

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032020\
 Data File : VN060646.D
 Acq On : 20 Mar 2020 11:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 20 23:22:11 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	186262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	302432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134880	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	130417	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
35) Dibromofluoromethane	7.56	113	96178	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
50) Toluene-d8	10.08	98	394403	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.40	95	143781	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	100163	55.576	ug/l	100
3) Chloromethane	2.04	50	167475	49.755	ug/l	99
4) Vinyl Chloride	2.16	62	136826	51.971	ug/l	97
5) Bromomethane	2.54	94	61429	54.050	ug/l	99
6) Chloroethane	2.68	64	82511	54.406	ug/l	99
7) Trichlorofluoromethane	3.00	101	176134	54.309	ug/l	98
8) Diethyl Ether	3.38	74	70660	54.235	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	105191	55.975	ug/l	99
10) Methyl Iodide	3.92	142	89082	53.272	ug/l	100
11) Tert butyl alcohol	4.72	59	101647	270.304	ug/l	99
12) 1,1-Dichloroethene	3.71	96	107140	53.128	ug/l	99
13) Acrolein	3.57	56	105213	252.448	ug/l	99
14) Allyl chloride	4.29	41	185849	52.399	ug/l	100
15) Acrylonitrile	4.94	53	305869	276.604	ug/l	99
16) Acetone	3.78	43	309189	341.372	ug/l	98
17) Carbon Disulfide	4.03	76	321229	52.376	ug/l	100
18) Methyl Acetate	4.28	43	137169	53.805	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	360516	51.997	ug/l	99
20) Methylene Chloride	4.52	84	121105	54.355	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	115736	53.848	ug/l	95
22) Diisopropyl ether	5.91	45	408660	54.536	ug/l	98
23) Vinyl Acetate	5.85	43	1700133	278.074	ug/l	99
24) 1,1-Dichloroethane	5.82	63	221997	54.344	ug/l	99
25) 2-Butanone	6.80	43	431362	294.321	ug/l	99
26) 2,2-Dichloropropane	6.79	77	190202	59.179	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	133233	54.550	ug/l	99
28) Bromochloromethane	7.17	49	110393	56.483	ug/l	100
29) Tetrahydrofuran	7.18	42	275944	266.102	ug/l	99
30) Chloroform	7.34	83	212232	54.194	ug/l	97
31) Cyclohexane	7.63	56	211257	51.297	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	181884	53.876	ug/l	98
36) 1,1-Dichloropropene	7.77	75	169355	57.830	ug/l	100
37) Ethyl Acetate	6.89	43	173738	54.906	ug/l	100
38) Carbon Tetrachloride	7.75	117	148722	56.663	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	199752	57.398	ug/l	99
40) Benzene	8.02	78	499849	56.542	ug/l	99
41) Methacrylonitrile	7.17	41	248936	184.339	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	172984	57.256	ug/l	99
43) Isopropyl Acetate	8.14	43	288348	55.255	ug/l	100
44) Trichloroethene	8.82	130	128337	57.588	ug/l	100
45) 1,2-Dichloropropane	9.10	63	132929	56.985	ug/l	99
46) Dibromomethane	9.19	93	81048	57.471	ug/l	100
47) Bromodichloromethane	9.38	83	168387	57.460	ug/l	98
48) Methyl methacrylate	9.18	41	132022	56.822	ug/l	100
49) 1,4-Dioxane	9.18	88	37435	1355.520	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	861537	290.122	ug/l	99
52) Toluene	10.14	92	308066	57.701	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	197468	58.662	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	211259	57.207	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	116650	56.792	ug/l	100
56) Ethyl methacrylate	10.42	69	186112	58.112	ug/l	99
57) 1,3-Dichloropropane	10.70	76	203600	57.122	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	410220	257.717	ug/l	100
59) 2-Hexanone	10.74	43	651230	304.436	ug/l	100
60) Dibromochloromethane	10.89	129	124776	58.811	ug/l	100
61) 1,2-Dibromoethane	10.99	107	120631	58.406	ug/l	99
64) Tetrachloroethene	10.62	164	125917	57.971	ug/l	100
65) Chlorobenzene	11.43	112	313876	57.362	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	113261	57.168	ug/l	98
67) Ethyl Benzene	11.50	91	591598	58.138	ug/l	99
68) m/p-Xylenes	11.62	106	439518	116.232	ug/l	100
69) o-Xylene	11.94	106	209228	57.961	ug/l	99
70) Styrene	11.96	104	352677	59.738	ug/l	99
71) Bromoform	12.12	173	88869	53.837	ug/l #	99
73) Isopropylbenzene	12.25	105	564331	55.752	ug/l	99
74) N-amyl acetate	12.06	43	258343	55.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	166976	54.549	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	232424	79.859	ug/l #	100
77) Bromobenzene	12.52	156	134121	54.988	ug/l	99
78) n-propylbenzene	12.59	91	678857	56.767	ug/l	99
79) 2-Chlorotoluene	12.67	91	391163	54.744	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	478325	55.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	63728	56.236	ug/l	99
82) 4-Chlorotoluene	12.77	91	408989	56.200	ug/l	99
83) tert-Butylbenzene	12.99	119	391174	54.934	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	478797	56.342	ug/l	99
85) sec-Butylbenzene	13.17	105	535377	55.912	ug/l	100
86) p-Isopropyltoluene	13.28	119	487972	56.672	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	243840	56.682	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	242765	56.169	ug/l	99
89) n-Butylbenzene	13.61	91	454211	58.427	ug/l	100
90) Hexachloroethane	13.87	117	64532	51.560	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	231173	56.200	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33066	51.582	ug/l	99

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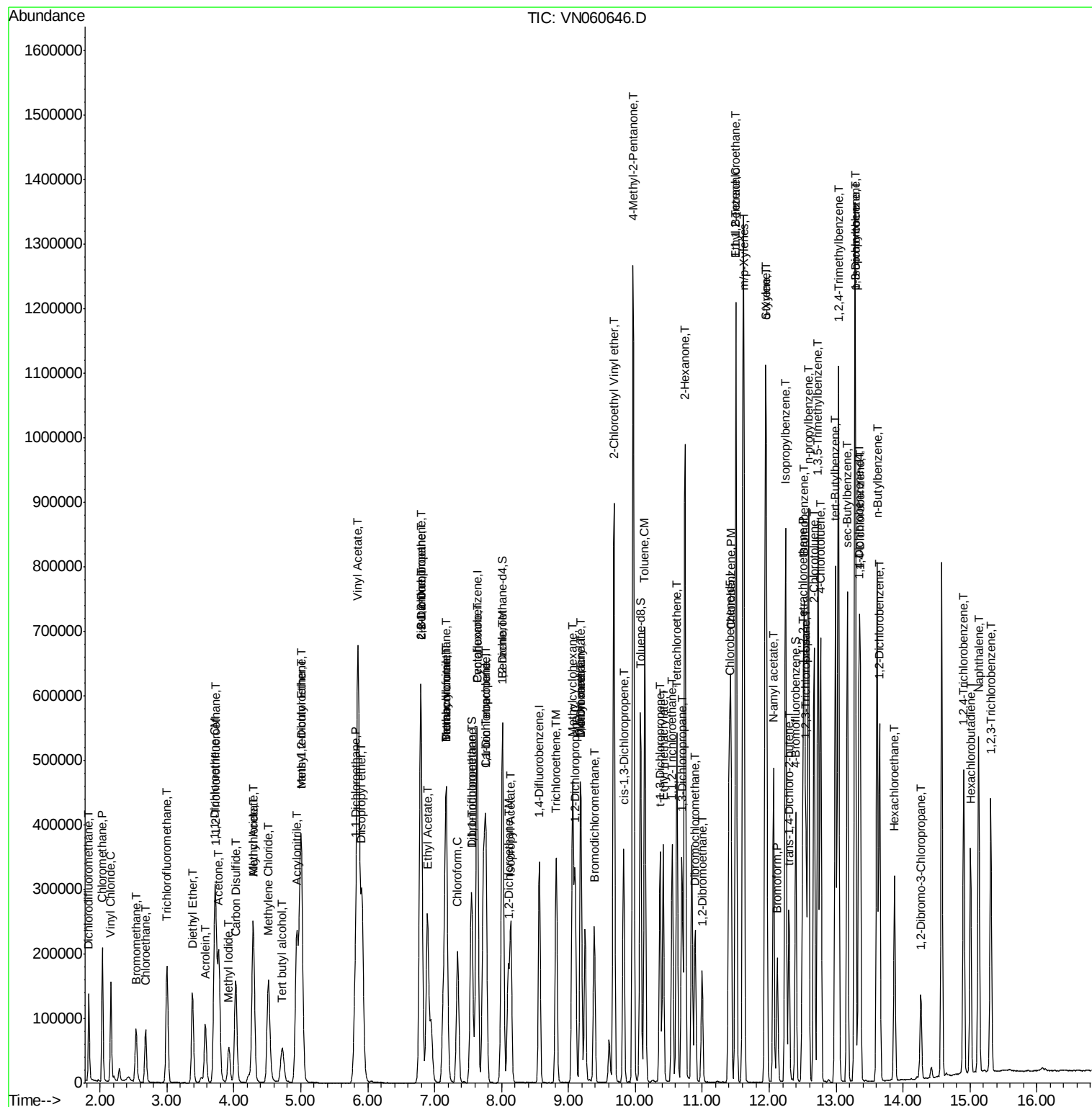
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	151538	59.991	ug/l	99
94) Hexachlorobutadiene	15.01	225	68740	55.511	ug/l	100
95) Naphthalene	15.13	128	444167	58.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	140957	56.653	ug/l	98

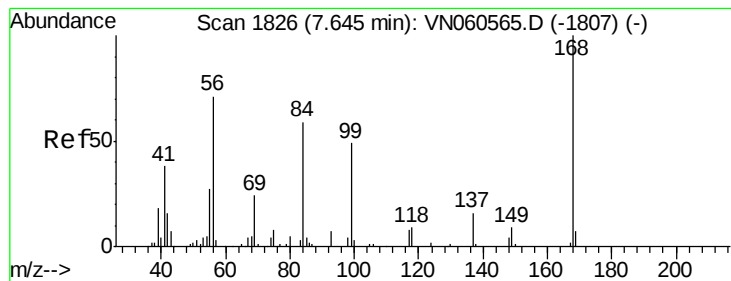
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

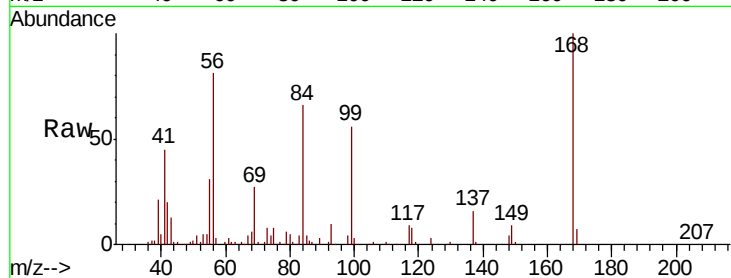
ClientSampleId :

Tot Ion:168 Resp: 186262

Ion Ratio Lower Upper

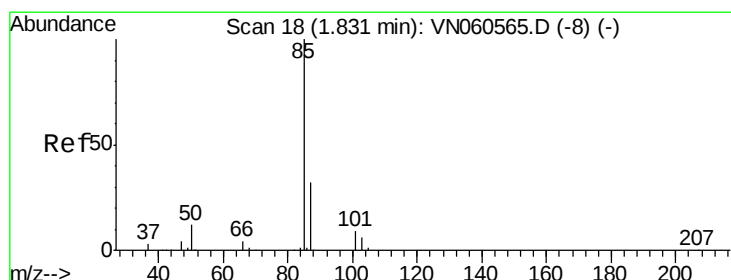
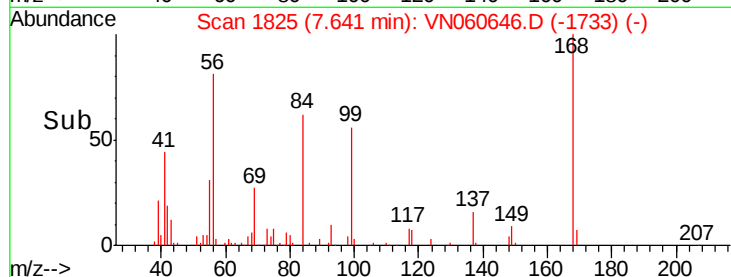
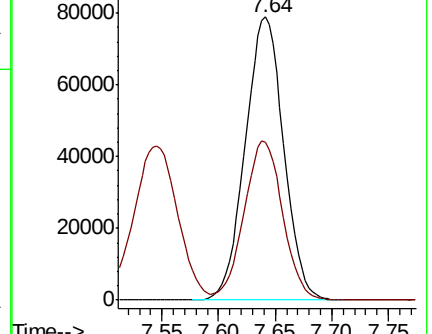
168 100

99 55.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 55.576 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060646.D

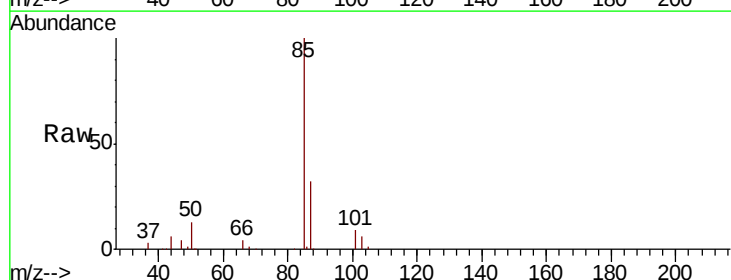
Acq: 20 Mar 2020 11:32

Tgt Ion: 85 Resp: 100163

Ion Ratio Lower Upper

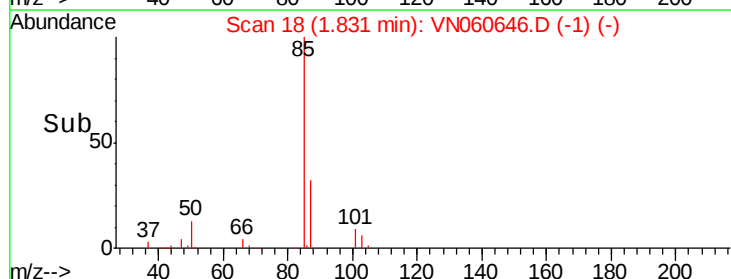
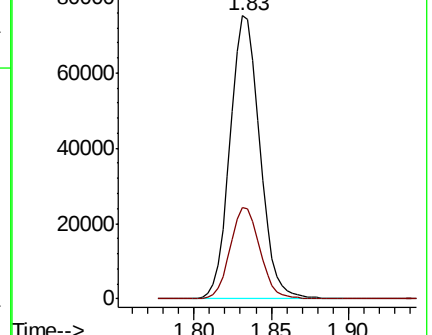
85 100

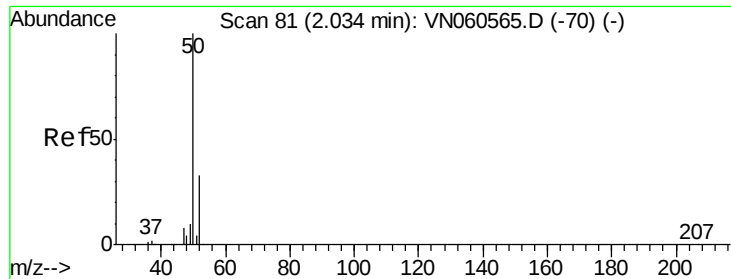
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 49.755 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

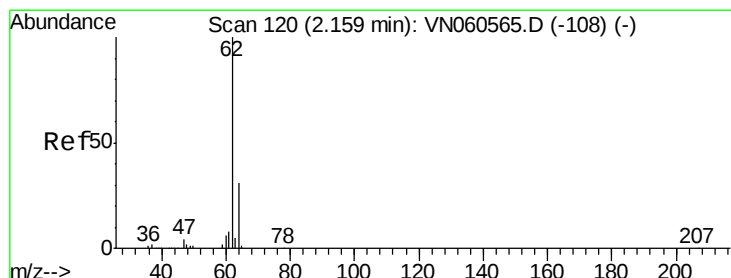
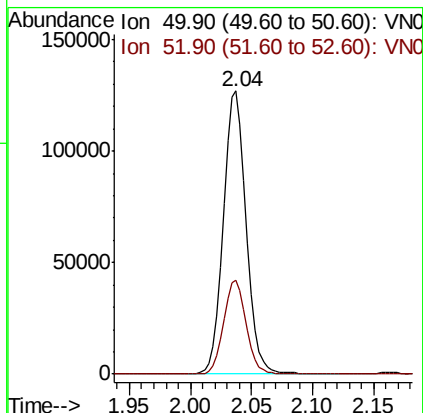
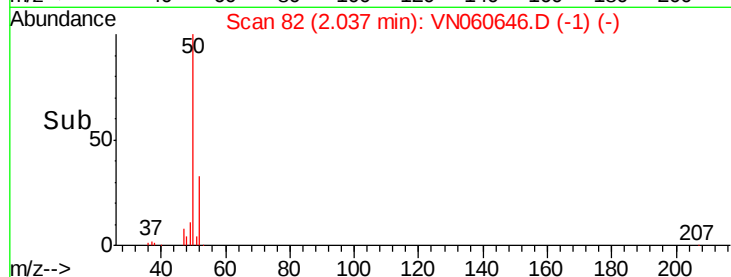
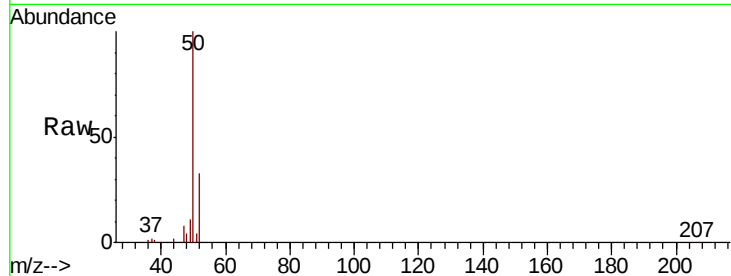
ClientSampleId :

Tot Ion: 50 Resp: 167475

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



#4

Vinyl Chloride

Concen: 51.971 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060646.D

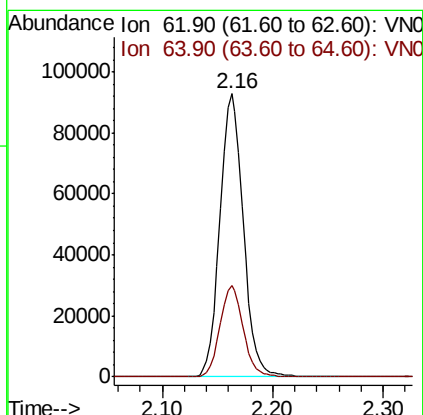
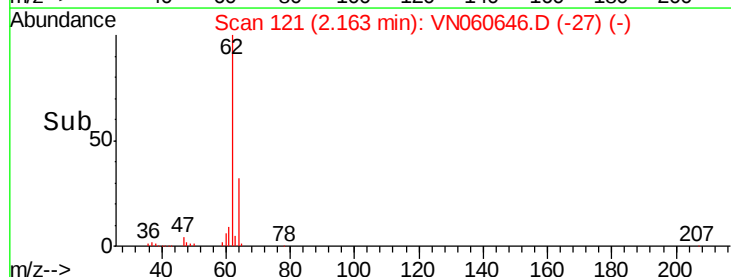
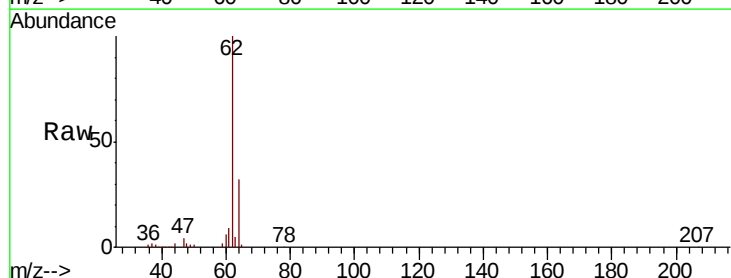
Acq: 20 Mar 2020 11:32

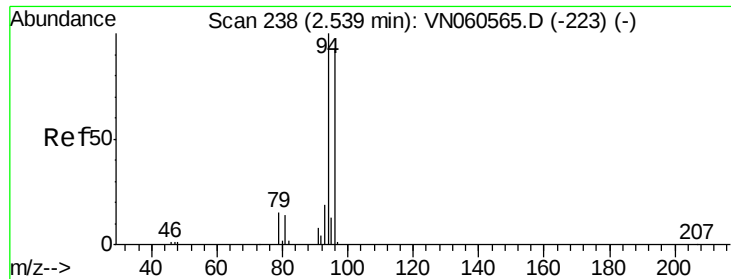
Tgt Ion: 62 Resp: 136826

Ion Ratio Lower Upper

62 100

64 32.4 24.7 37.1





#5

Bromomethane

Concen: 54.050 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

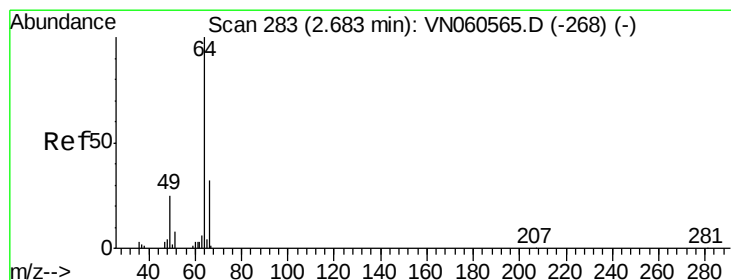
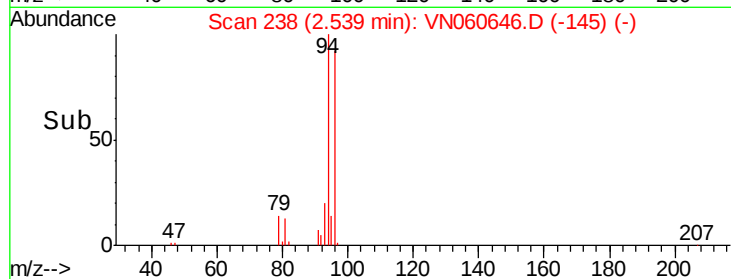
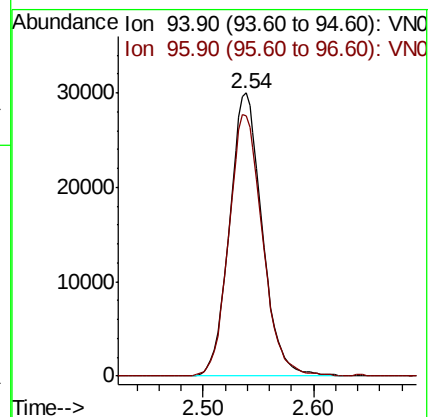
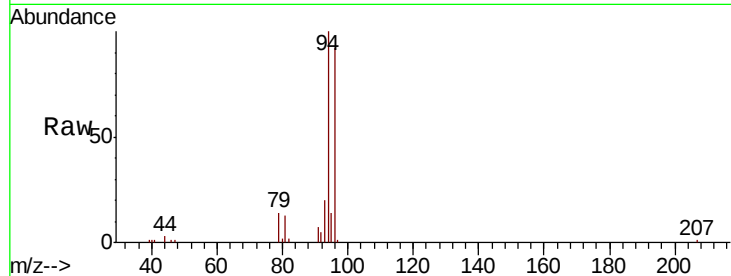
ClientSampleId :

Tot Ion: 94 Resp: 61429

Ion Ratio Lower Upper

94 100

96 92.1 74.6 112.0



#6

Chloroethane

Concen: 54.406 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060646.D

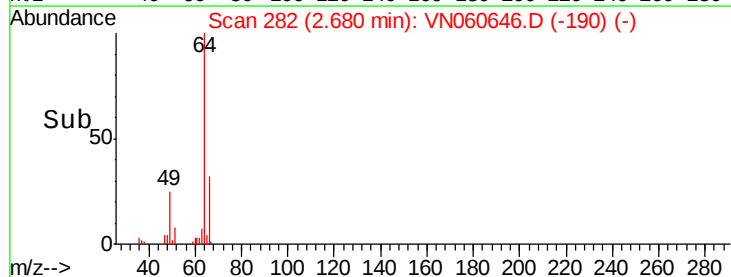
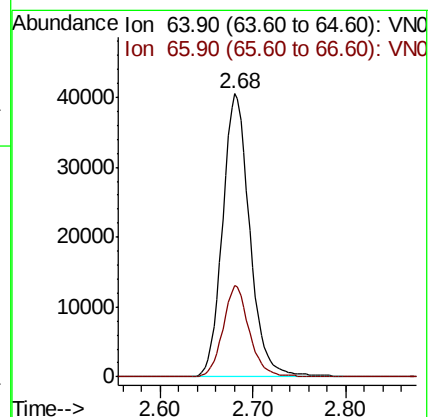
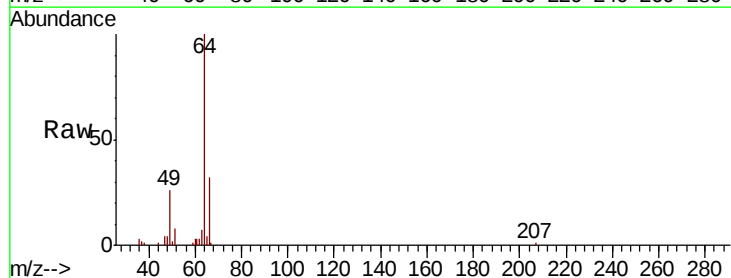
Acq: 20 Mar 2020 11:32

Tgt Ion: 64 Resp: 82511

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9



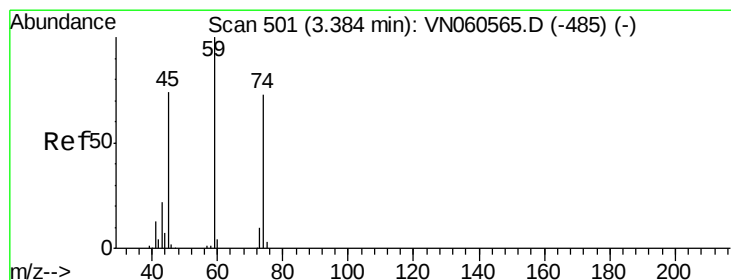
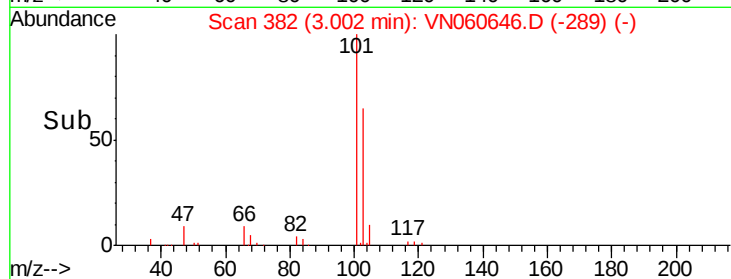
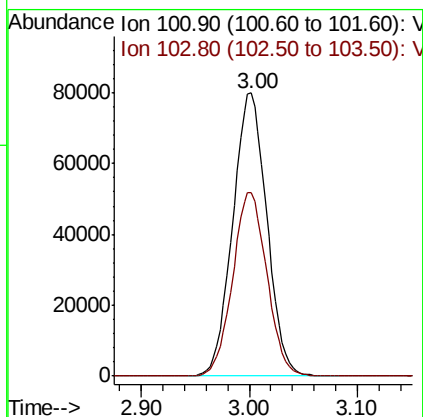
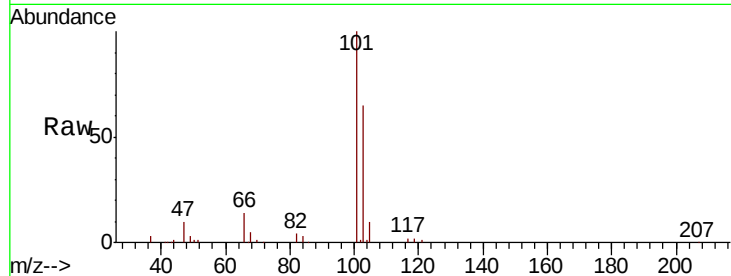


#7

Trichlorofluoromethane
Concen: 54.309 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Instrument :
MSVOA_N
ClientSampled :

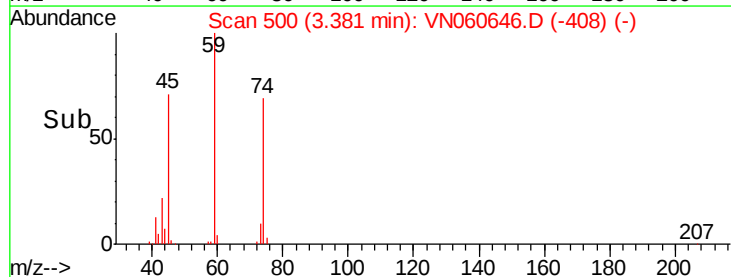
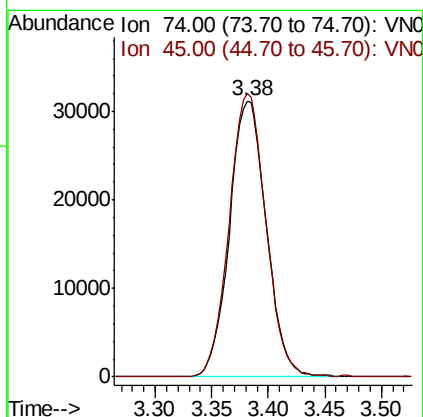
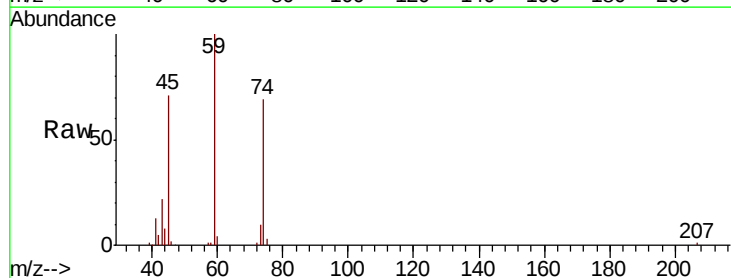
Tot Ion:101 Resp: 176134
Ion Ratio Lower Upper
101 100
103 64.9 50.6 76.0



#8

Diethyl Ether
Concen: 54.235 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 74 Resp: 70660
Ion Ratio Lower Upper
74 100
45 102.2 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.975 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

