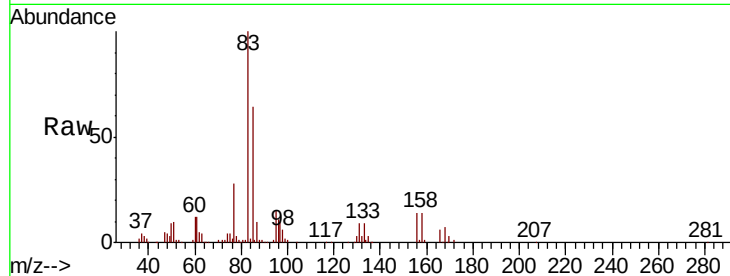
Tot Ion: 83 Resp: 168382

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

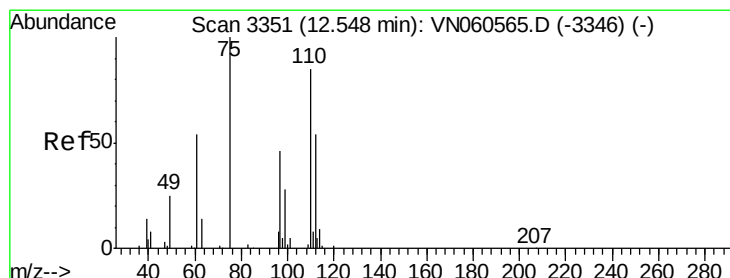
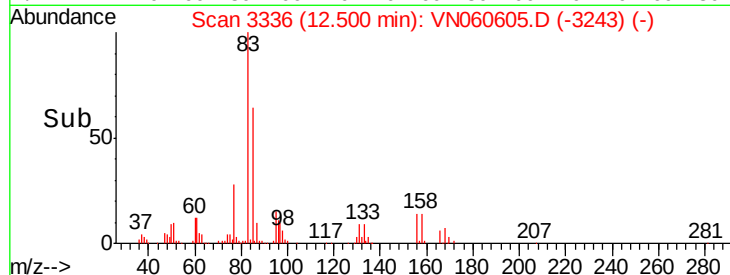
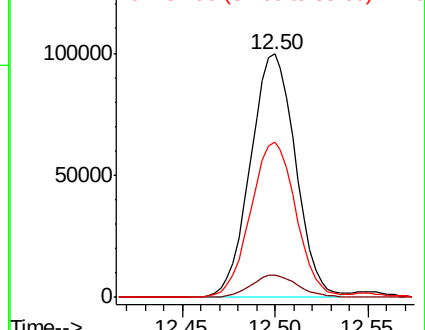
85 64.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060605.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060605.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060605.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 72.912 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060605.D

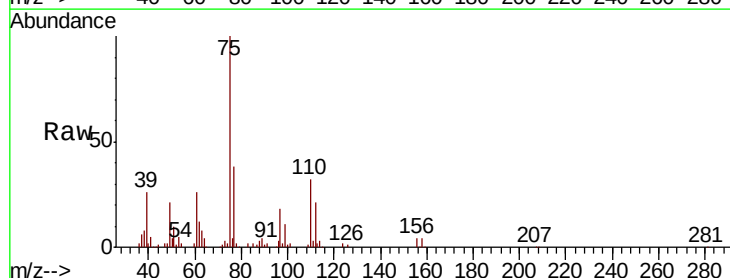
Acq: 18 Mar 2020 20:35

Tgt Ion: 75 Resp: 232539

Ion Ratio Lower Upper

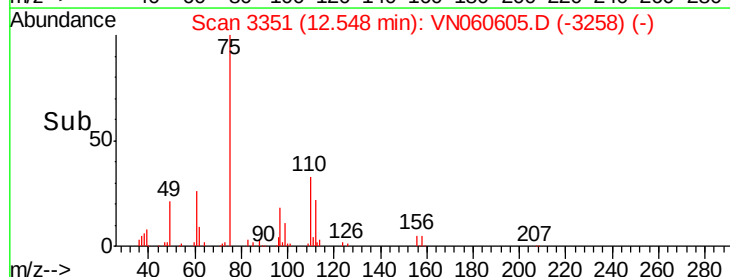
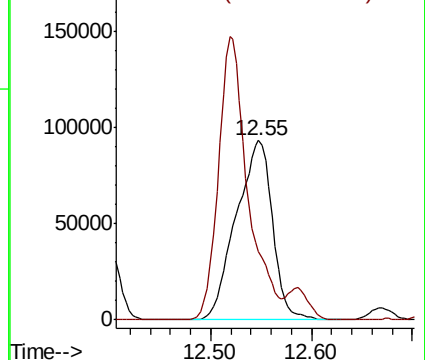
75 100

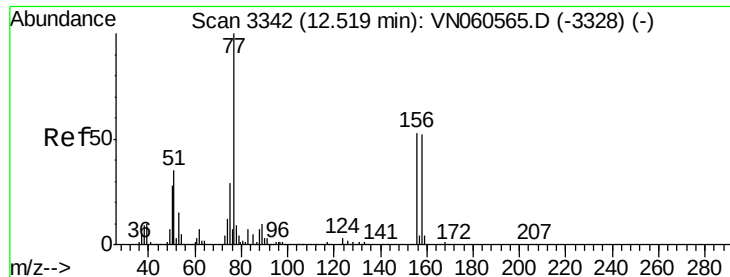
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060605.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060605.D (-3346) (-)





#77

Bromobenzene

Concen: 50.259 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

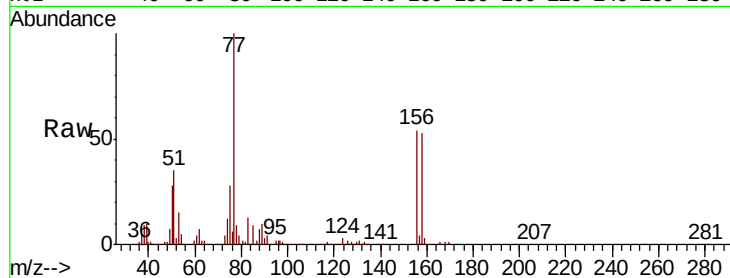
Tot Ion:156 Resp: 134334

Ion Ratio Lower Upper

156 100

77 221.7 112.3 337.0

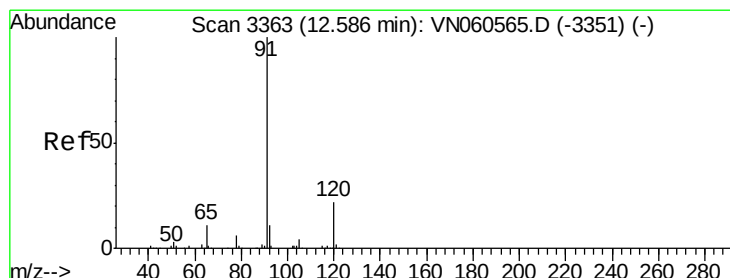
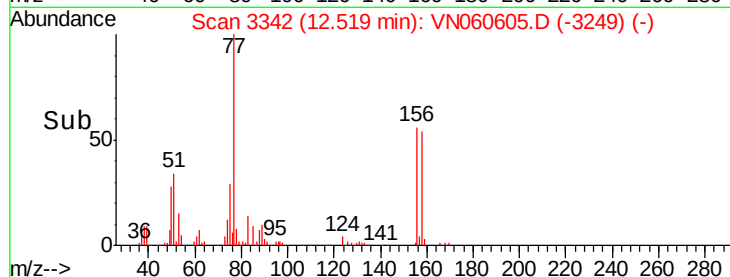
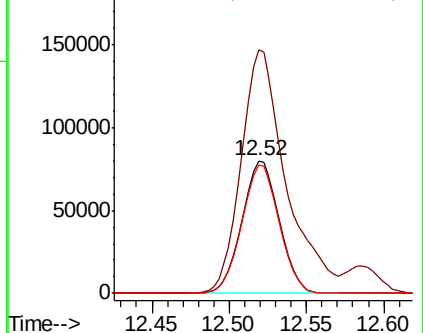
158 97.1 48.6 145.8



