

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060775.D
 Acq On : 30 Mar 2020 16:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 31 08:00:52 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	196762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	330931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	135643	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	7.56	113	101152	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.08	98	404310	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	150287	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	87783	46.108	ug/l	100
3) Chloromethane	2.04	50	158002	44.436	ug/l	99
4) Vinyl Chloride	2.17	62	122185	43.933	ug/l	98
5) Bromomethane	2.54	94	58303	48.562	ug/l	96
6) Chloroethane	2.68	64	77907	48.629	ug/l	97
7) Trichlorofluoromethane	3.00	101	163644	47.765	ug/l	100
8) Diethyl Ether	3.38	74	69661	50.615	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96767	48.745	ug/l	100
10) Methyl Iodide	3.93	142	80340	45.481	ug/l	100
11) Tert butyl alcohol	4.72	59	106672	268.529	ug/l	100
12) 1,1-Dichloroethene	3.72	96	100678	47.260	ug/l	99
13) Acrolein	3.57	56	132883	301.825	ug/l	99
14) Allyl chloride	4.29	41	182898	48.815	ug/l	97
15) Acrylonitrile	4.94	53	310010	265.388	ug/l	99
16) Acetone	3.78	43	246282	257.406	ug/l	98
17) Carbon Disulfide	4.03	76	289978	44.757	ug/l	100
18) Methyl Acetate	4.28	43	146671	54.462	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	358202	48.906	ug/l	98
20) Methylene Chloride	4.52	84	114168	48.507	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	106910	47.087	ug/l	96
22) Diisopropyl ether	5.91	45	403521	50.977	ug/l	98
23) Vinyl Acetate	5.86	43	1695066	262.451	ug/l	99
24) 1,1-Dichloroethane	5.82	63	215925	50.037	ug/l	100
25) 2-Butanone	6.80	43	412948	266.721	ug/l	99
26) 2,2-Dichloropropane	6.79	77	177144	52.175	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	126191	48.909	ug/l	99
28) Bromochloromethane	7.17	49	108210	52.412	ug/l	100
29) Tetrahydrofuran	7.18	42	282180	257.595	ug/l	99
30) Chloroform	7.35	83	204598	49.457	ug/l	100
31) Cyclohexane	7.63	56	199468	45.850	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	175956	49.339	ug/l	99
36) 1,1-Dichloropropene	7.77	75	156916	48.968	ug/l	100
37) Ethyl Acetate	6.89	43	174522	50.404	ug/l	99
38) Carbon Tetrachloride	7.75	117	141497	49.268	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	186906	49.081	ug/l	98
40) Benzene	8.02	78	472693	48.865	ug/l	100
41) Methacrylonitrile	7.18	41	252579	170.929	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	163659	49.505	ug/l	99
43) Isopropyl Acetate	8.14	43	293666	51.428	ug/l	99
44) Trichloroethene	8.82	130	118380	48.545	ug/l	99
45) 1,2-Dichloropropane	9.10	63	129788	50.847	ug/l	98
46) Dibromomethane	9.19	93	77598	50.286	ug/l	100
47) Bromodichloromethane	9.39	83	162882	50.795	ug/l	97
48) Methyl methacrylate	9.18	41	130959	51.510	ug/l	99
49) 1,4-Dioxane	9.18	88	34849	1153.210	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	867651	267.019	ug/l	99
52) Toluene	10.14	92	286845	49.100	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	189673	51.494	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	201713	49.918	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	112569	50.086	ug/l	99
56) Ethyl methacrylate	10.42	69	182627	52.113	ug/l	99
57) 1,3-Dichloropropane	10.70	76	197443	50.624	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	431722	247.868	ug/l	99
59) 2-Hexanone	10.74	43	629051	268.744	ug/l	100
60) Dibromochloromethane	10.89	129	119735	51.575	ug/l	99
61) 1,2-Dibromoethane	10.99	107	114859	50.822	ug/l	99
64) Tetrachloroethene	10.62	164	109170	45.342	ug/l	99
65) Chlorobenzene	11.43	112	293772	48.433	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	108703	49.498	ug/l	98
67) Ethyl Benzene	11.50	91	551616	48.903	ug/l	99
68) m/p-Xylenes	11.62	106	406169	96.900	ug/l	98
69) o-Xylene	11.94	106	195371	48.826	ug/l	99
70) Styrene	11.96	104	326614	49.908	ug/l	100
71) Bromoform	12.12	173	85761	47.087	ug/l #	99
73) Isopropylbenzene	12.25	105	527691	46.438	ug/l	100
74) N-amyl acetate	12.06	43	252213	48.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	168977	49.174	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	225808	69.112	ug/l #	100
77) Bromobenzene	12.52	156	126219	46.097	ug/l	100
78) n-propylbenzene	12.59	91	628957	46.850	ug/l	99
79) 2-Chlorotoluene	12.67	91	366201	45.653	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	447747	46.432	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	61080	48.013	ug/l	99
82) 4-Chlorotoluene	12.77	91	382603	46.832	ug/l	98
83) tert-Butylbenzene	12.99	119	377076	47.171	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	451731	47.351	ug/l	100
85) sec-Butylbenzene	13.17	105	515858	47.989	ug/l	100
86) p-Isopropyltoluene	13.28	119	462655	47.863	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	226234	46.846	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	226130	46.606	ug/l	100
89) n-Butylbenzene	13.61	91	430065	49.279	ug/l	100
90) Hexachloroethane	13.87	117	71353	50.783	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	220890	47.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34943	48.541	ug/l	98

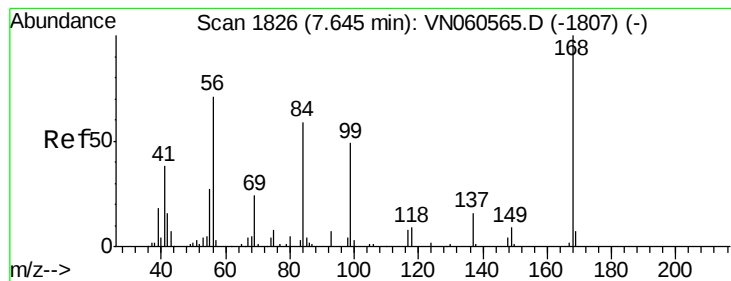
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	139673	49.255	ug/l	100
94) Hexachlorobutadiene	15.01	225	68495	49.272	ug/l	100
95) Naphthalene	15.13	128	408302	47.871	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	135130	48.379	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

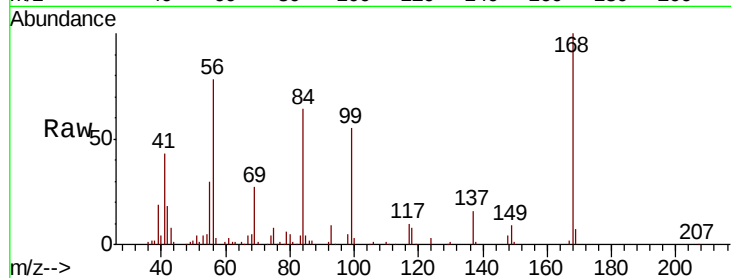
ClientSampled :

Tot Ion:168 Resp: 196762

Ion Ratio Lower Upper

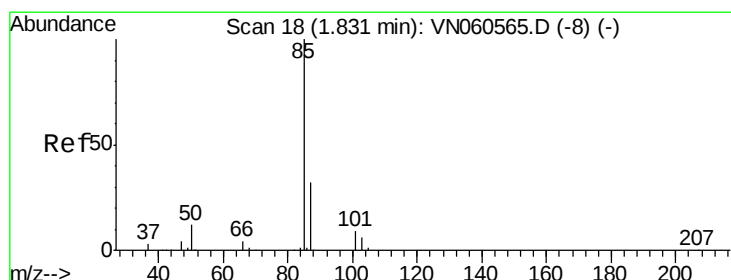
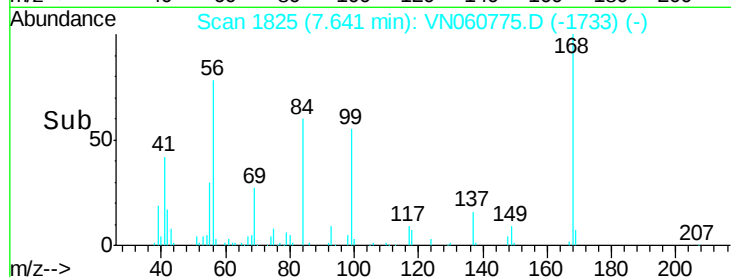
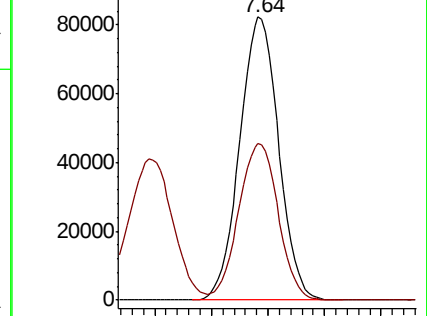
168 100

99 55.4 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: 46.108 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060775.D

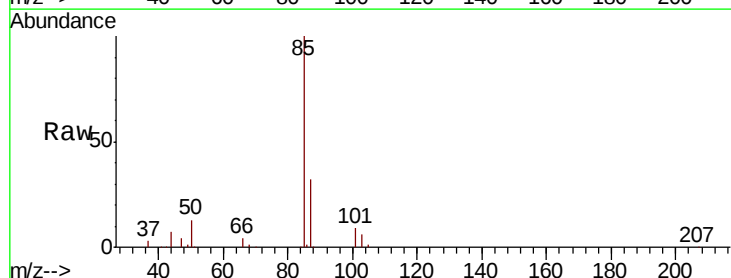
Acq: 30 Mar 2020 16:57

Tgt Ion: 85 Resp: 87783

Ion Ratio Lower Upper

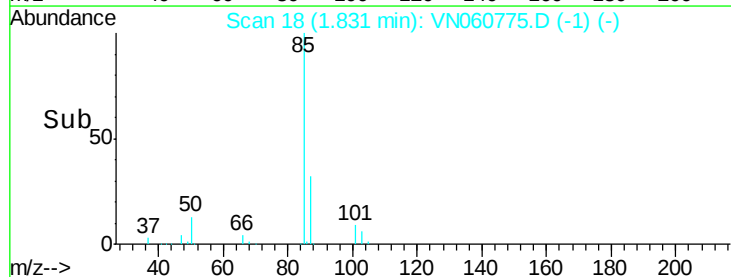
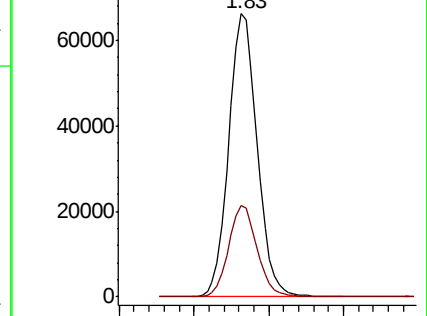
85 100

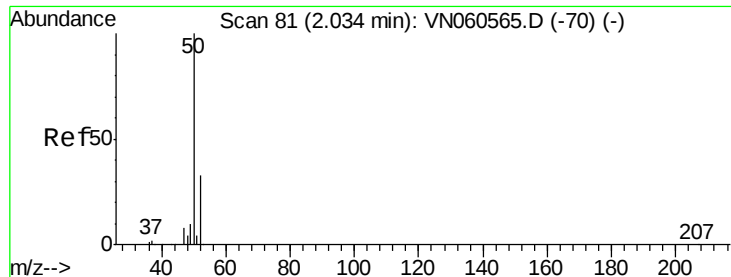
87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.436 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

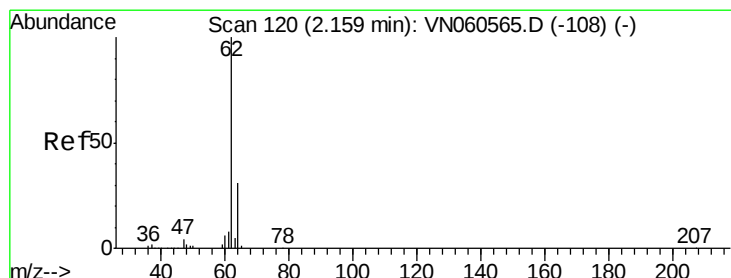
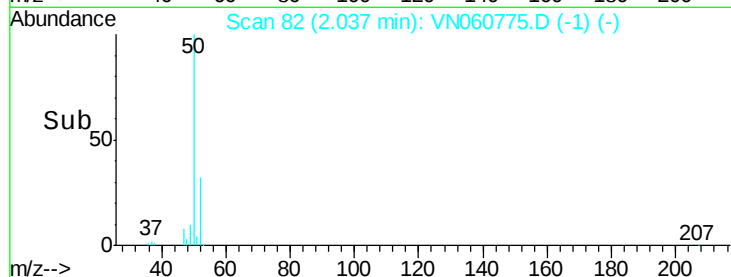
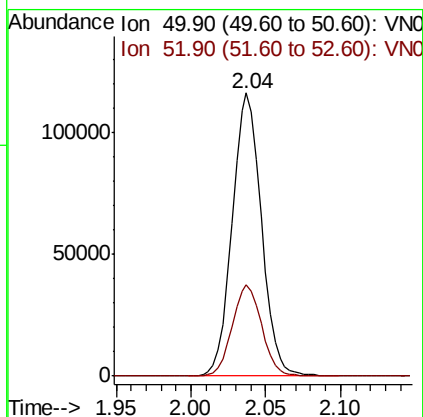
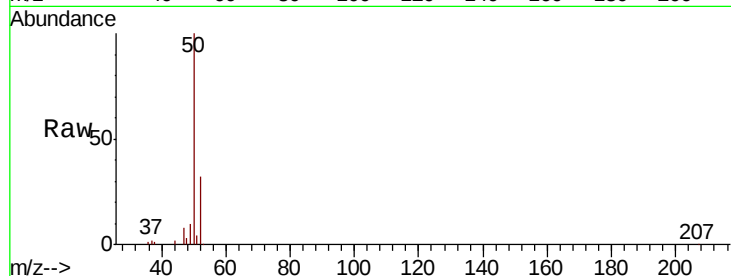
ClientSampleId :

Tot Ion: 50 Resp: 158002

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 43.933 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060775.D