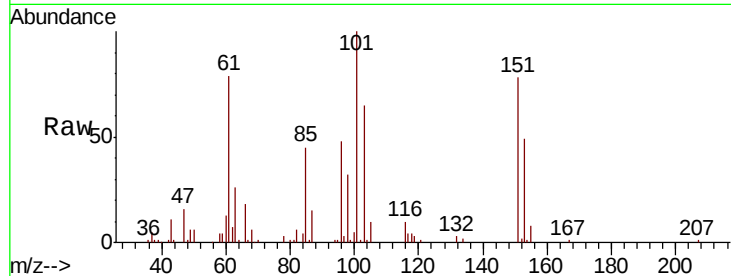
Tot Ion:101 Resp: 105191

Ion Ratio Lower Upper

101 100

85 43.8 35.6 53.4

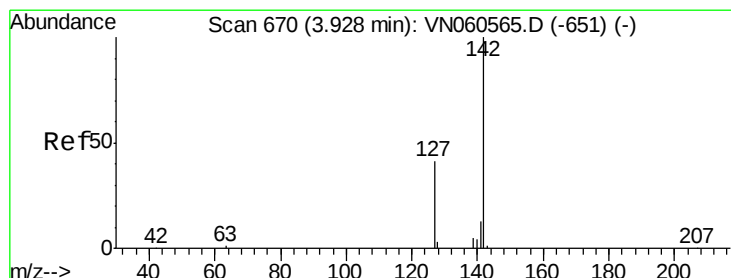
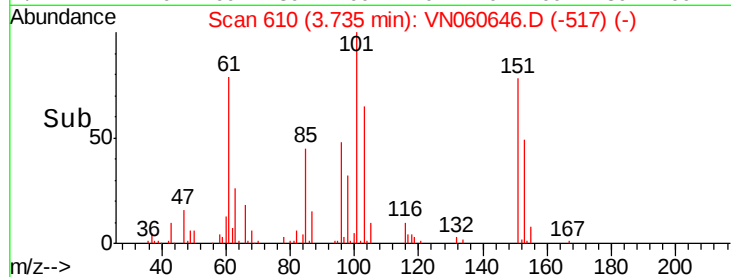
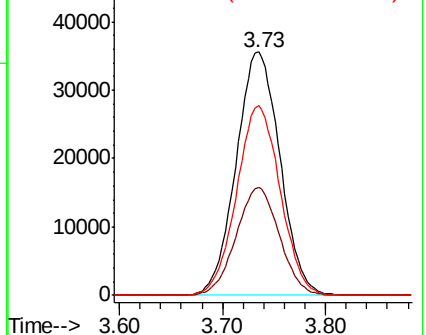
151 77.3 61.4 92.2



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: 53.272 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

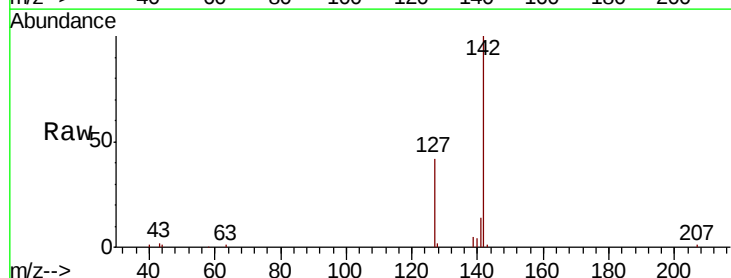
Tgt Ion:142 Resp: 89082

Ion Ratio Lower Upper

142 100

127 41.6 33.5 50.3

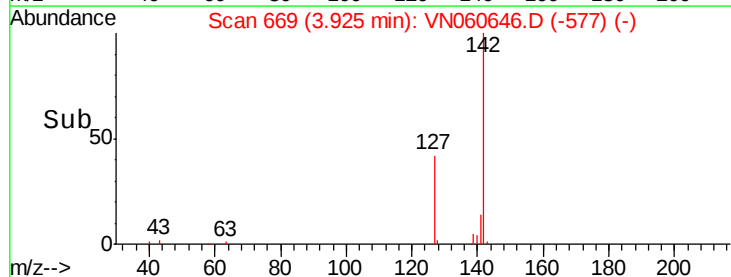
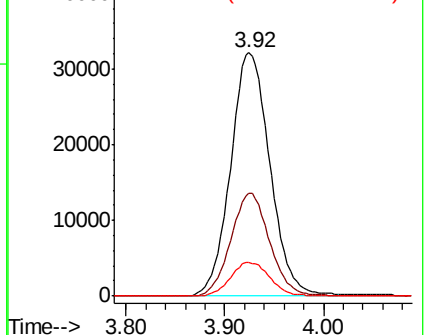
141 13.7 11.0 16.6

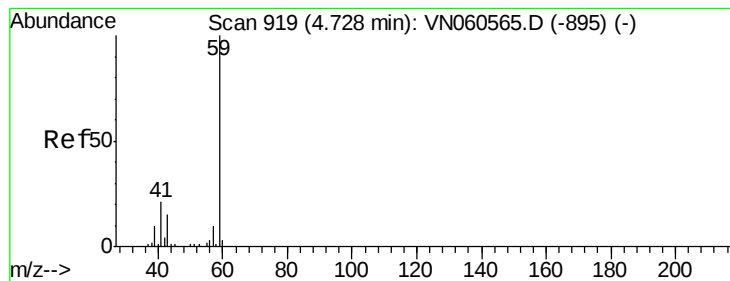


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



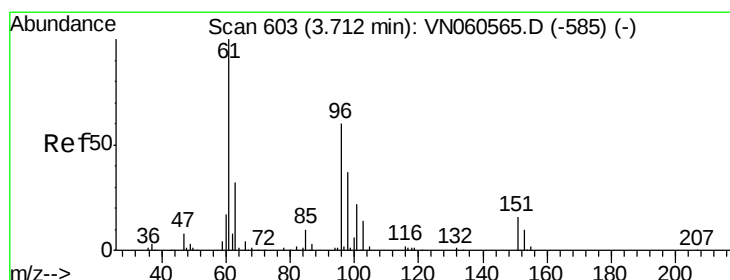
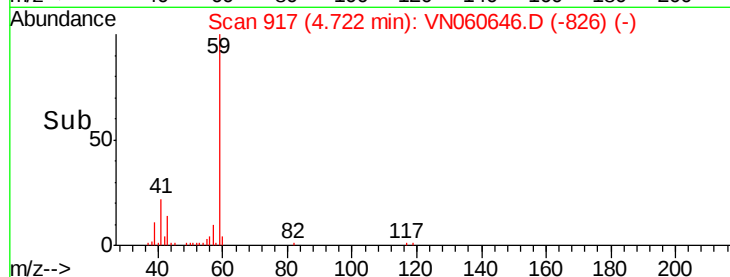
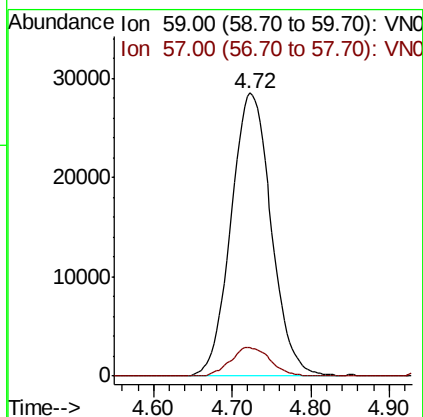
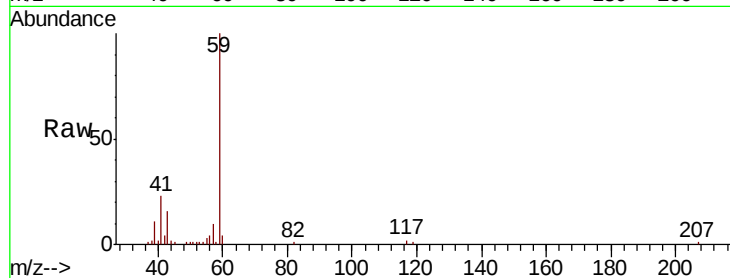


#11

Tert butyl alcohol
Concen: 270.304 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :

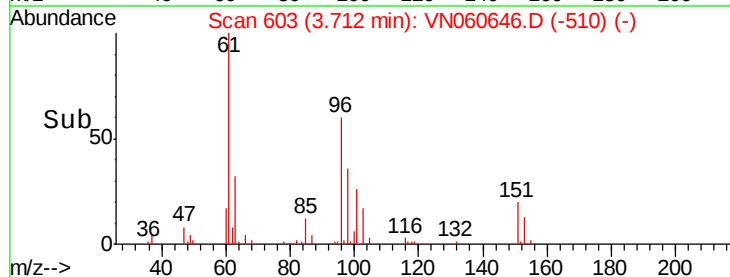
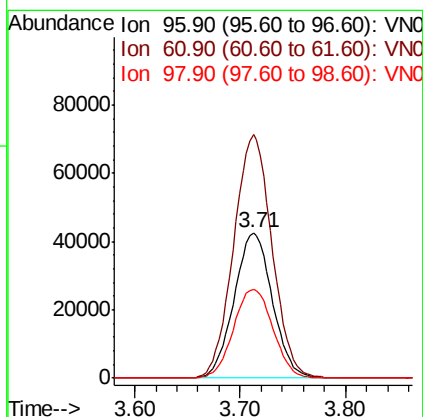
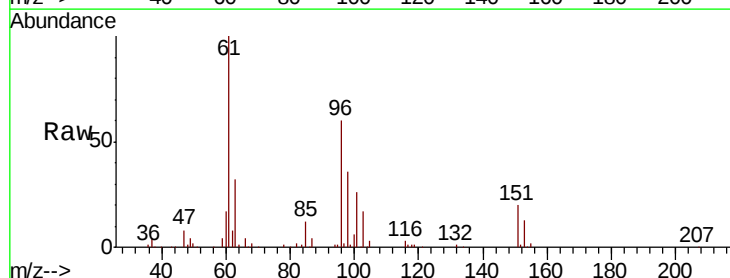
Tot Ion: 59 Resp: 101647
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12

1,1-Dichloroethene
Concen: 53.128 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 96 Resp: 107140
Ion Ratio Lower Upper
96 100
61 167.8 134.1 201.1
98 61.2 49.9 74.9





#13

Acrolein

Concen: 252.448 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

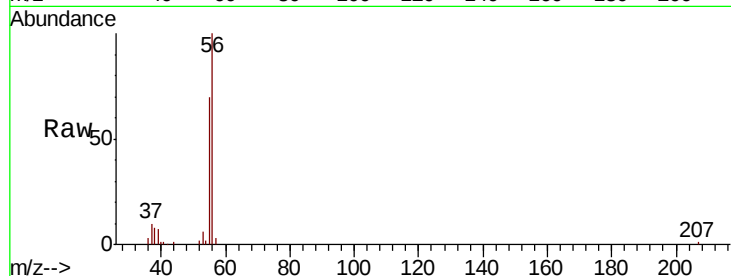
ClientSampleId :

Tot Ion: 56 Resp: 105213

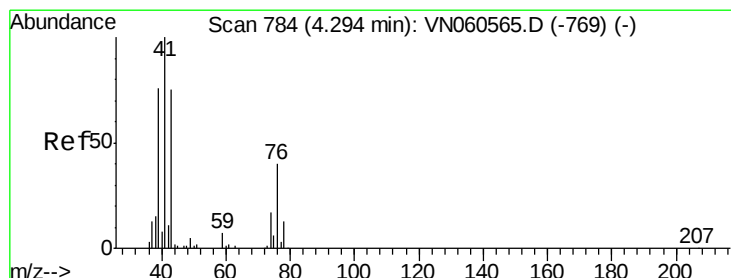
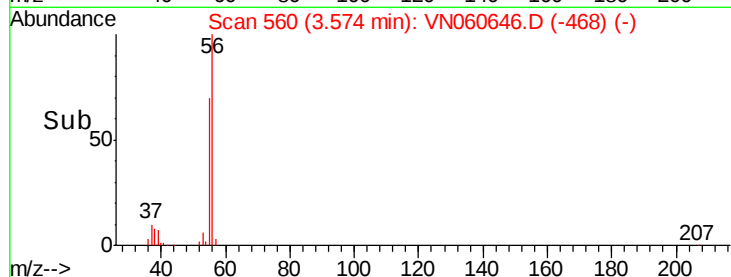
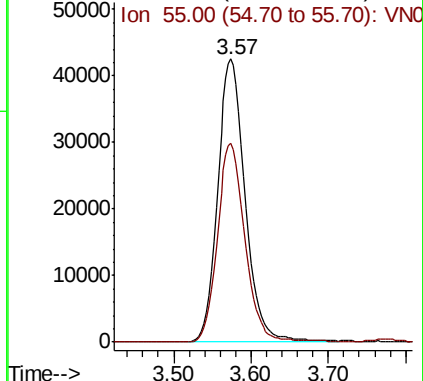
Ion Ratio Lower Upper

56 100

55 70.3 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN060646.D (-468) (-)



#14

Allyl chloride

Concen: 52.399 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

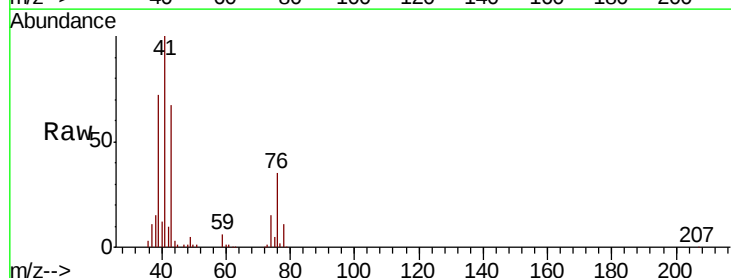
Tgt Ion: 41 Resp: 185849

Ion Ratio Lower Upper

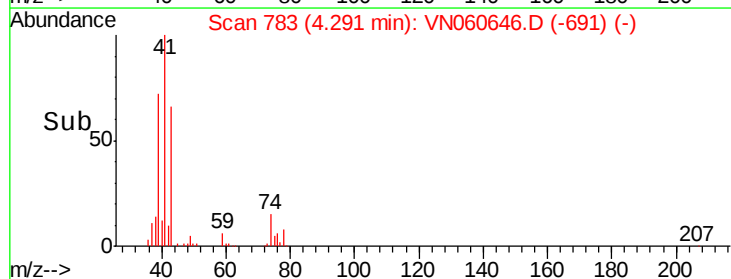
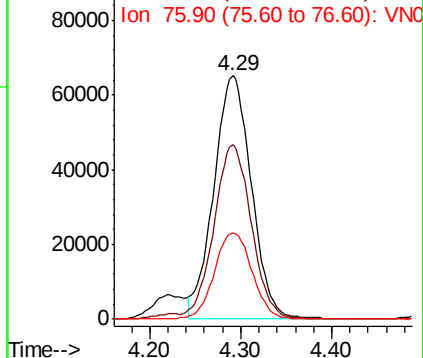
41 100

39 72.0 57.8 86.8

76 35.7 28.6 43.0



Abundance Ion 41.00 (40.70 to 41.70): VN060646.D (-691) (-)





#15

Acrylonitrile

Concen: 276.604 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

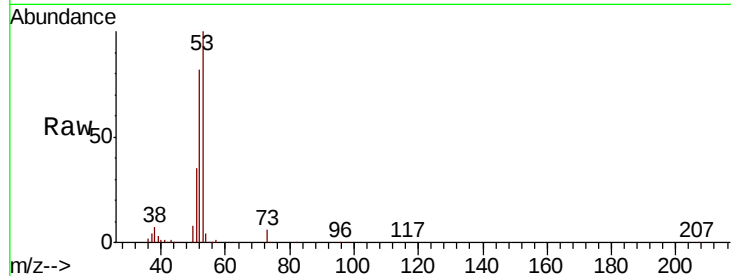
Tot Ion: 53 Resp: 305869

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.4

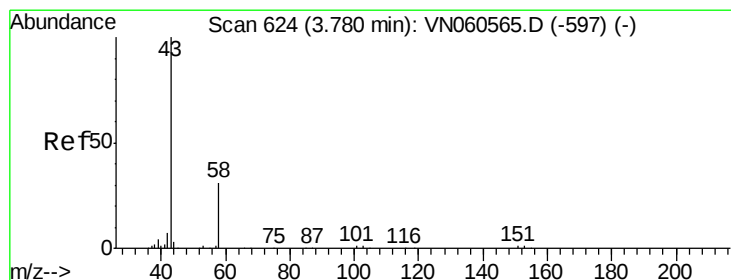
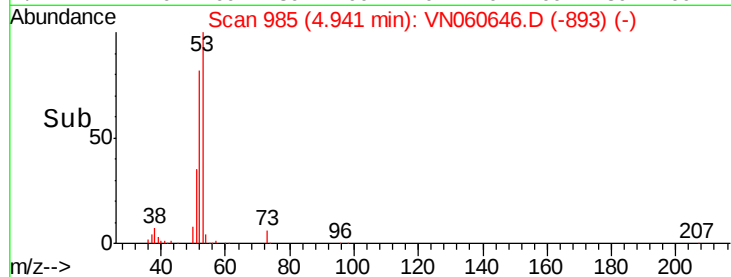
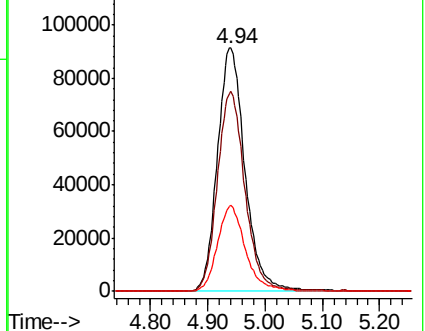
51 35.7 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN060565.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060565.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060565.D (-964) (-)



#16

Acetone

Concen: 341.372 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060646.D

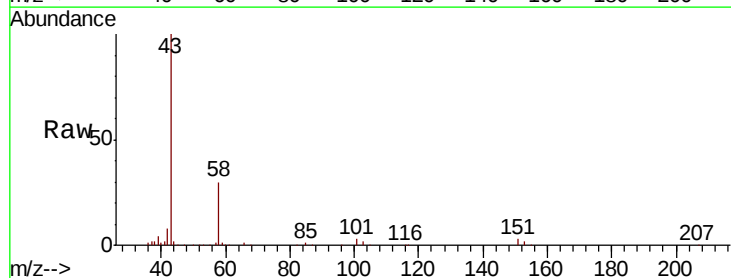
Acq: 20 Mar 2020 11:32

Tgt Ion: 43 Resp: 309189

Ion Ratio Lower Upper

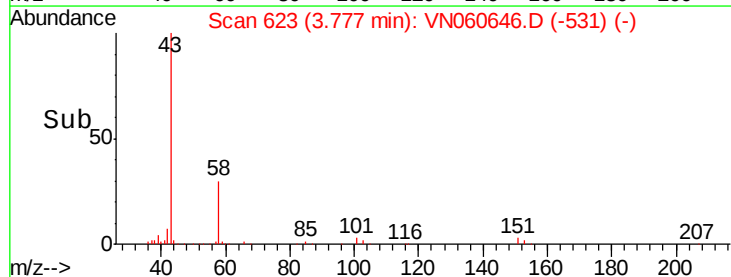
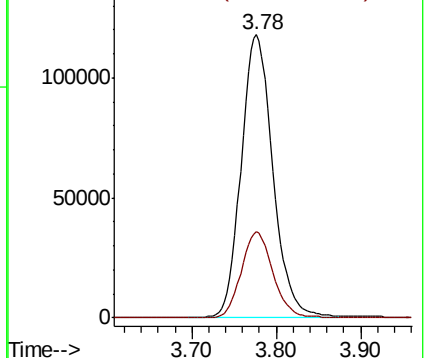
43 100

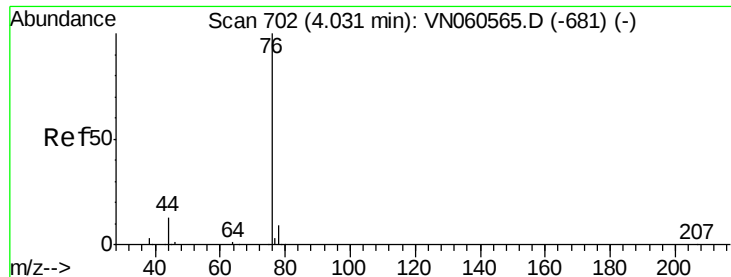
58 30.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-597) (-)

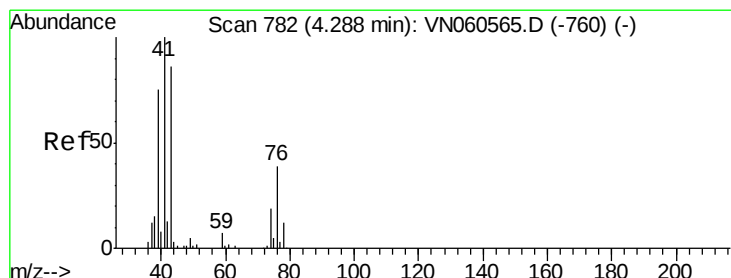
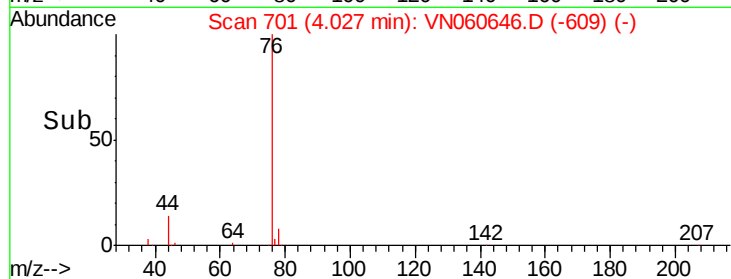
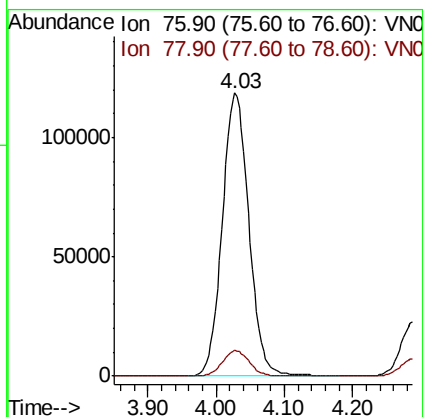
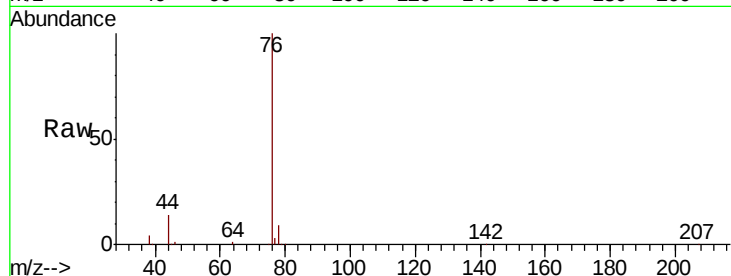




#17
Carbon Disulfide
Concen: 52.376 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

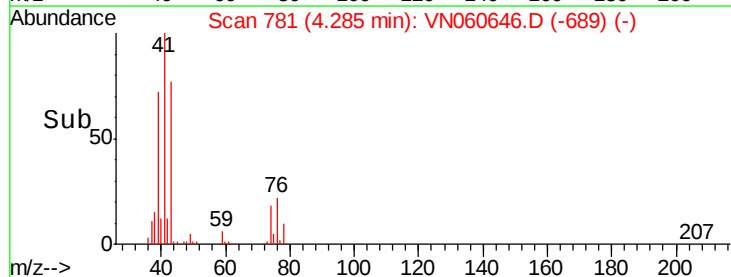
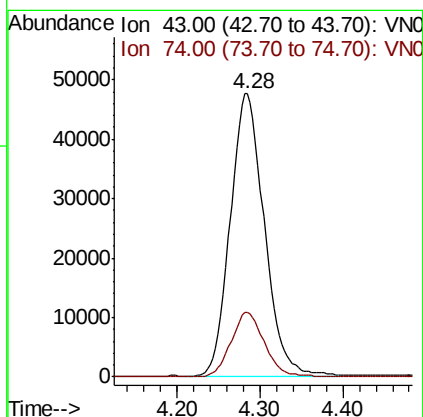
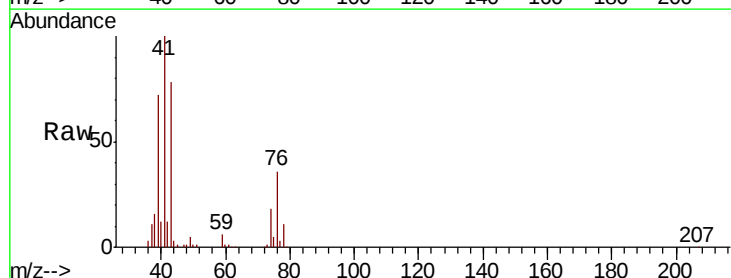
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 321229
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 53.805 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 43 Resp: 137169
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3

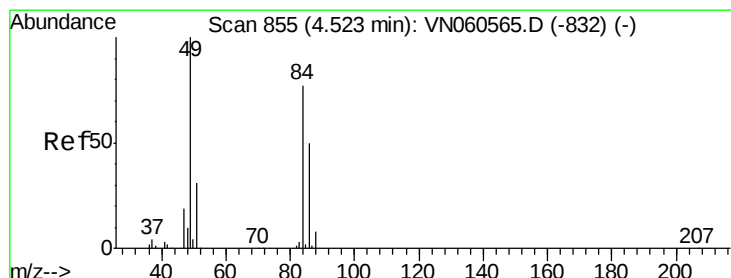
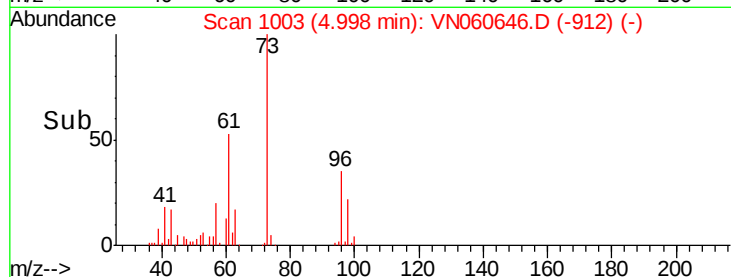
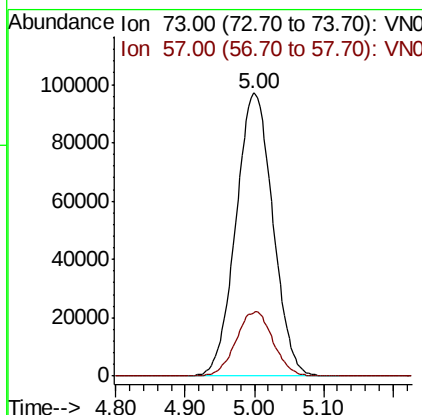
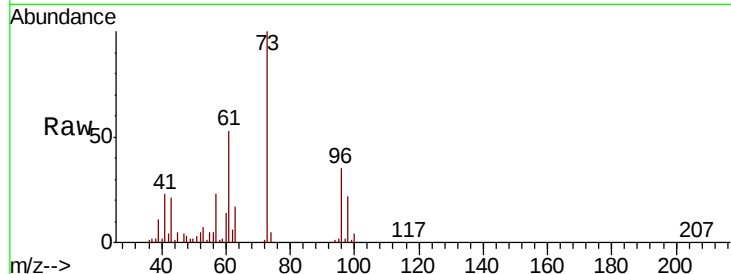




#19
Methyl tert-butyl Ether
Concen: 51.997 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

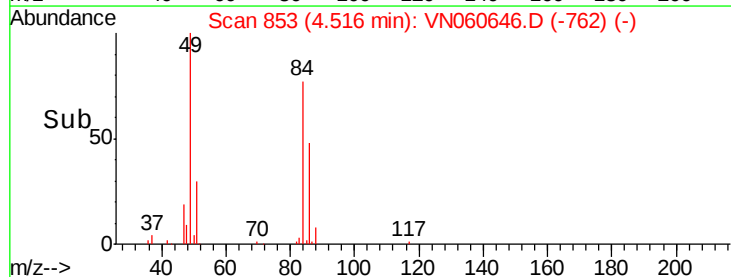
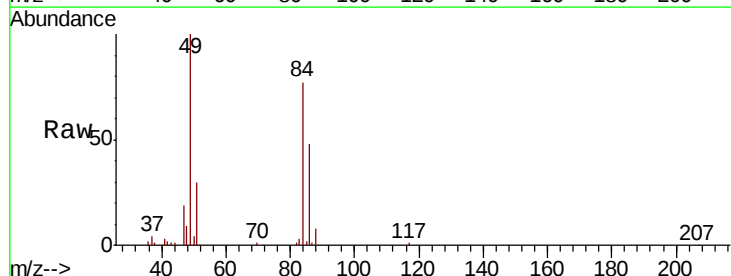
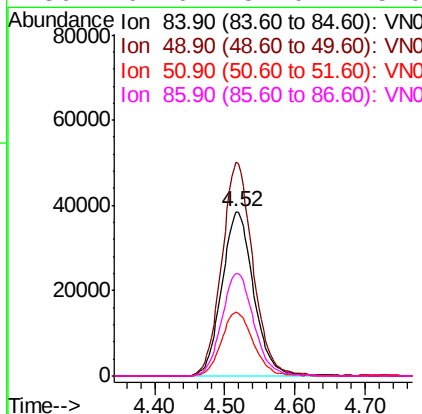
Instrument :
MSVOA_N
ClientSampled :

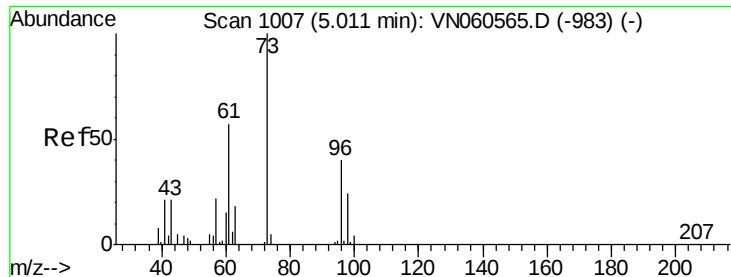
Tot Ion: 73 Resp: 360516
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3



#20
Methylene Chloride
Concen: 54.355 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 84 Resp: 121105
Ion Ratio Lower Upper
84 100
49 129.9 103.3 154.9
51 38.6 31.6 47.4
86 62.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 53.848 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

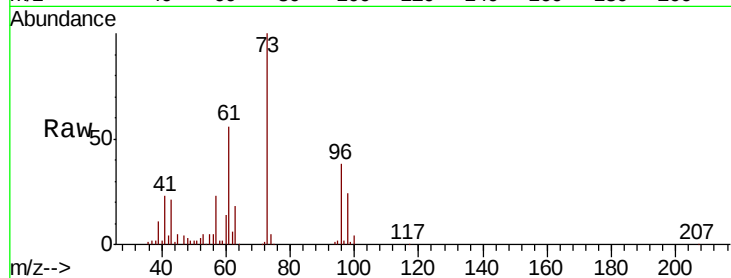
Tot Ion: 96 Resp: 115736

Ion Ratio Lower Upper

96 100

61 149.0 114.4 171.6

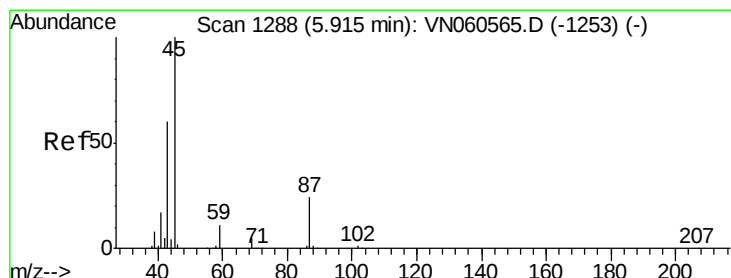
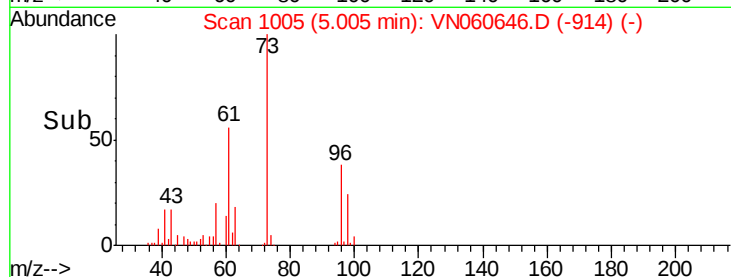
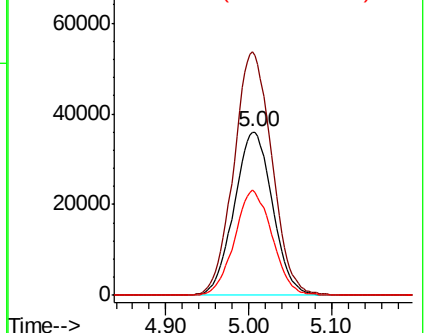
98 64.2 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060565.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN060565.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-983) (-)