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: 50.688 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060605.D

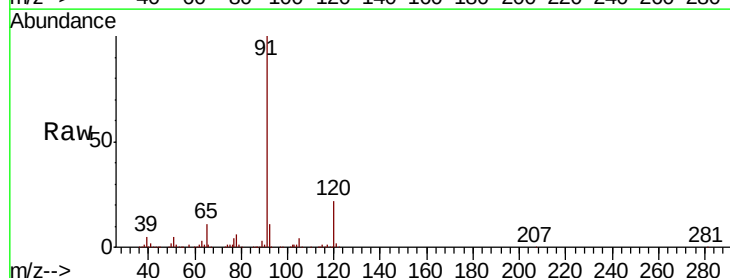
Acq: 18 Mar 2020 20:35

Tgt Ion: 91 Resp: 664249

Ion Ratio Lower Upper

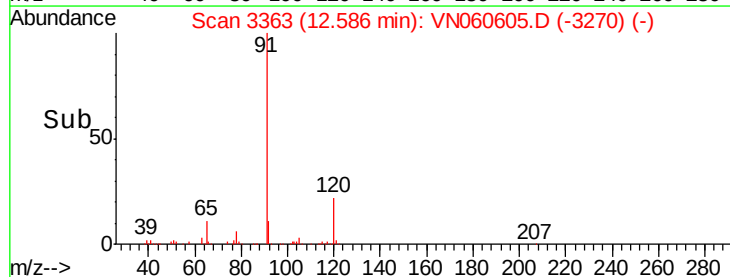
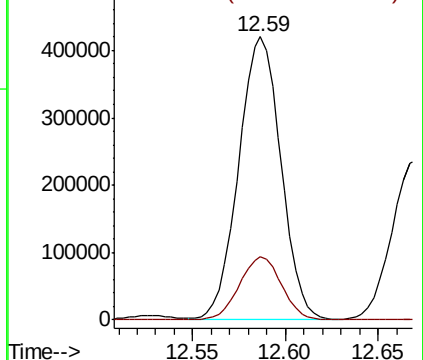
91 100

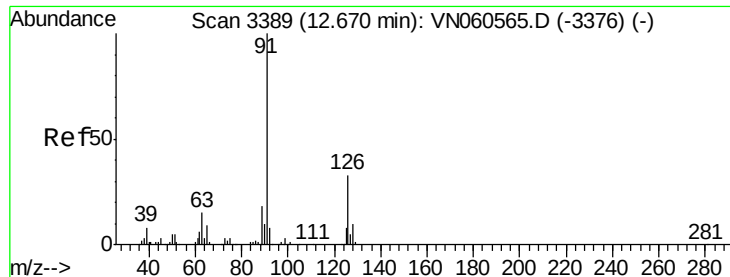
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

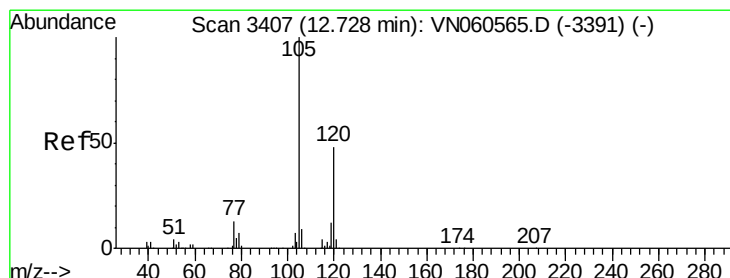
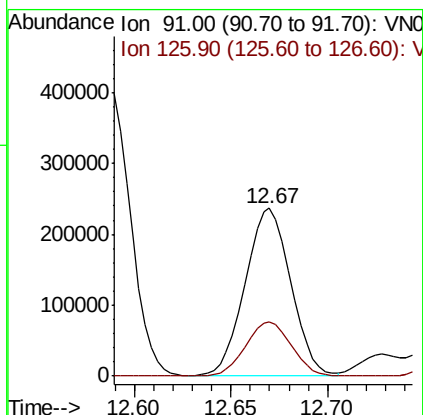
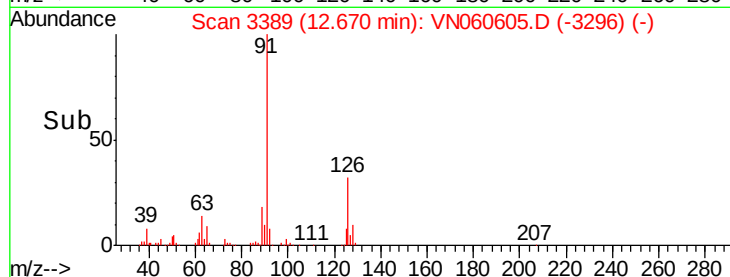
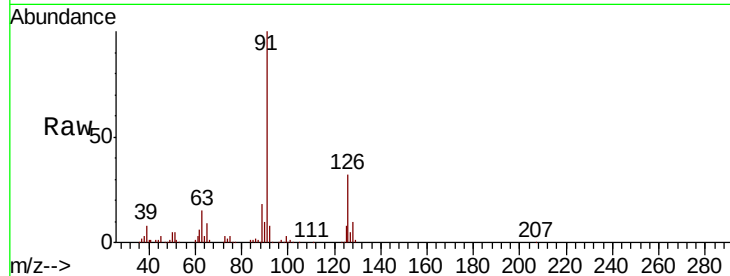




#79
 2-Chlorotoluene
 Concen: 49.614 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