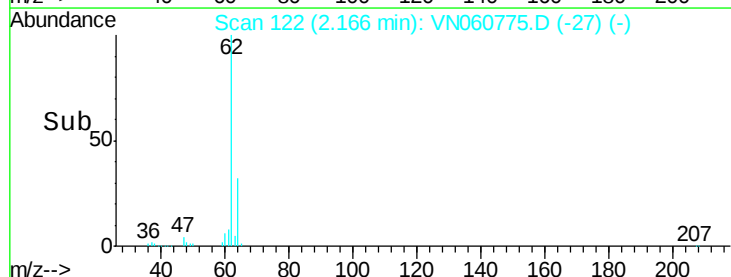
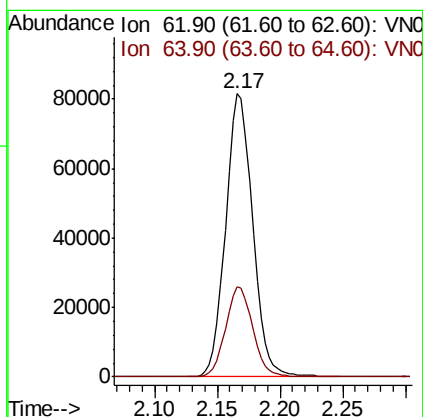
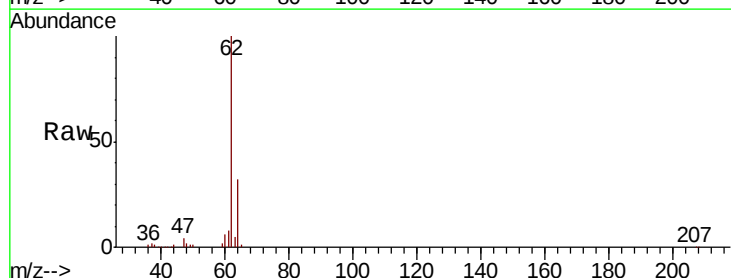
Acq: 30 Mar 2020 16:57

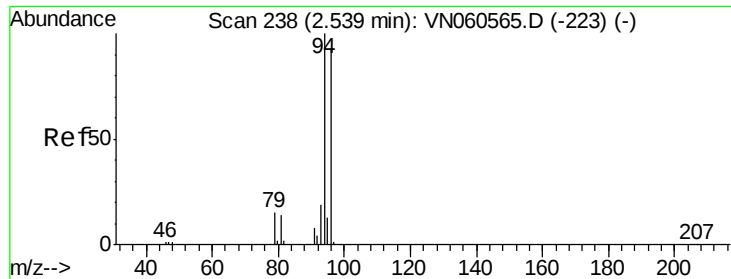
Tgt Ion: 62 Resp: 122185

Ion Ratio Lower Upper

62 100

64 31.8 24.7 37.1





#5

Bromomethane

Concen: 48.562 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

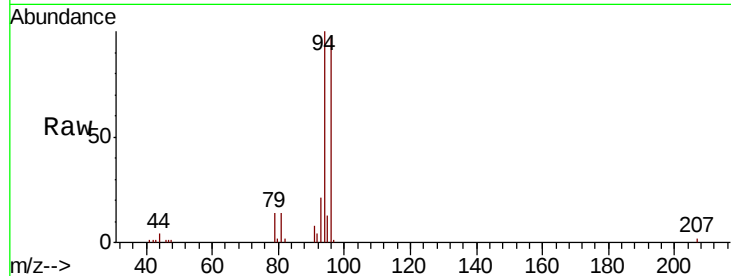
ClientSampleId :

Tot Ion: 94 Resp: 58303

Ion Ratio Lower Upper

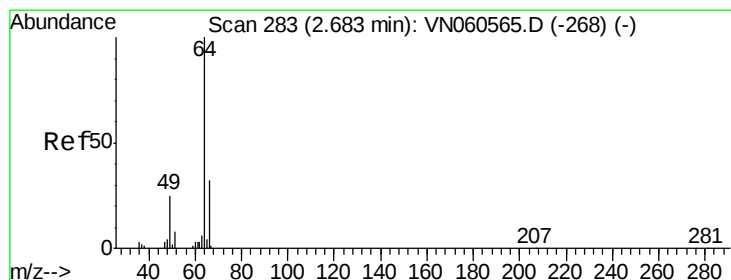
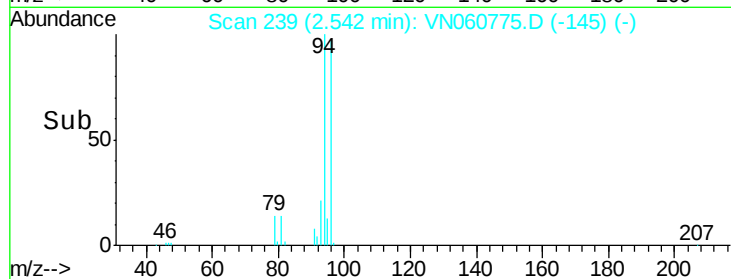
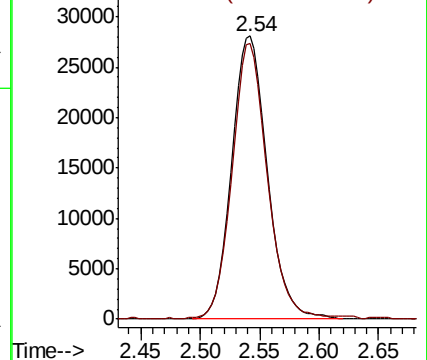
94 100

96 96.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 48.629 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060775.D

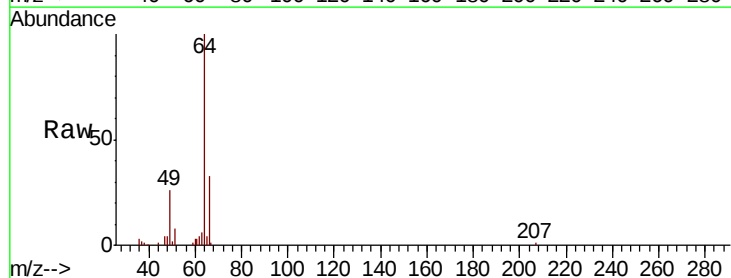
Acq: 30 Mar 2020 16:57

Tgt Ion: 64 Resp: 77907

Ion Ratio Lower Upper

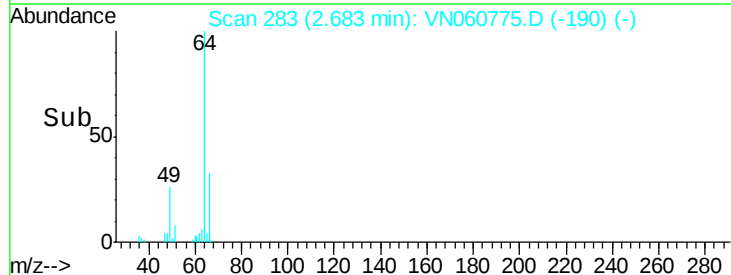
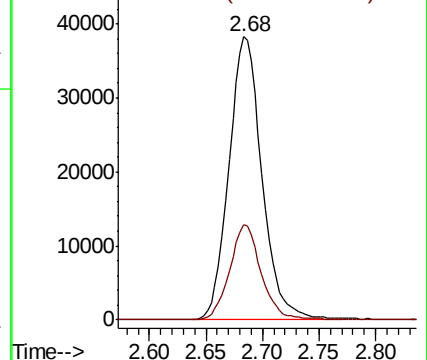
64 100

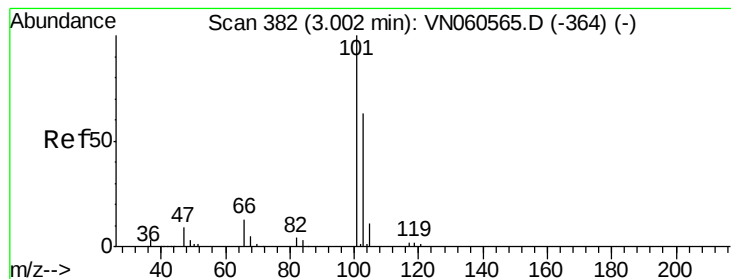
66 33.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



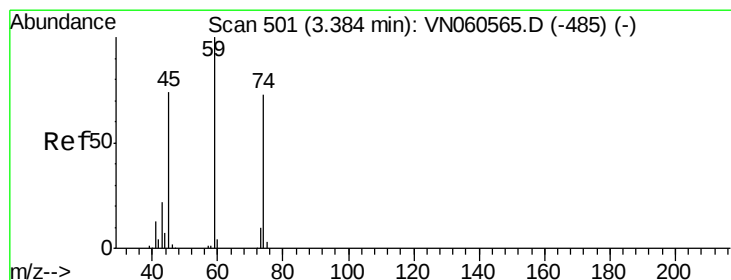
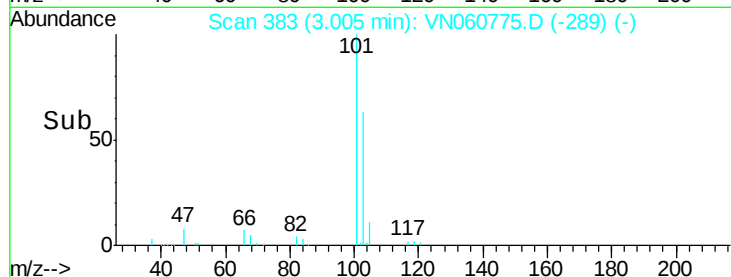
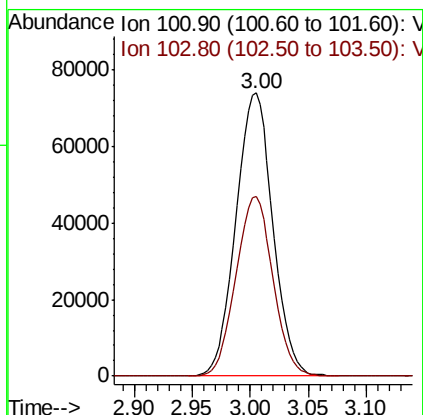
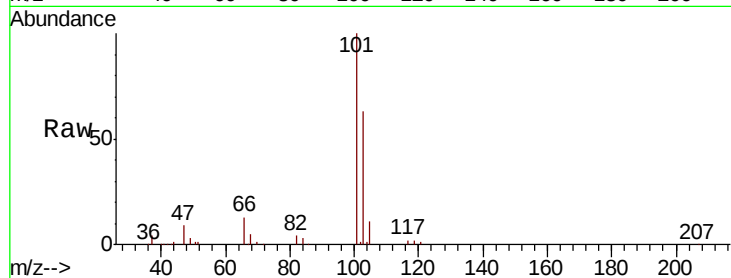


#7

Trichlorofluoromethane
 Concen: 47.765 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Instrument :
 MSVOA_N
 ClientSampled :

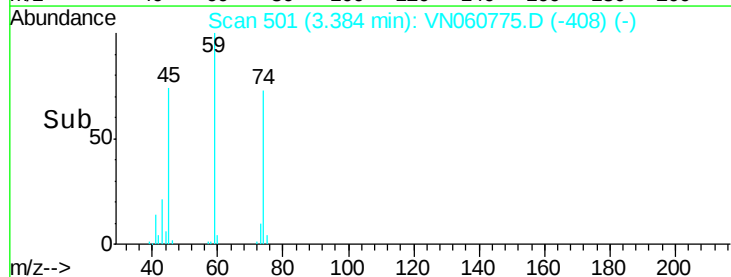
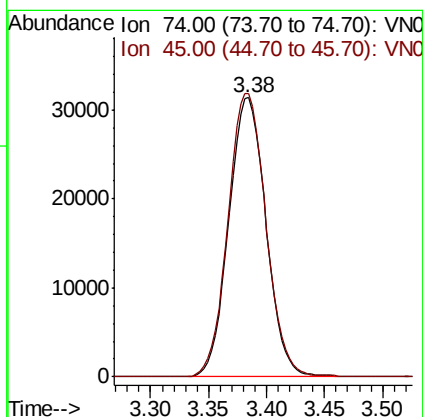
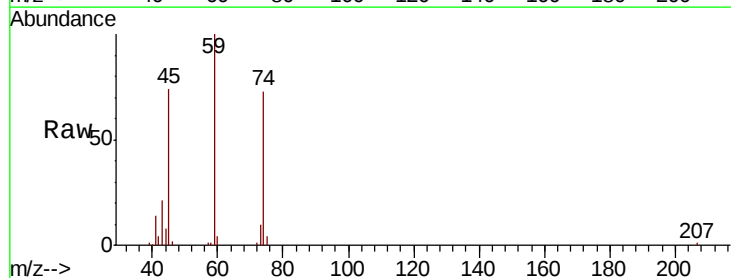
Tot Ion:101 Resp: 163644
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.6 76.0

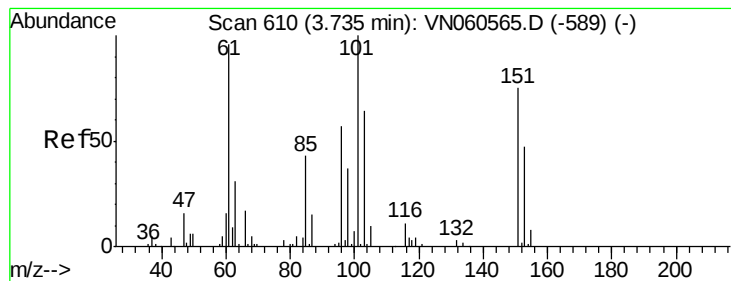


#8

Diethyl Ether
 Concen: 50.615 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion: 74 Resp: 69661
 Ion Ratio Lower Upper
 74 100
 45 103.4 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.745 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