#22

Diisopropyl ether

Concen: 54.536 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Tgt Ion: 45 Resp: 408660

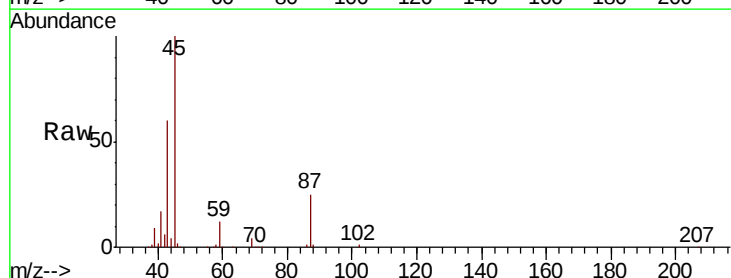
Ion Ratio Lower Upper

45 100

43 59.6 49.8 74.8

87 25.3 20.1 30.1

59 11.6 9.2 13.8

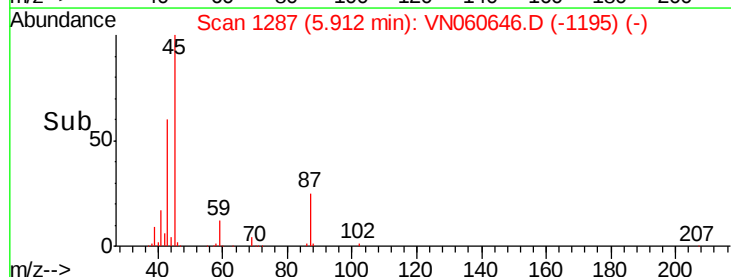
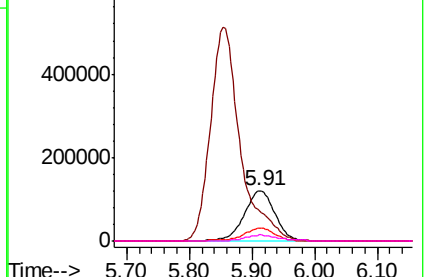


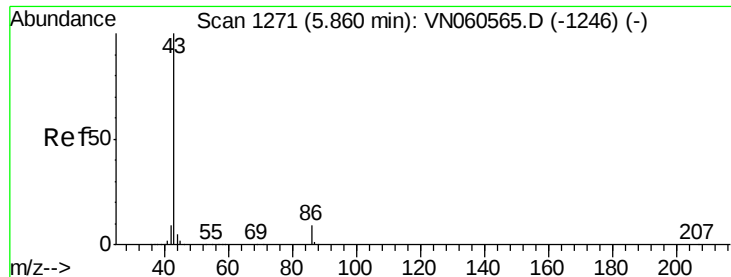
Abundance Ion 45.00 (44.70 to 45.70): VN060565.D (-1253) (-)

Ion 43.00 (42.70 to 43.70): VN060565.D (-1253) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1253) (-)

Ion 59.00 (58.70 to 59.70): VN060565.D (-1253) (-)





#23

Vinyl Acetate

Concen: 278.074 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

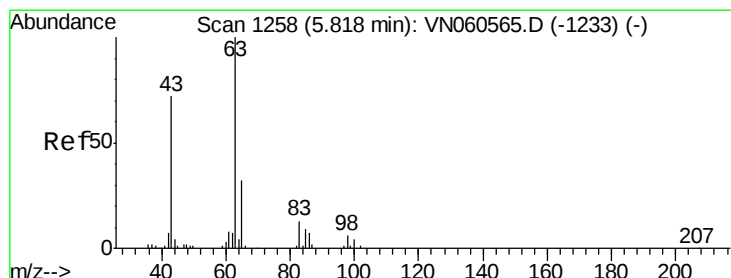
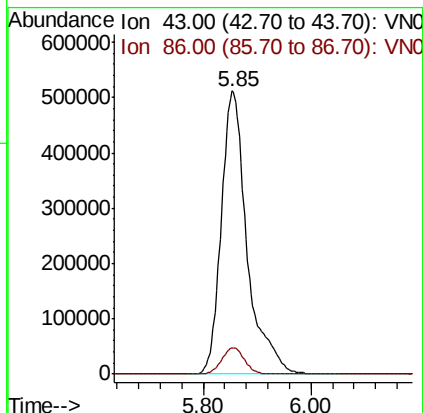
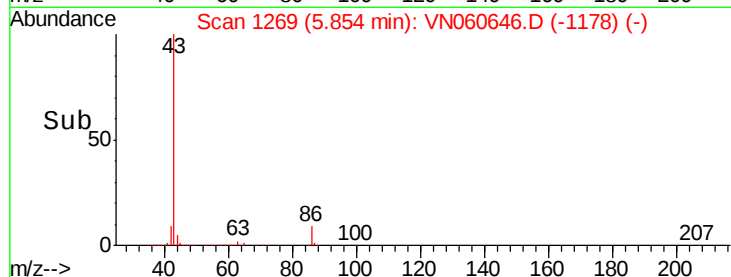
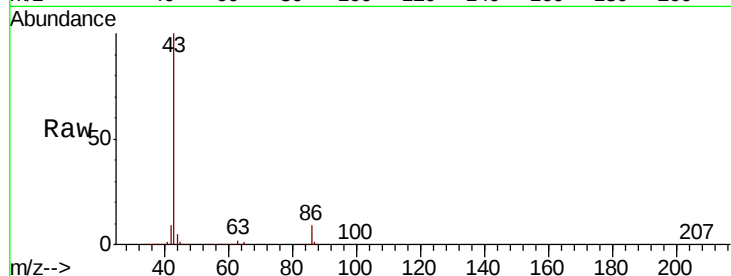
ClientSampled :

Tot Ion: 43 Resp: 1700133

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



#24

1,1-Dichloroethane

Concen: 54.344 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

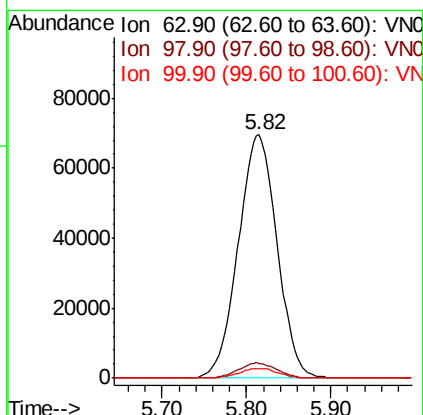
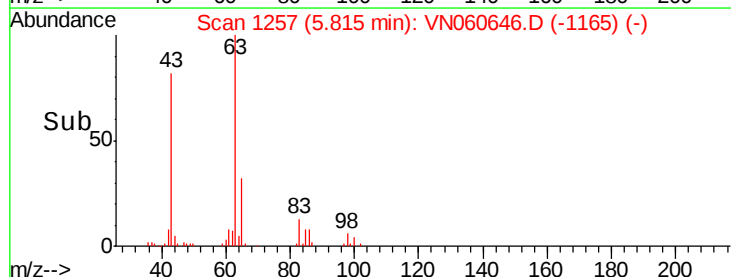
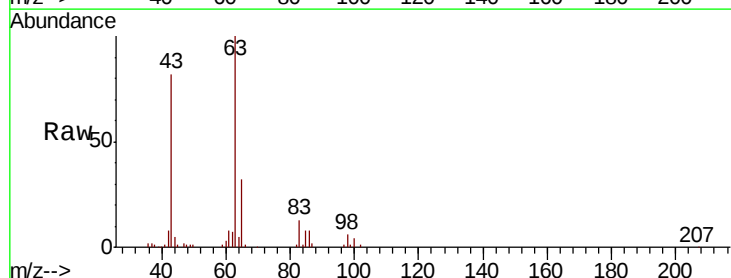
Tgt Ion: 63 Resp: 221997

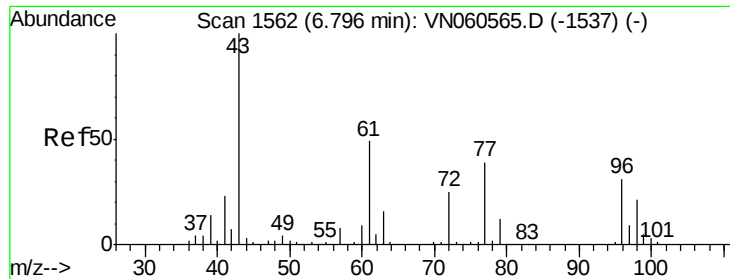
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 3.8 1.8 5.5

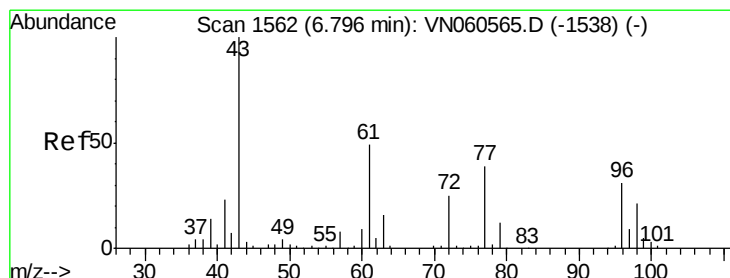
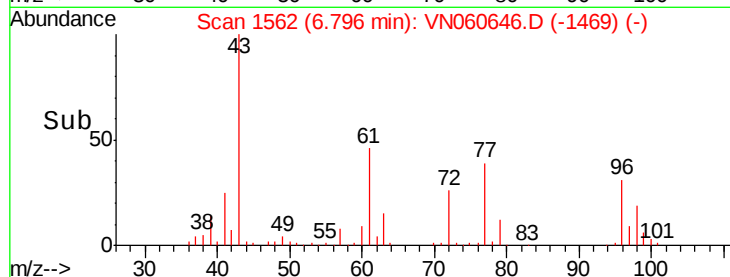
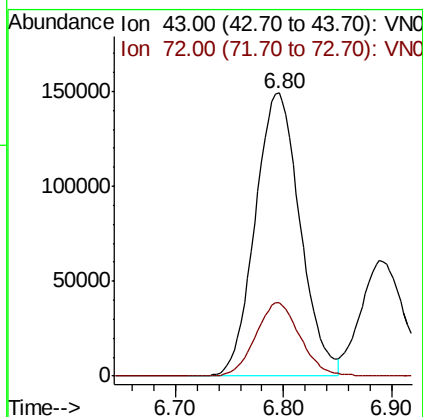
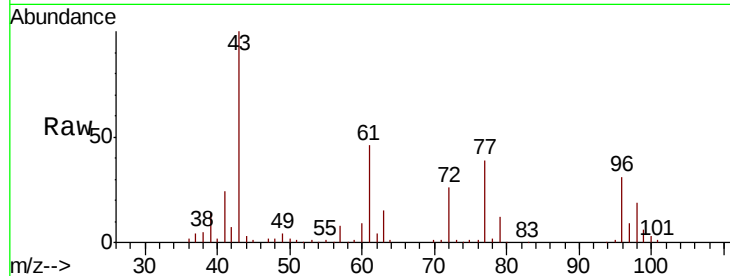




#25
2-Butanone
Concen: 294.321 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

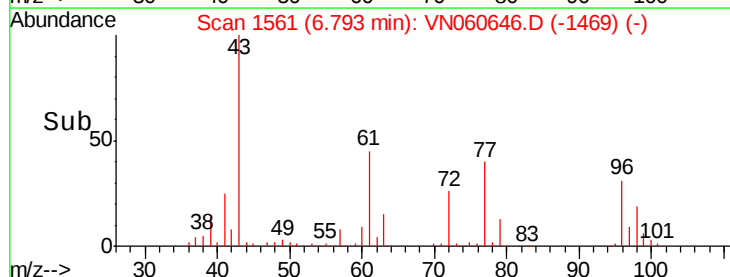
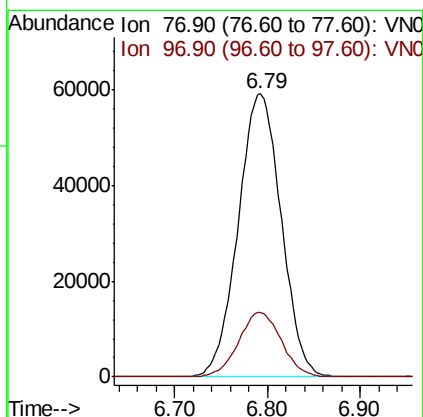
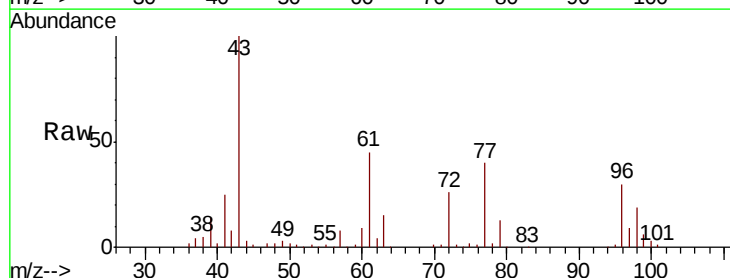
Instrument :
MSVOA_N
ClientSampled :

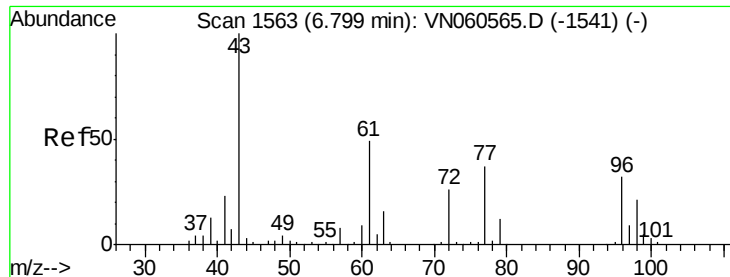
Tot Ion: 43 Resp: 431362
Ion Ratio Lower Upper
43 100
72 26.0 20.4 30.6



#26
2,2-Dichloropropane
Concen: 59.179 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 77 Resp: 190202
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 54.550 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

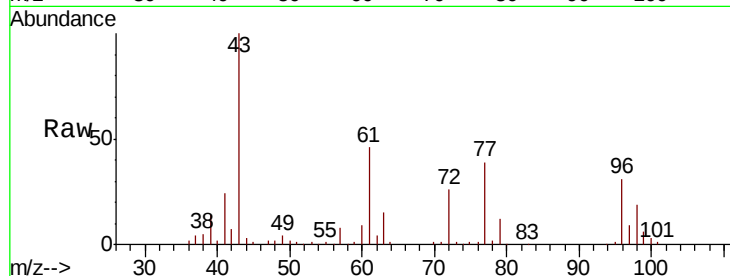
Tot Ion: 96 Resp: 133233

Ion Ratio Lower Upper

96 100

61 153.5 0.0 305.6

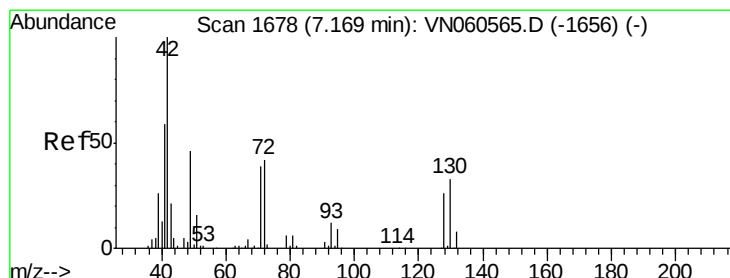
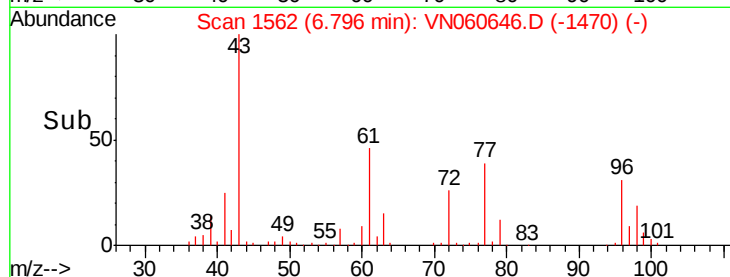
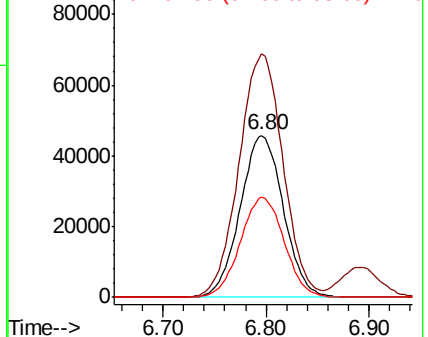
98 62.8 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN060565.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN060565.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-1541) (-)



#28

Bromochloromethane

Concen: 56.483 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

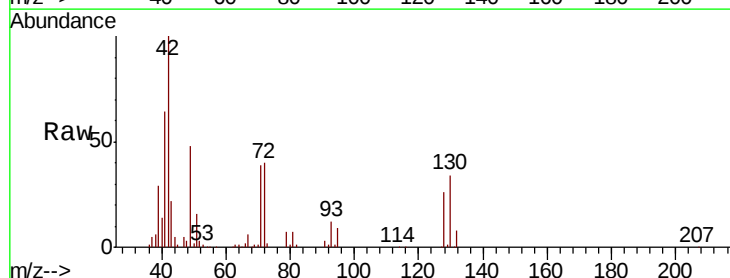
Tgt Ion: 49 Resp: 110393

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.4

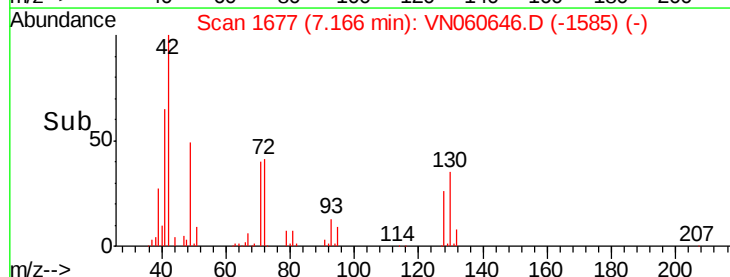
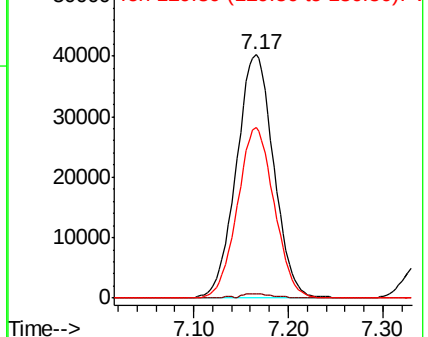
130 68.9 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN060565.D (-1656) (-)

Ion 128.80 (128.50 to 129.50): VN060565.D (-1656) (-)

Ion 129.80 (129.50 to 130.50): VN060565.D (-1656) (-)

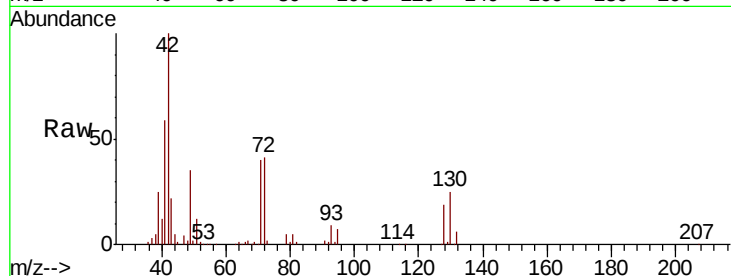




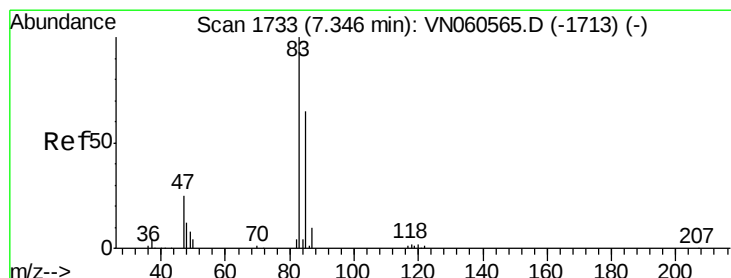
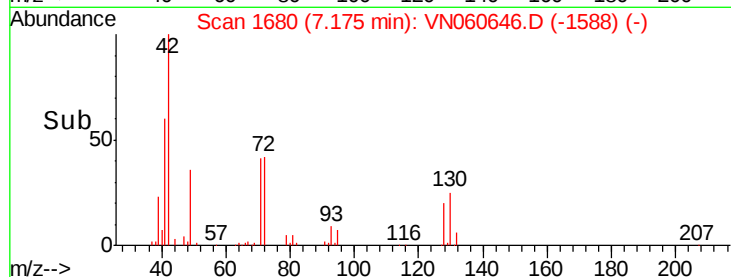
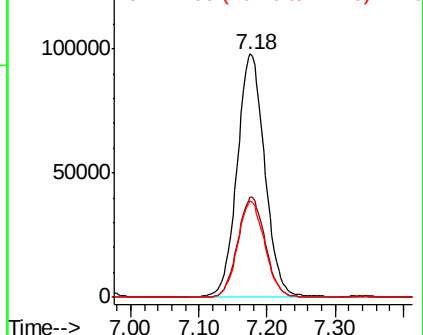
#29
Tetrahydrofuran
Concen: 266.102 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 275944
Ion Ratio Lower Upper
42 100
72 40.8 33.2 49.8
71 38.7 31.1 46.7

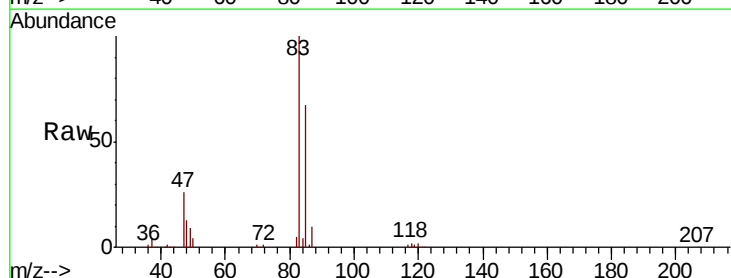


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

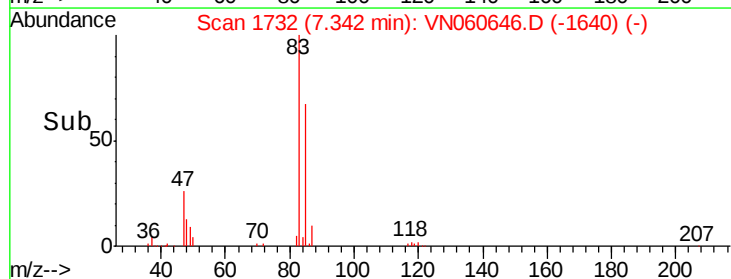
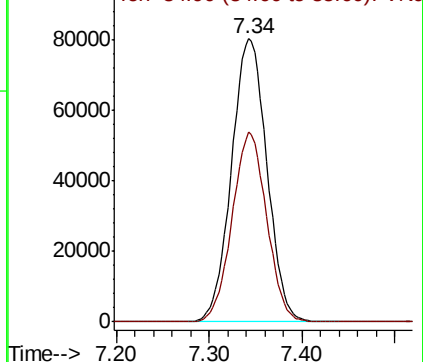


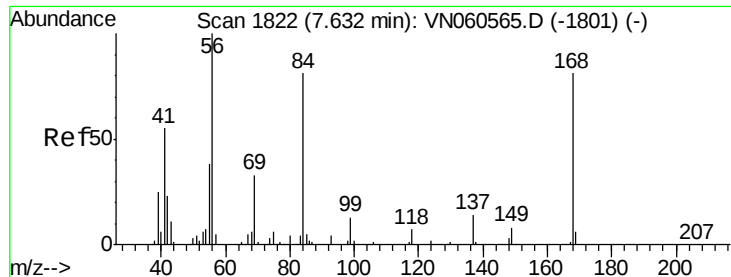
#30
Chloroform
Concen: 54.194 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 83 Resp: 212232
Ion Ratio Lower Upper
83 100
85 66.9 51.8 77.8



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

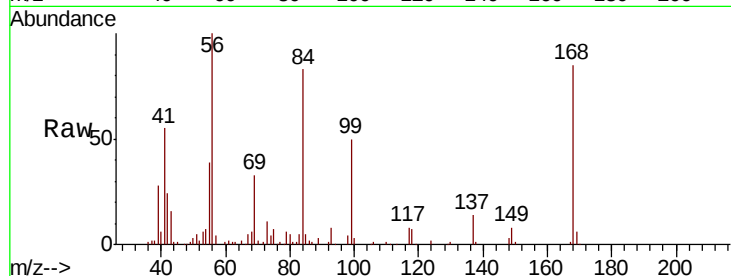




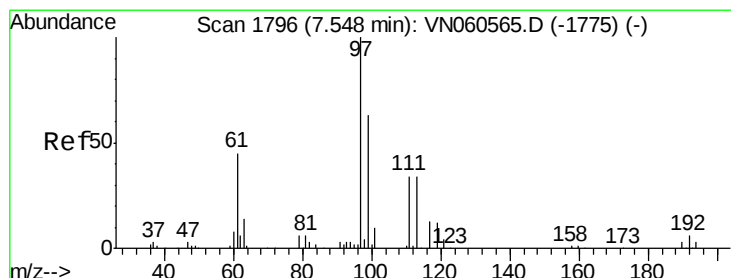
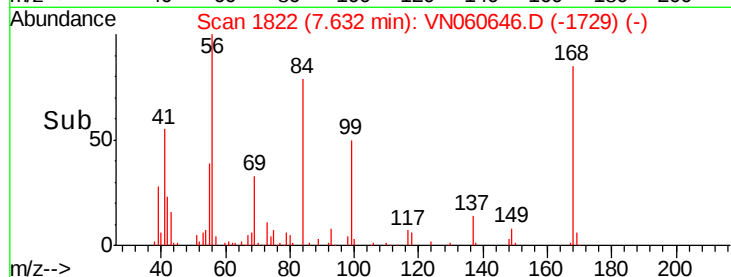
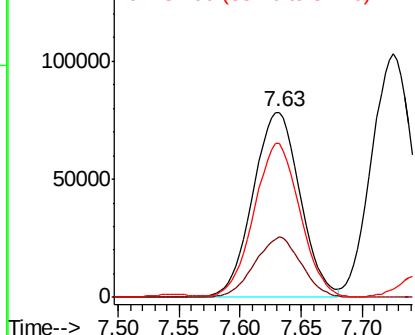
#31
Cyclohexane
Concen: 51.297 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 211257
Ion Ratio Lower Upper
56 100
69 32.6 26.6 40.0
84 81.6 64.3 96.5

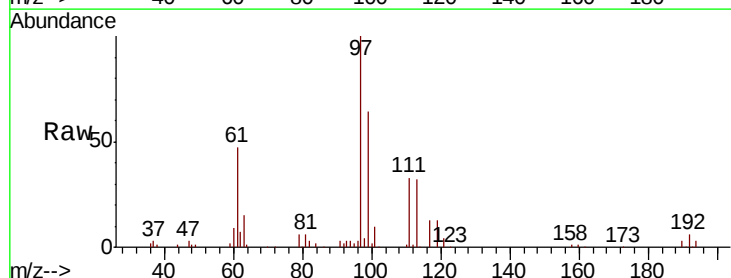


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

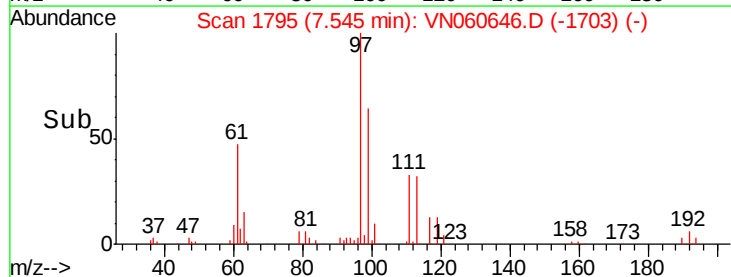
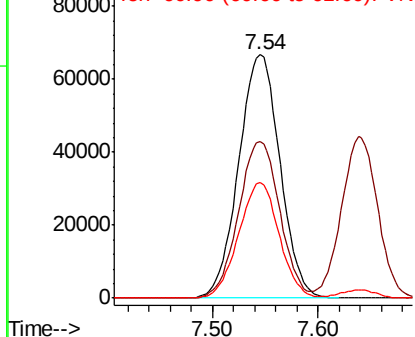


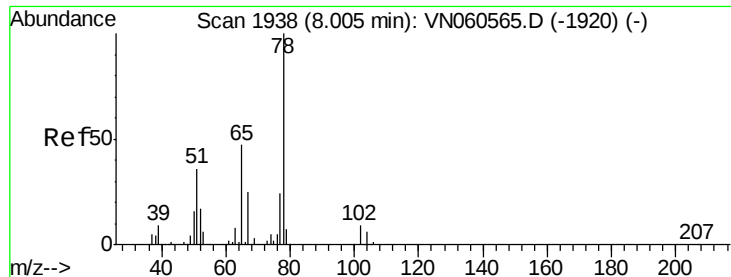
#32
1,1,1-Trichloroethane
Concen: 53.876 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 97 Resp: 181884
Ion Ratio Lower Upper
97 100
99 64.3 50.6 75.8
61 46.7 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

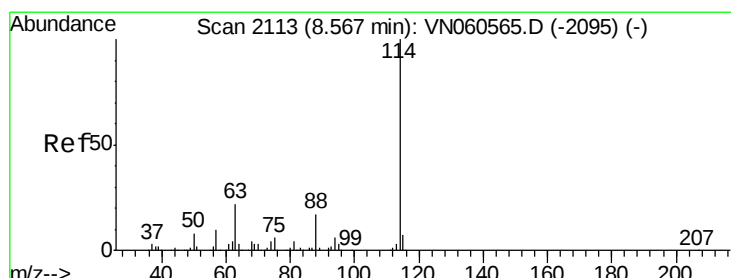
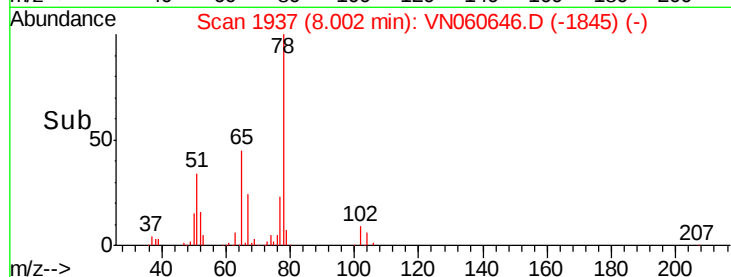
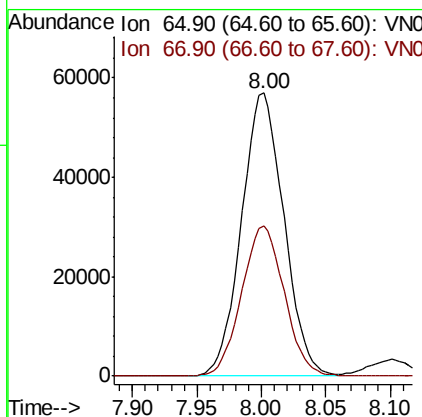
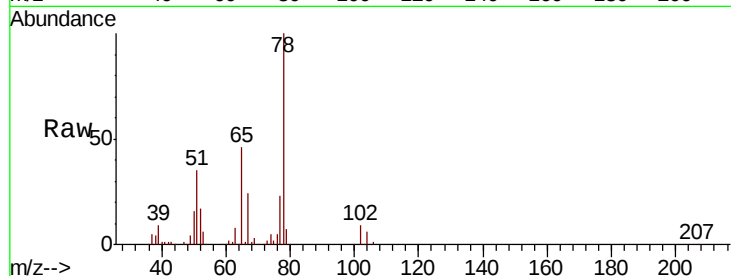