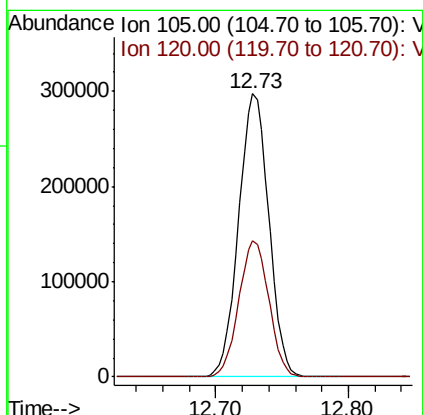
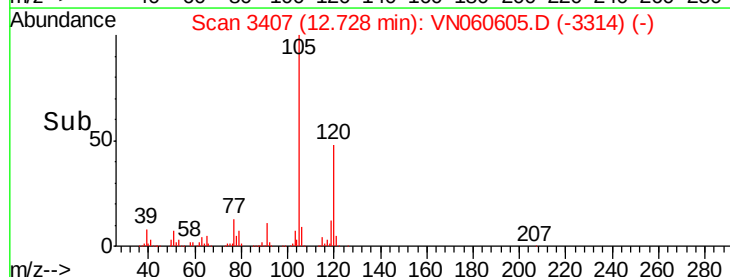
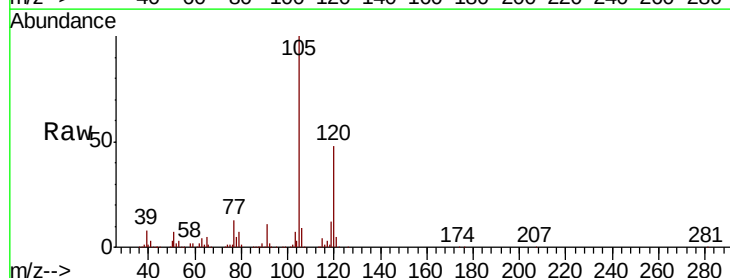
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

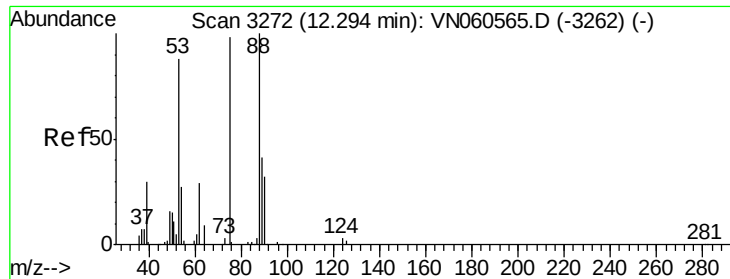
Tot Ion: 91 Resp: 388482
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.948 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion: 105 Resp: 470161
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.7

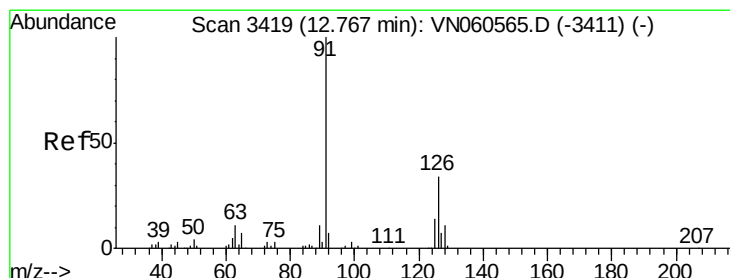
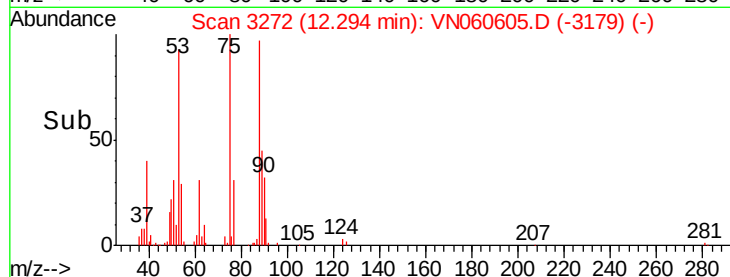
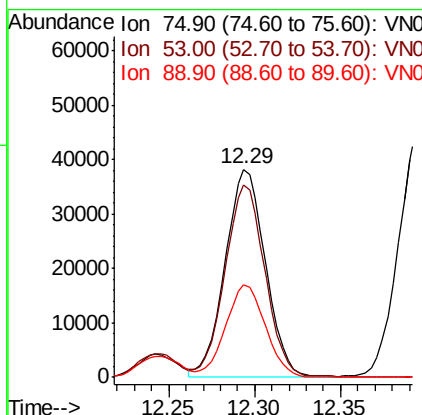
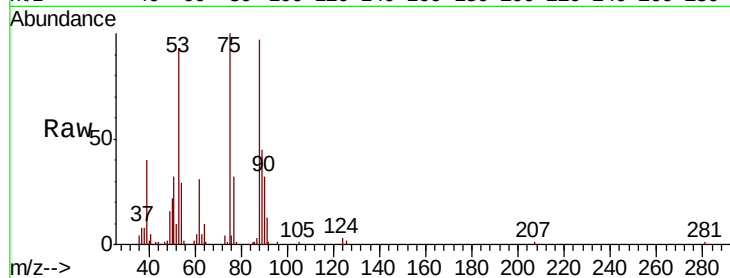




#81
trans-1,4-Dichloro-2-butene
Concen: 50.347 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

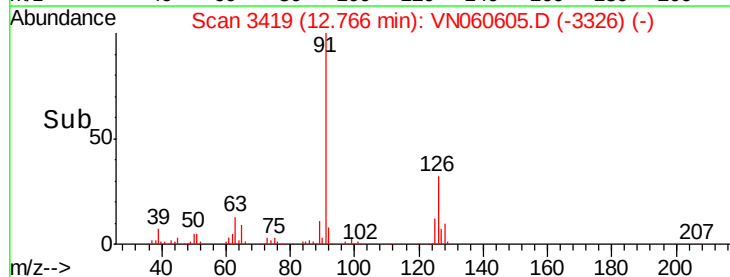
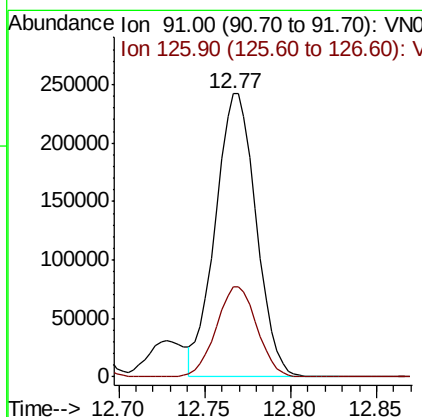
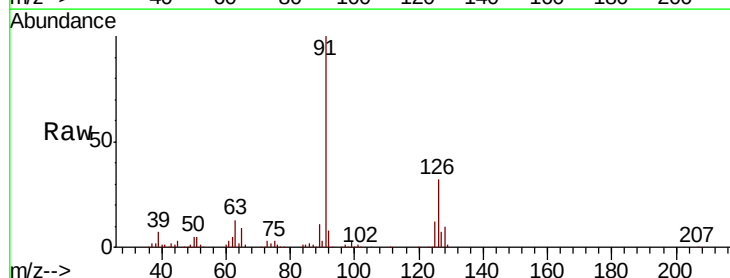
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