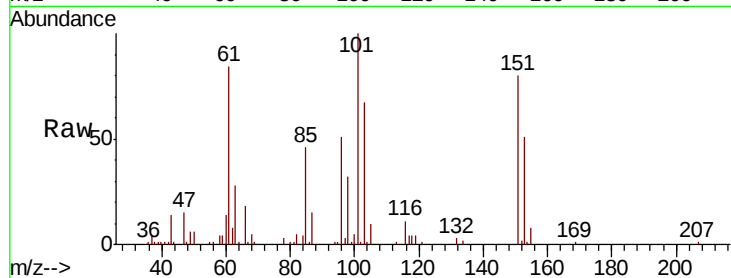
Tot Ion:101 Resp: 96767

Ion Ratio Lower Upper

101 100

85 45.1 35.6 53.4

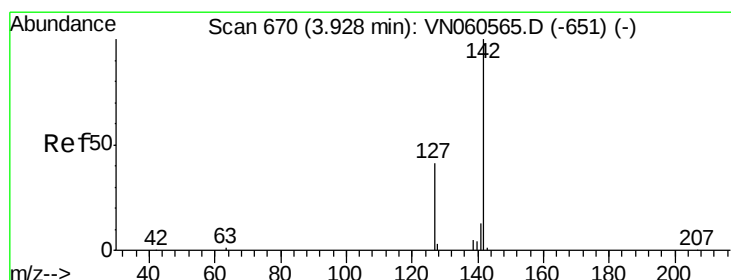
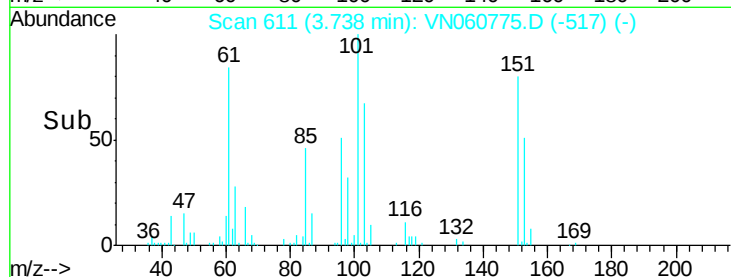
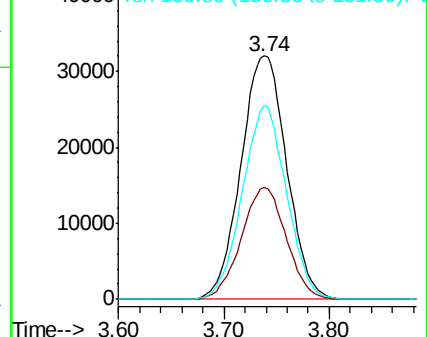
151 76.6 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.481 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

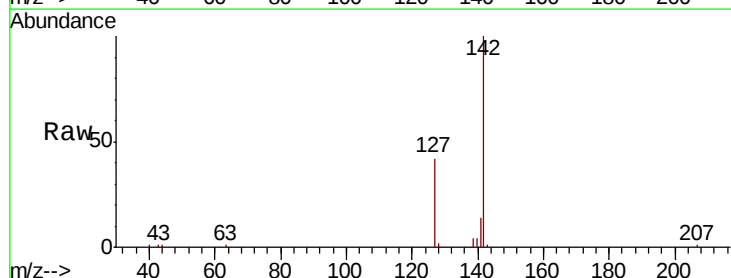
Tgt Ion:142 Resp: 80340

Ion Ratio Lower Upper

142 100

127 41.6 33.5 50.3

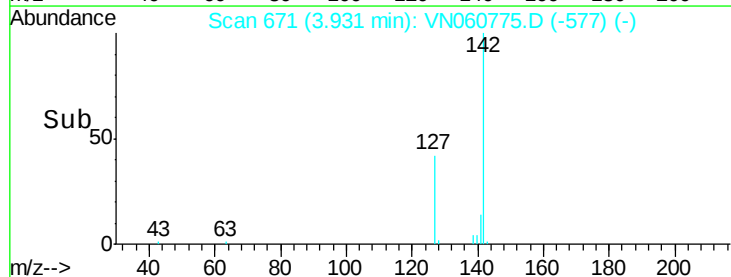
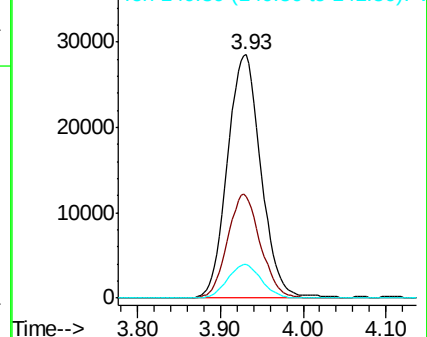
141 13.7 11.0 16.6

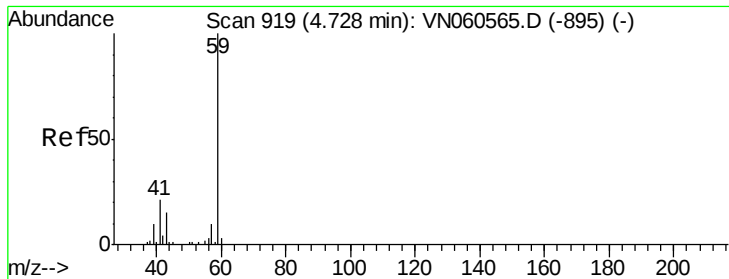


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



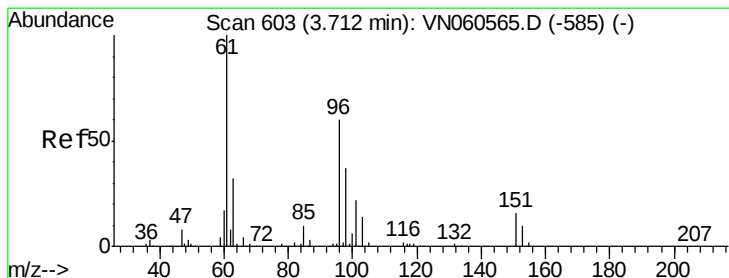
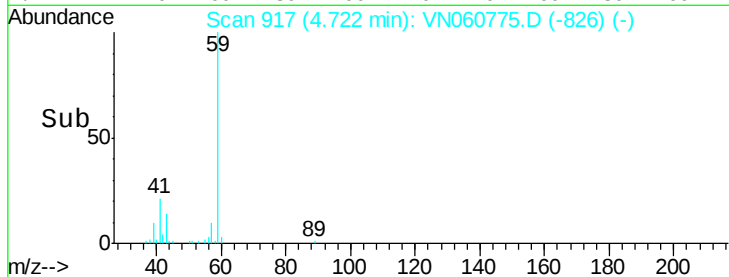
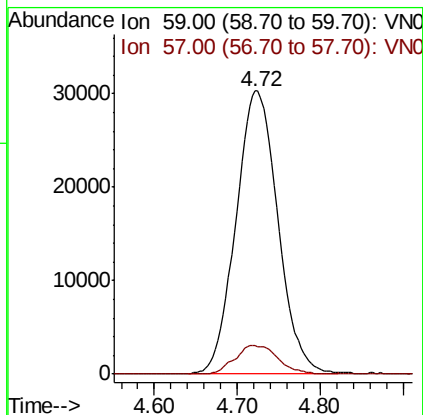
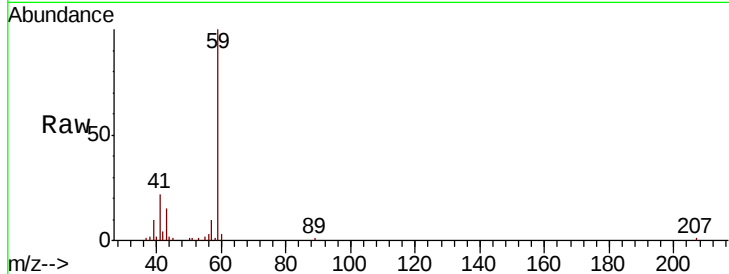


#11

Tert butyl alcohol
 Concen: 268.529 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Instrument :
 MSVOA_N
 ClientSampleId :

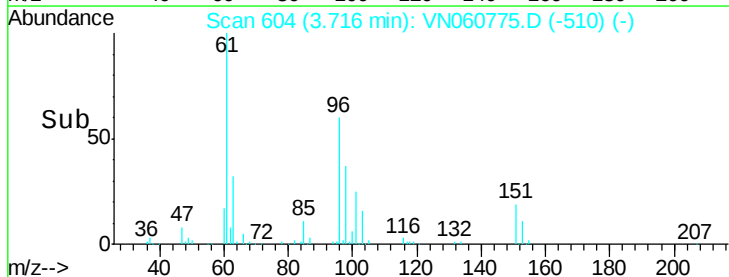
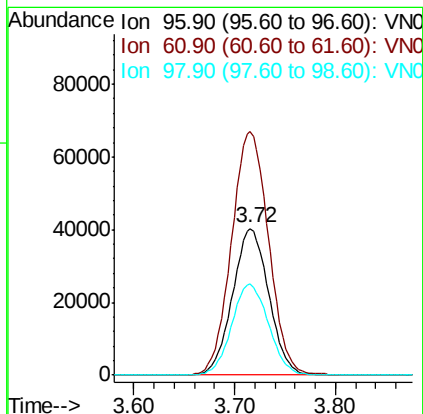
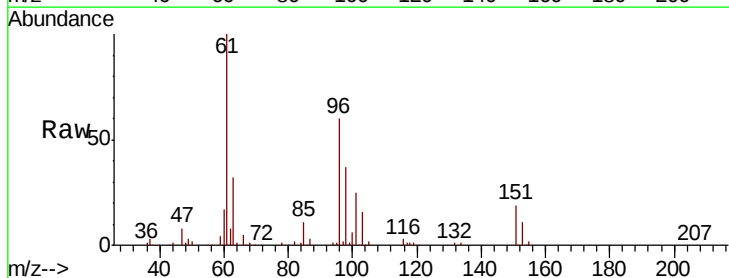
Tot Ion: 59 Resp: 106672
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 47.260 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion: 96 Resp: 100678
 Ion Ratio Lower Upper
 96 100
 61 166.0 134.1 201.1
 98 61.8 49.9 74.9





#13

Acrolein

Concen: 301.825 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

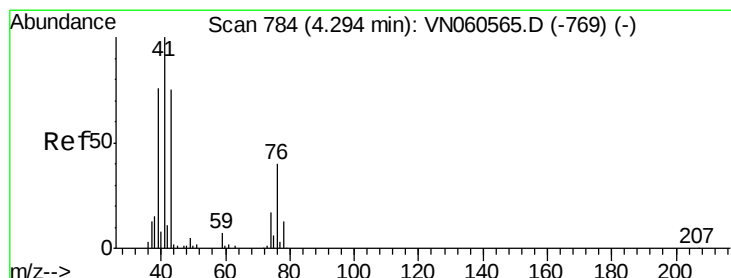
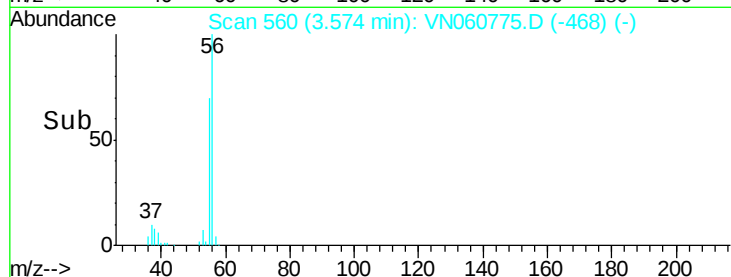
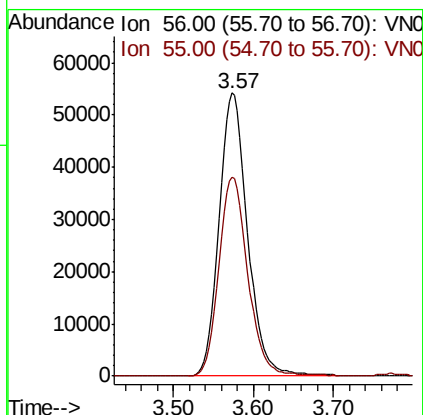
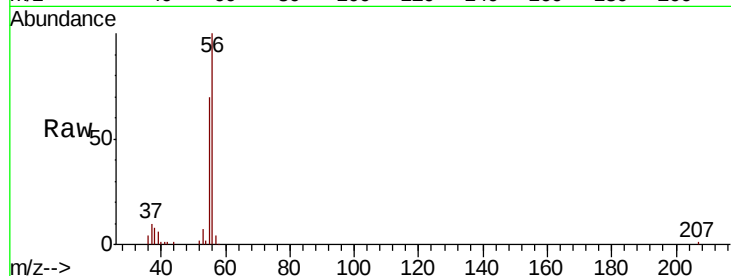
ClientSampled :

Tot Ion: 56 Resp: 132883

Ion Ratio Lower Upper

56 100

55 71.3 56.7 85.1



#14

Allyl chloride

Concen: 48.815 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

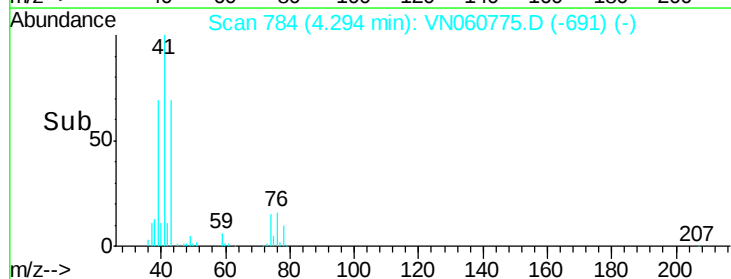
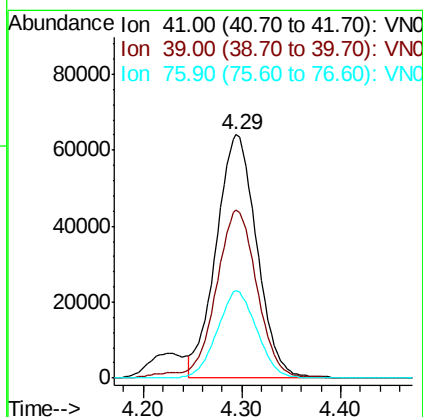
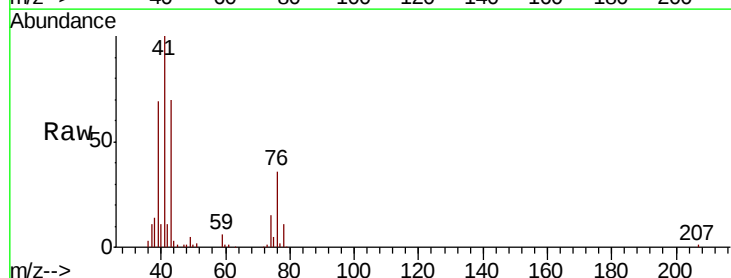
Tgt Ion: 41 Resp: 182898