#33
 1,2-Dichloroethane-d4
 Concen: 51.005 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

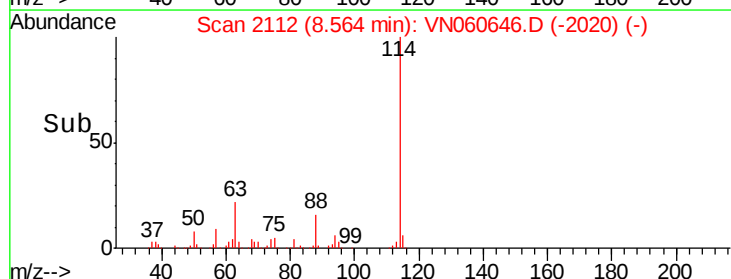
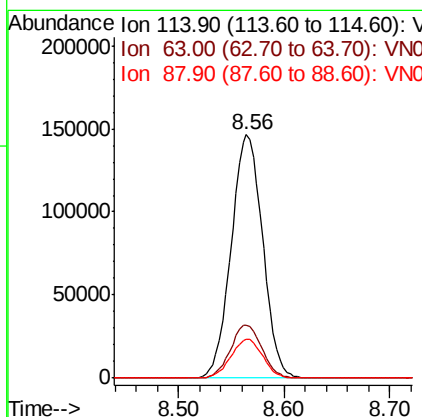
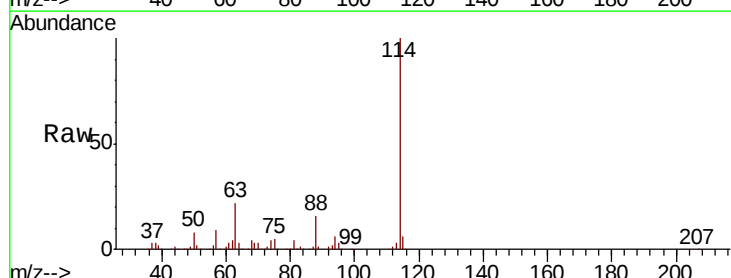
Instrument :
 MSVOA_N
 ClientSampleId :

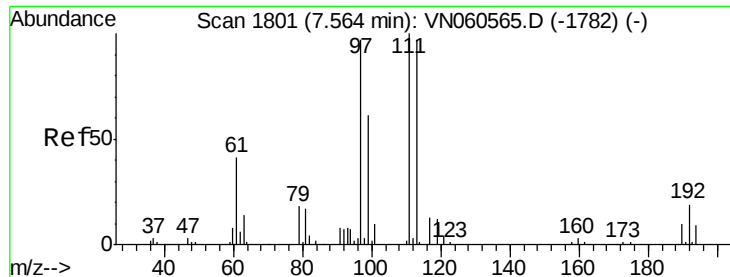
Tot Ion: 65 Resp: 130417
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Tgt Ion: 114 Resp: 302432
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 16.0 0.0 33.0

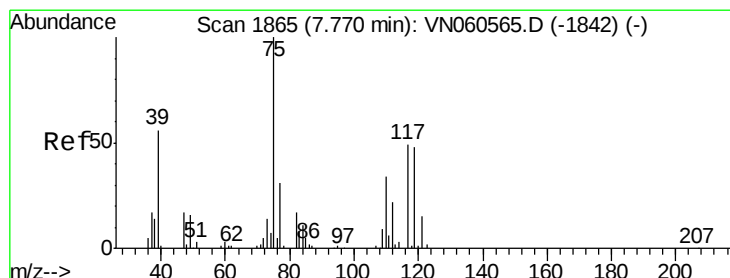
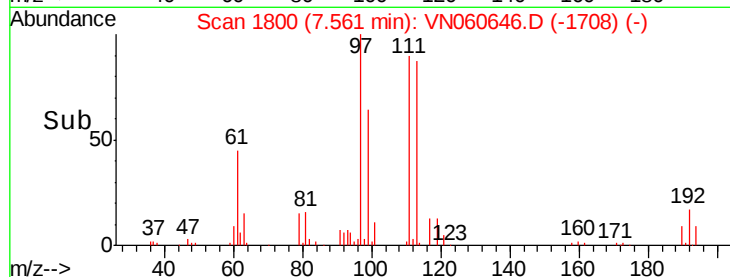
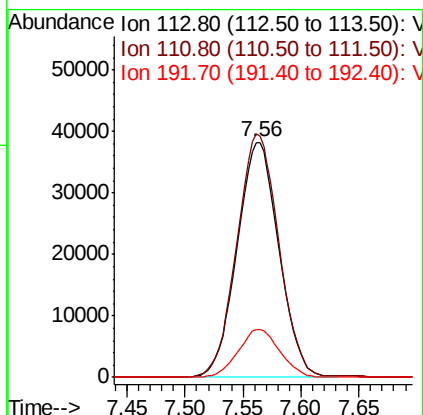
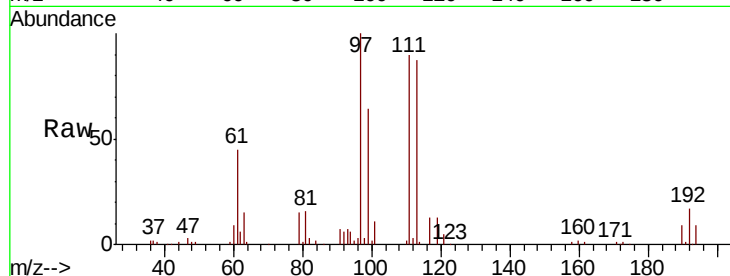




#35
 Dibromofluoromethane
 Concen: 52.593 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

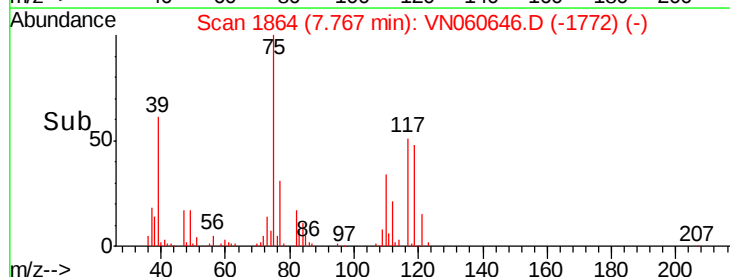
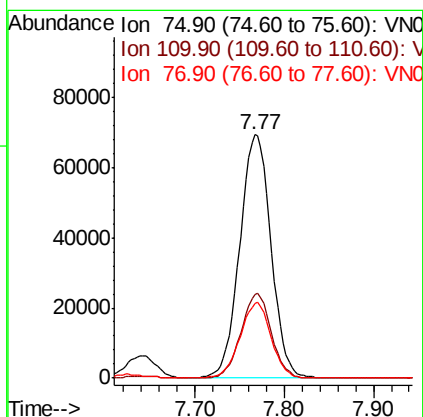
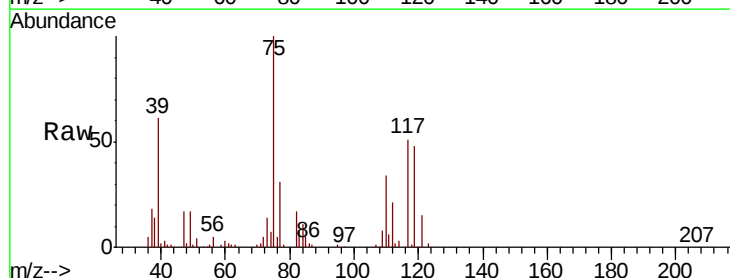
Instrument :
 MSVOA_N
 ClientSampled :

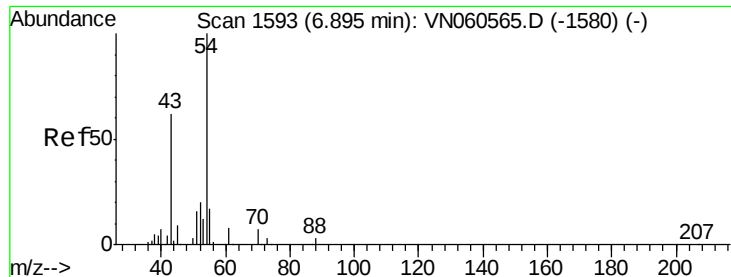
Tot Ion:113 Resp: 96178
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 20.1 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 57.830 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Tgt Ion: 75 Resp: 169355
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 30.7 24.6 36.8

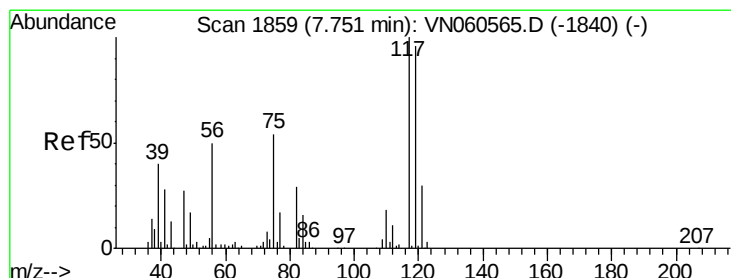
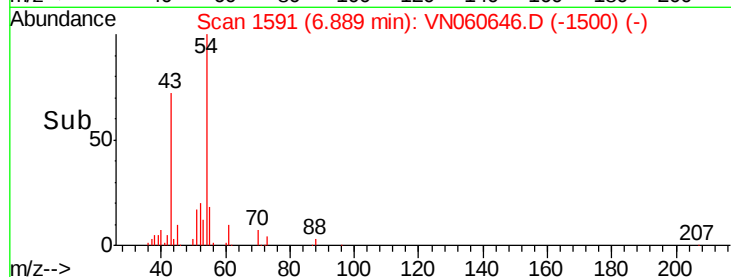
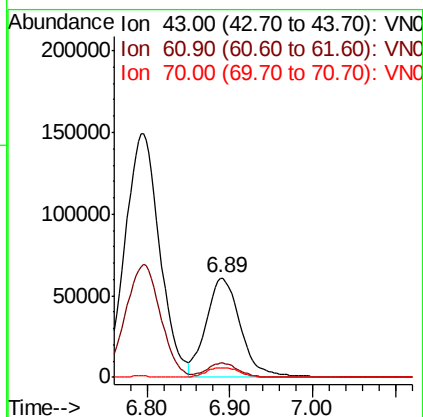
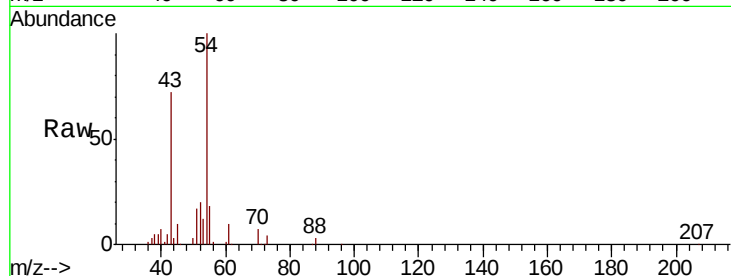




#37
Ethyl Acetate
Concen: 54.906 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

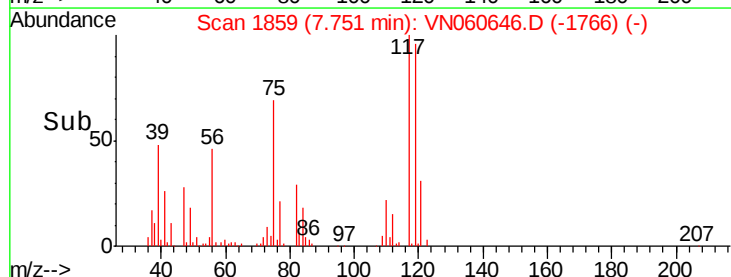
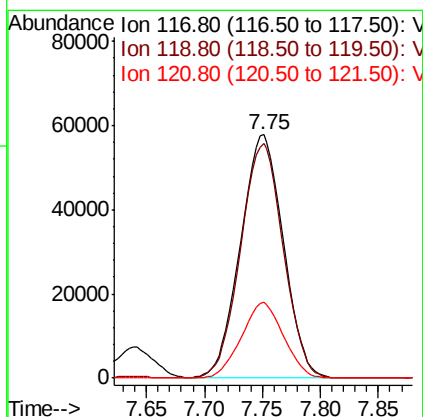
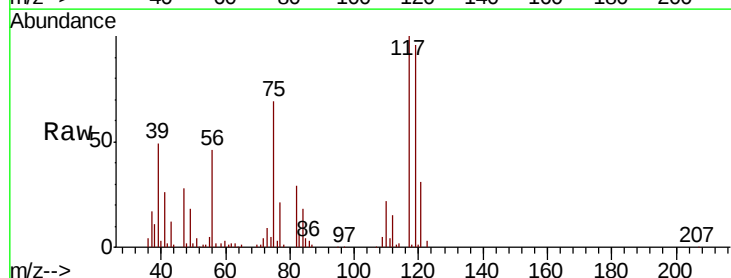
Instrument :
MSVOA_N
ClientSampleId :

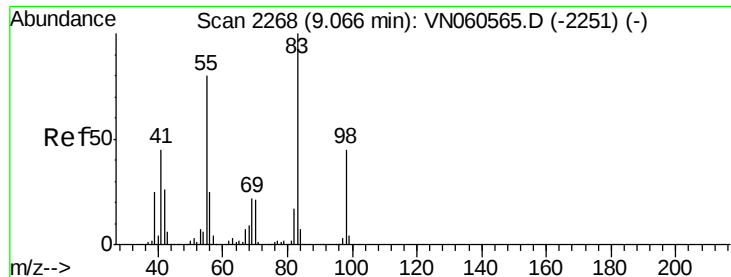
Tot Ion: 43 Resp: 173738
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 56.663 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 117 Resp: 148722
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.2
121 31.0 23.7 35.5

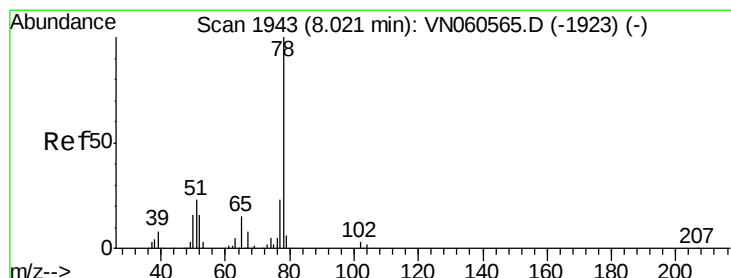
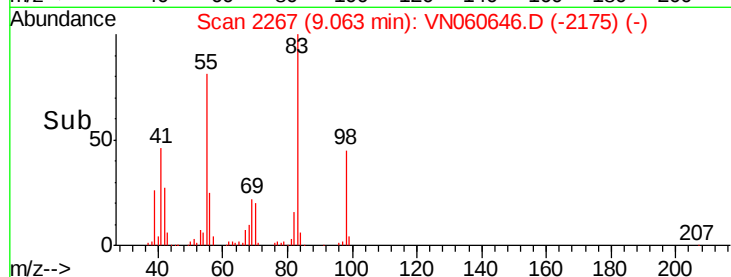
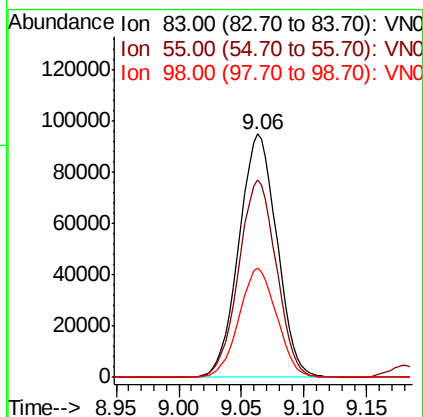
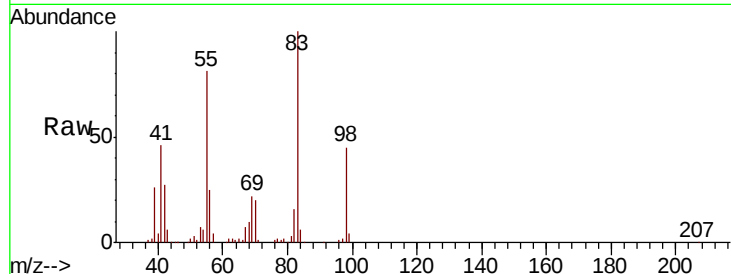




#39
Methvlcvclohexane
Concen: 57.398 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

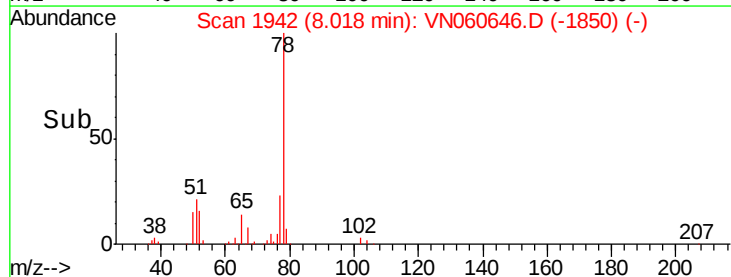
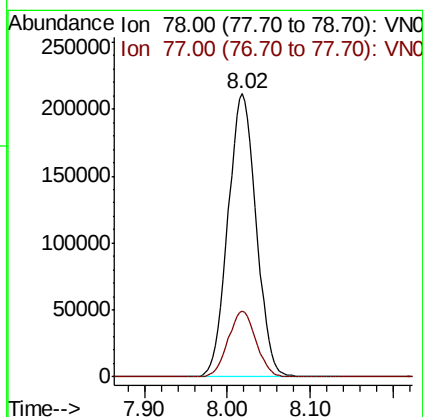
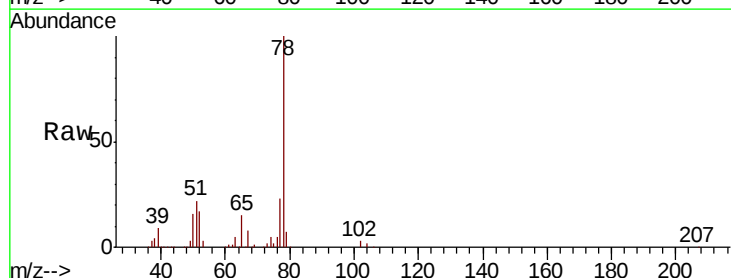
Instrument :
MSVOA_N
ClientSampled :

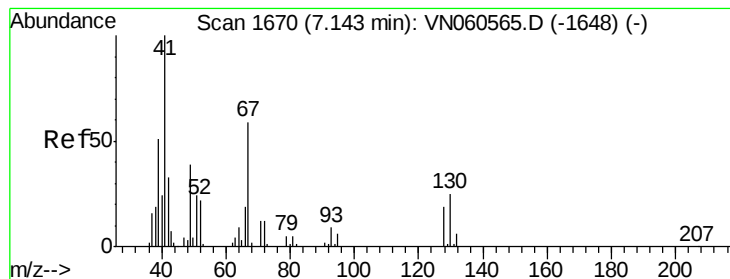
Tot Ion: 83 Resp: 199752
Ion Ratio Lower Upper
83 100
55 81.0 63.6 95.4
98 45.0 36.0 54.0



#40
Benzene
Concen: 56.542 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 78 Resp: 499849
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

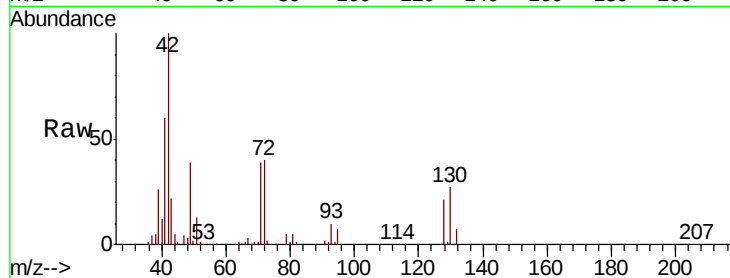




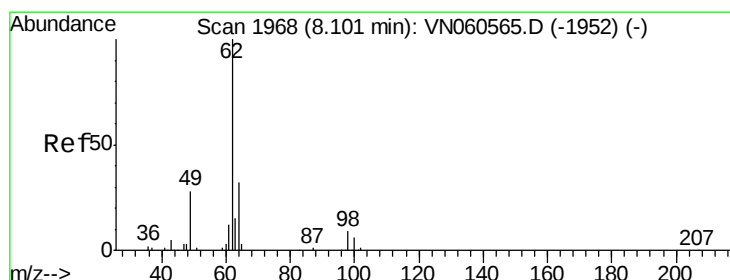
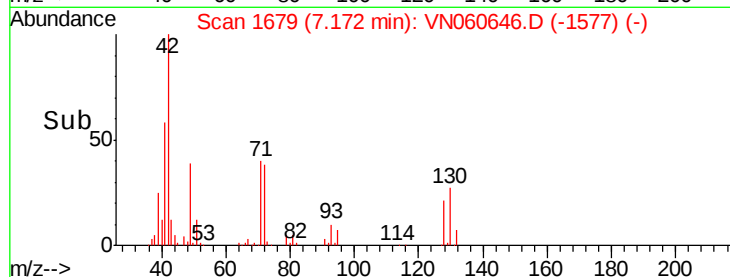
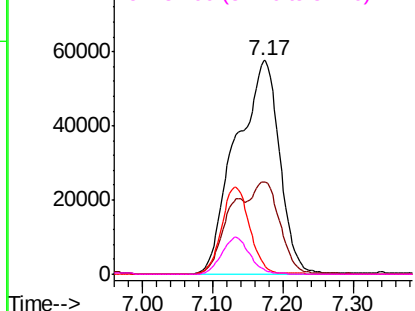
#41
Methacrylonitrile
Concen: 184.339 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	248936
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

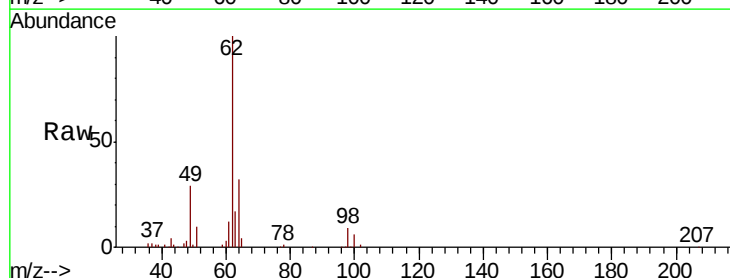


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

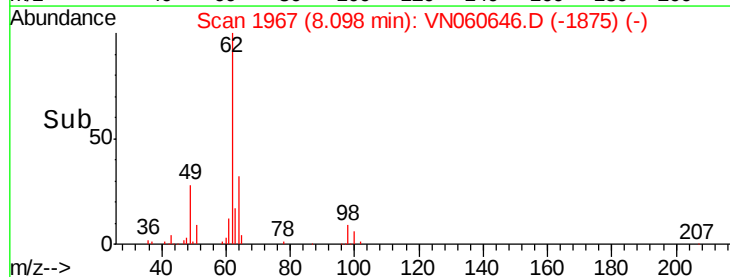
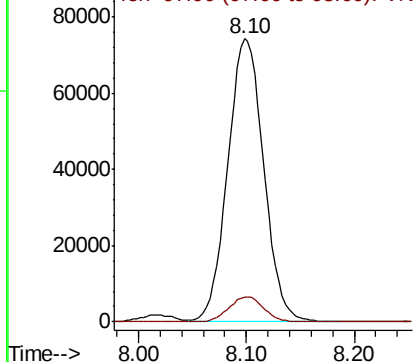


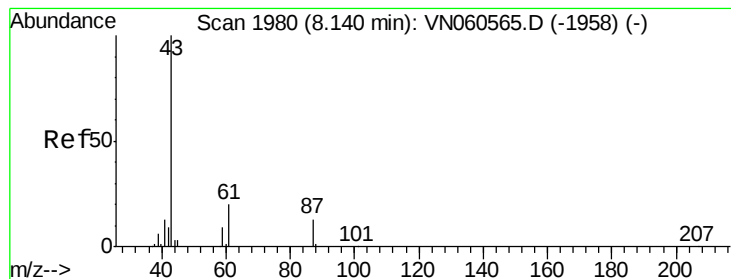
#42
1,2-Dichloroethane
Concen: 57.256 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion:	62	Resp:	172984
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: 55.255 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

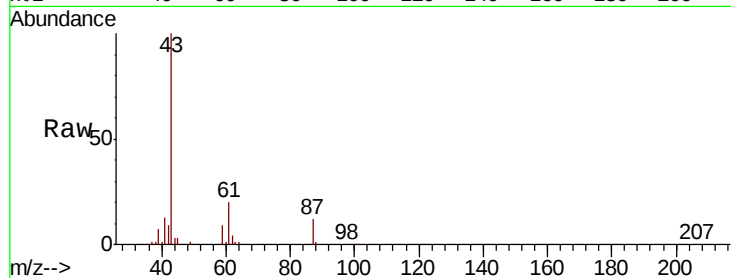
Tot Ion: 43 Resp: 288348

Ion Ratio Lower Upper

43 100

61 26.0 20.7 31.1

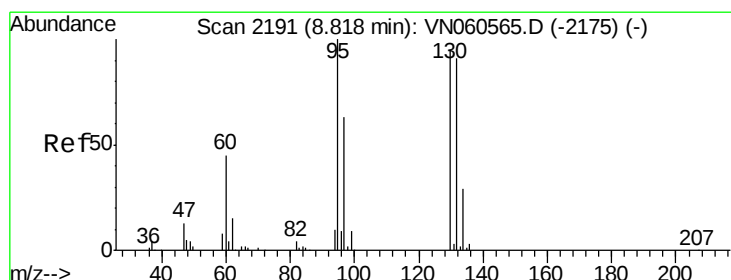
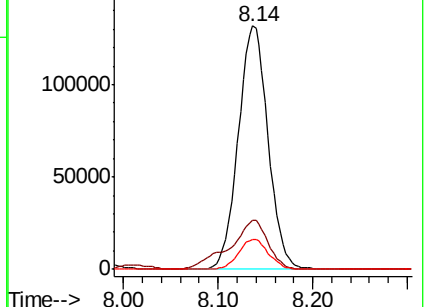
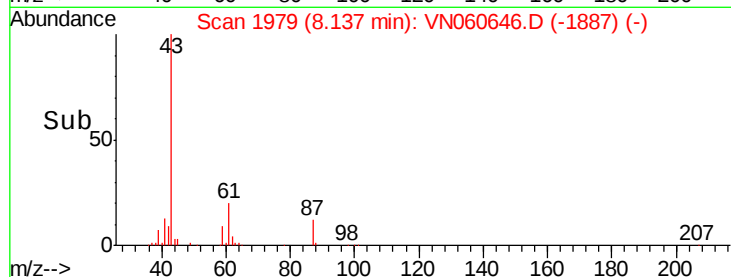
87 12.2 9.8 14.8



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: 57.588 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060646.D

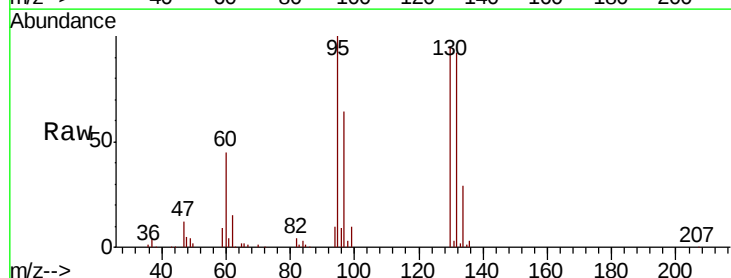
Acq: 20 Mar 2020 11:32

Tgt Ion:130 Resp: 128337

Ion Ratio Lower Upper

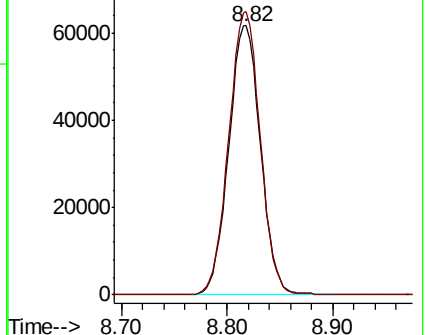
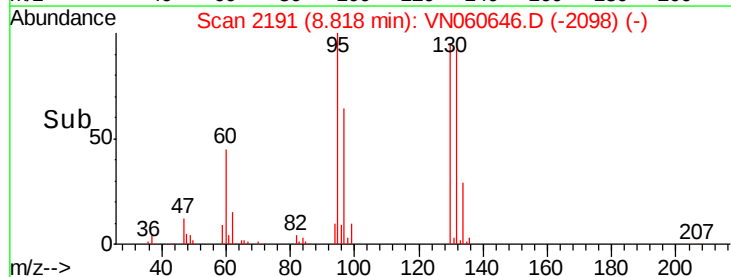
130 100

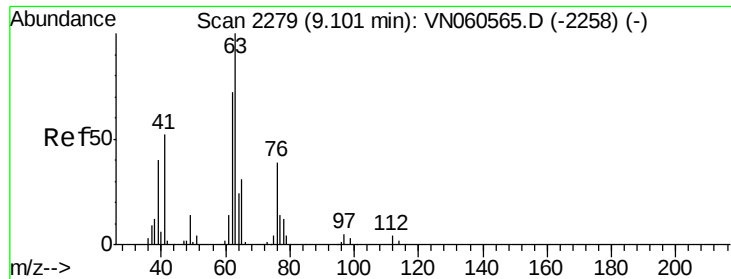
95 105.1 0.0 211.2



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

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

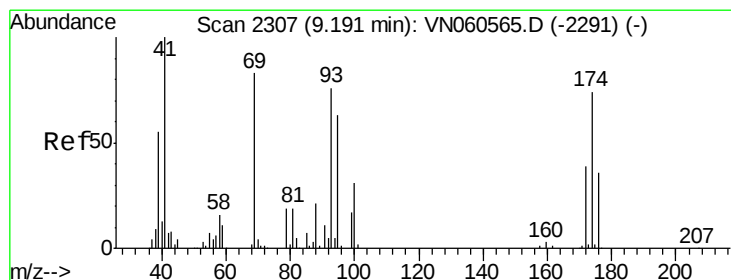
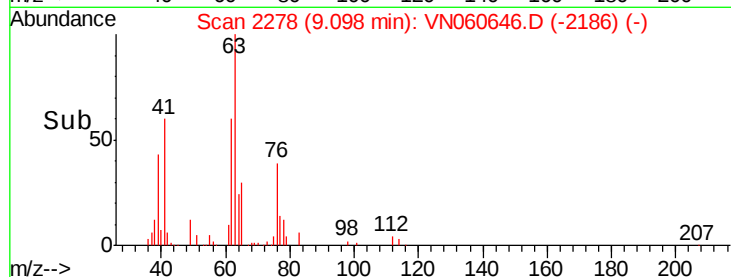
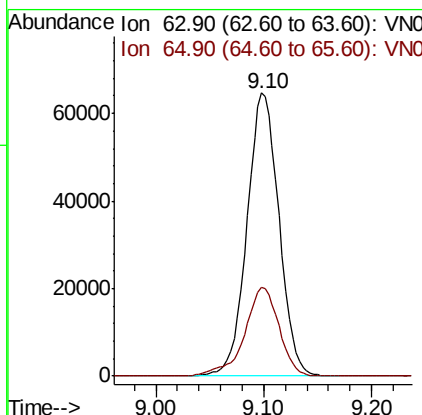
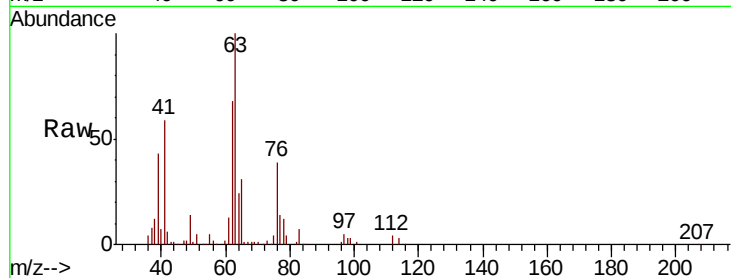