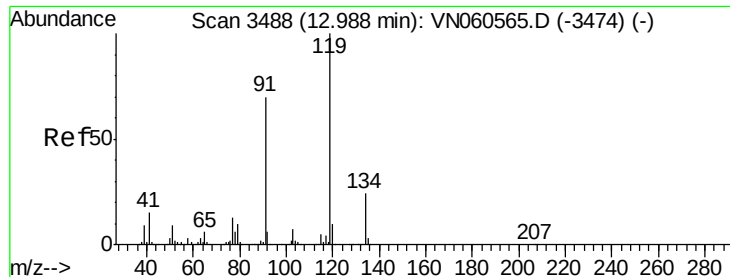
Tot Ion: 75 Resp: 62521
Ion Ratio Lower Upper
75 100
53 91.9 73.0 109.4
89 43.7 34.8 52.2



#82
4-Chlorotoluene
Concen: 50.229 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 91 Resp: 400568
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.5

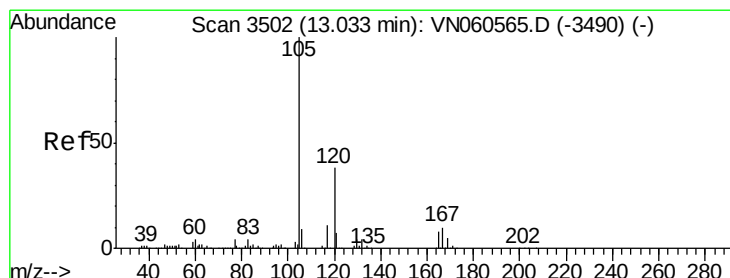
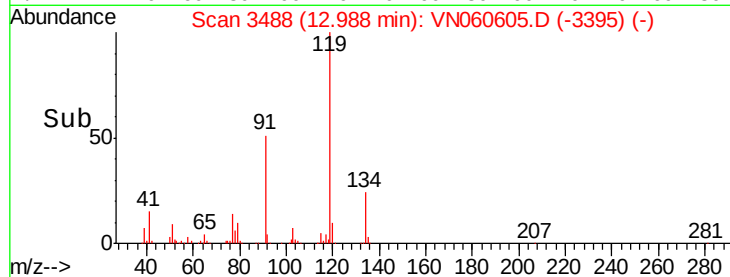
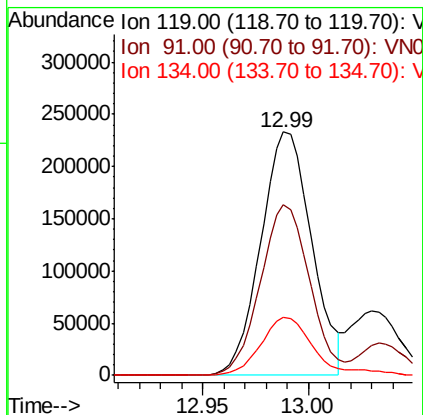
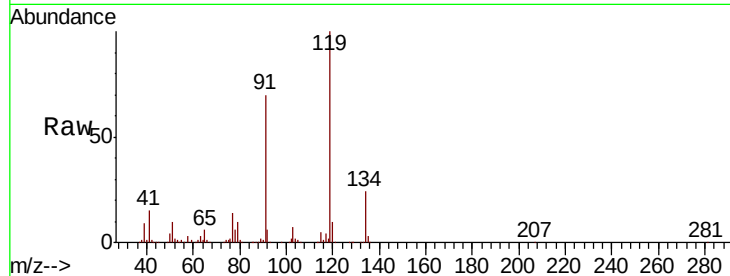




#83
 tert-Butylbenzene
 Concen: 50.197 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

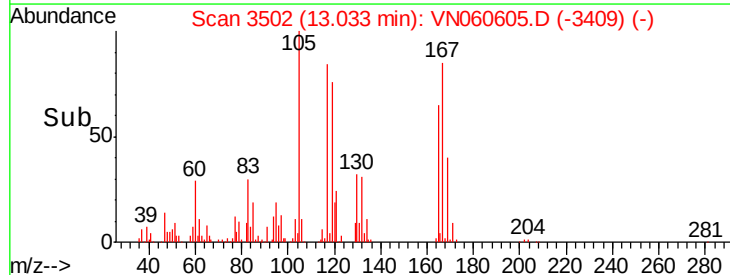
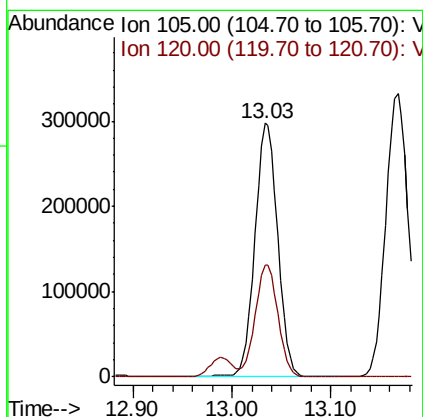
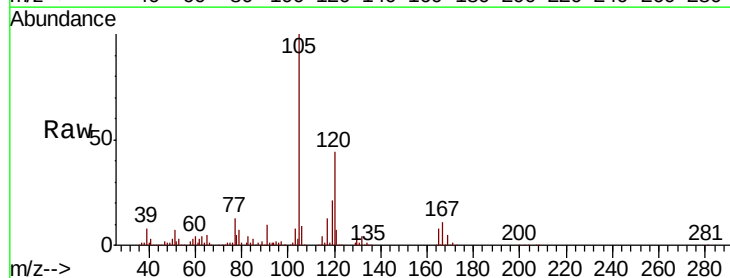
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

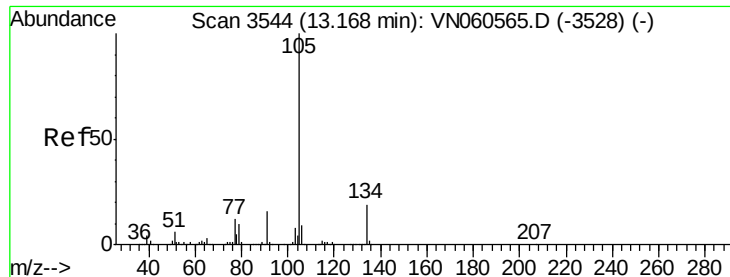
Tot Ion:119 Resp: 391693
 Ion Ratio Lower Upper
 119 100
 91 68.1 34.0 101.8
 134 25.0 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.644 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion:105 Resp: 471622
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 50.052 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