Ion Ratio Lower Upper

41 100

39 69.5 57.8 86.8

76 35.1 28.6 43.0





#15

Acrylonitrile

Concen: 265.388 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

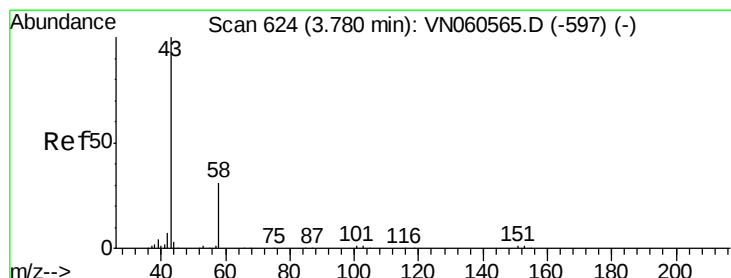
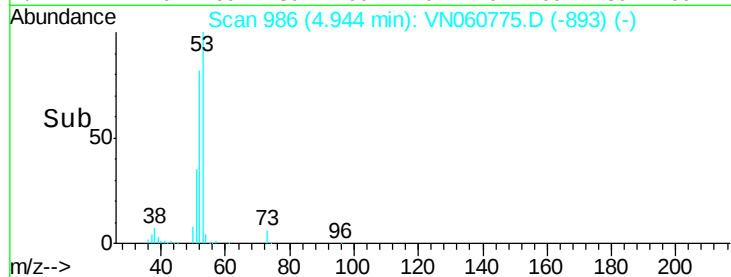
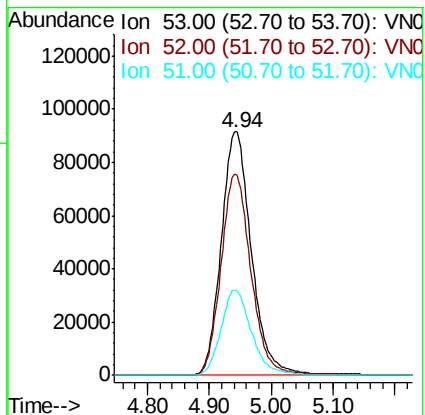
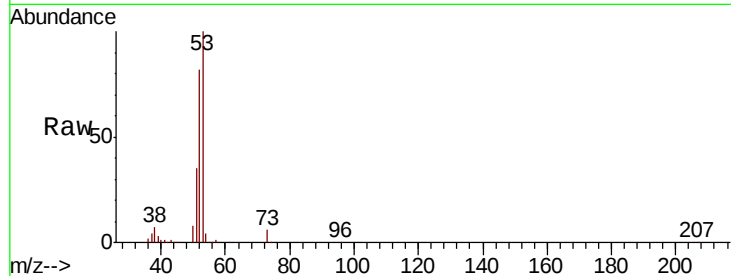
Tot Ion: 53 Resp: 310010

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

51 35.6 28.7 43.1



#16

Acetone

Concen: 257.406 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060775.D

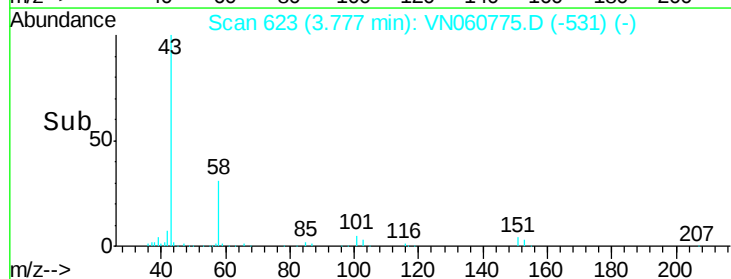
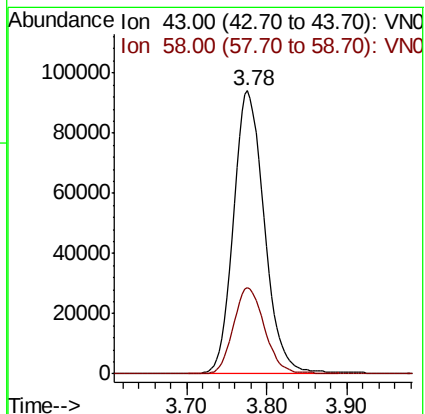
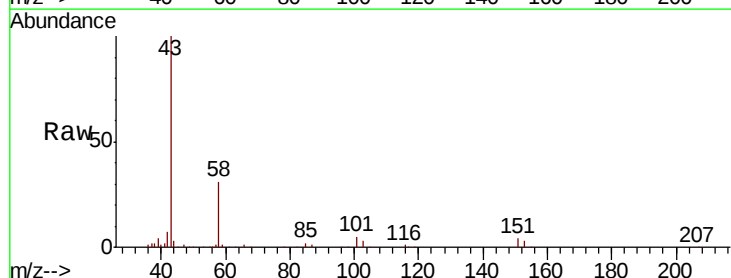
Acq: 30 Mar 2020 16:57

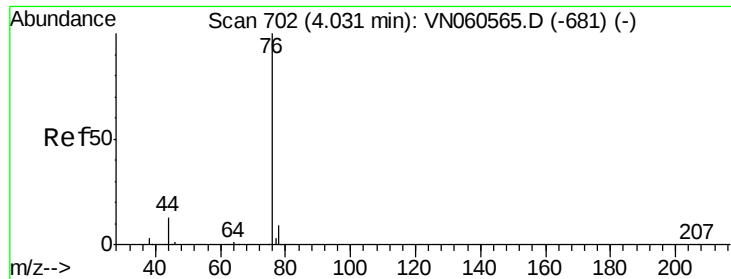
Tgt Ion: 43 Resp: 246282

Ion Ratio Lower Upper

43 100

58 30.6 25.1 37.7

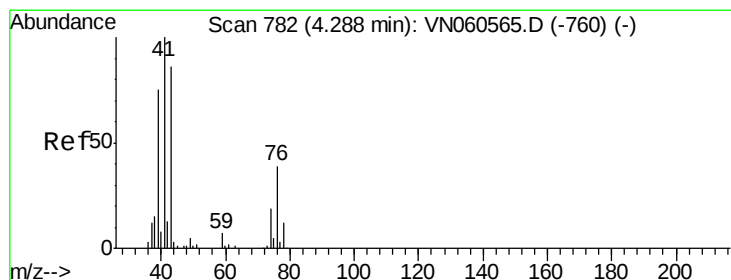
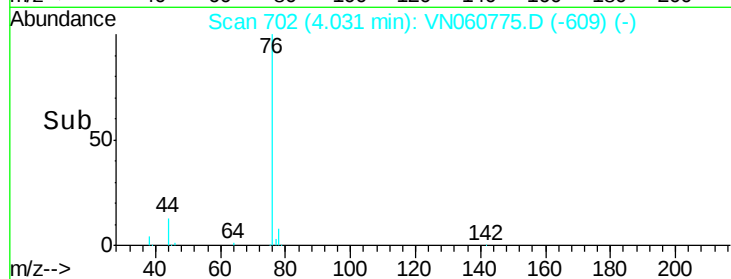
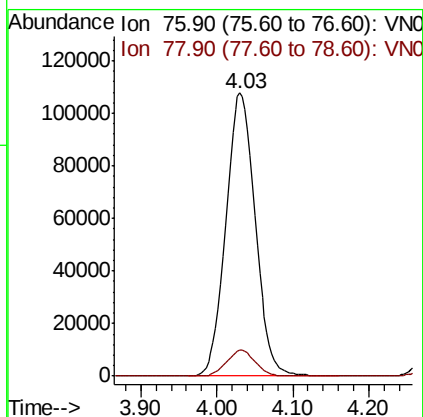
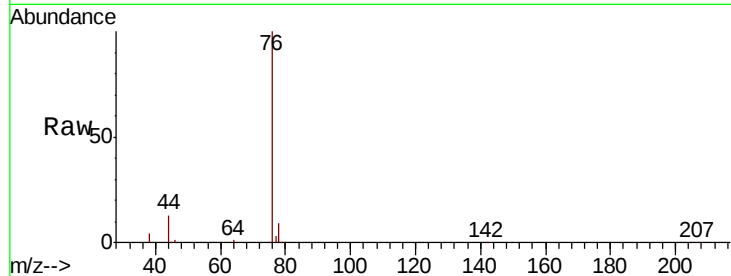




#17
Carbon Disulfide
Concen: 44.757 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

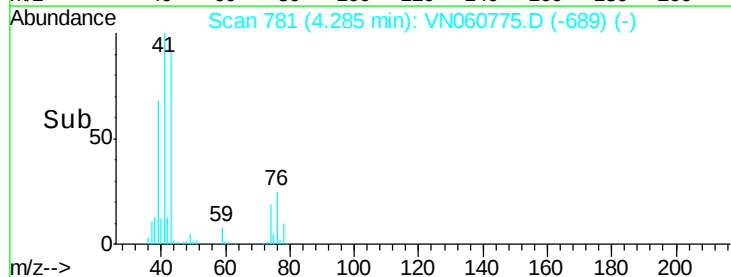
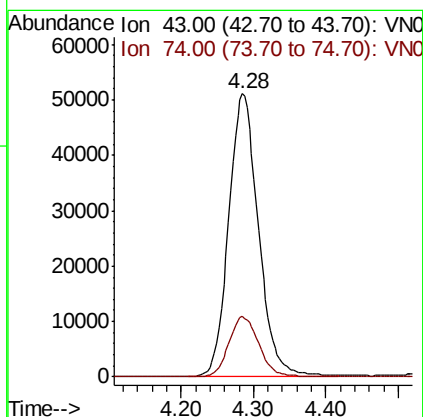
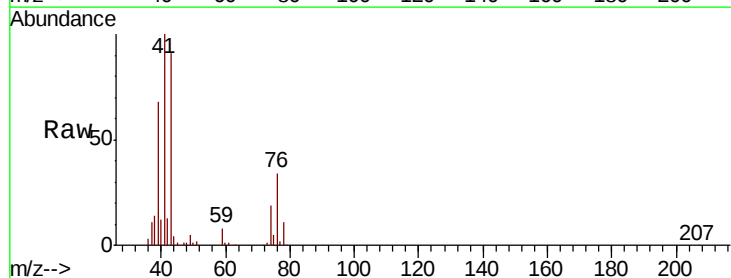
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 289978
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 54.462 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion: 43 Resp: 146671
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3

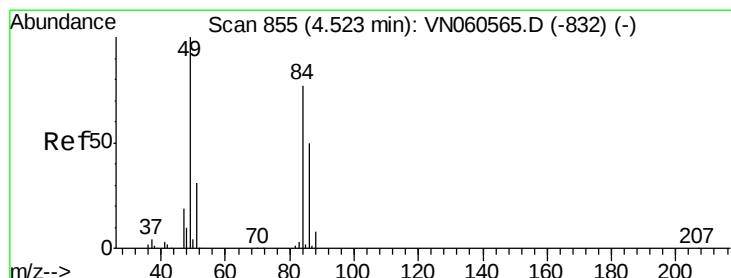
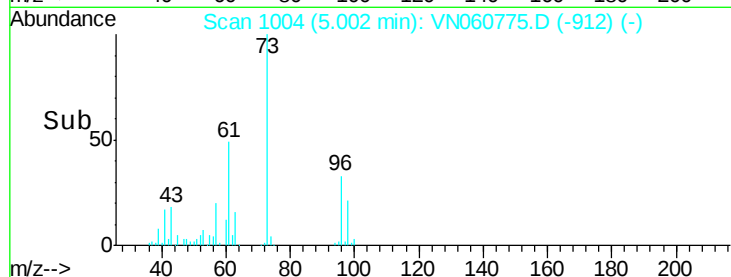
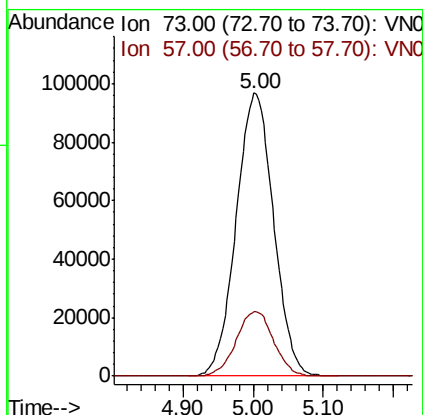
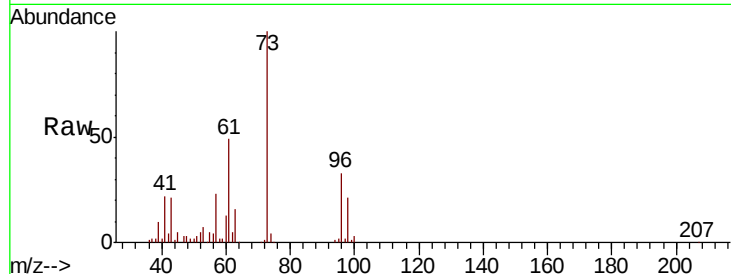




#19
Methvl tert-butvl Ether
Concen: 48.906 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

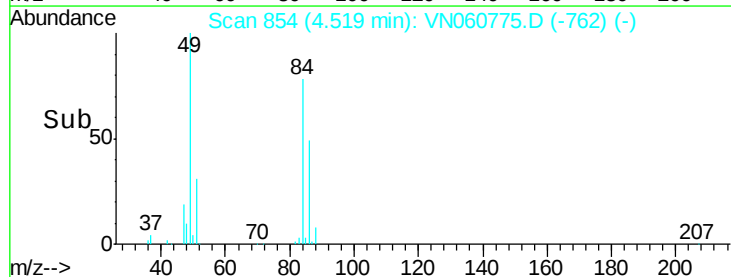
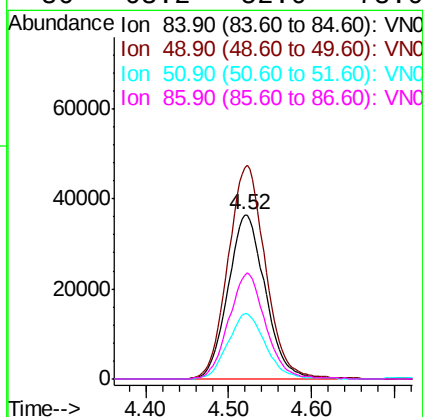
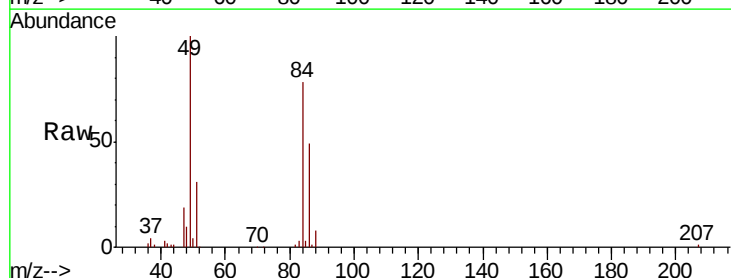
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 358202
Ion Ratio Lower Upper
73 100
57 22.6 17.5 26.3