#45
 1,2-Dichloropropane
 Concen: 56.985 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

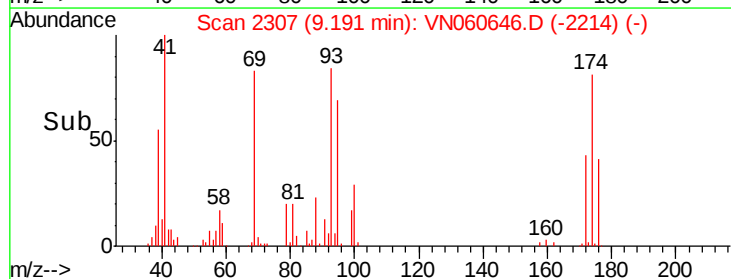
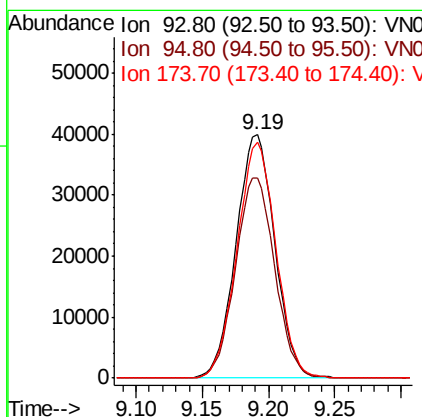
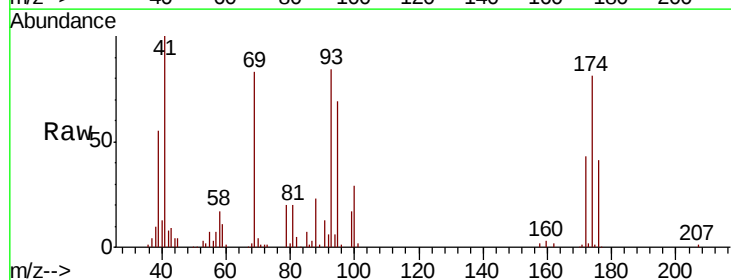
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 132929
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.4 38.0



#46
 Dibromomethane
 Concen: 57.471 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Tgt Ion: 93 Resp: 81048
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.4
 174 97.1 77.9 116.9





#47

Bromodichloromethane

Concen: 57.460 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :
MSVOA_N
ClientSampled :

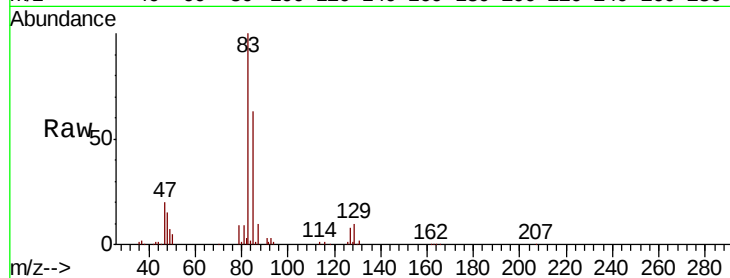
Tot Ion: 83 Resp: 168387

Ion Ratio Lower Upper

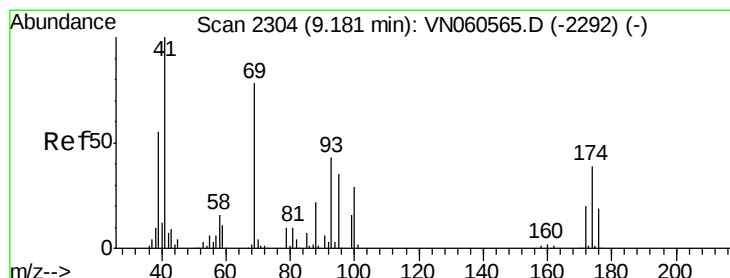
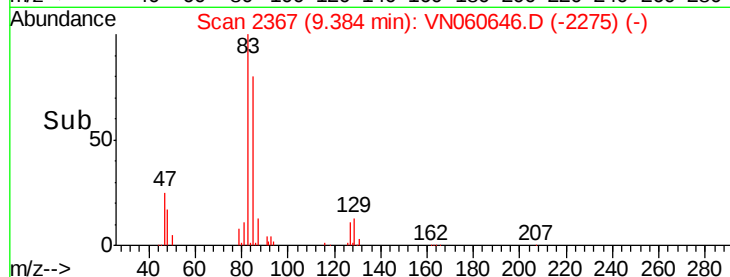
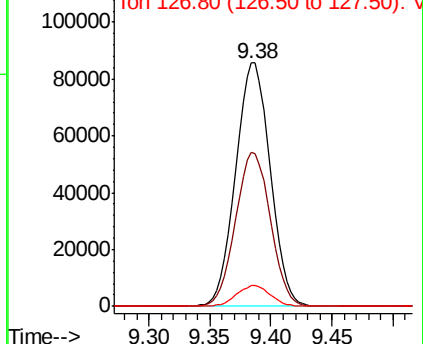
83 100

85 63.2 51.8 77.6

127 8.4 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.822 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

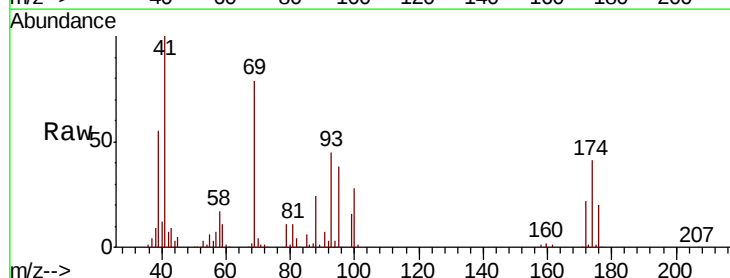
Tgt Ion: 41 Resp: 132022

Ion Ratio Lower Upper

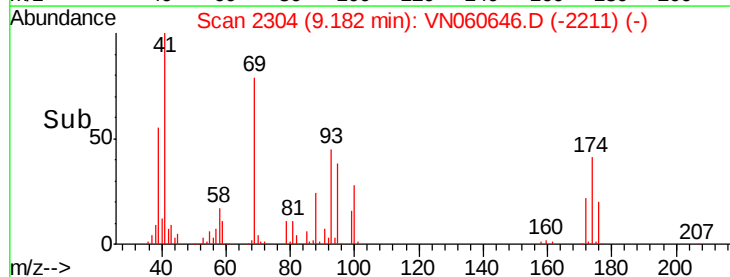
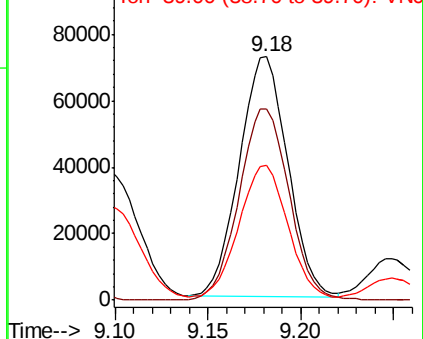
41 100

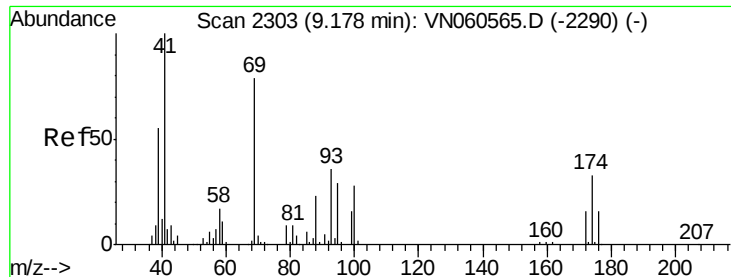
69 82.1 65.4 98.0

39 54.8 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

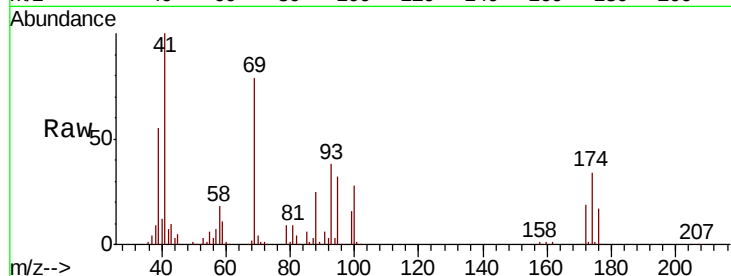




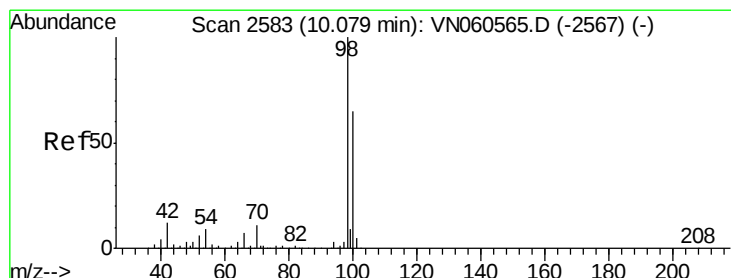
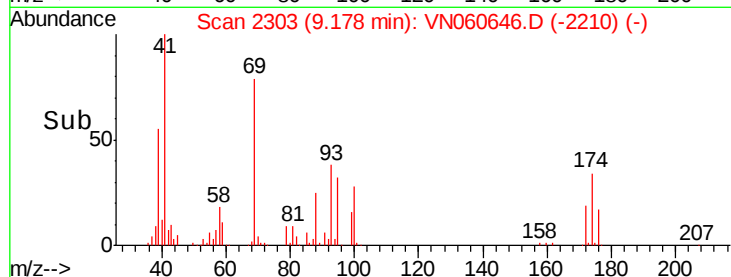
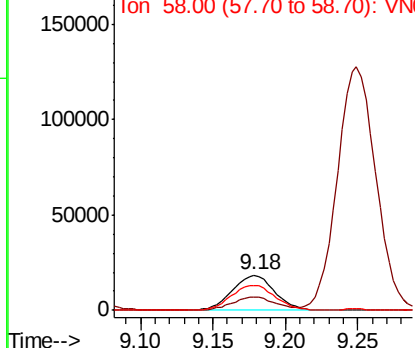
#49
 1,4-Dioxane
 Concen: 1355.520 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 37435
 Ion Ratio Lower Upper
 88 100
 43 36.2 30.8 46.2
 58 74.0 59.8 89.8

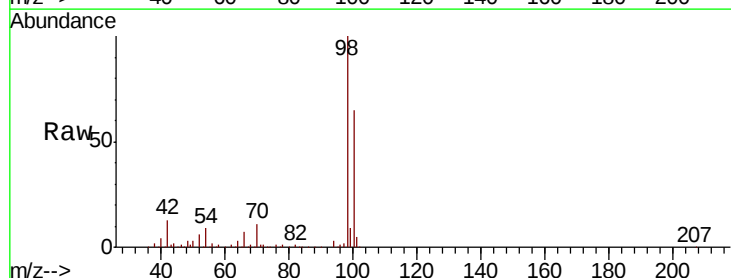


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

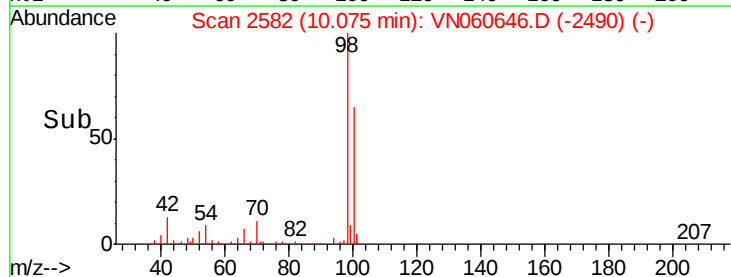
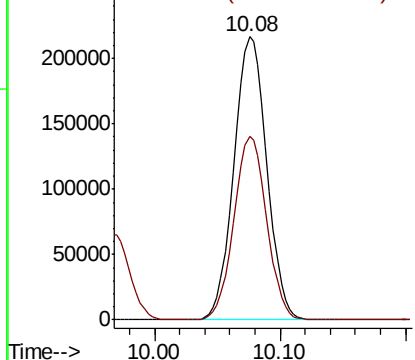


#50
 Toluene-d8
 Concen: 52.801 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Tgt Ion: 98 Resp: 394403
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.8 77.8



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

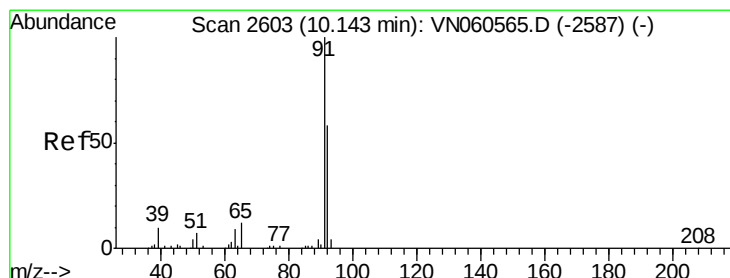
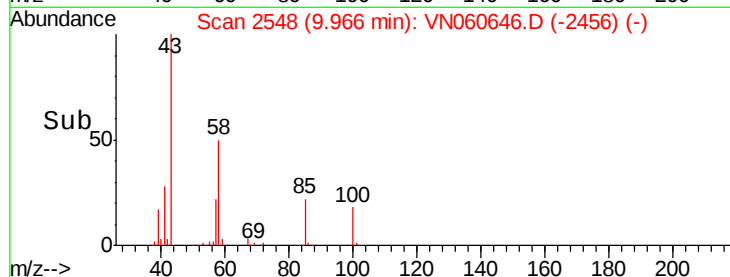
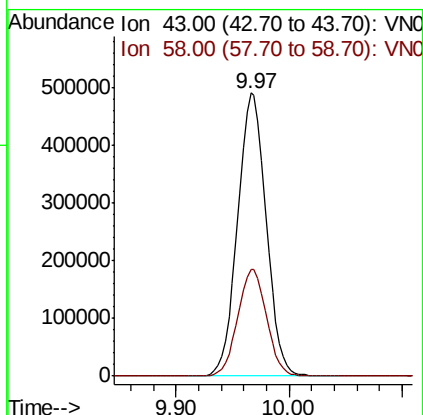
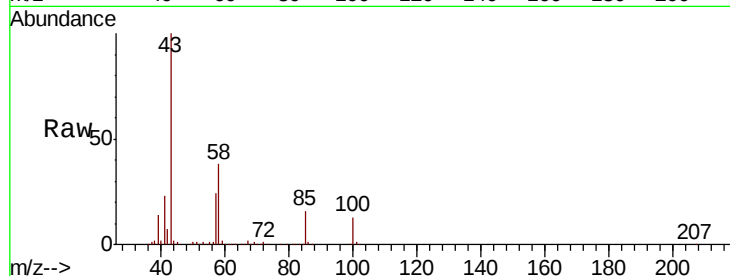




#51
4-Methyl-2-Pentanone
Concen: 290.122 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

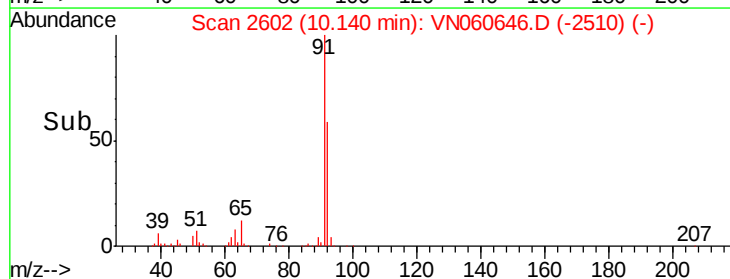
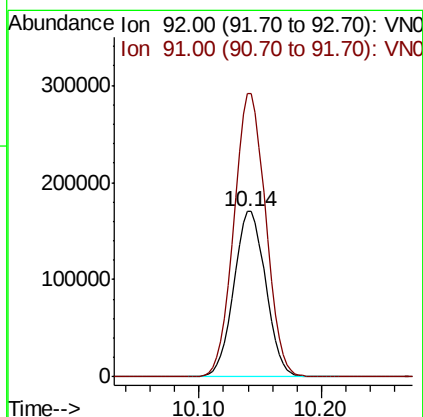
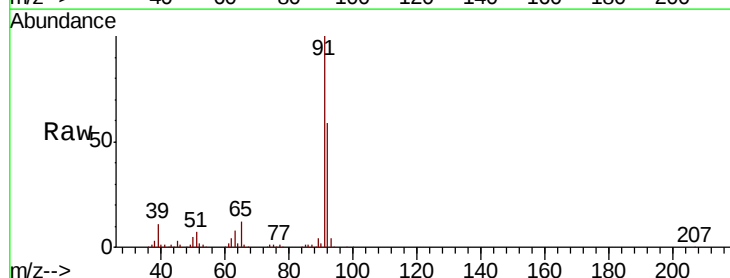
Instrument :
MSVOA_N
ClientSampled :

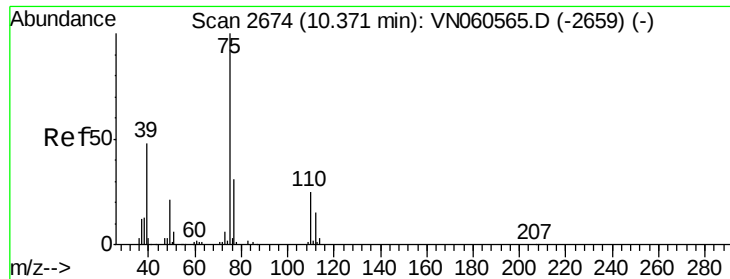
Tot Ion: 43 Resp: 861537
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2



#52
Toluene
Concen: 57.701 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 92 Resp: 308066
Ion Ratio Lower Upper
92 100
91 170.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 58.662 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

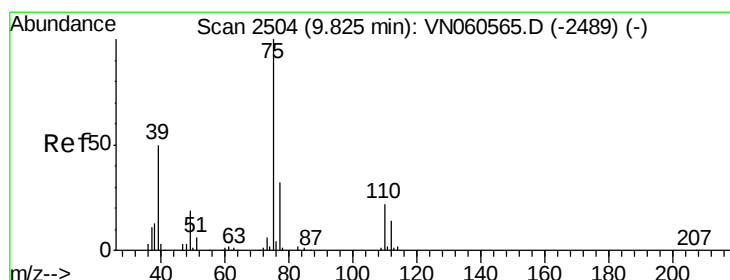
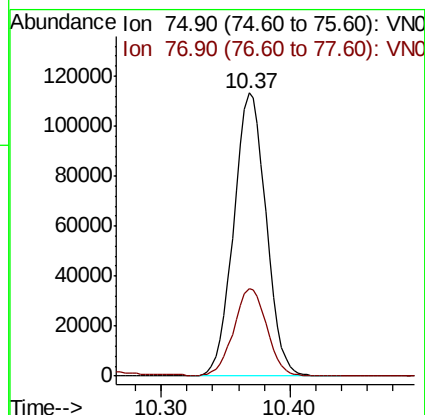
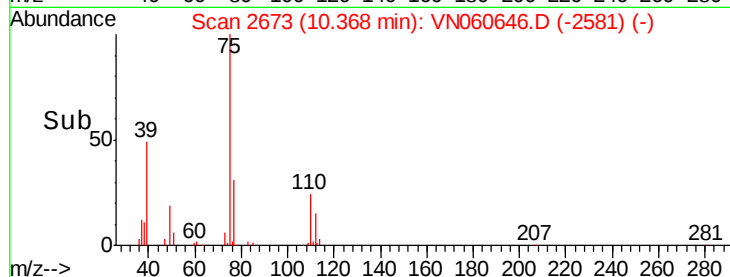
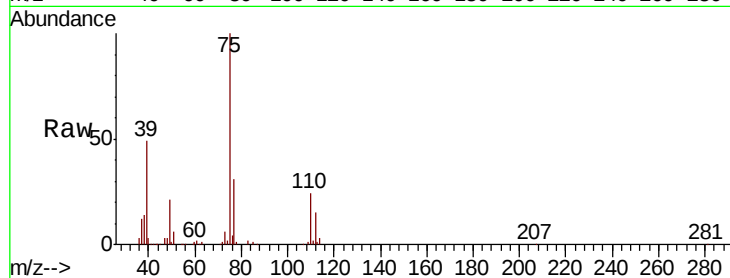
ClientSampleId :

Tot Ion: 75 Resp: 197468

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 57.207 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

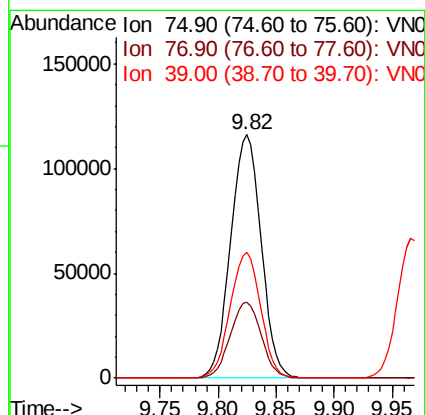
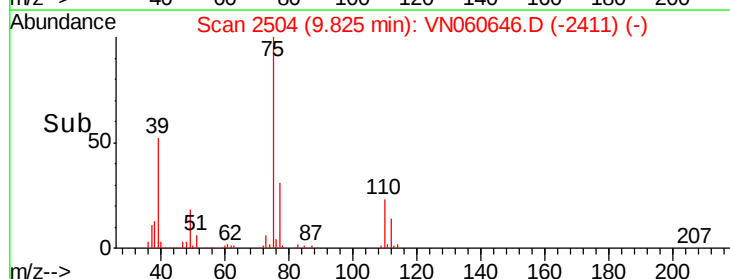
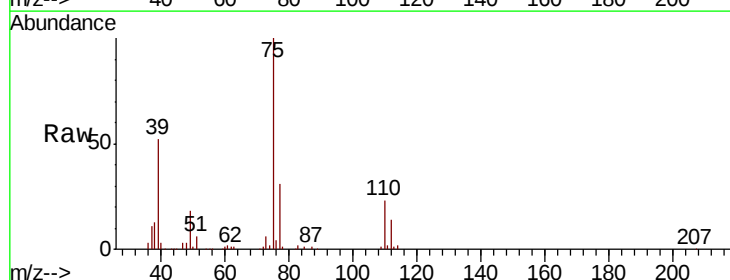
Tgt Ion: 75 Resp: 211259

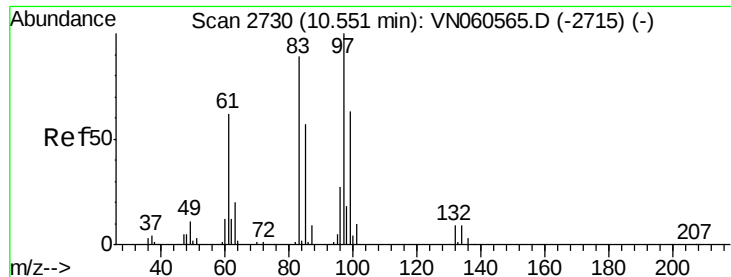
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 51.7 40.2 60.4



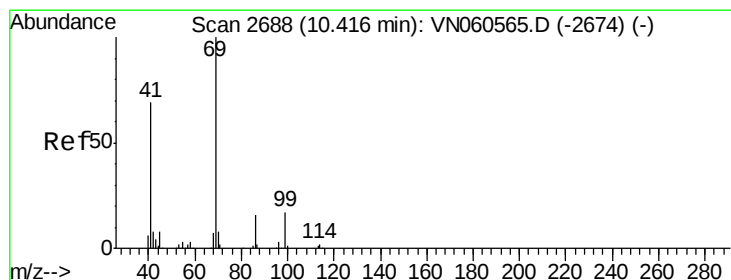
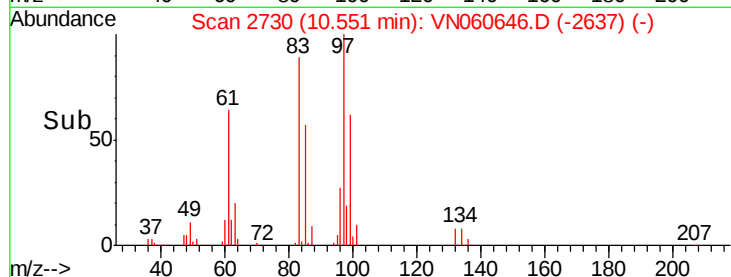
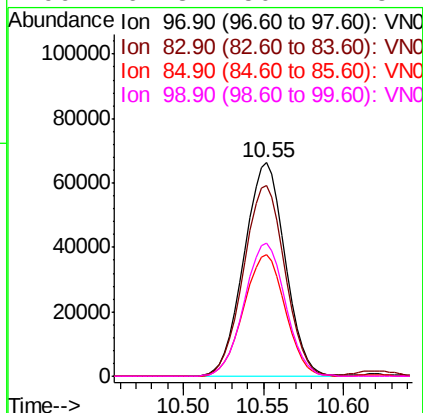
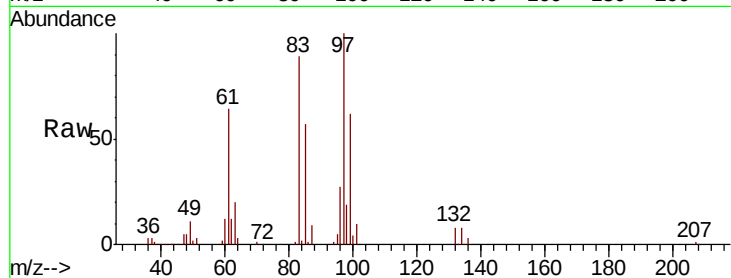


#55
 1,1,2-Trichloroethane
 Concen: 56.792 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 116650

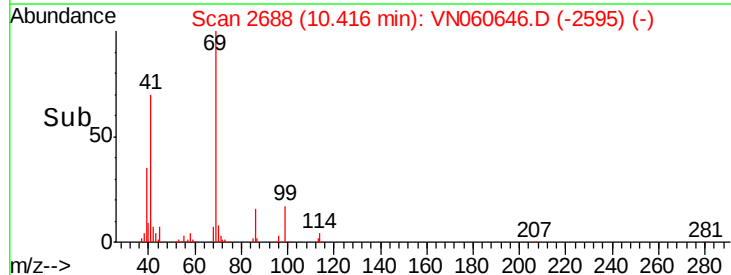
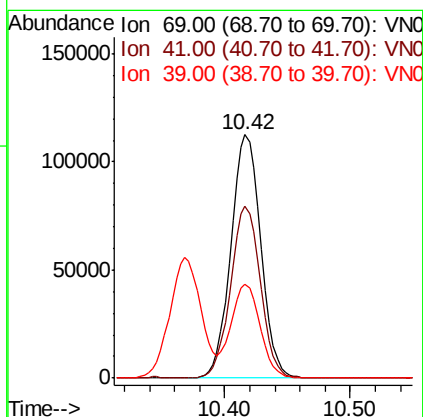
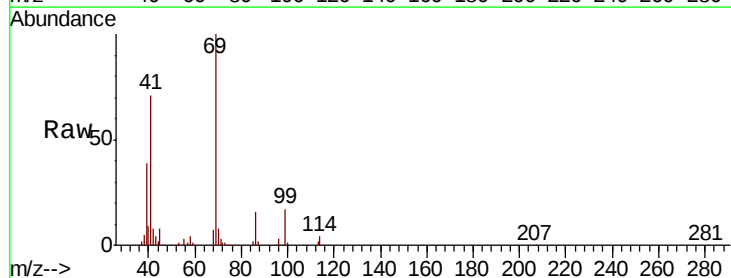
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.3	106.9
85	57.0	45.2	67.8
99	62.3	50.1	75.1

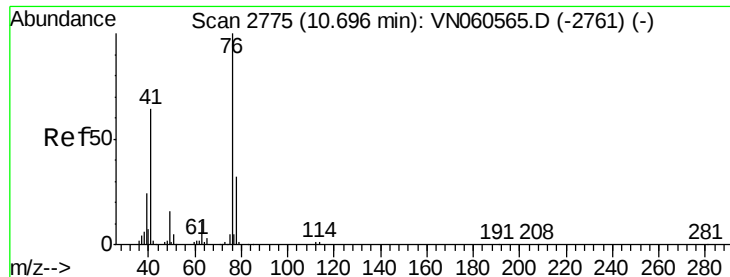


#56
 Ethyl methacrylate
 Concen: 58.112 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Tgt Ion: 69 Resp: 186112

Ion	Ratio	Lower	Upper
69	100		
41	70.0	55.4	83.2
39	38.2	29.4	44.0





#57

1,3-Dichloropropane

Concen: 57.122 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

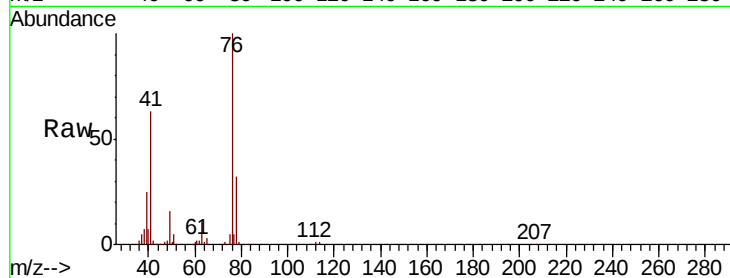
ClientSampled :