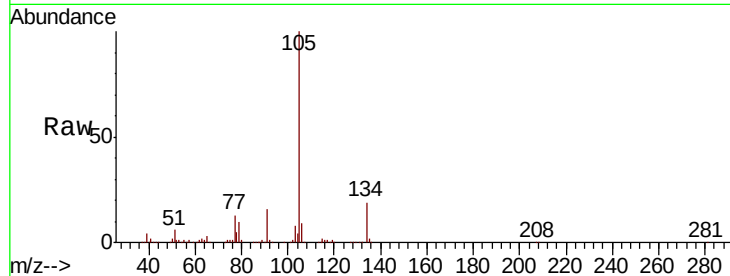
VSTDCCC050

Tot Ion:105 Resp: 525198

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

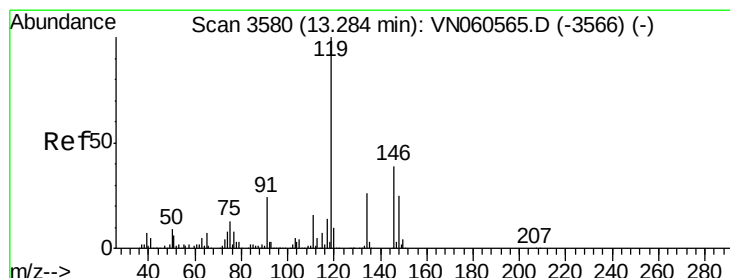
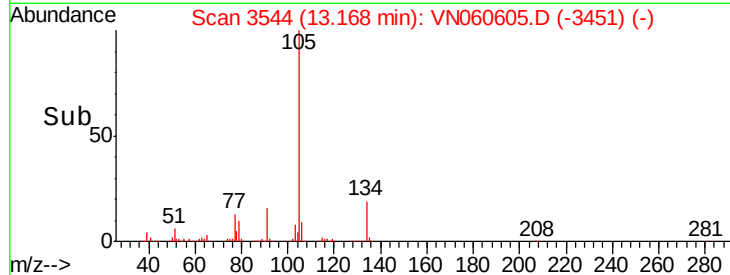
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.121 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

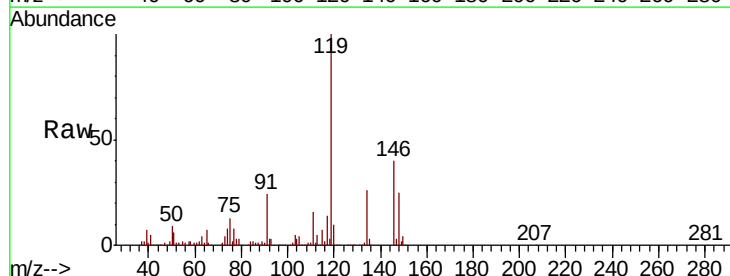
Tgt Ion:119 Resp: 472917

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.1 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

400000

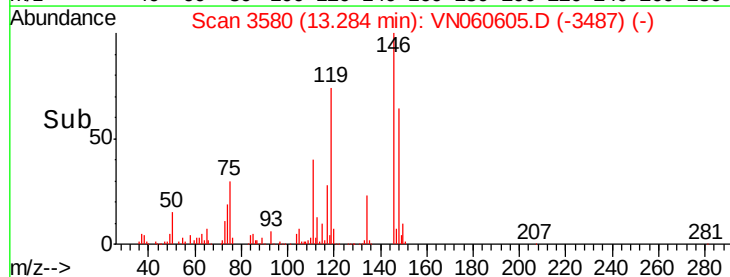
300000

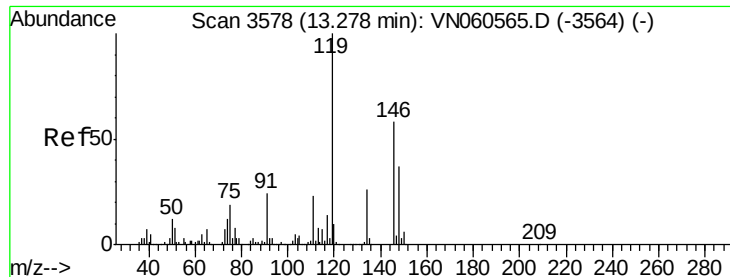
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.422 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

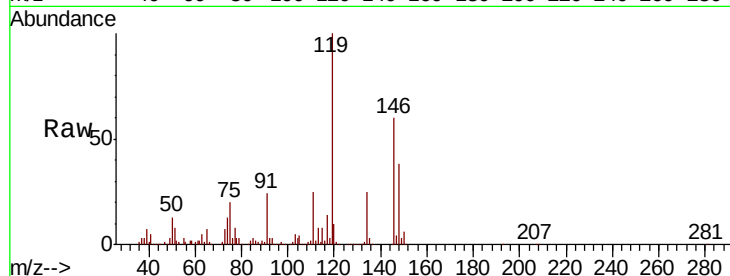
Tot Ion:146 Resp: 237696

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

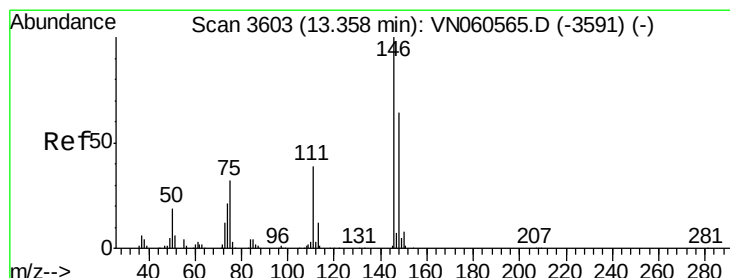
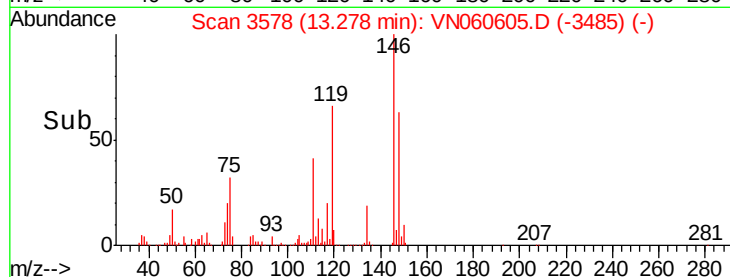
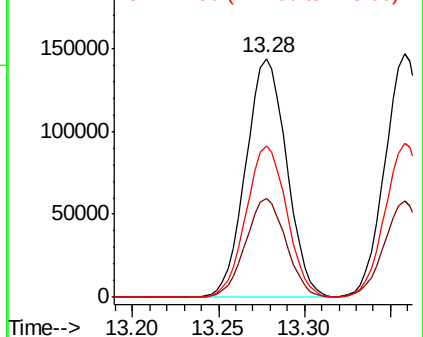
148 63.3 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.948 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