#20
Methylene Chloride
Concen: 48.507 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion: 84 Resp: 114168
Ion Ratio Lower Upper
84 100
49 128.5 103.3 154.9
51 39.9 31.6 47.4
86 63.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.087 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

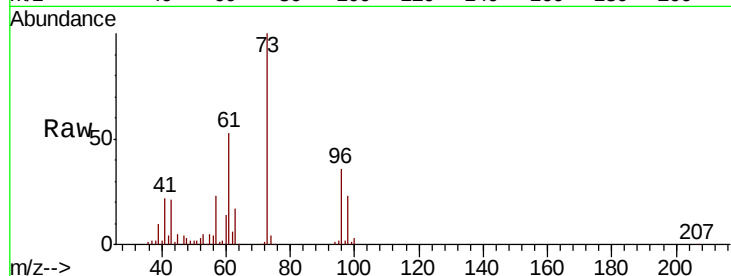
Tot Ion: 96 Resp: 106910

Ion Ratio Lower Upper

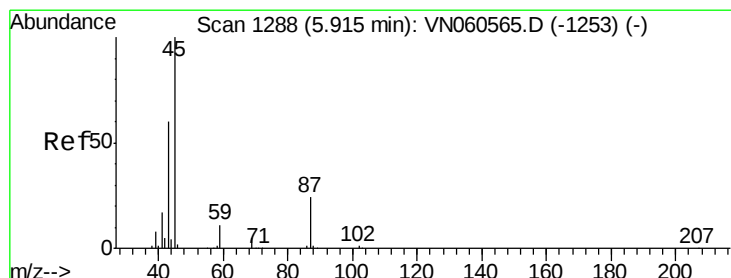
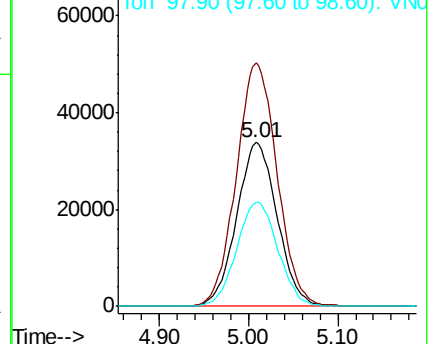
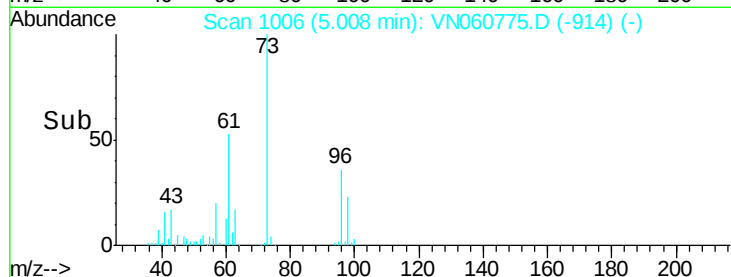
96 100

61 147.9 114.4 171.6

98 63.6 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060775.D (-1195) (-)



#22

Diisopropyl ether

Concen: 50.977 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Tgt Ion: 45 Resp: 403521

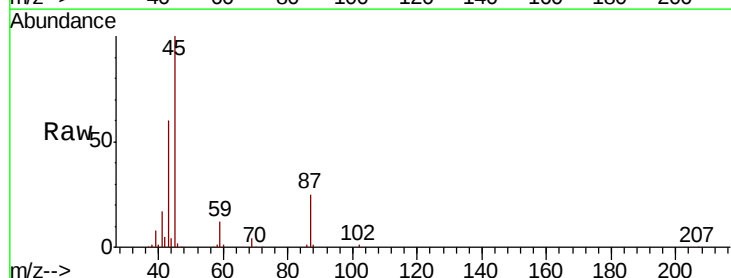
Ion Ratio Lower Upper

45 100

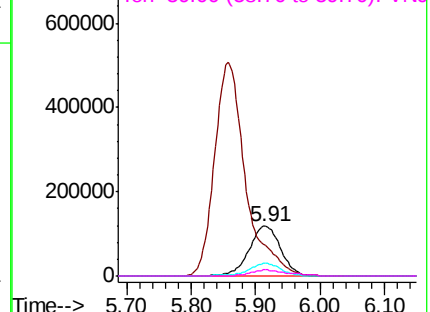
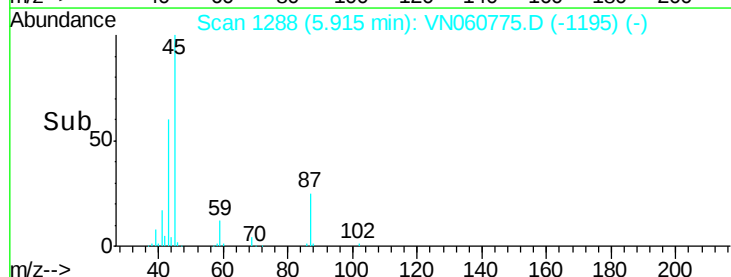
43 59.7 49.8 74.8

87 25.1 20.1 30.1

59 11.8 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN060775.D (-1195) (-)





#23

Vinyl Acetate

Concen: 262.451 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

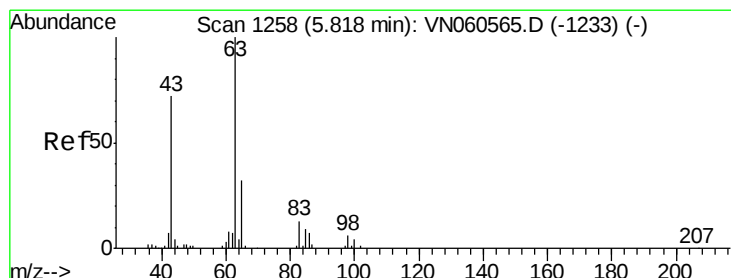
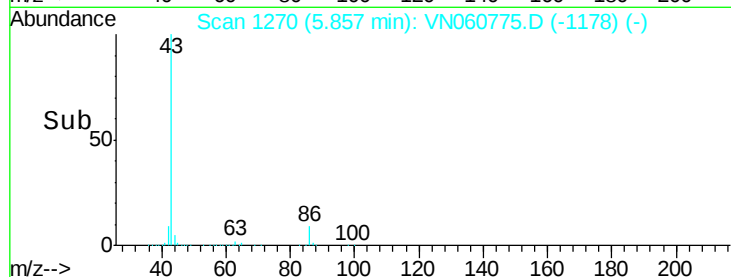
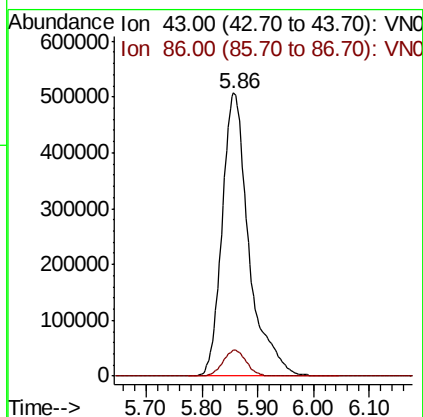
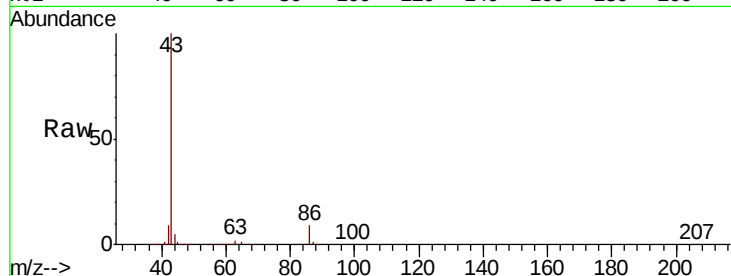
ClientSampled :

Tot Ion: 43 Resp: 1695066

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



#24

1,1-Dichloroethane

Concen: 50.037 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

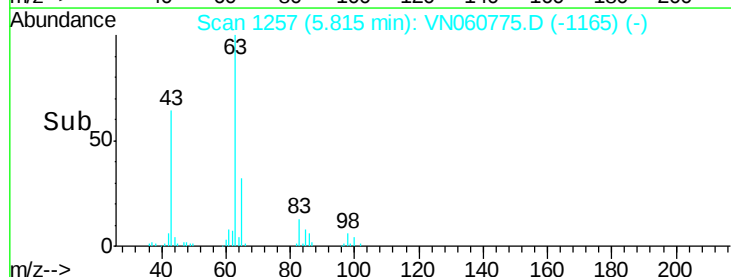
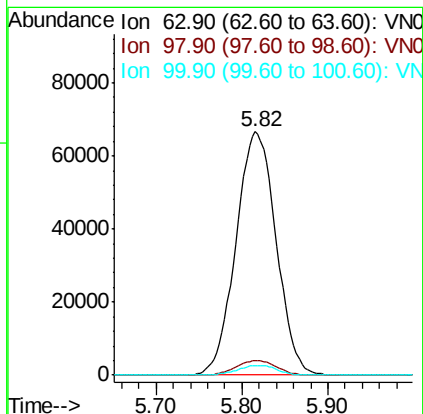
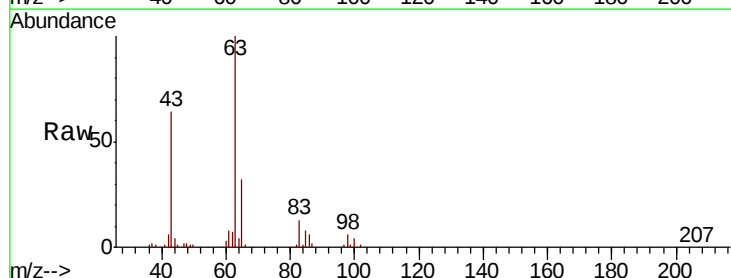
Tgt Ion: 63 Resp: 215925

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 266.721 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

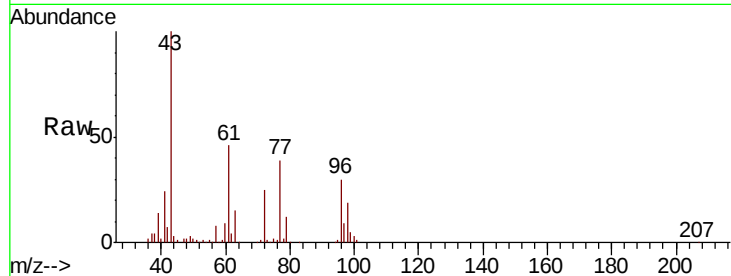
ClientSampleId :

Tot Ion: 43 Resp: 412948

Ion Ratio Lower Upper

43 100

72 24.8 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

150000

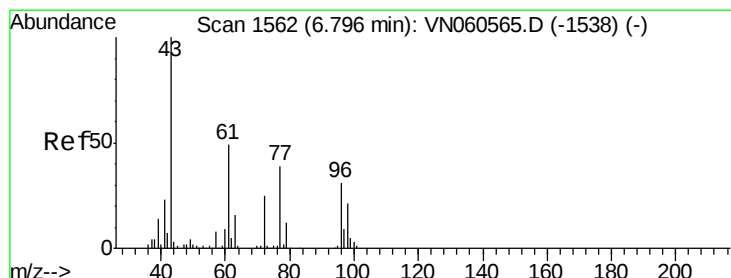
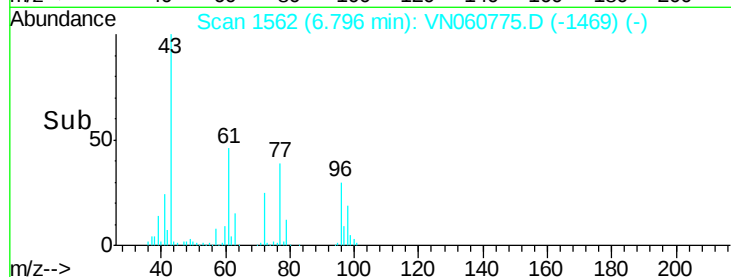
100000

50000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 52.175 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060775.D

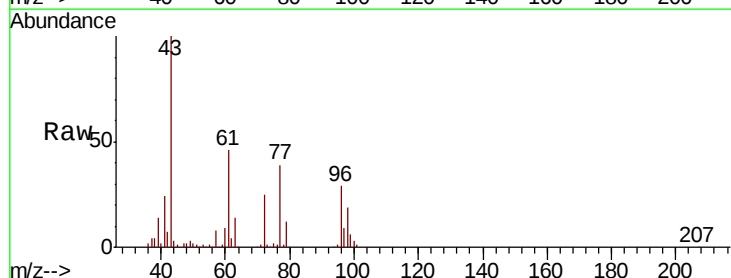
Acq: 30 Mar 2020 16:57

Tgt Ion: 77 Resp: 177144

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

60000

50000

40000

30000

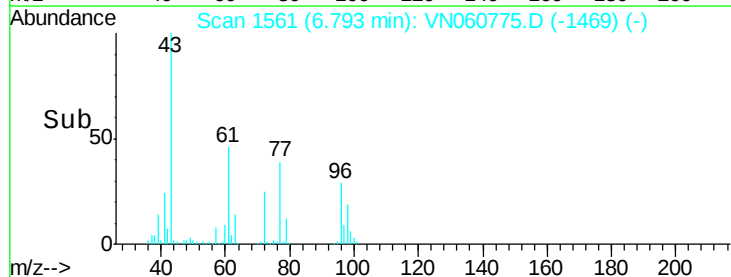
20000

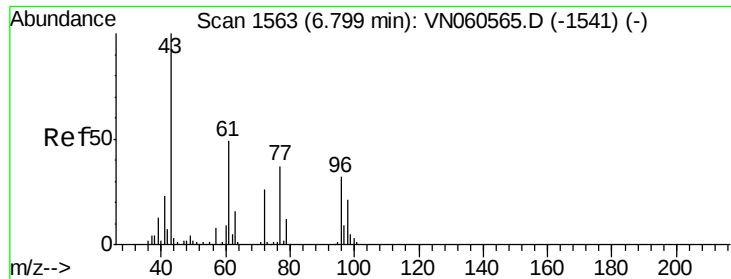
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.909 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