Tot Ion: 76 Resp: 203600

Ion Ratio Lower Upper

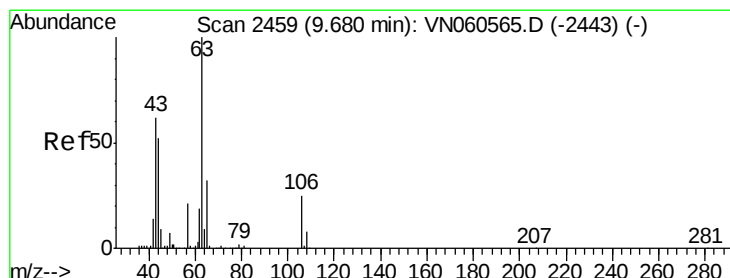
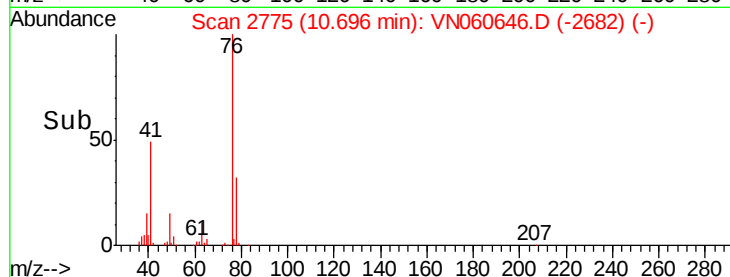
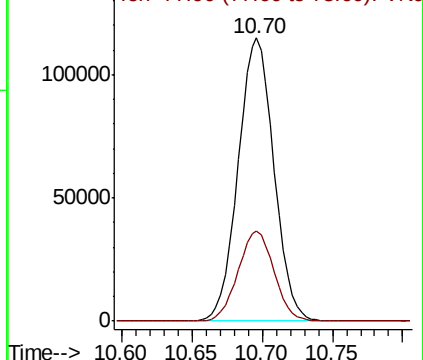
76 100

78 32.1 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: 257.717 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060646.D

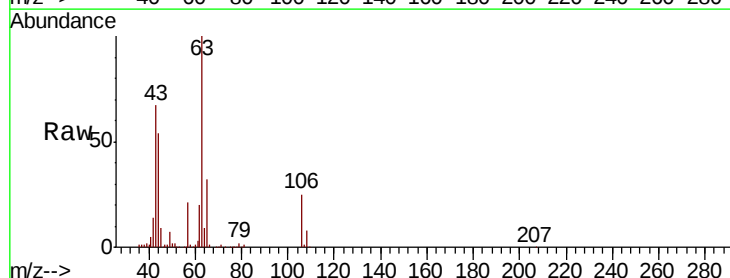
Acq: 20 Mar 2020 11:32

Tgt Ion: 63 Resp: 410220

Ion Ratio Lower Upper

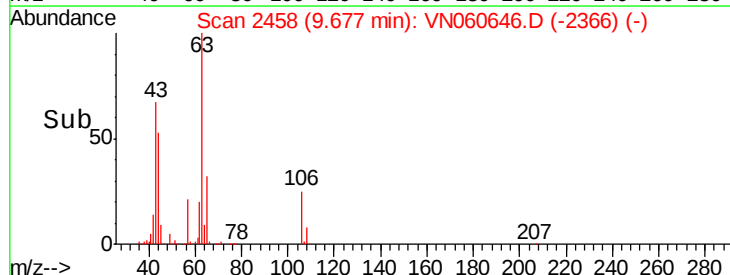
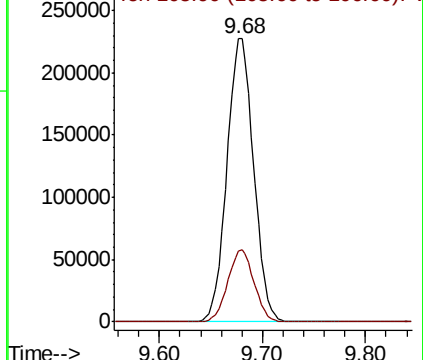
63 100

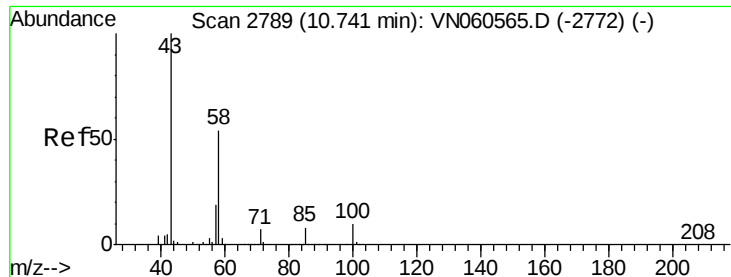
106 25.0 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

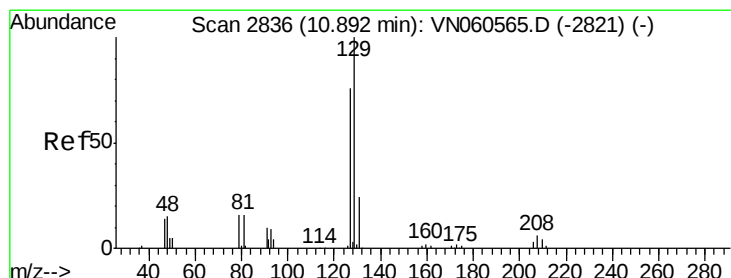
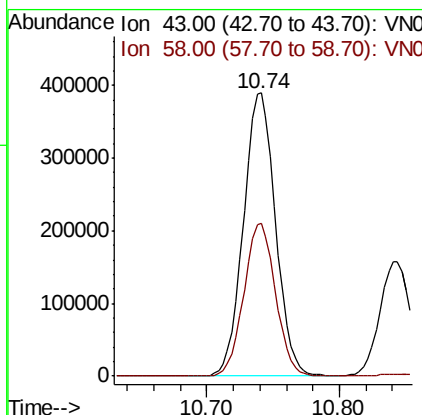
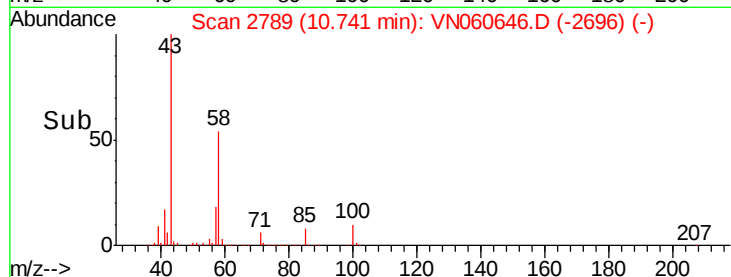
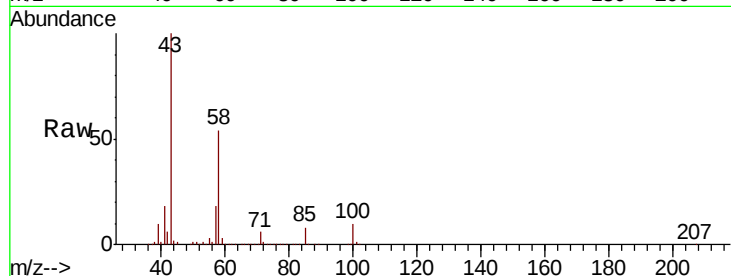




#59
2-Hexanone
Concen: 304.436 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

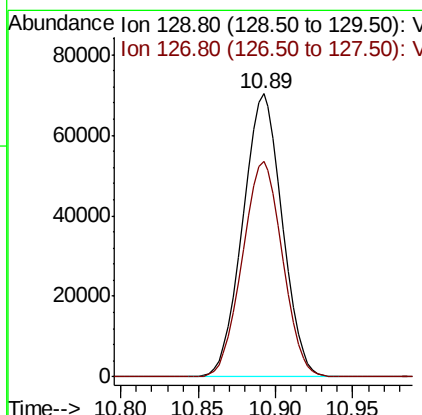
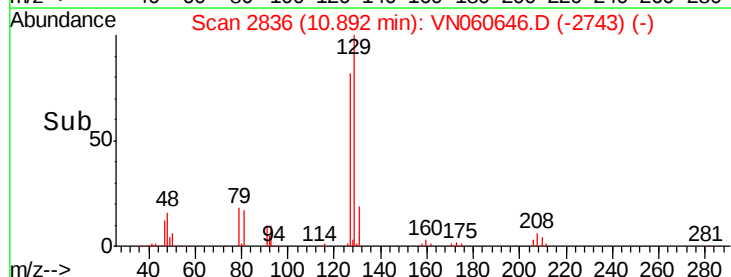
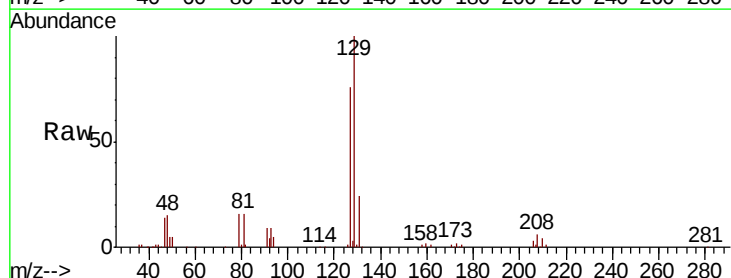
Instrument :
MSVOA_N
ClientSampled :

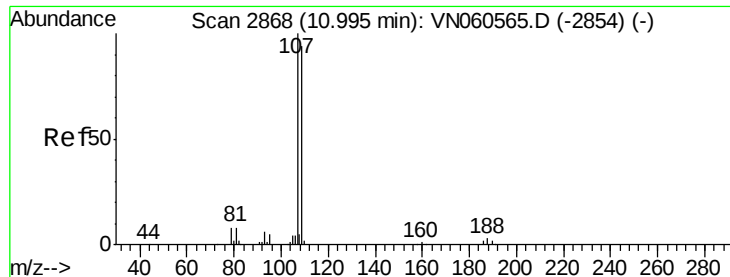
Tot Ion: 43 Resp: 651230
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 58.811 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion: 129 Resp: 124776
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

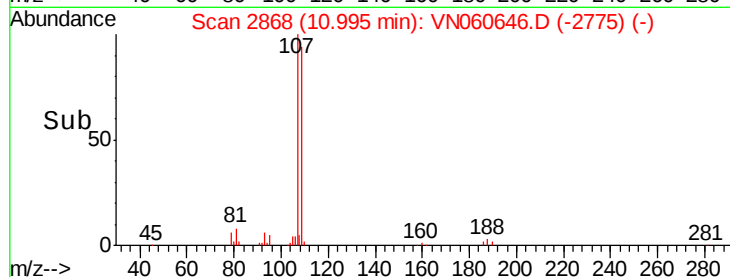
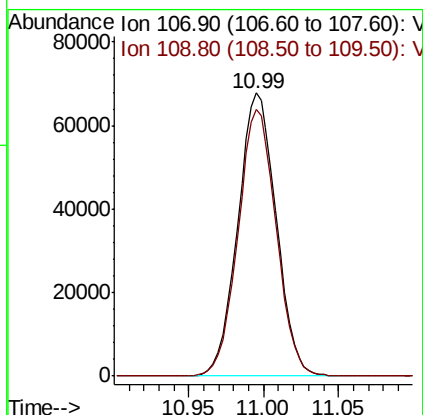
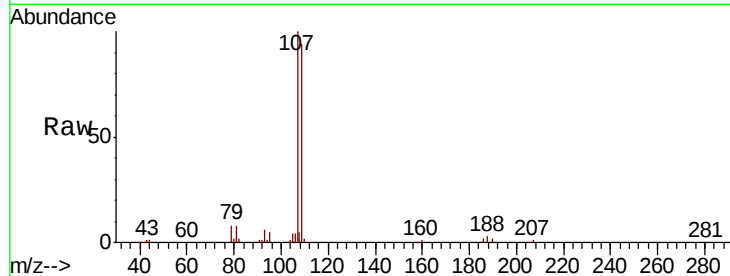




#61
 1,2-Dibromoethane
 Concen: 58.406 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

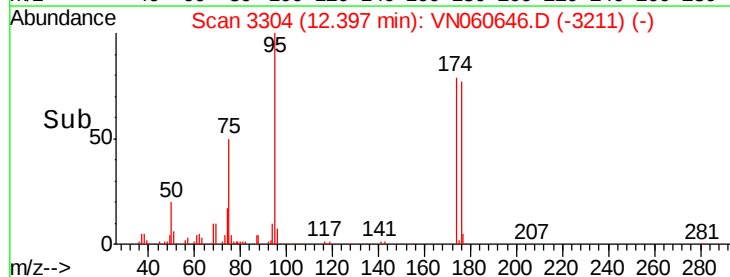
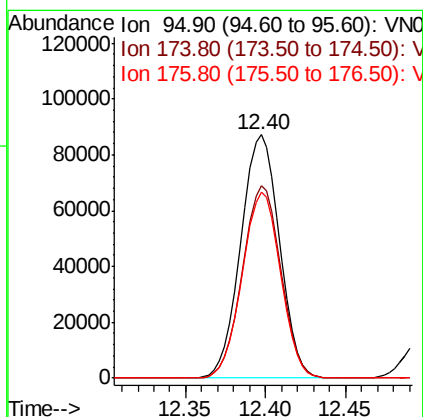
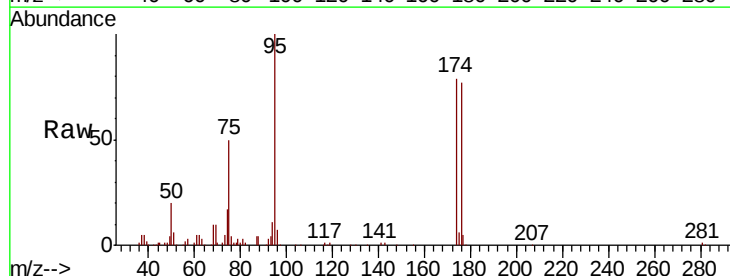
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 120631
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.523 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Tgt Ion: 95 Resp: 143781
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 157.6
 176 76.0 0.0 150.6

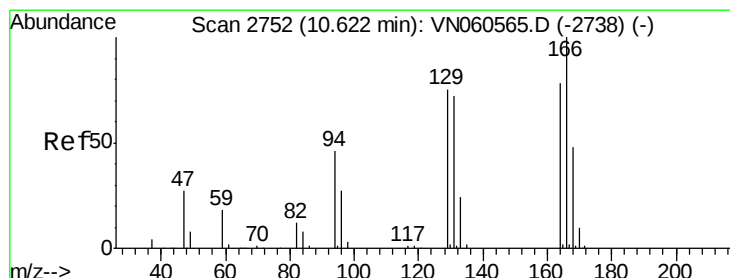
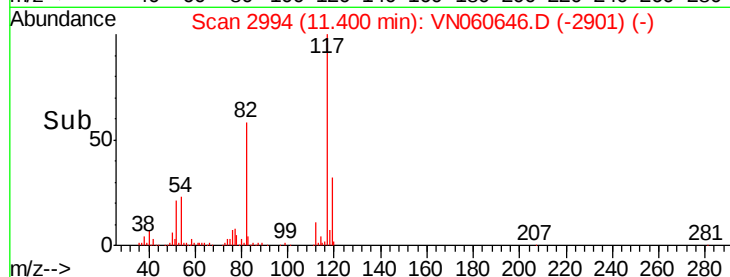
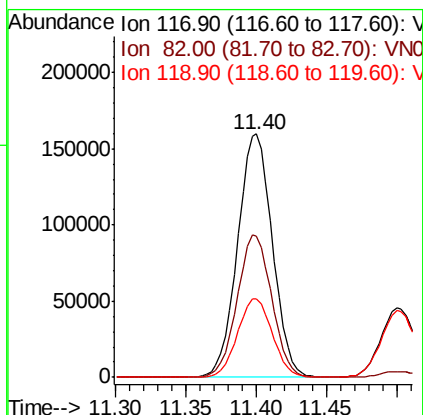
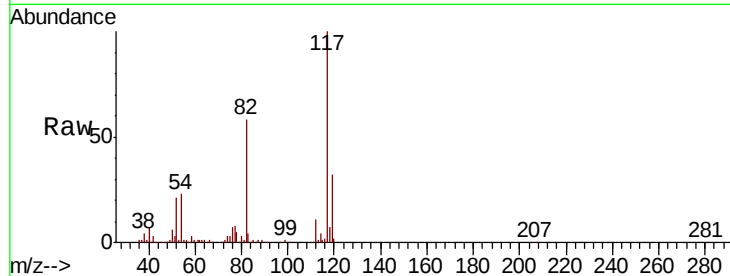




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

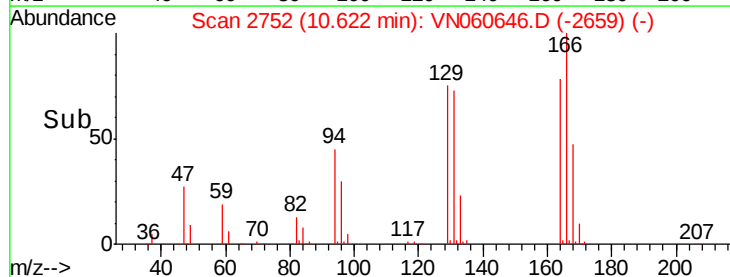
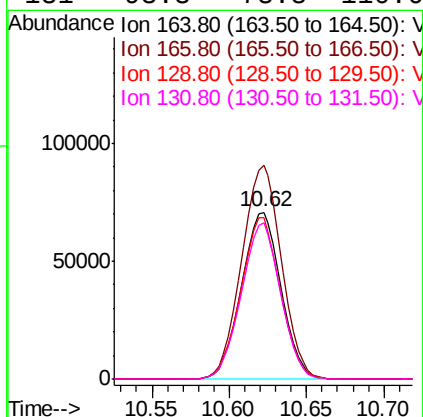
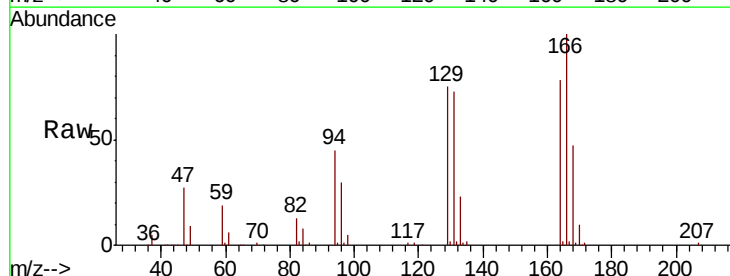
Instrument :
MSVOA_N
ClientSampled :

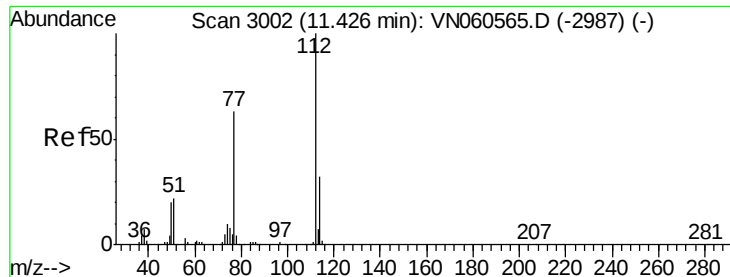
Tot Ion:117 Resp: 276023
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 57.971 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion:164 Resp: 125917
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 96.5 77.2 115.8
131 93.3 73.8 110.6

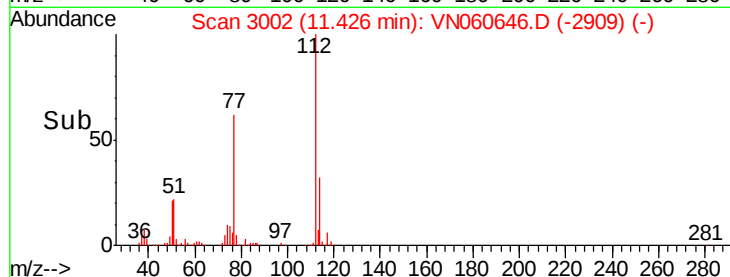
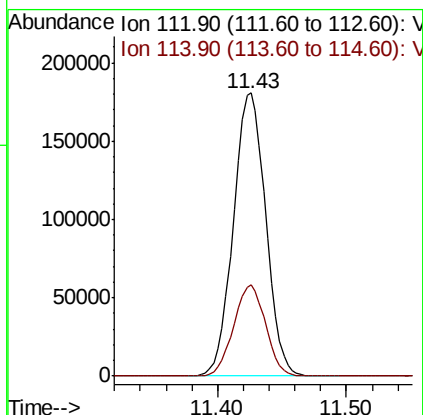
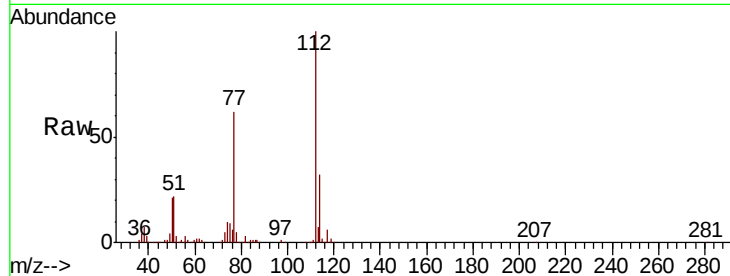




#65
Chlorobenzene
Concen: 57.362 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

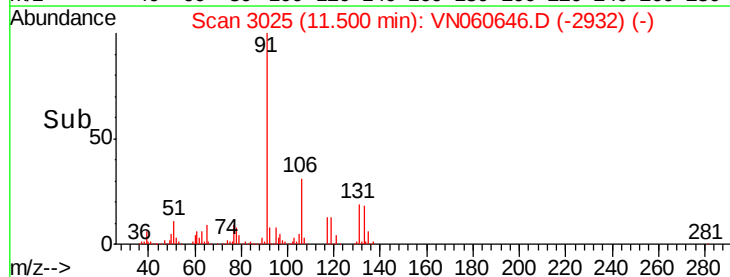
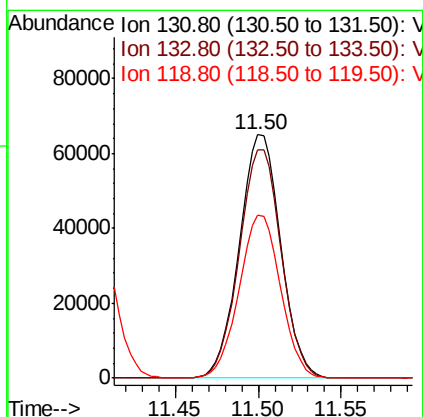
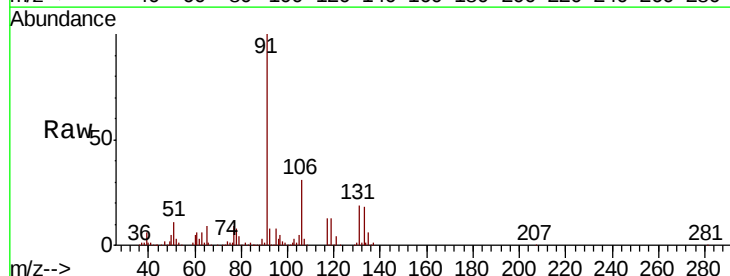
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 313876
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.168 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion:131 Resp: 113261
Ion Ratio Lower Upper
131 100
133 95.0 48.9 146.8
119 66.9 33.9 101.7





#67

Ethyl Benzene

Concen: 58.138 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

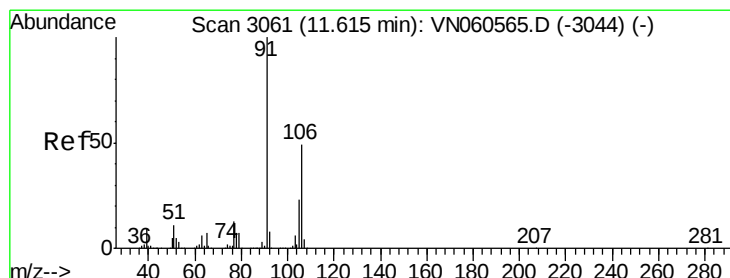
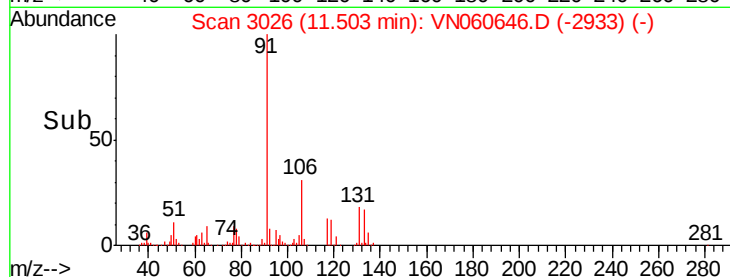
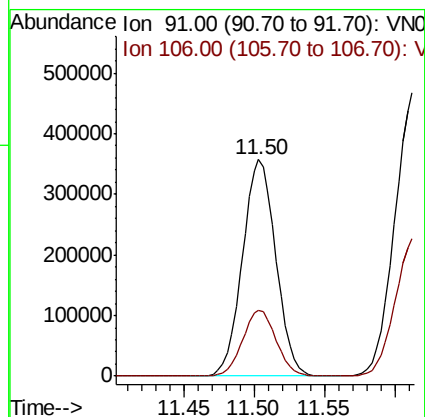
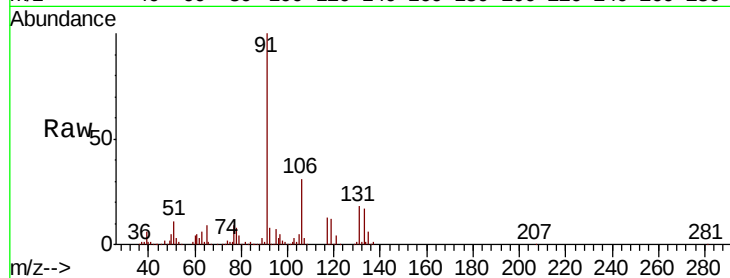
ClientSampled :

Tot Ion: 91 Resp: 591598

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.2



#68

m/p-Xylenes

Concen: 116.232 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060646.D

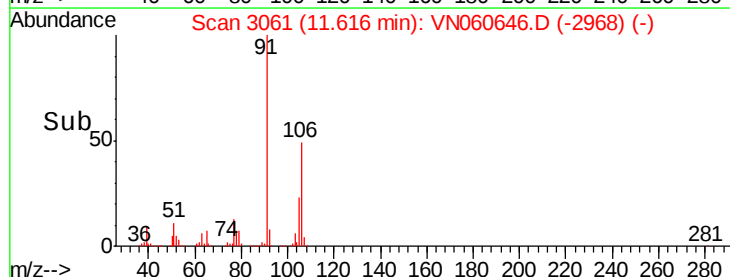
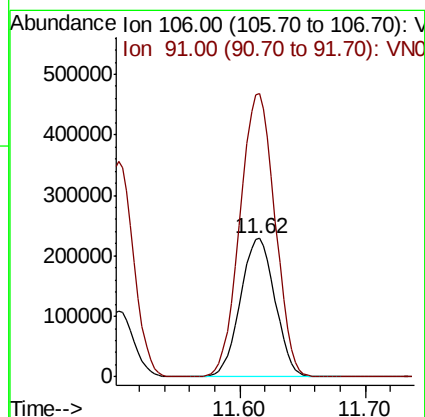
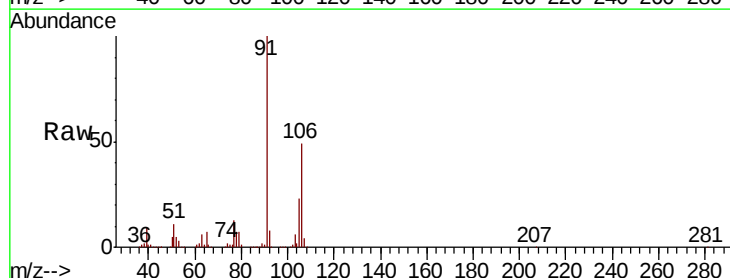
Acq: 20 Mar 2020 11:32

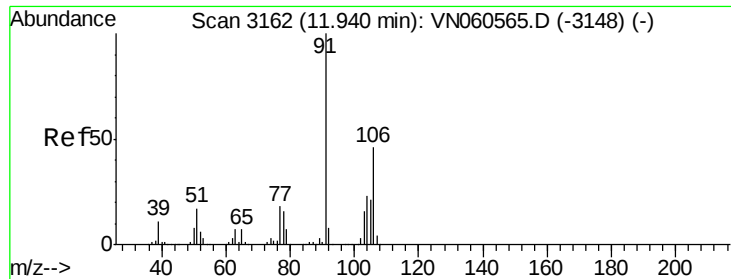
Tgt Ion: 106 Resp: 439518

Ion Ratio Lower Upper

106 100

91 206.8 165.0 247.4

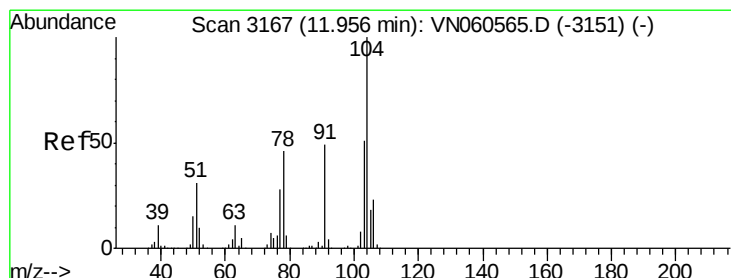
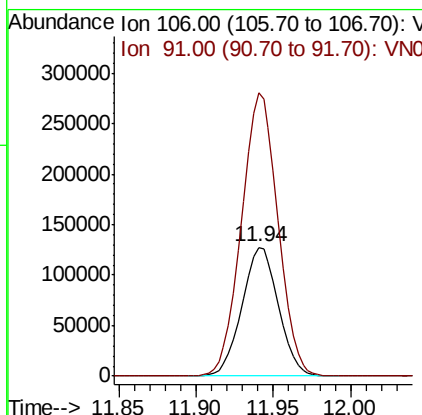
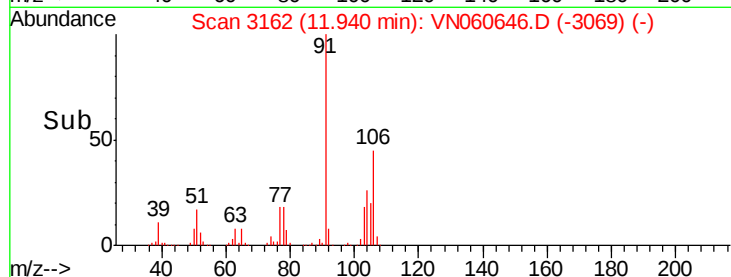
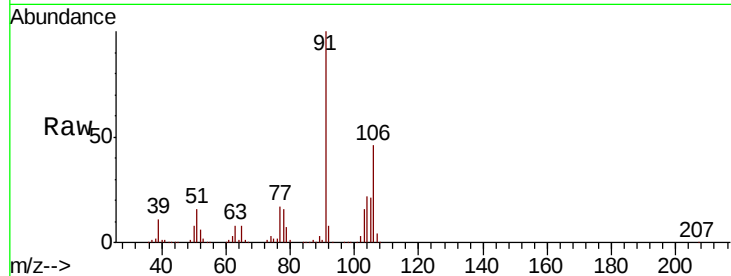




#69
o-Xylene
Concen: 57.961 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