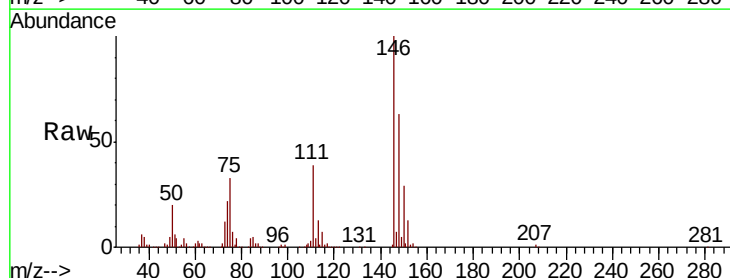
Tgt Ion:146 Resp: 236563

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

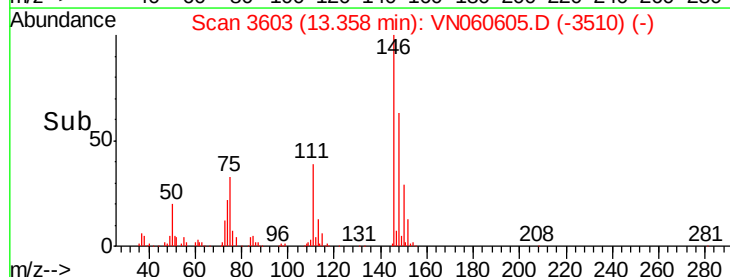
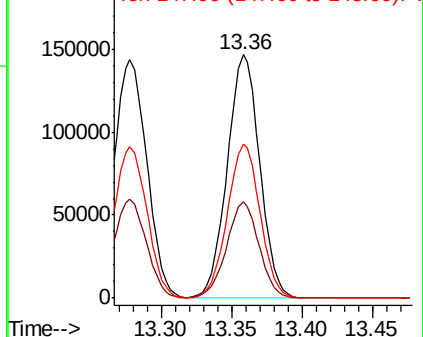
148 63.7 32.1 96.3

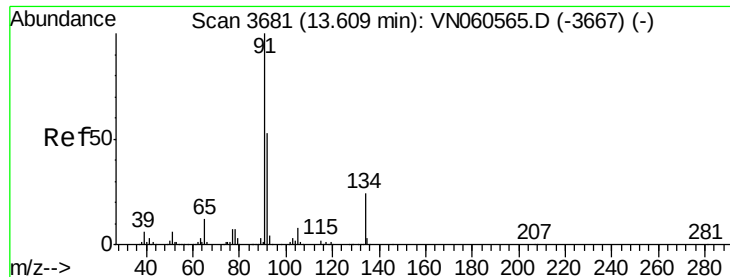


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

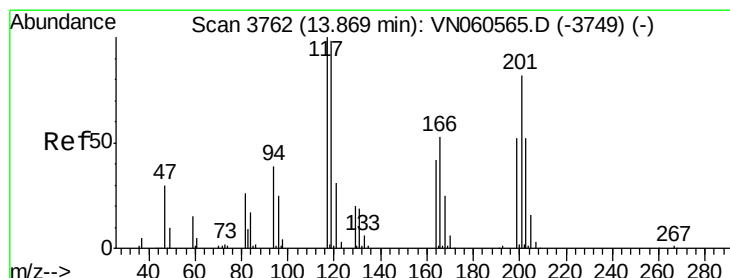
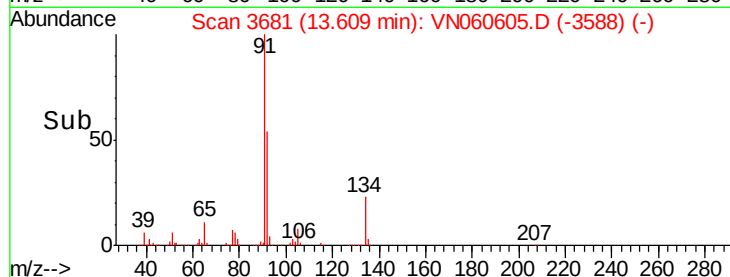
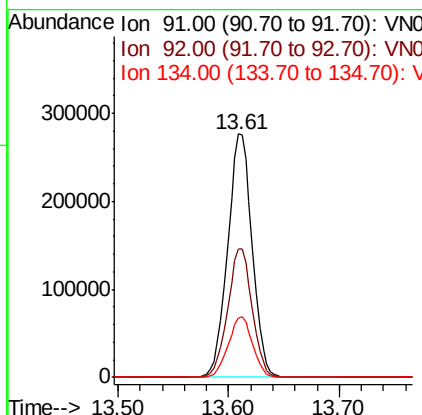
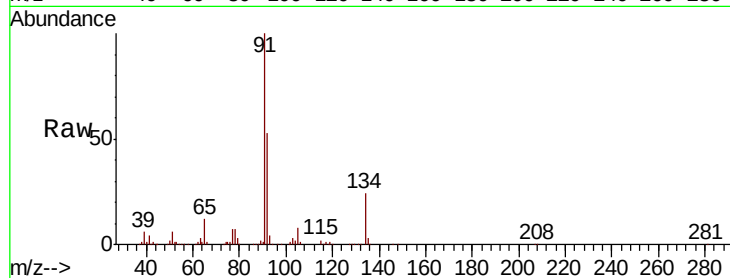




#89
n-Butylbenzene
Concen: 49.859 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

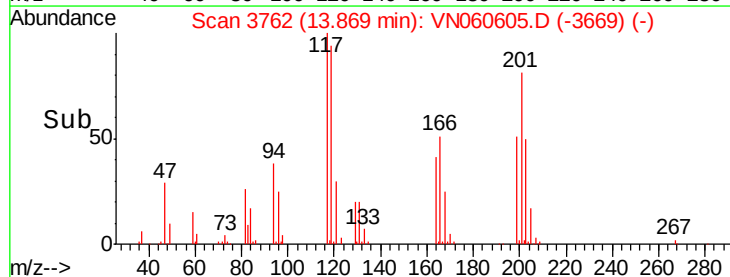
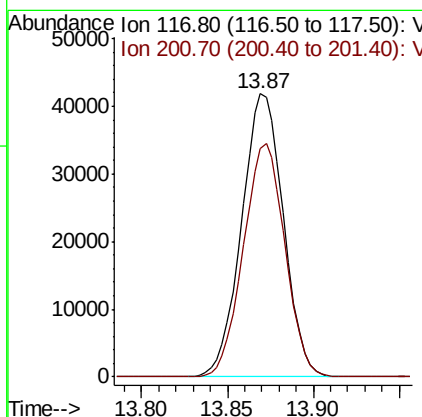
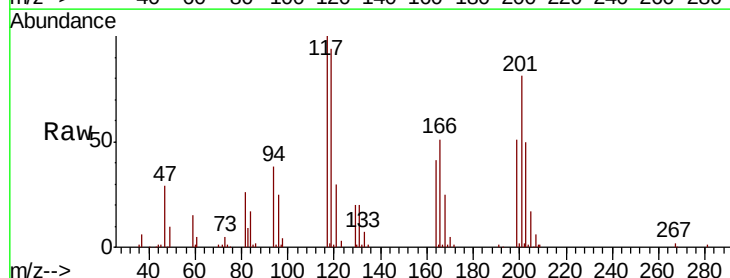
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

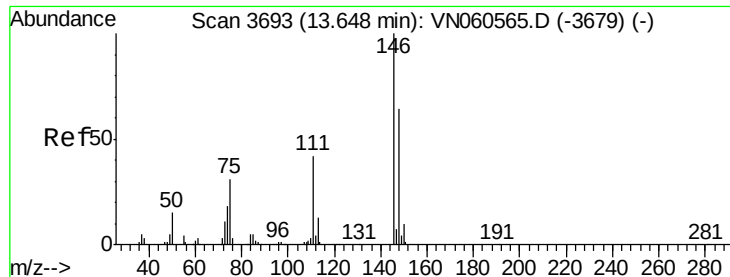
Tot Ion: 91 Resp: 424746
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 24.8 12.3 36.9