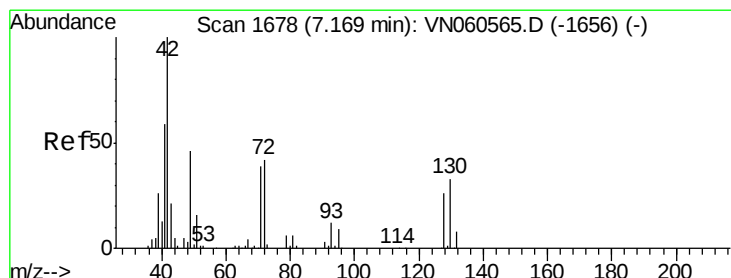
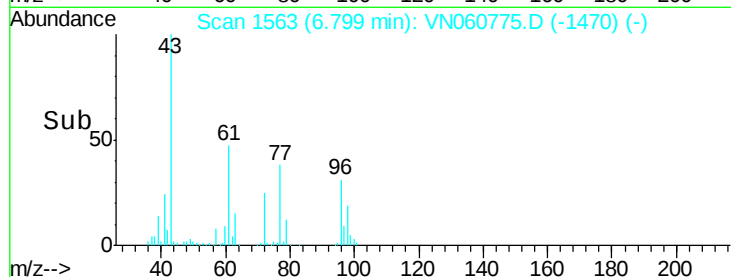
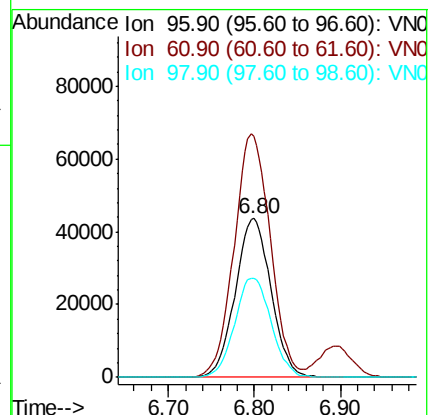
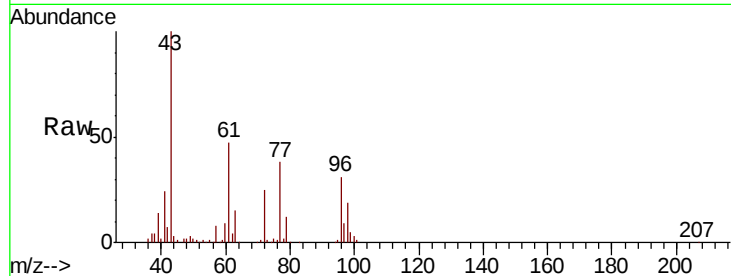
Tot Ion: 96 Resp: 126191

Ion Ratio Lower Upper

96 100

61 155.3 0.0 305.6

98 63.5 0.0 127.6



#28

Bromochloromethane

Concen: 52.412 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

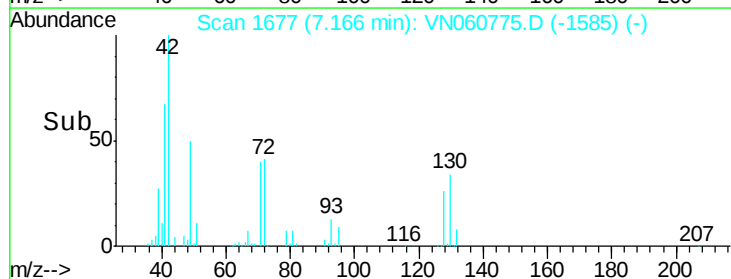
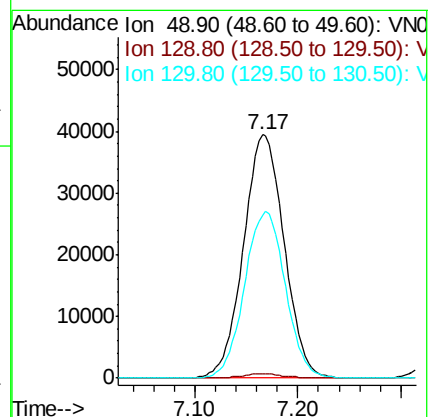
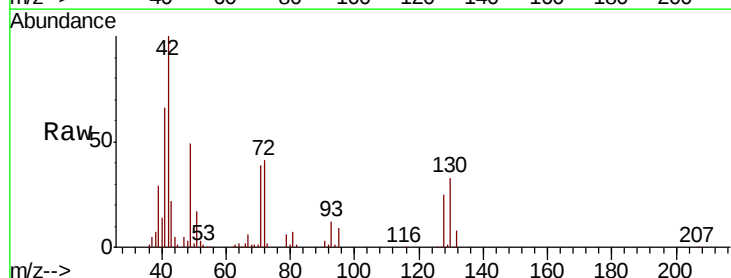
Tgt Ion: 49 Resp: 108210

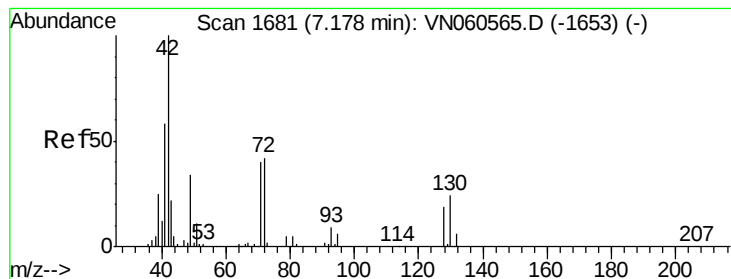
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

130 68.6 55.0 82.4





#29

Tetrahydrofuran

Concen: 257.595 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampled :

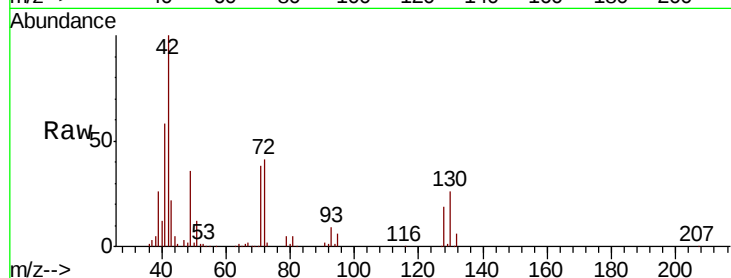
Tot Ion: 42 Resp: 282180

Ion Ratio Lower Upper

42 100

72 40.5 33.2 49.8

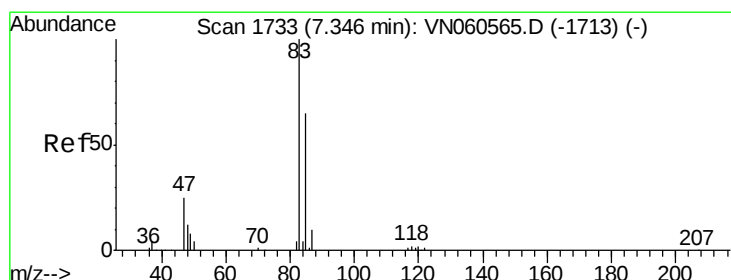
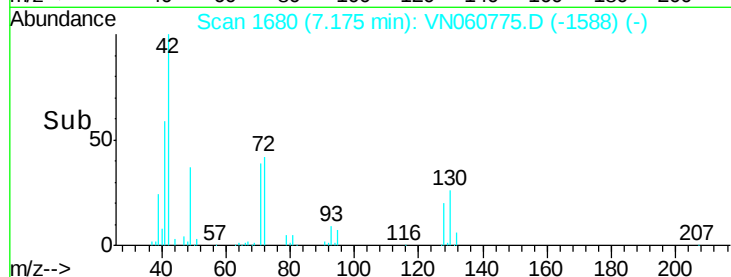
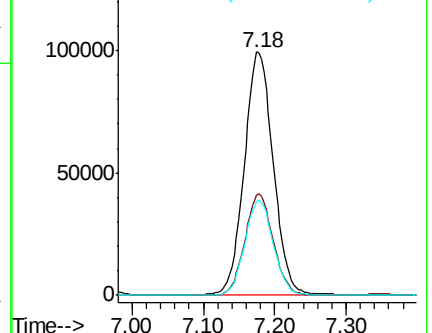
71 38.4 31.1 46.7



Abundance Ion 42.00 (41.70 to 42.70): VN060775.D (-1588) (-)

Ion 72.00 (71.70 to 72.70): VN060775.D (-1588) (-)

Ion 71.00 (70.70 to 71.70): VN060775.D (-1588) (-)



#30

Chloroform

Concen: 49.457 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN060775.D

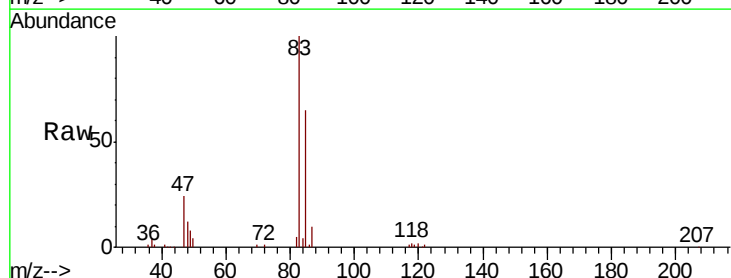
Acq: 30 Mar 2020 16:57

Tgt Ion: 83 Resp: 204598

Ion Ratio Lower Upper

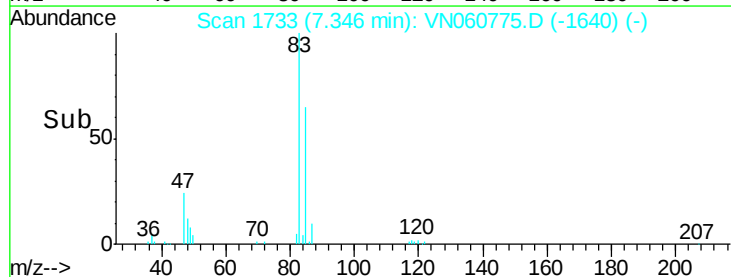
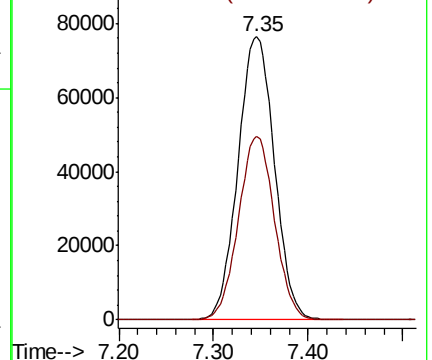
83 100

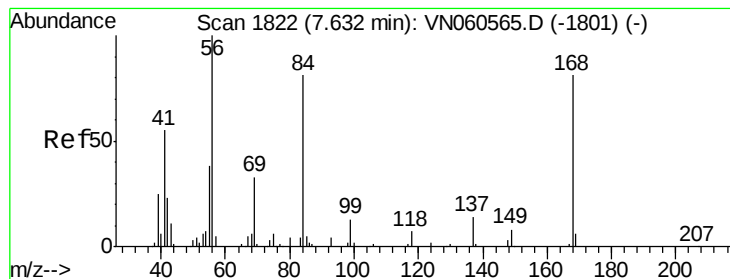
85 64.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN060775.D (-1640) (-)

Ion 84.90 (84.60 to 85.60): VN060775.D (-1640) (-)





#31

Cyclohexane

Concen: 45.850 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampled :

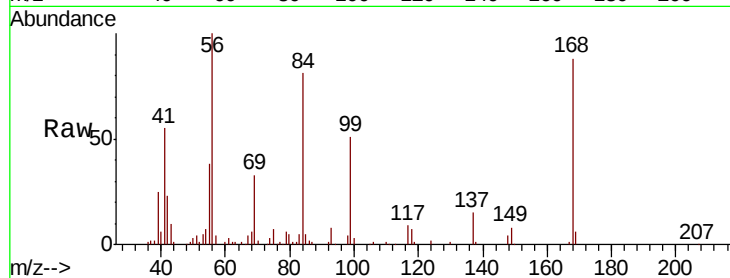
Tot Ion: 56 Resp: 199468

Ion Ratio Lower Upper

56 100

69 32.7 26.6 40.0

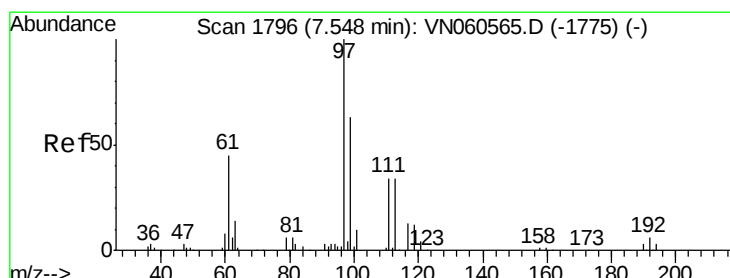
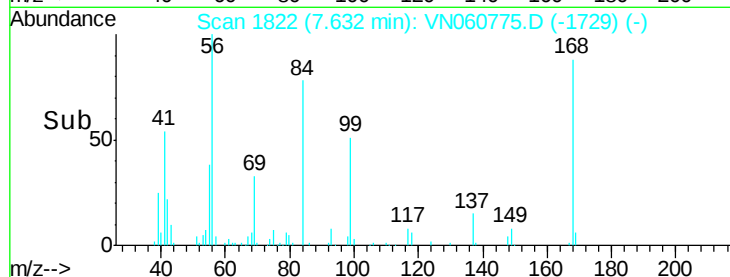
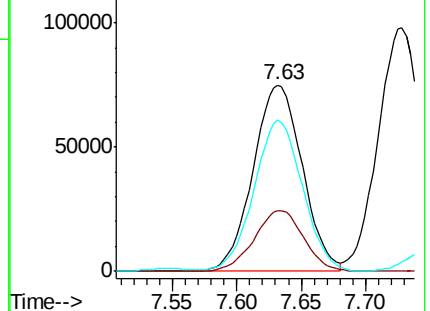
84 80.2 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060775.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060775.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060775.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 49.339 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