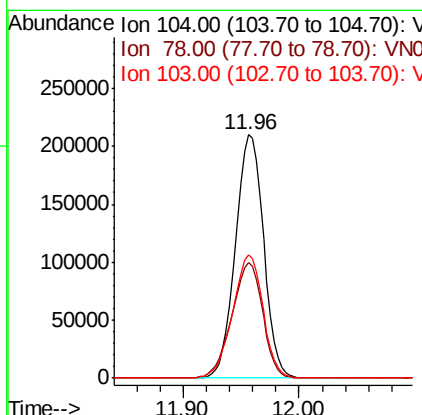
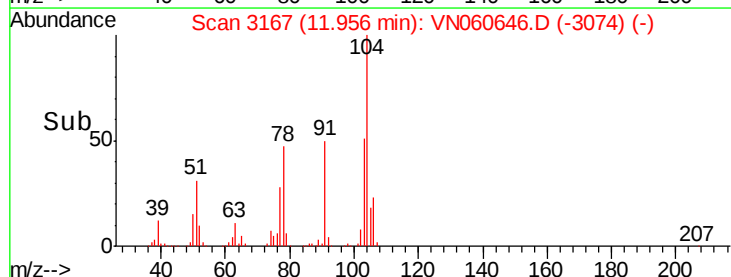
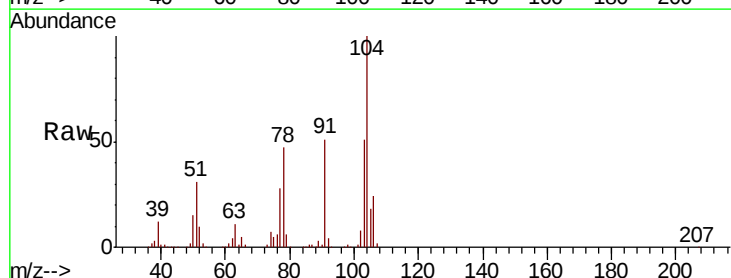
Instrument :
MSVOA_N
ClientSampled :

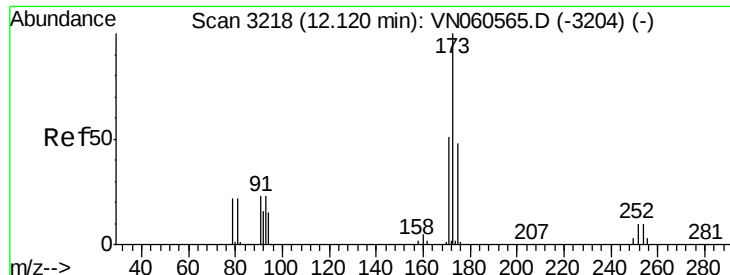
Tot Ion:106 Resp: 209228
Ion Ratio Lower Upper
106 100
91 219.8 109.5 328.4



#70
Styrene
Concen: 59.738 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion:104 Resp: 352677
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 54.6 44.0 66.0

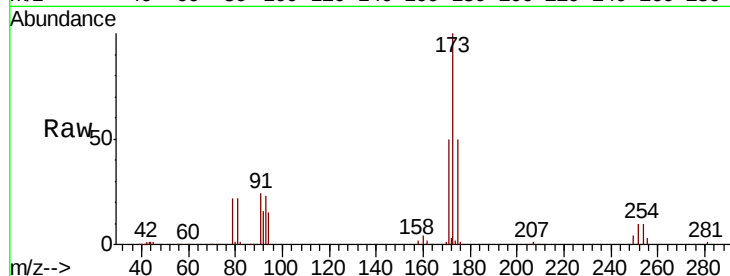




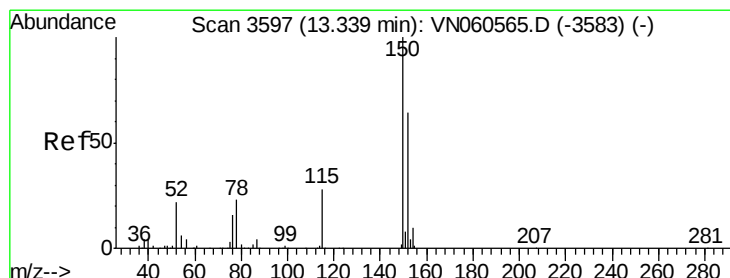
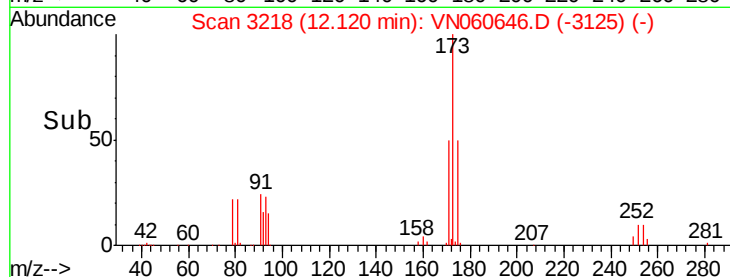
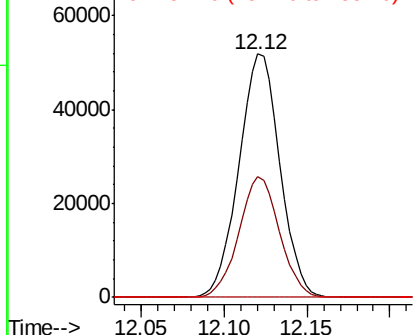
#71
Bromoform
Concen: 53.837 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 88869
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0

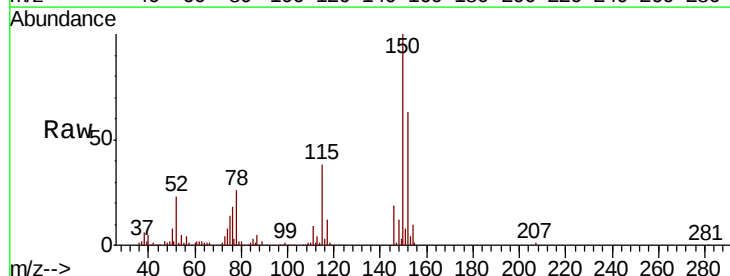


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

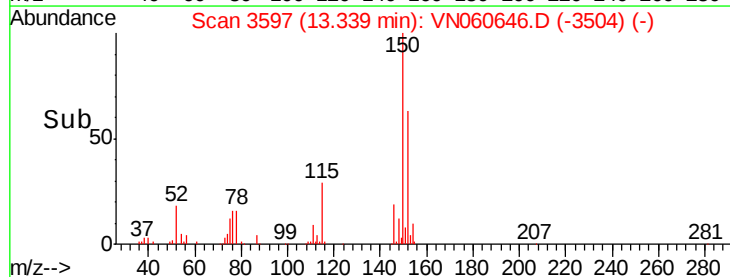
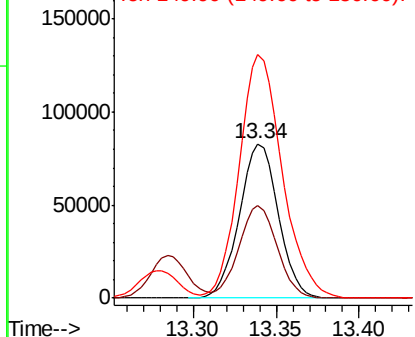


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion:152 Resp: 134880
Ion Ratio Lower Upper
152 100
115 59.2 30.2 90.6
150 174.9 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: 55.752 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

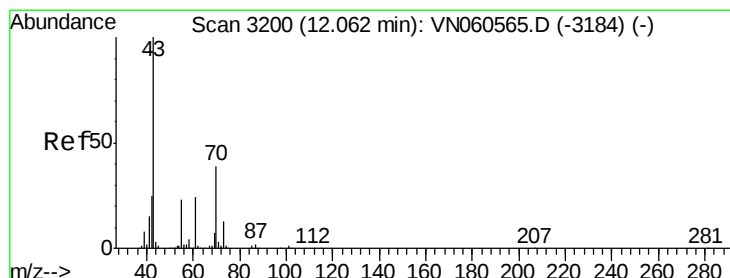
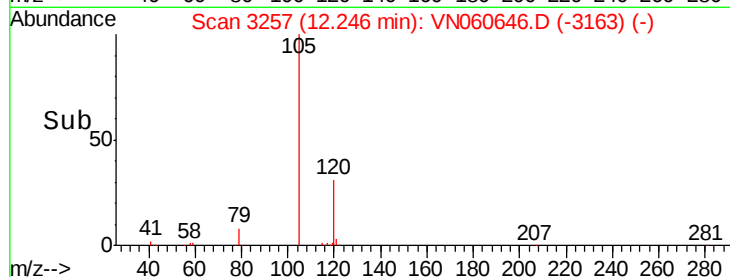
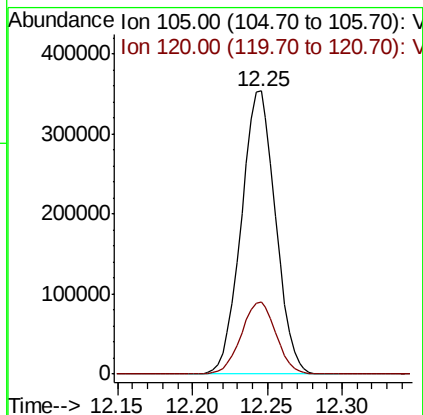
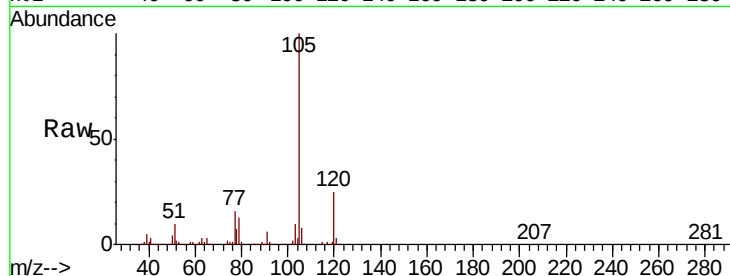
ClientSampleId :

Tot Ion: 105 Resp: 564331

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1



#74

N-ethyl acetate

Concen: 55.233 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Tgt Ion: 43 Resp: 258343

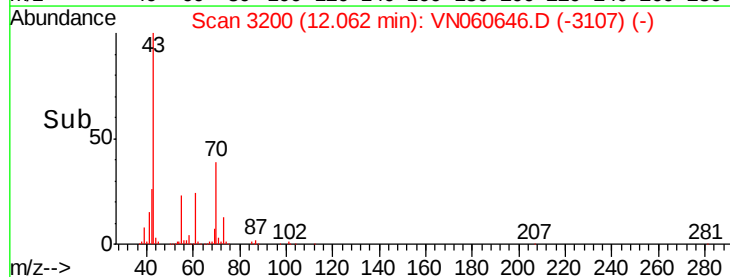
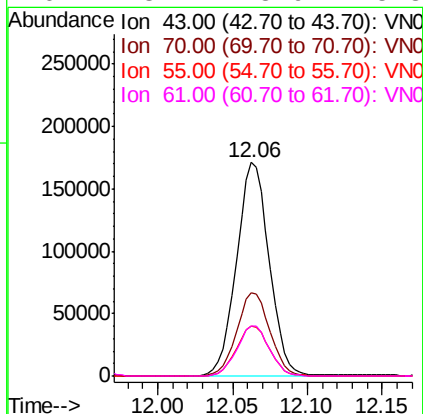
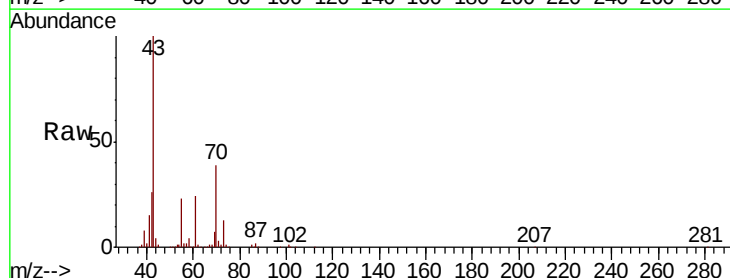
Ion Ratio Lower Upper

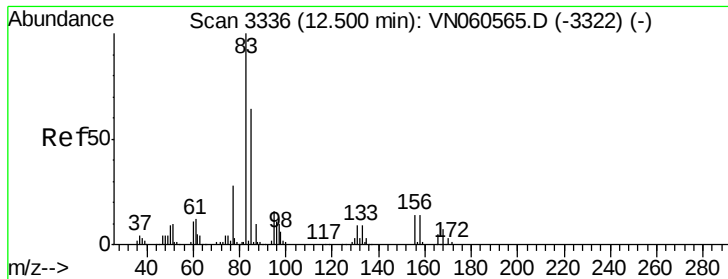
43 100

70 39.5 31.1 46.7

55 23.8 18.6 27.8

61 23.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.549 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

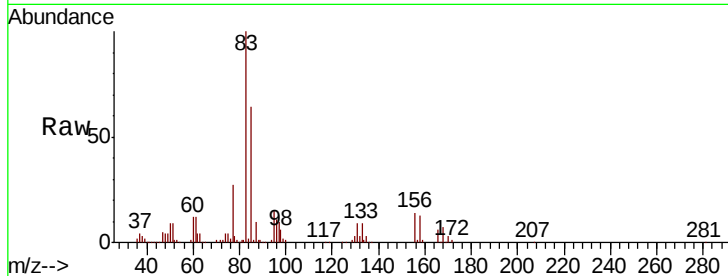
Tot Ion: 83 Resp: 166976

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

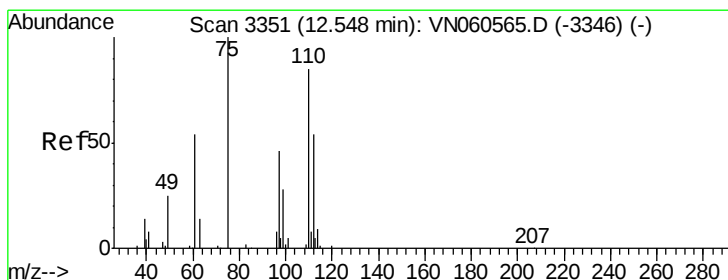
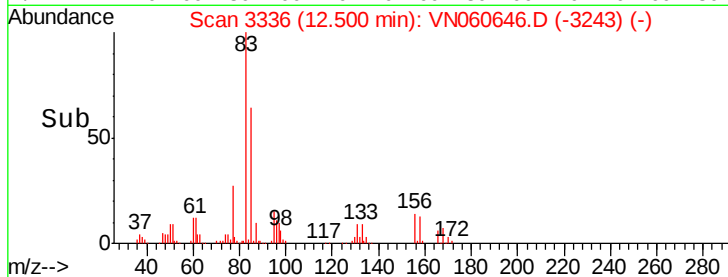
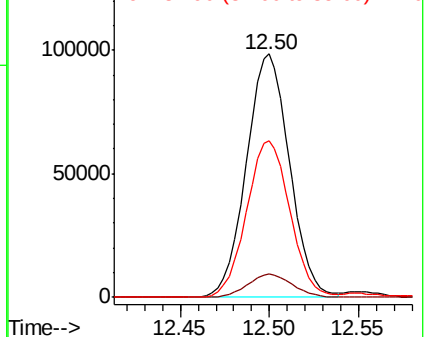
85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060646.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060646.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060646.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 79.859 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060646.D

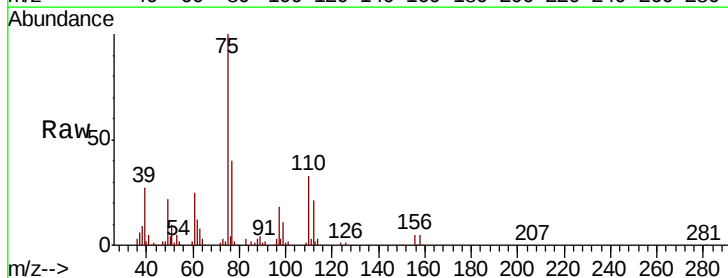
Acq: 20 Mar 2020 11:32

Tgt Ion: 75 Resp: 232424

Ion Ratio Lower Upper

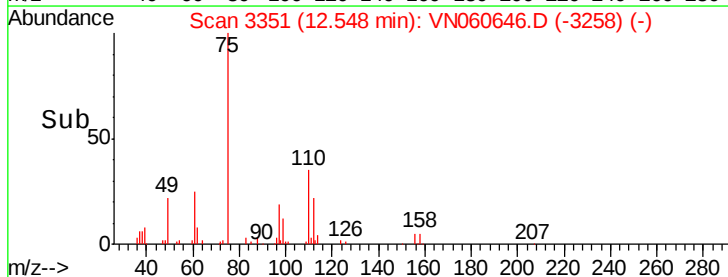
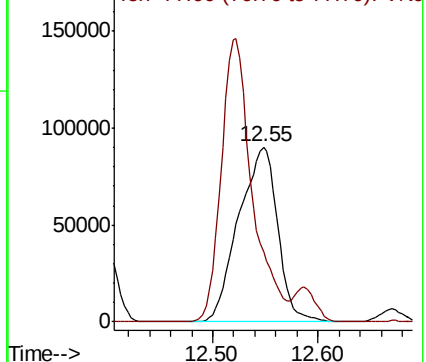
75 100

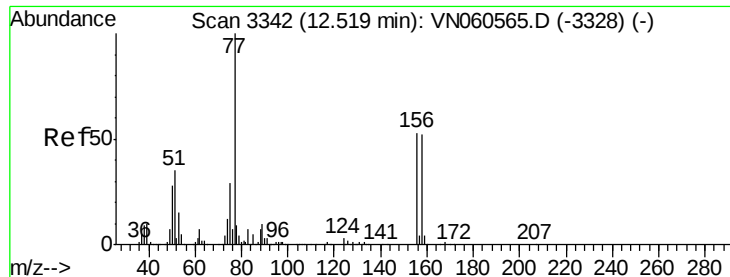
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060646.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060646.D (-3258) (-)





#77

Bromobenzene

Concen: 54.988 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

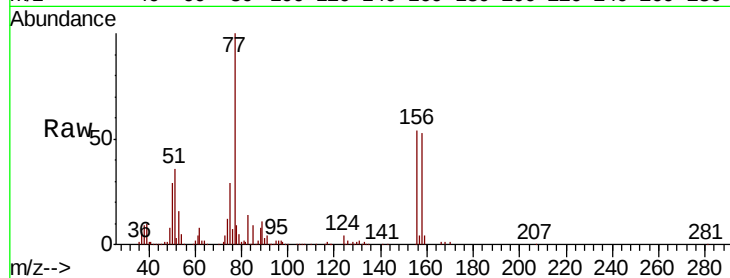
Tot Ion:156 Resp: 134121

Ion Ratio Lower Upper

156 100

77 221.9 112.3 337.0

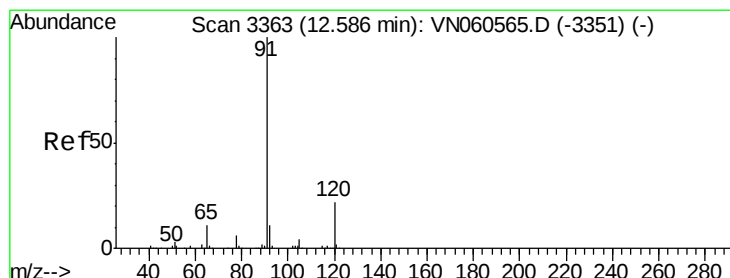
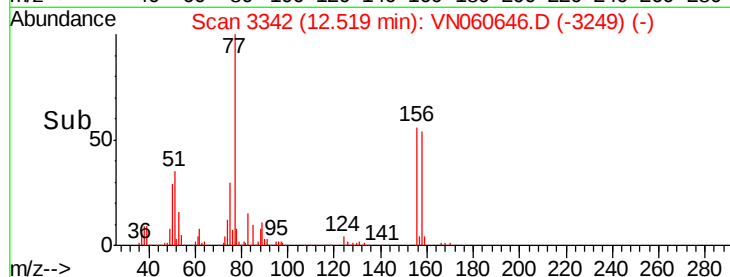
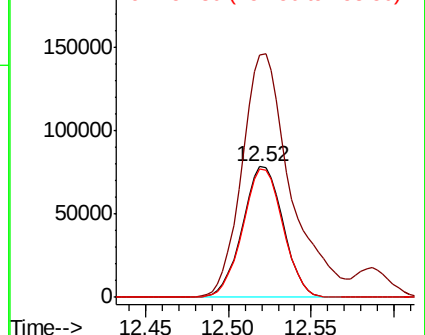
158 97.1 48.6 145.8



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: 56.767 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060646.D

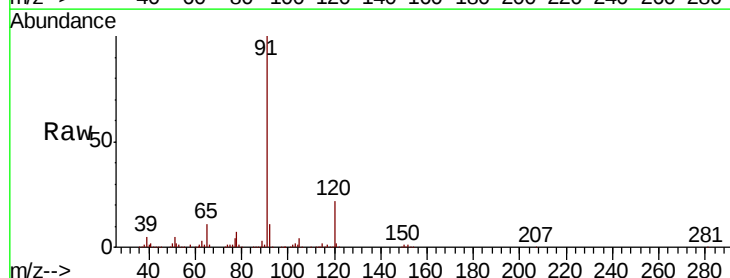
Acq: 20 Mar 2020 11:32

Tgt Ion: 91 Resp: 678857

Ion Ratio Lower Upper

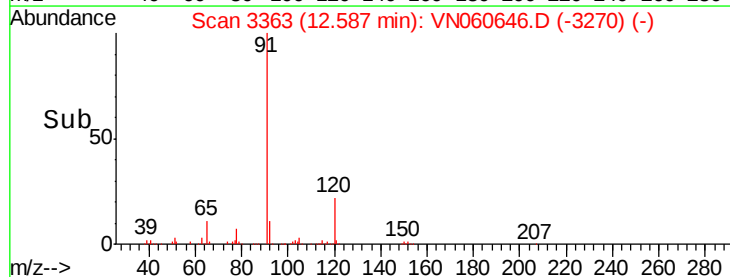
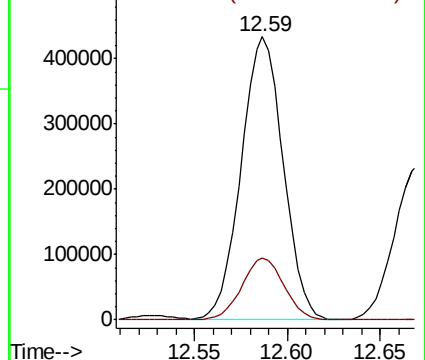
91 100

120 22.0 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: 54.744 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

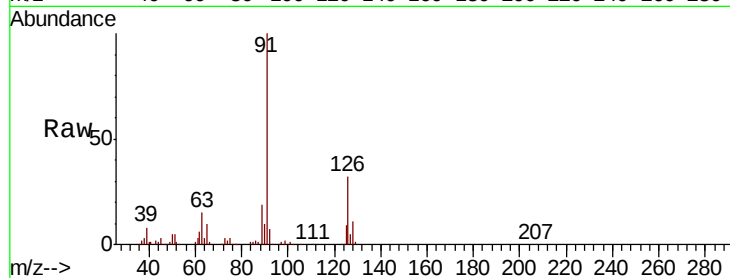
ClientSampled :

Tot Ion: 91 Resp: 391163

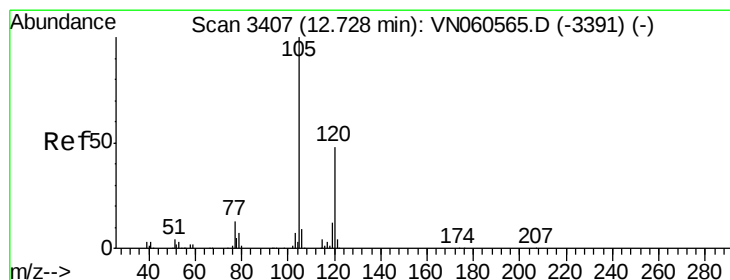
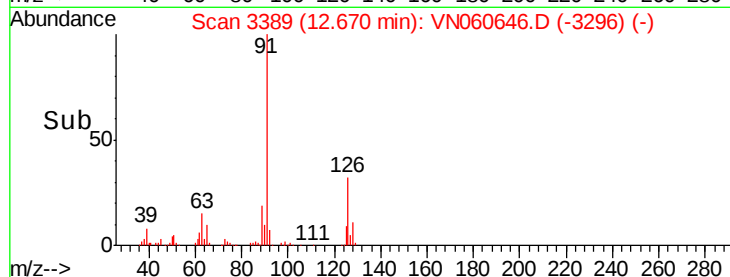
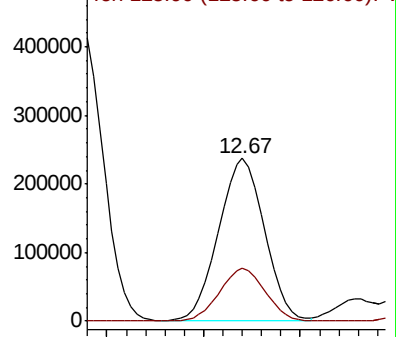
Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060646.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.684 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060646.D

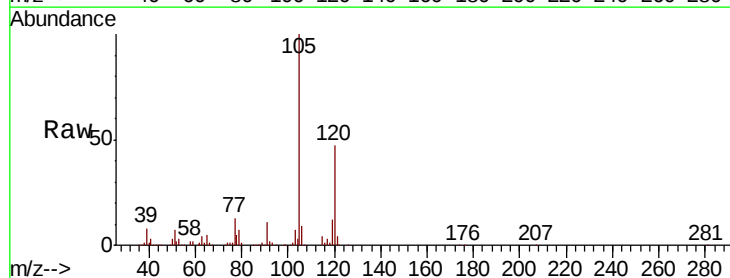
Acq: 20 Mar 2020 11:32

Tgt Ion: 105 Resp: 478325

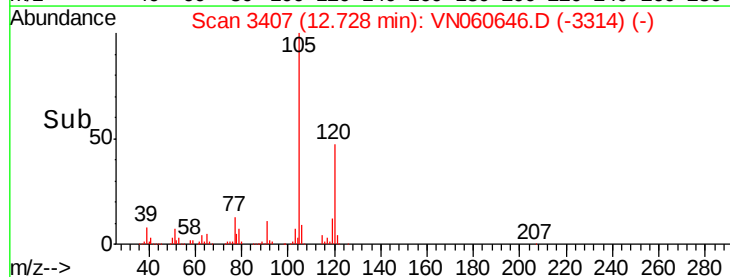
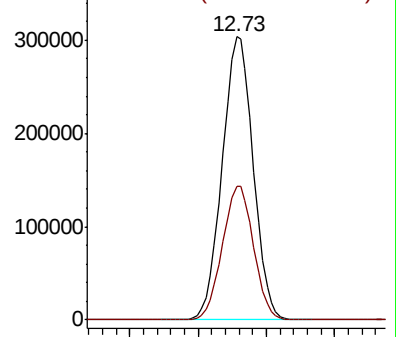
Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060646.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.236 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampled :

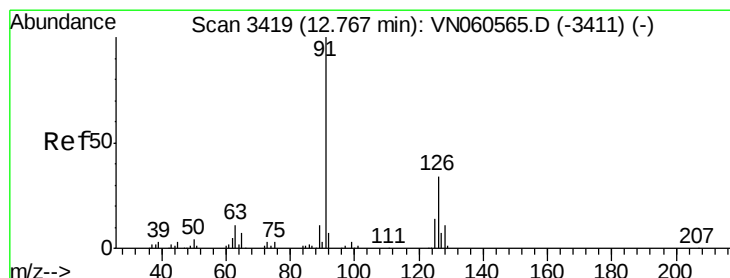
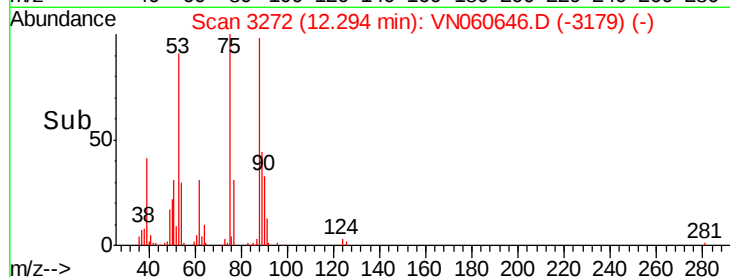
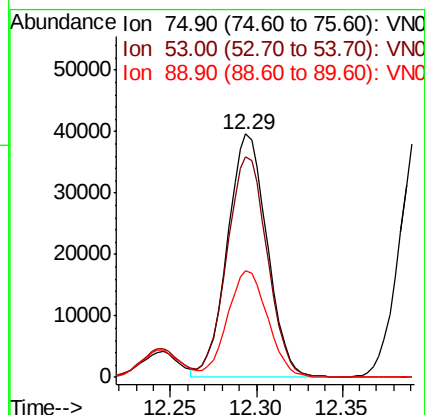
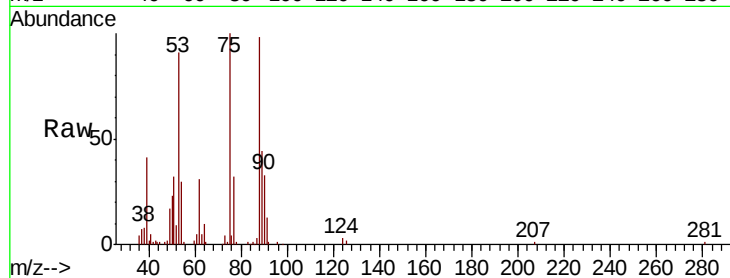
Tot Ion: 75 Resp: 63728

Ion Ratio Lower Upper

75 100

53 92.2 73.0 109.4

89 44.5 34.8 52.2



#82

4-Chlorotoluene

Concen: 56.200 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060646.D

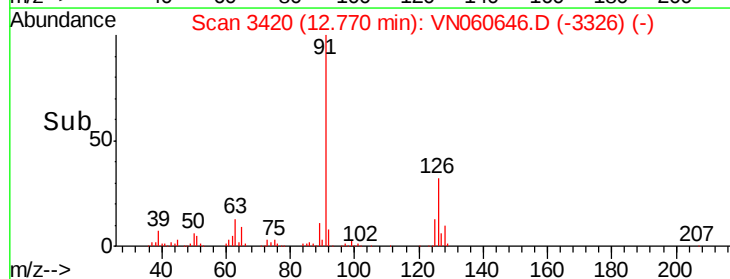
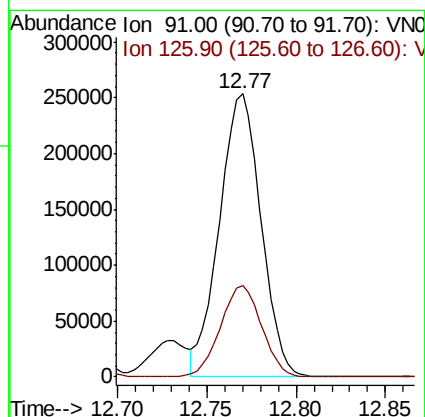
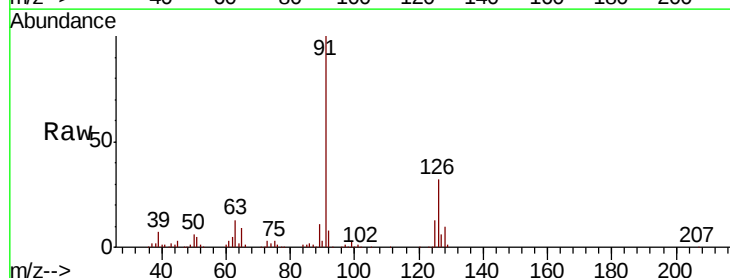
Acq: 20 Mar 2020 11:32