#90
Hexachloroethane
Concen: 51.276 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion: 117 Resp: 70327
Ion Ratio Lower Upper
117 100
201 82.0 40.8 122.5





#91

1,2-Dichlorobenzene

Concen: 50.302 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

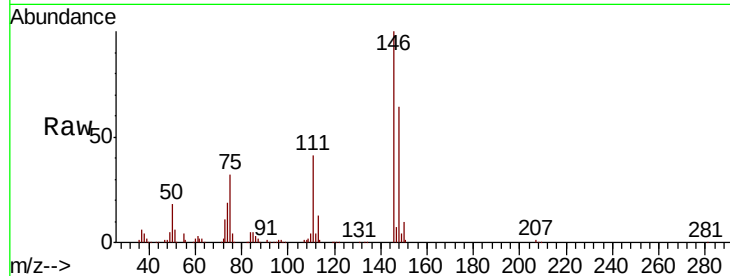
Tot Ion:146 Resp: 226742

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

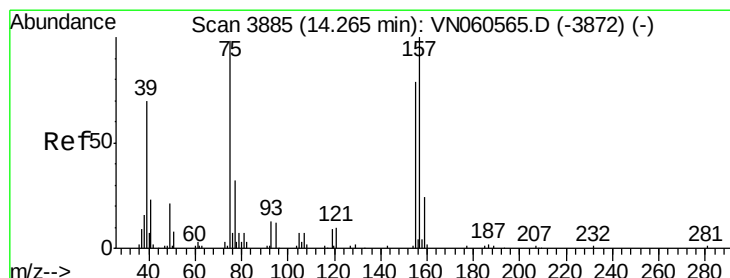
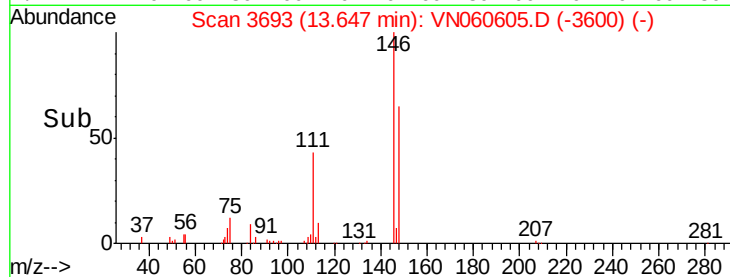
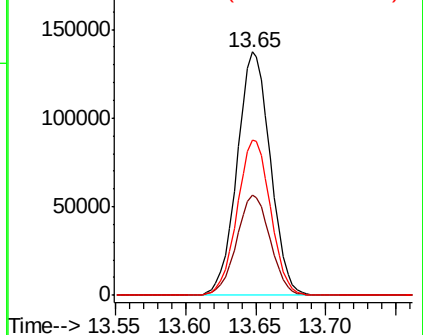
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.403 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060605.D

Acq: 18 Mar 2020 20:35

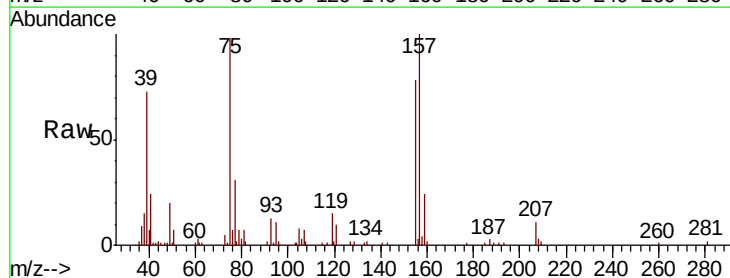
Tgt Ion: 75 Resp: 34013

Ion Ratio Lower Upper

75 100

155 79.3 40.7 122.1

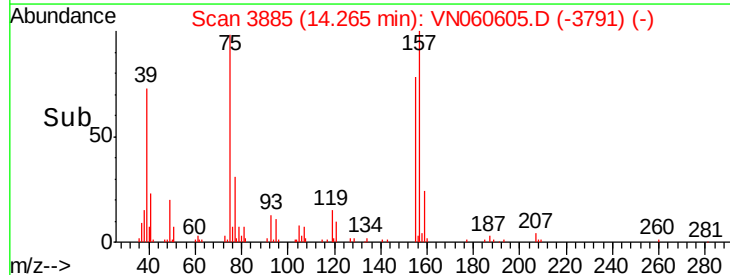
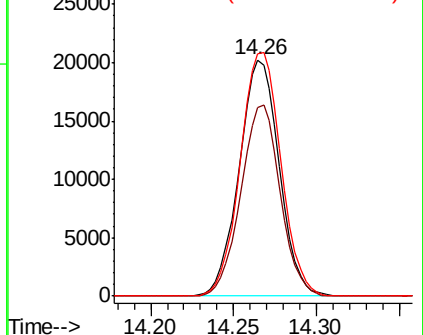
157 104.7 51.5 154.7

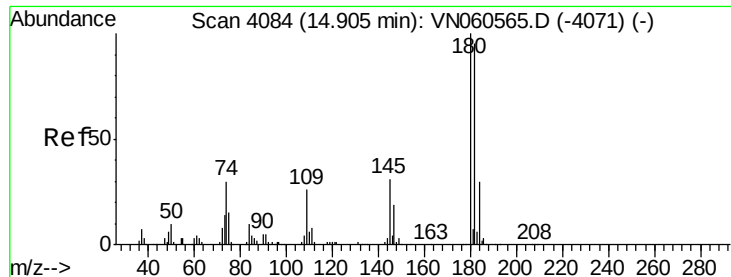


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

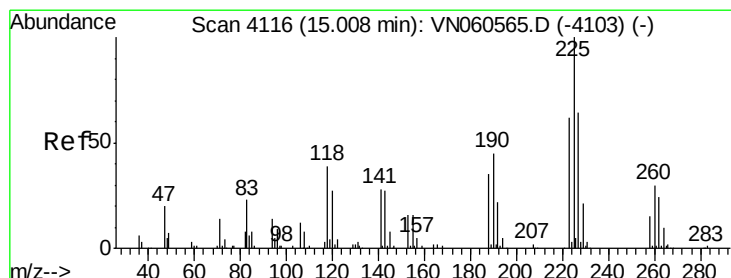
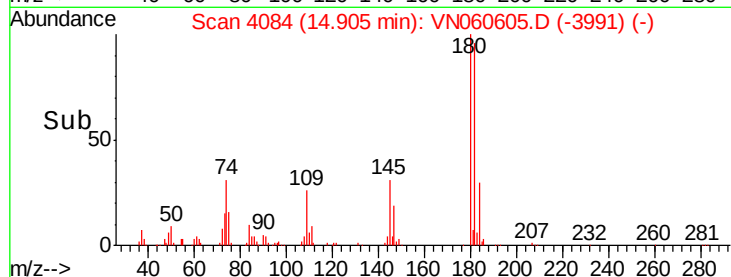
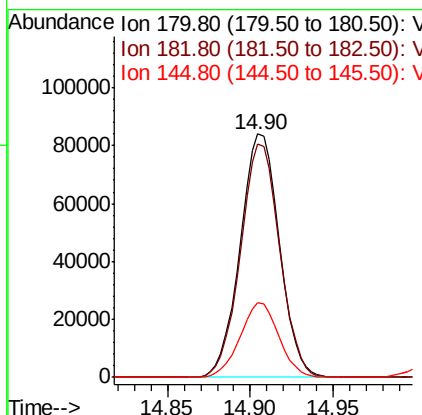
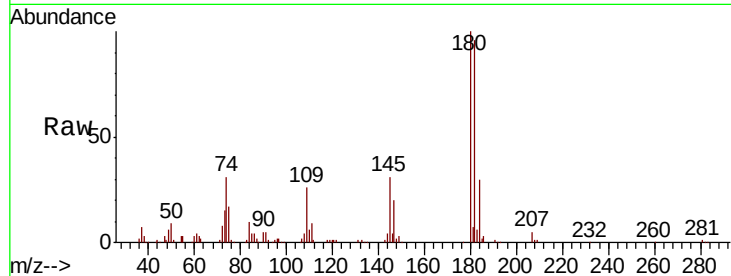