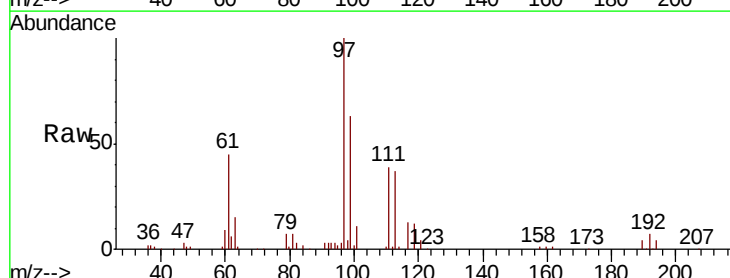
Tgt Ion: 97 Resp: 175956

Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

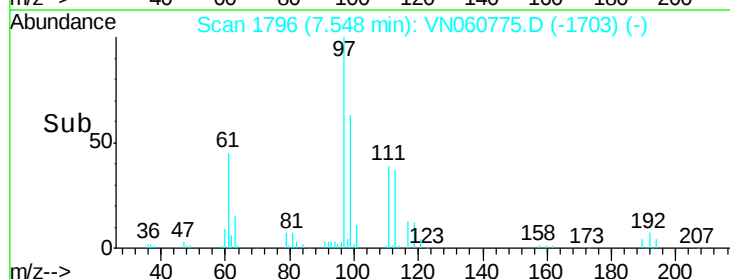
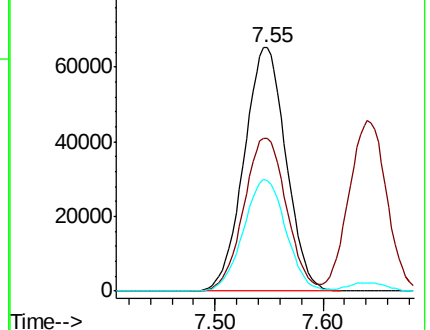
61 46.3 36.2 54.4

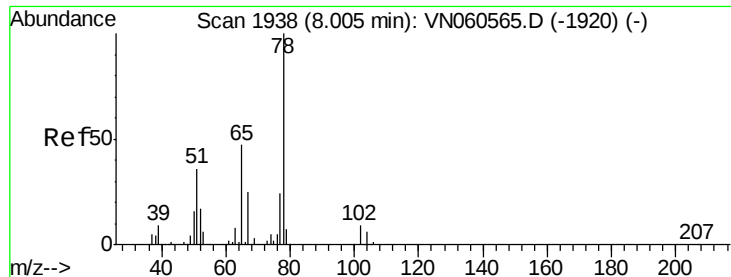


Abundance Ion 96.90 (96.60 to 97.60): VN060775.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060775.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060775.D (-1703) (-)

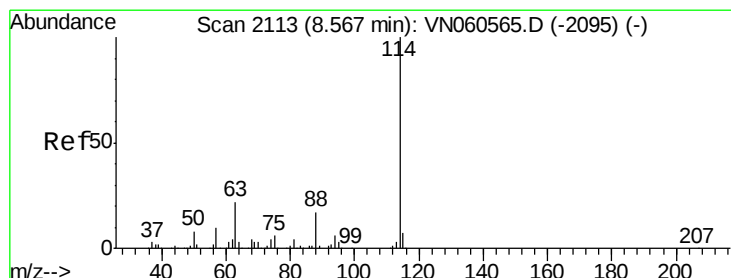
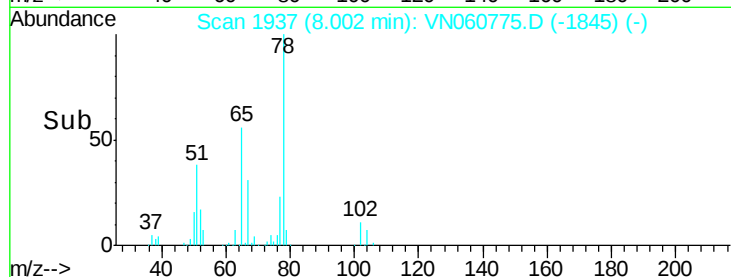
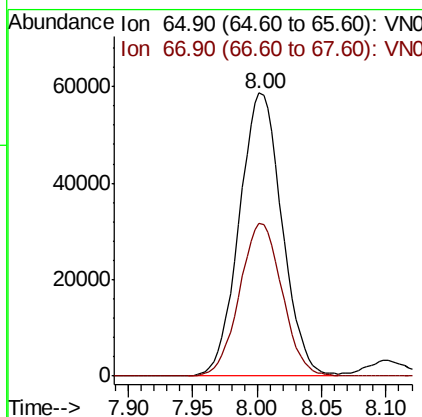
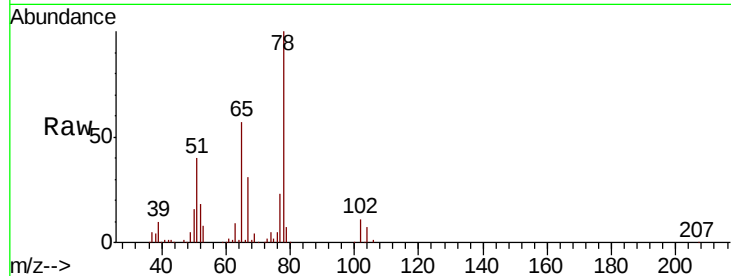




#33
 1,2-Dichloroethane-d4
 Concen: 50.218 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

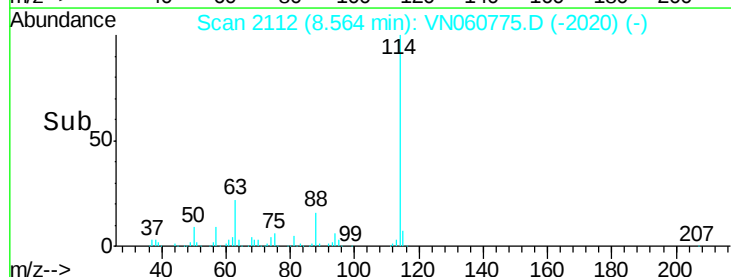
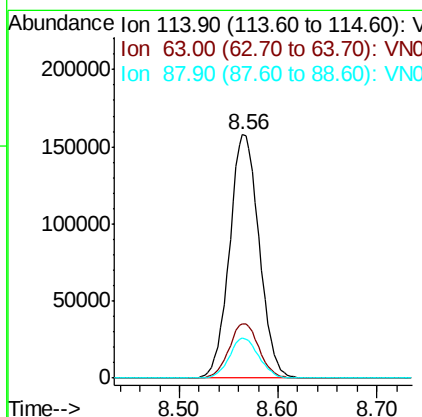
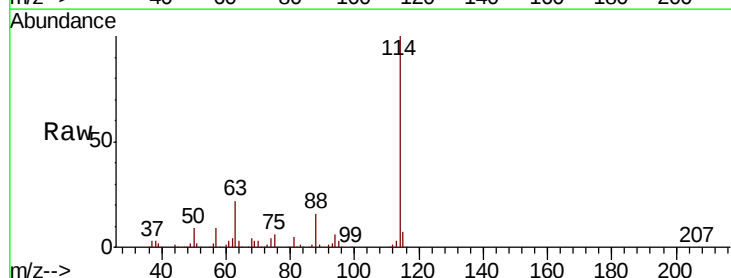
Instrument :
 MSVOA_N
 ClientSampleId :

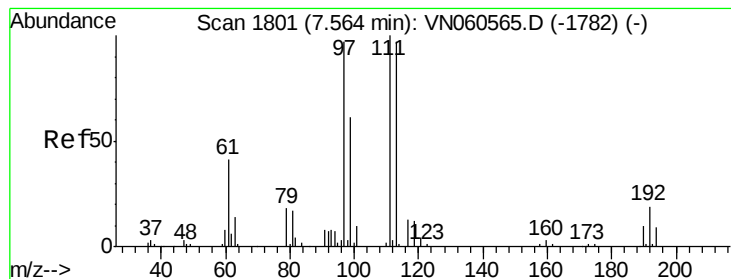
Tot Ion: 65 Resp: 135643
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion: 114 Resp: 330931
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.550 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

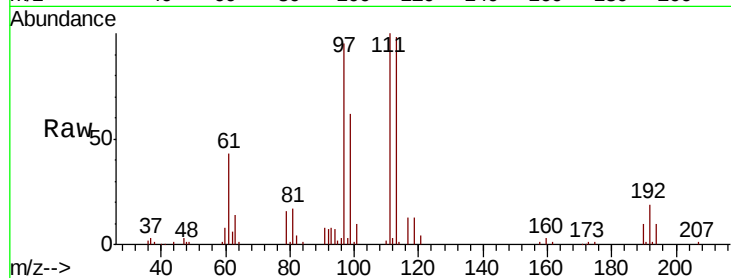
Tot Ion:113 Resp: 101152

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

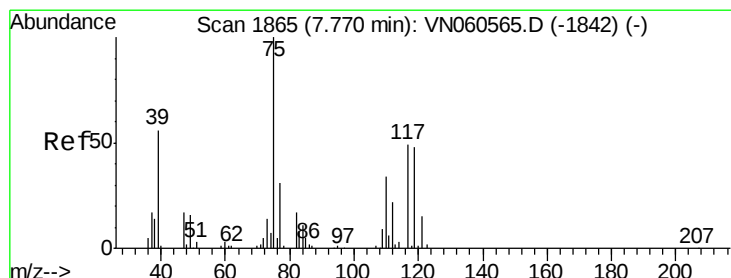
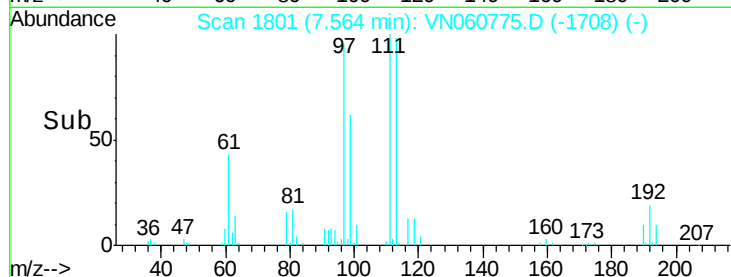
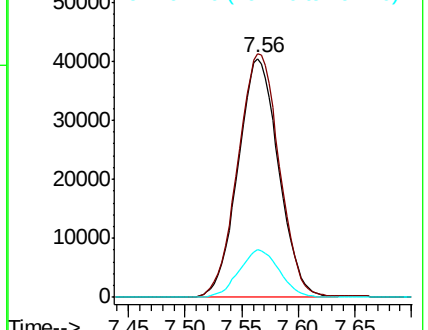
192 19.6 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.968 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

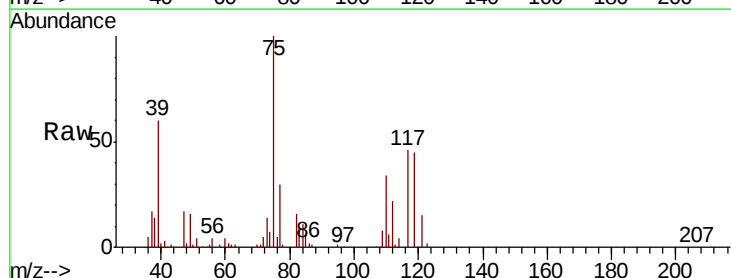
Tgt Ion: 75 Resp: 156916

Ion Ratio Lower Upper

75 100

110 33.6 16.9 50.6

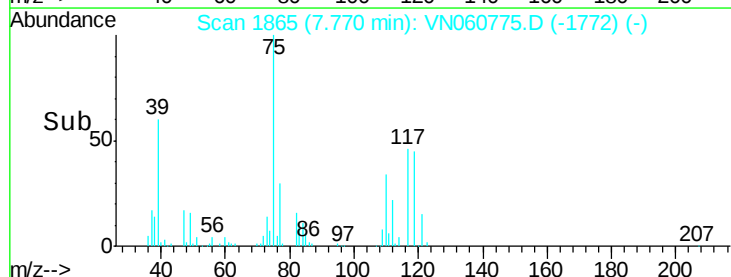
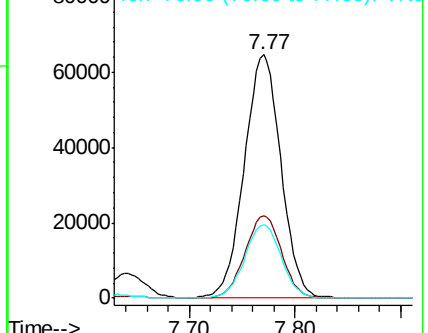
77 30.2 24.6 36.8

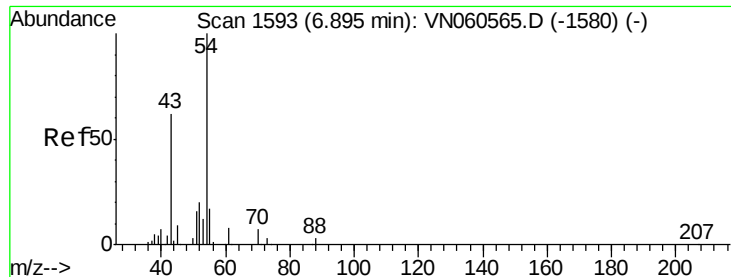


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

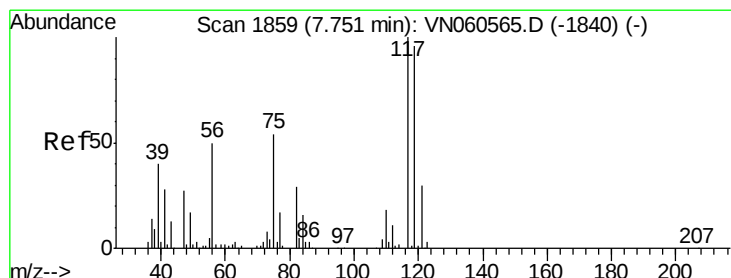
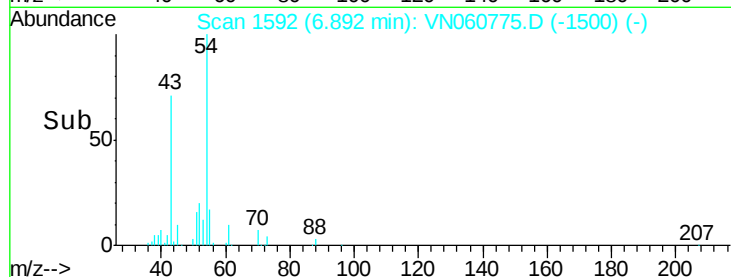
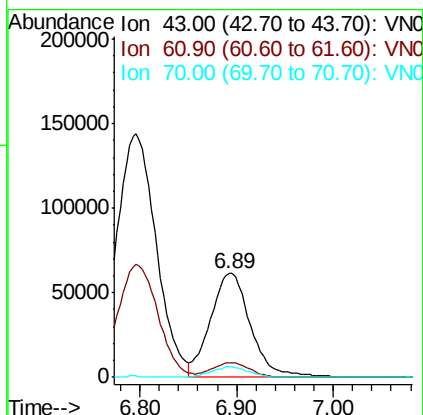
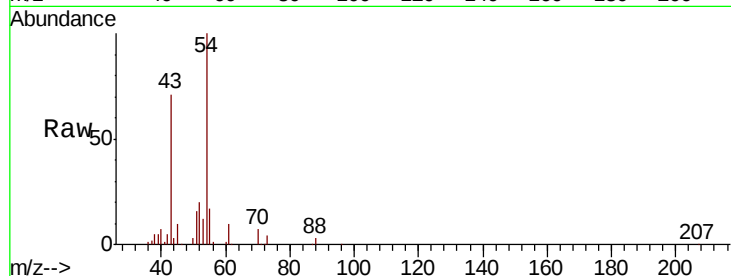