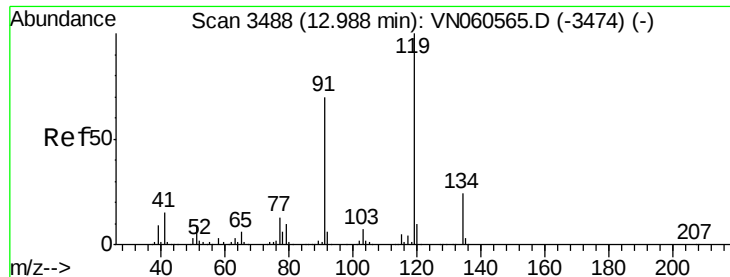
Tgt Ion: 91 Resp: 408989

Ion Ratio Lower Upper

91 100

126 32.0 16.2 48.5





#83

tert-Butylbenzene

Concen: 54.934 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

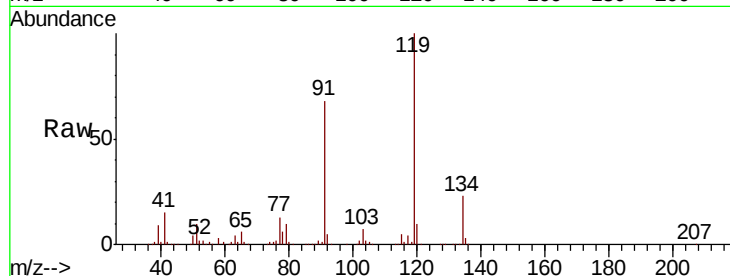
Tot Ion:119 Resp: 391174

Ion Ratio Lower Upper

119 100

91 67.7 34.0 101.8

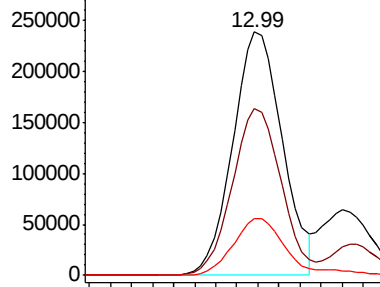
134 25.3 12.7 38.0



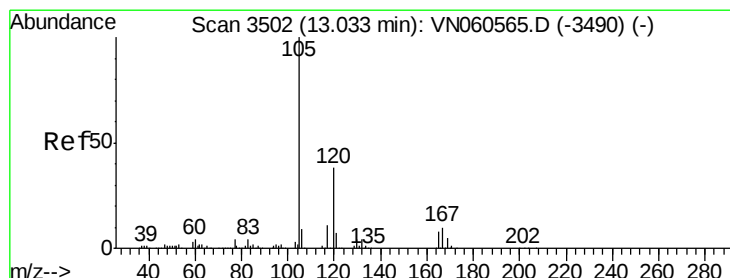
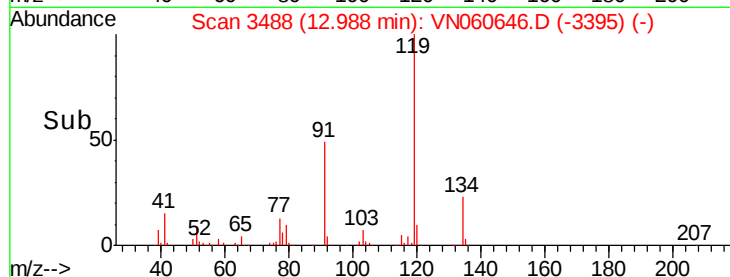
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 56.342 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060646.D

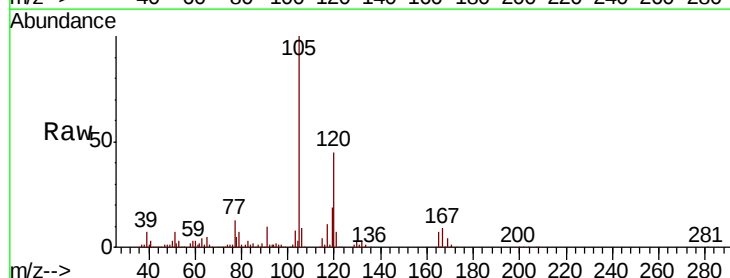
Acq: 20 Mar 2020 11:32

Tgt Ion:105 Resp: 478797

Ion Ratio Lower Upper

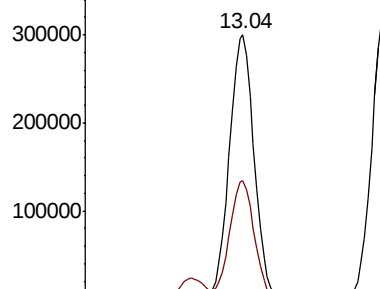
105 100

120 44.7 22.1 66.5

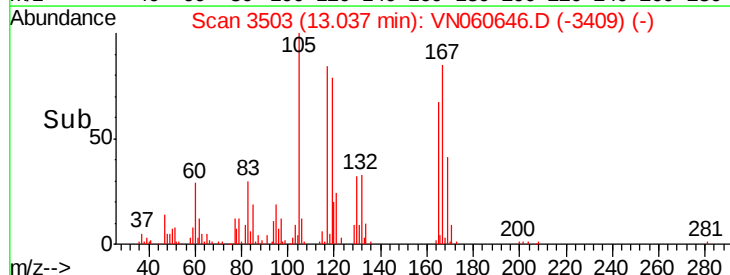


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 55.912 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

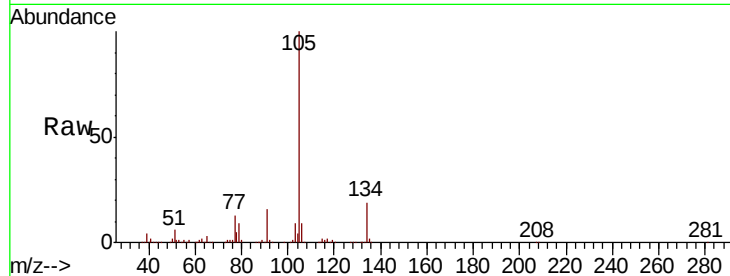
ClientSampleId :

Tot Ion:105 Resp: 535377

Ion Ratio Lower Upper

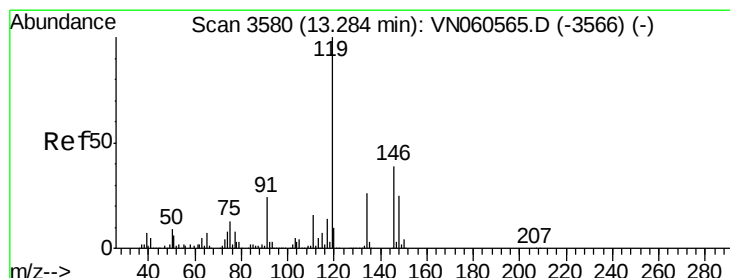
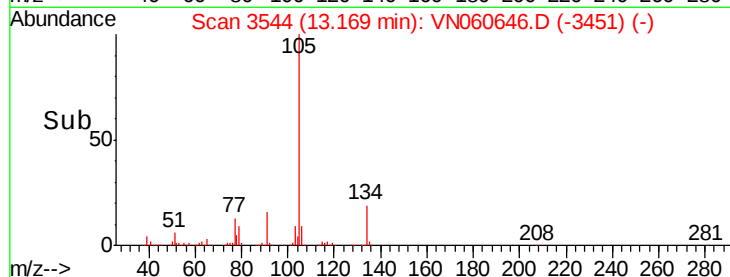
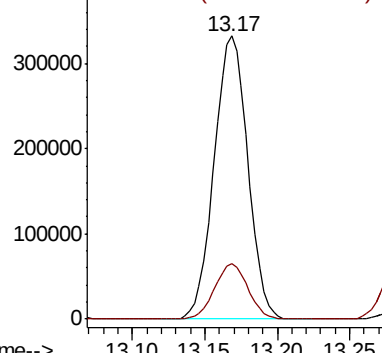
105 100

134 19.3 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.672 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

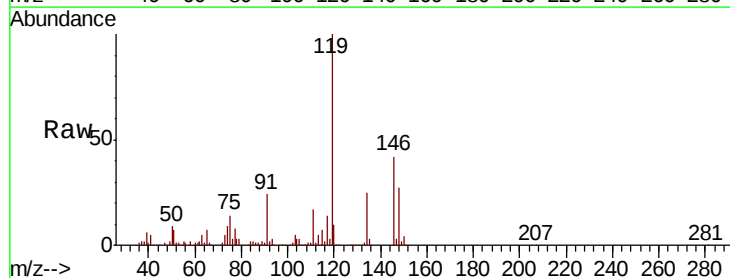
Tgt Ion:119 Resp: 487972

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

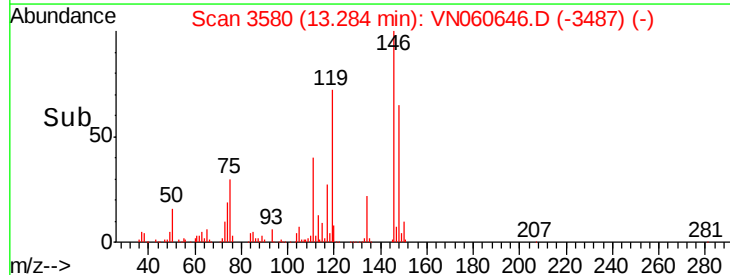
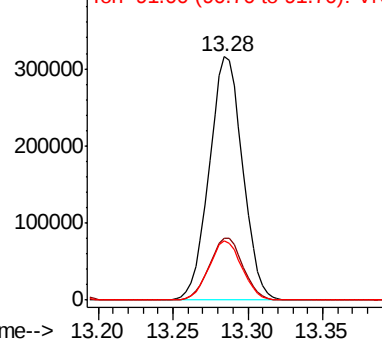
91 24.2 12.0 36.0



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

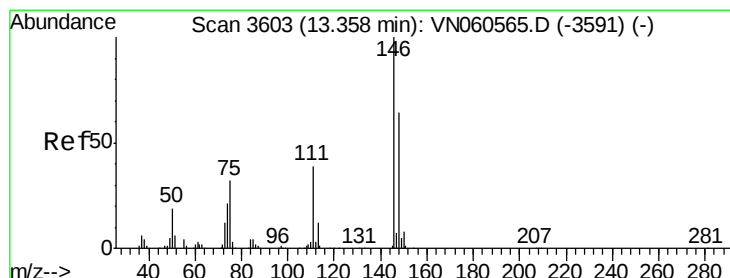
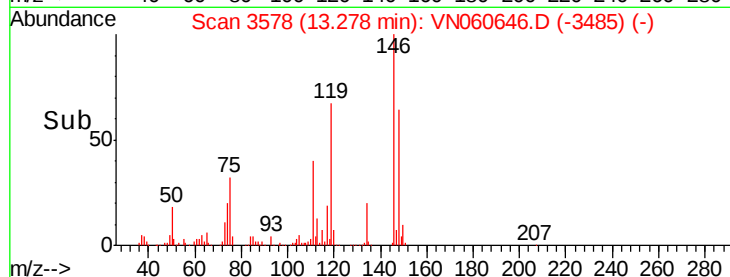
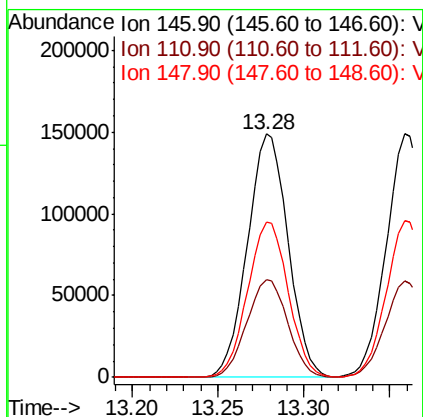
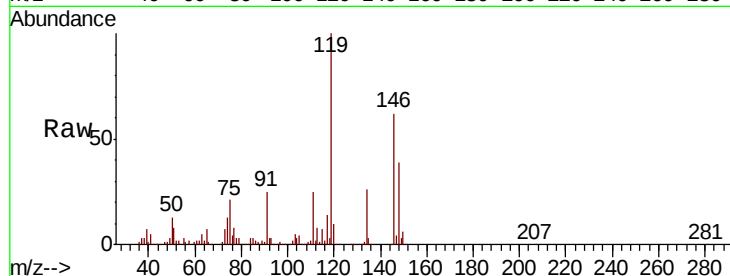




#87
 1,3-Dichlorobenzene
 Concen: 56.682 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

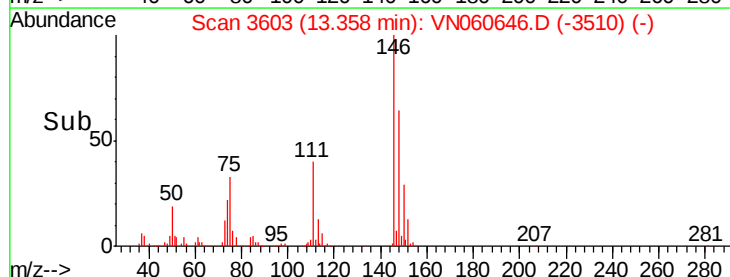
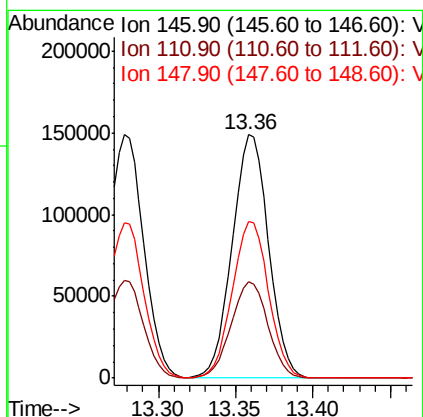
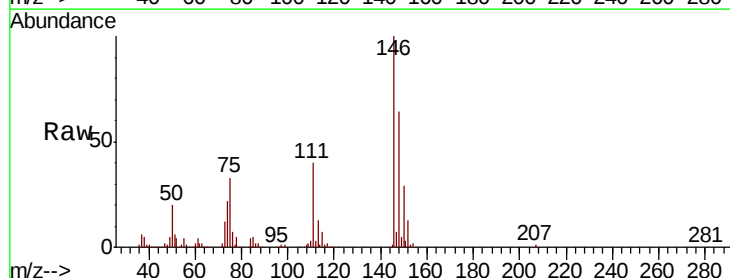
Instrument :
 MSVOA_N
 ClientSampled :

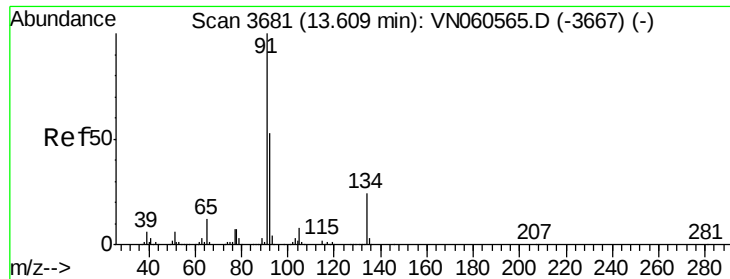
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	63.8	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 56.169 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.7
148	64.2	32.1	96.3





#89

n-Butylbenzene

Concen: 58.427 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

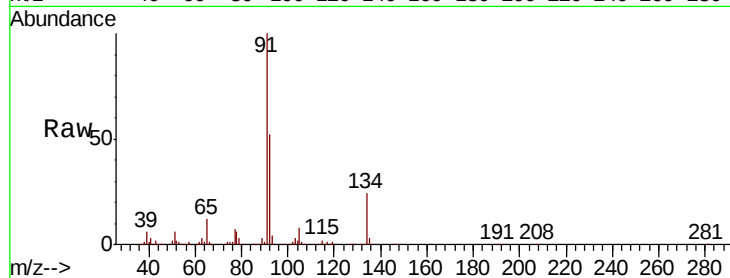
Tot Ion: 91 Resp: 454211

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

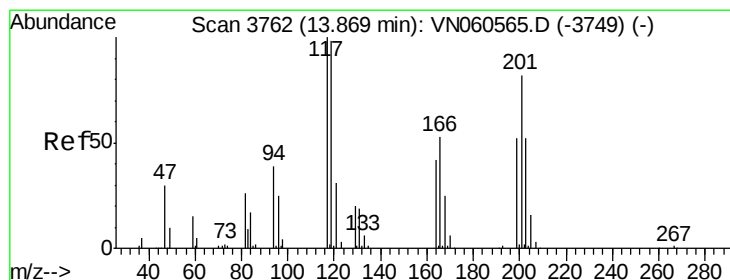
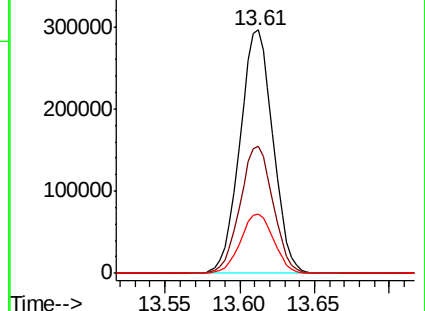
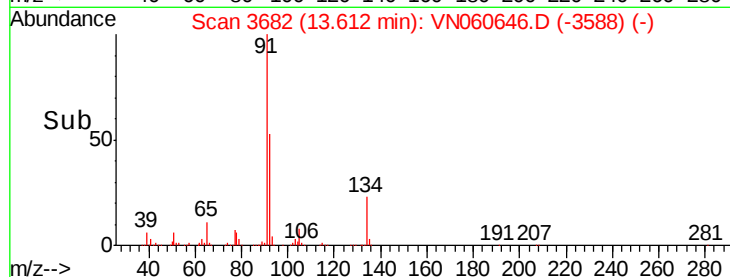
134 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060565.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060565.D (-3667) (-)



#90

Hexachloroethane

Concen: 51.560 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060646.D

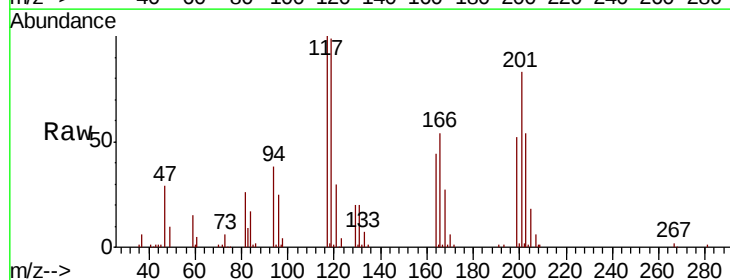
Acq: 20 Mar 2020 11:32

Tgt Ion: 117 Resp: 64532

Ion Ratio Lower Upper

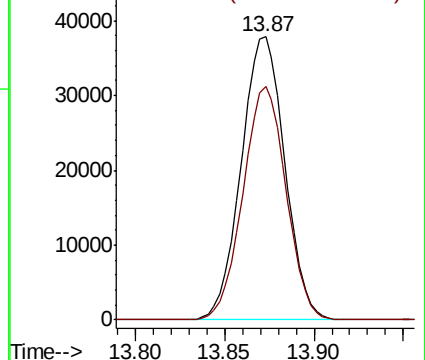
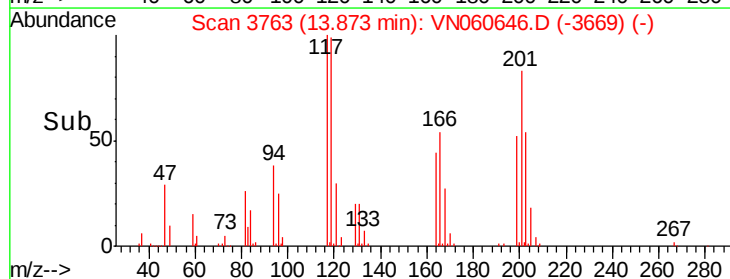
117 100

201 81.4 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060565.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060565.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 56.200 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

Instrument :

MSVOA_N

ClientSampleId :

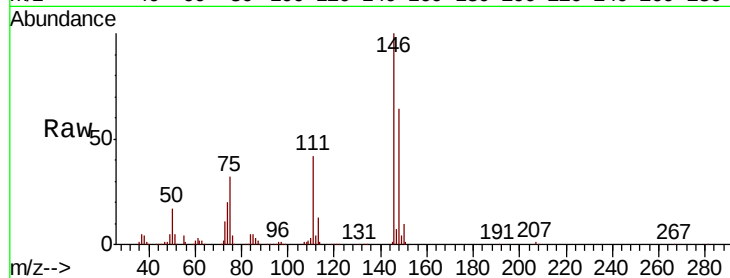
Tot Ion:146 Resp: 231173

Ion Ratio Lower Upper

146 100

111 41.7 21.0 63.0

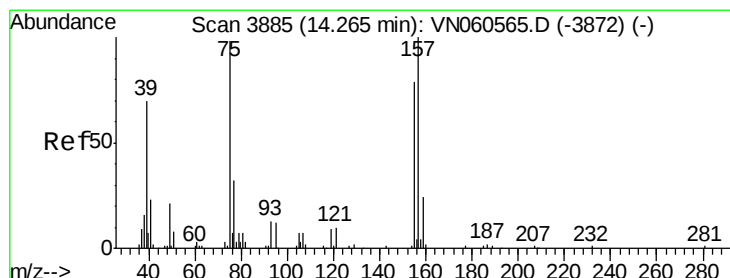
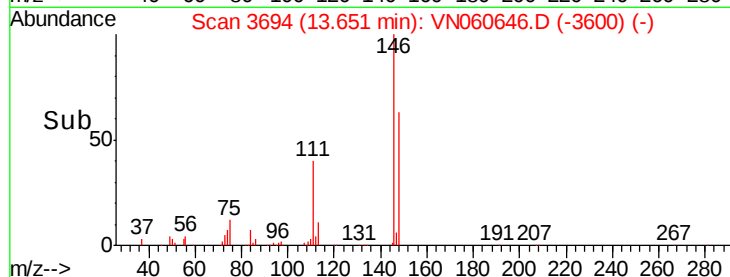
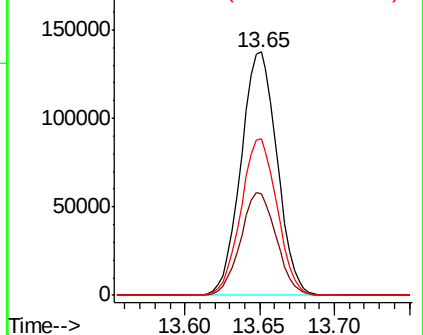
148 64.3 31.9 95.5



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: 51.582 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060646.D

Acq: 20 Mar 2020 11:32

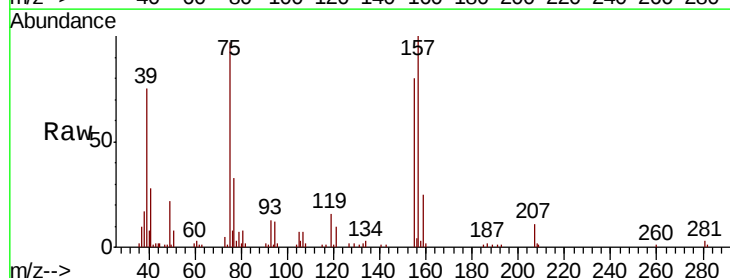
Tgt Ion: 75 Resp: 33066

Ion Ratio Lower Upper

75 100

155 82.1 40.7 122.1

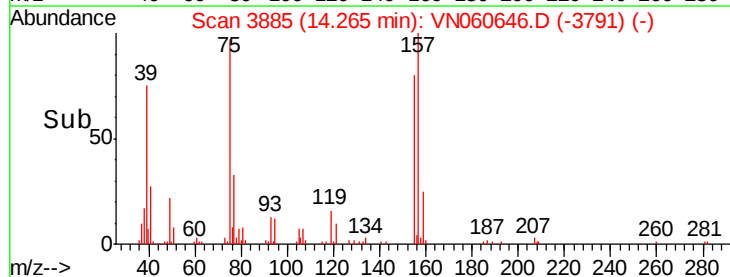
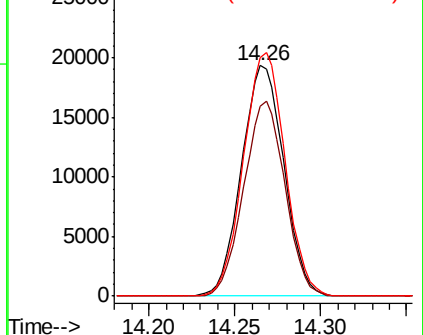
157 103.5 51.5 154.7



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

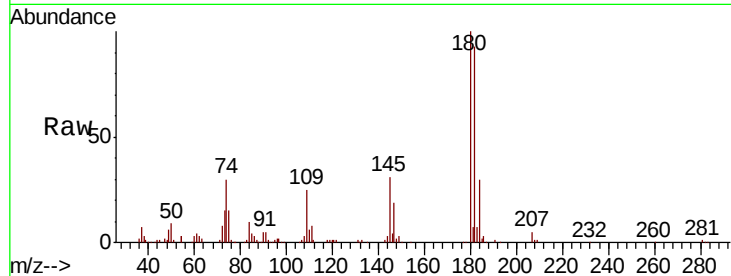




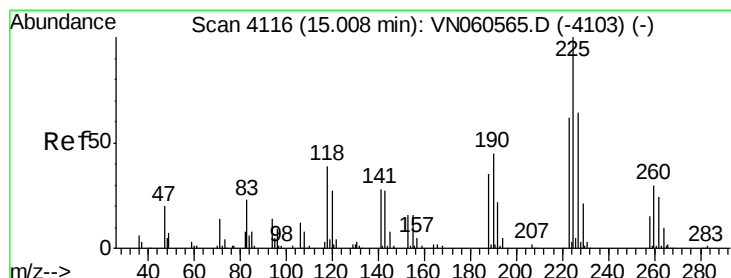
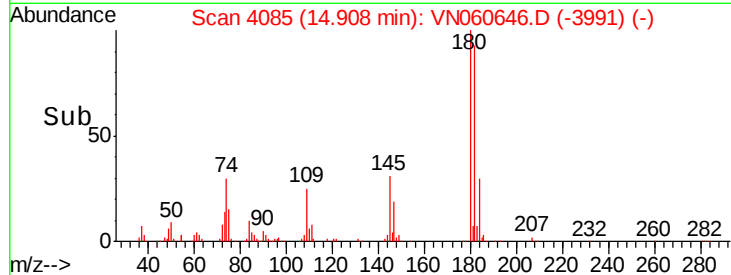
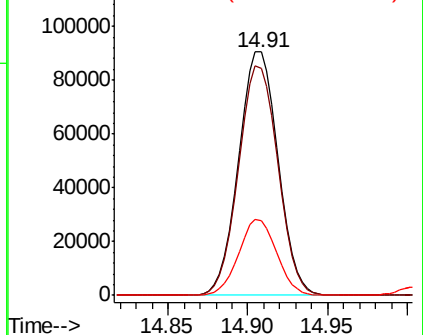
#93
 1,2,4-Trichlorobenzene
 Concen: 59.991 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 151538
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.8
 145 30.2 15.4 46.2

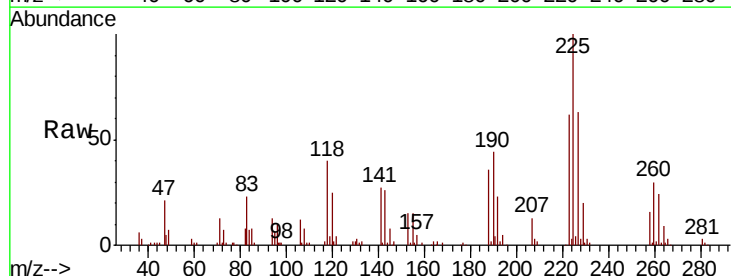


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

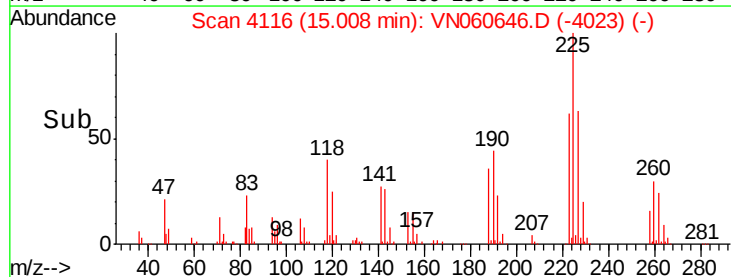
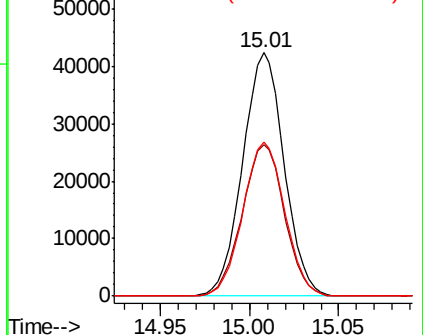


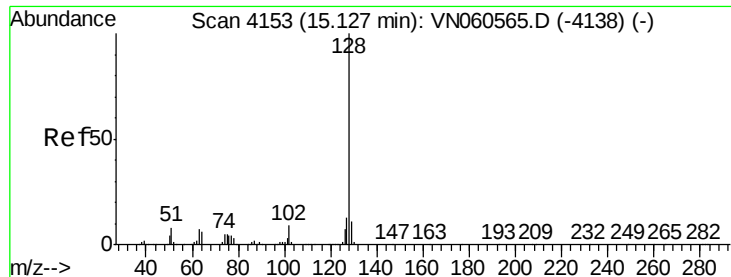
#94
 Hexachlorobutadiene
 Concen: 55.511 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060646.D
 Acq: 20 Mar 2020 11:32

Tgt Ion:225 Resp: 68740
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 95.0
 227 63.8 32.3 96.8



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

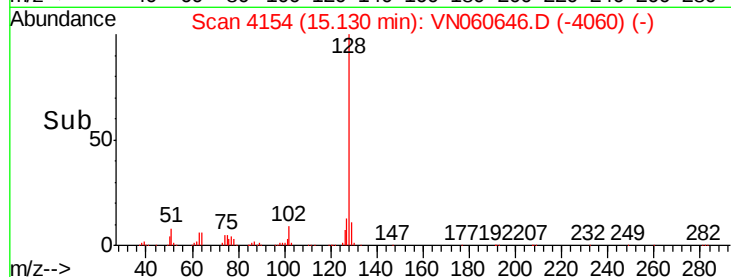
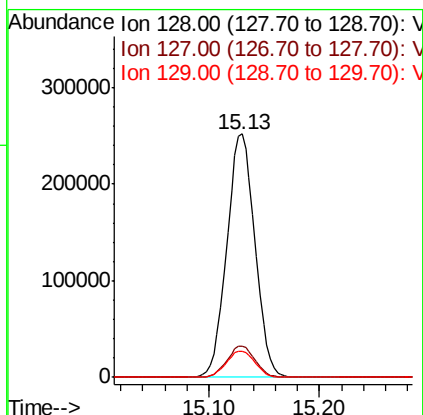
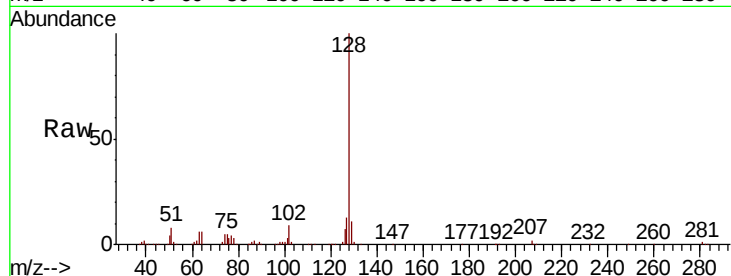




#95
Naphthalene
Concen: 58.460 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 444167
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.653 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060646.D
Acq: 20 Mar 2020 11:32

Tgt Ion:180 Resp: 140957
Ion Ratio Lower Upper
180 100
182 97.2 47.5 142.6
145 33.1 16.3 48.8