#93
 1,2,4-Trichlorobenzene
 Concen: 49.910 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

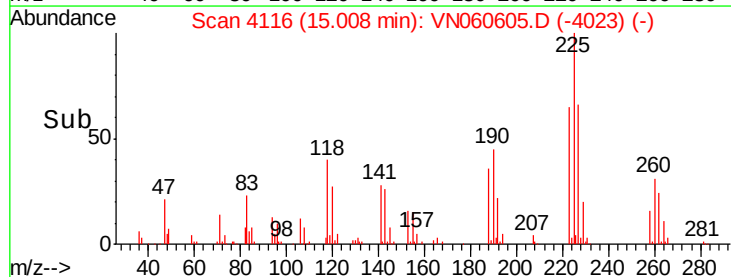
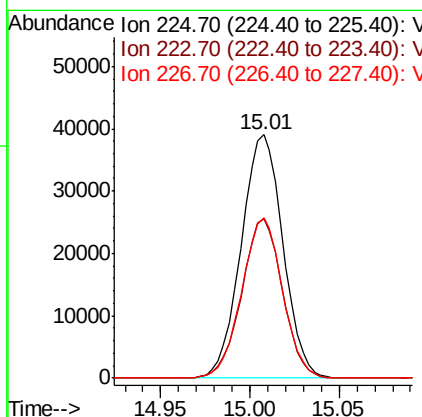
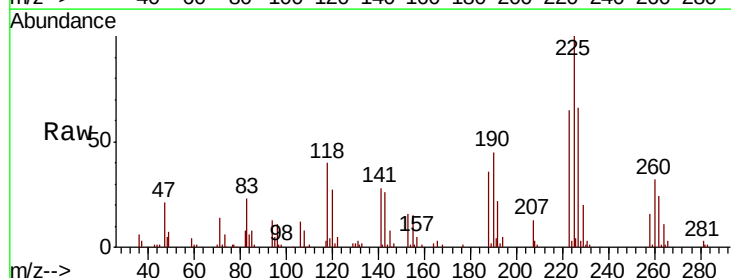
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

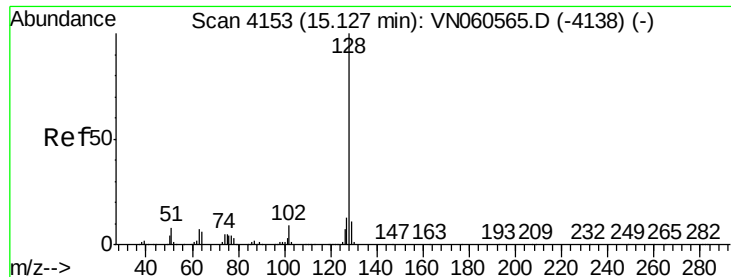
Tot Ion:180 Resp: 138154
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.8
 145 30.2 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 46.946 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060605.D
 Acq: 18 Mar 2020 20:35

Tgt Ion:225 Resp: 63704
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 95.0
 227 63.9 32.3 96.8

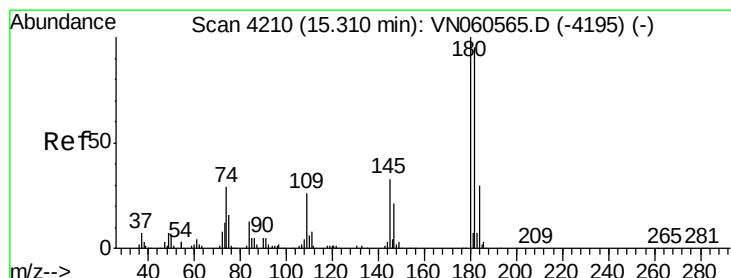
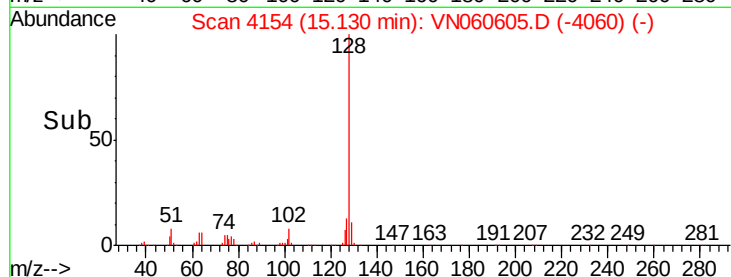
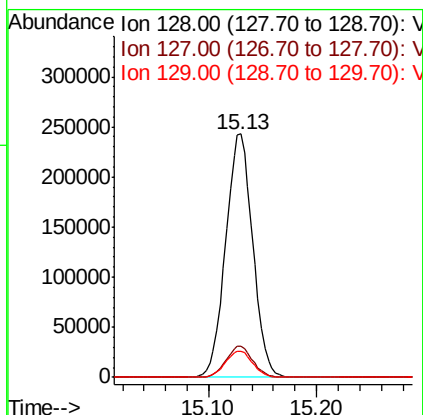
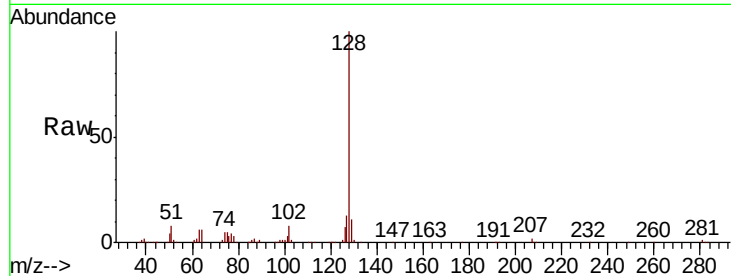




#95
Naphthalene
Concen: 50.897 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 423757
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.946 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060605.D
Acq: 18 Mar 2020 20:35

Tgt Ion:180 Resp: 133451
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 33.2 16.3 48.8