#37
Ethyl Acetate
Concen: 50.404 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

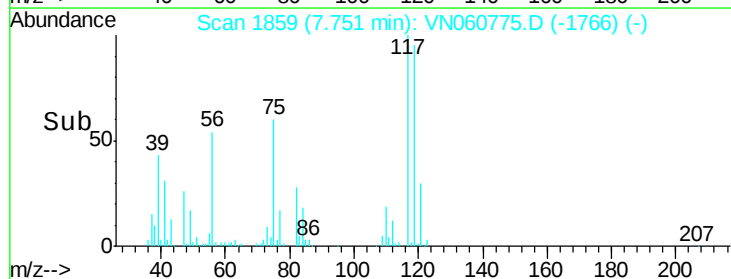
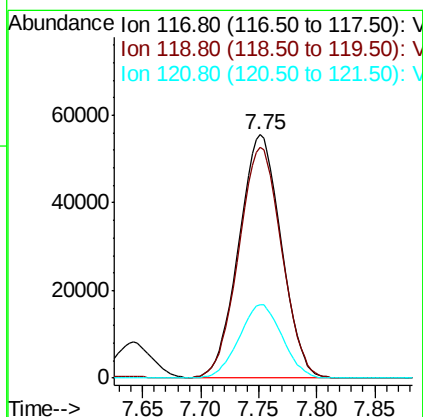
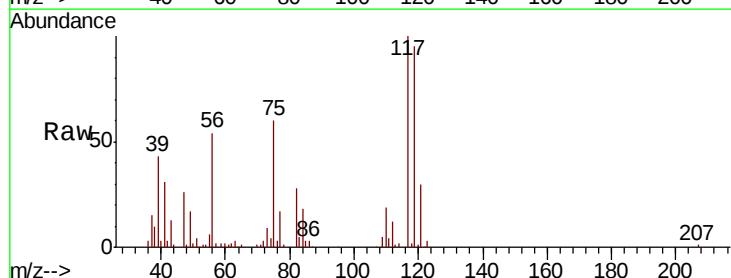
Instrument :
MSVOA_N
ClientSampleId :

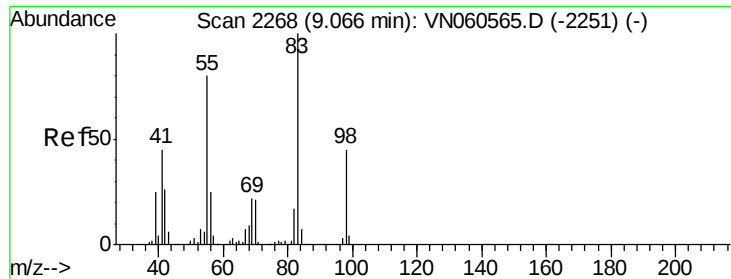
Tot Ion: 43 Resp: 174522
Ion Ratio Lower Upper
43 100
61 13.8 10.6 15.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.268 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion: 117 Resp: 141497
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.2
121 30.3 23.7 35.5

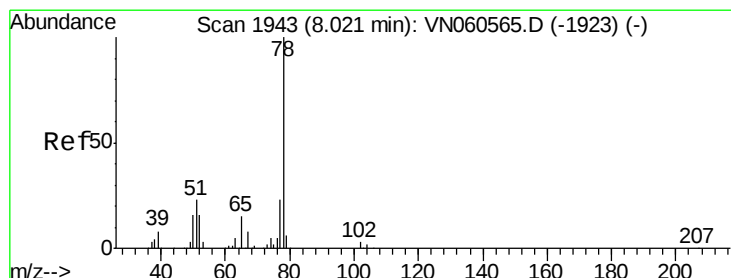
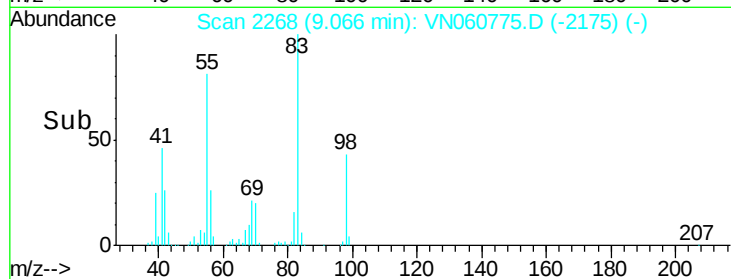
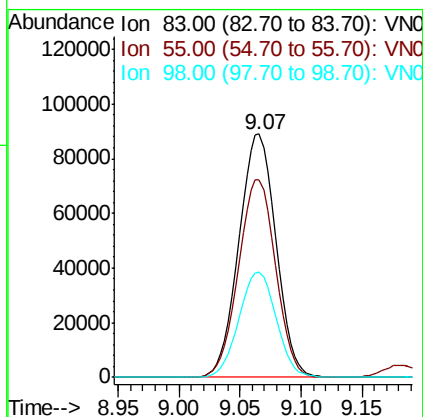
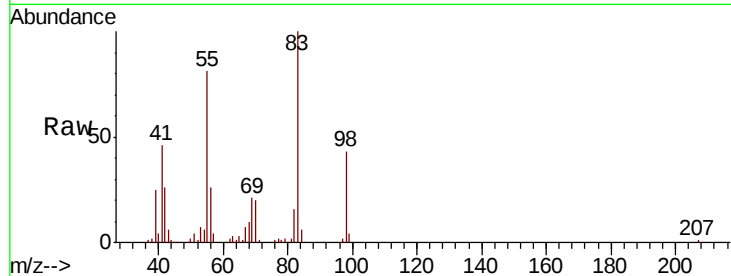




#39
Methvlcvclohexane
Concen: 49.081 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

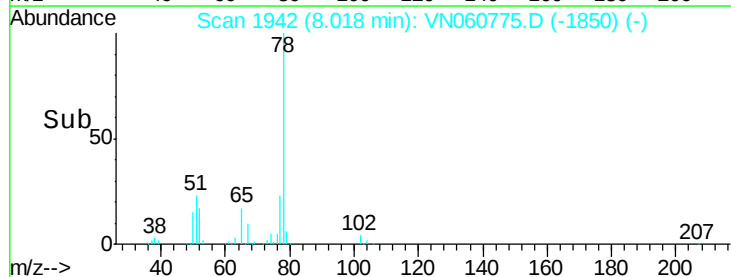
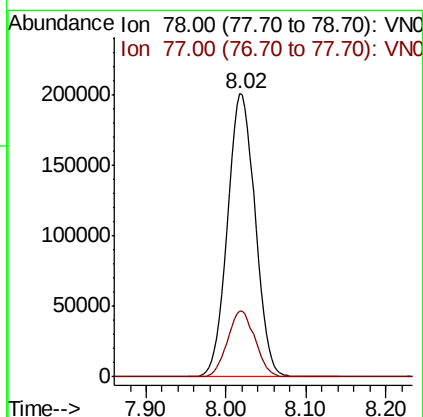
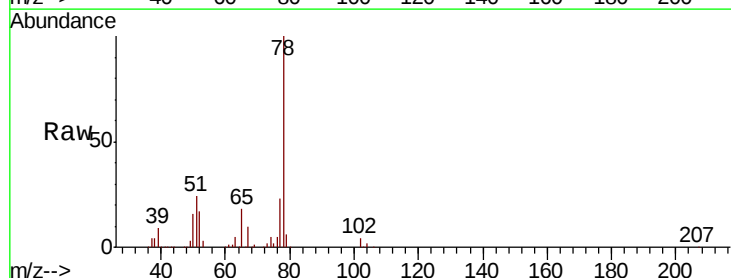
Instrument :
MSVOA_N
ClientSampled :

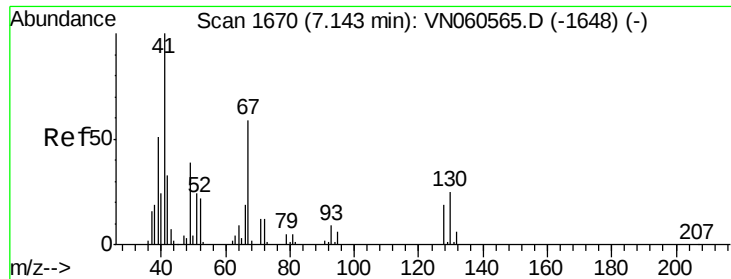
Tot Ion	83	Resp	186906
Ion	Ratio	Lower	Upper
83	100		
55	81.3	63.6	95.4
98	43.1	36.0	54.0



#40
Benzene
Concen: 48.865 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion	78	Resp	472693
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0

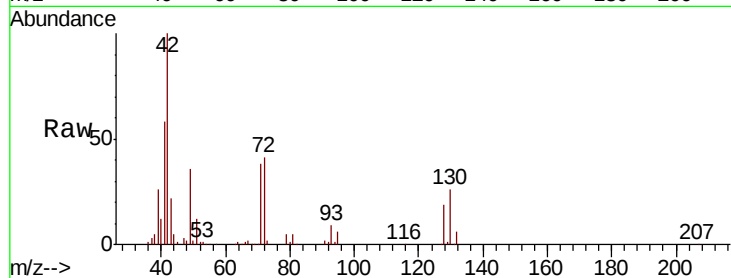




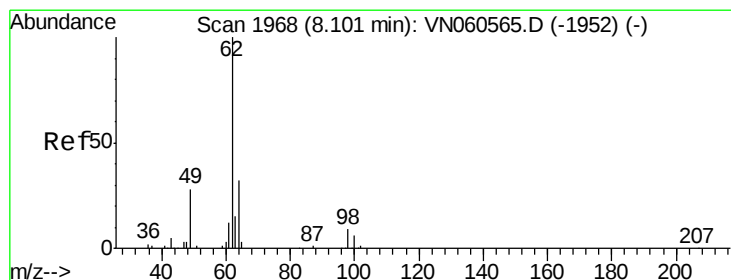
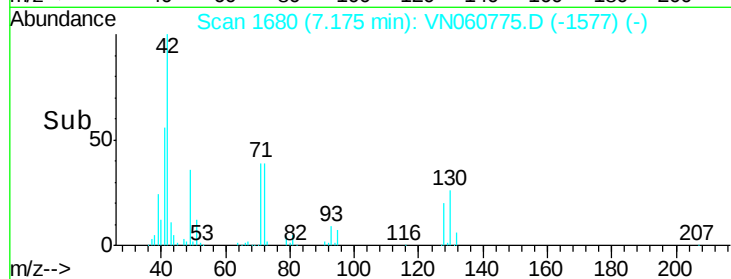
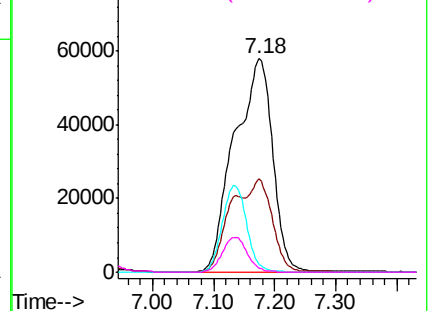
#41
Methacrylonitrile
Concen: 170.929 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	252579
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

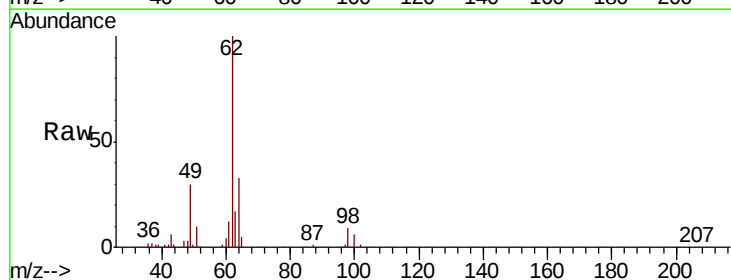


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

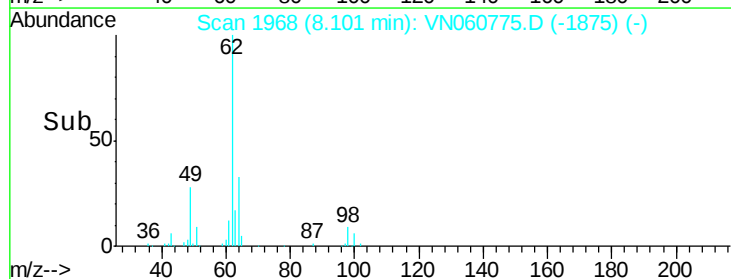
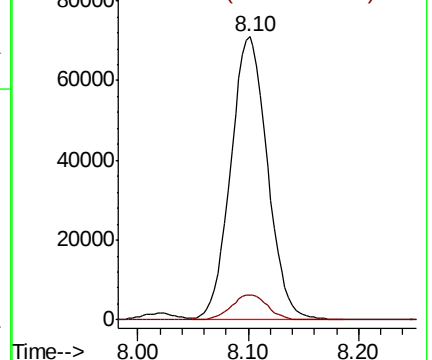


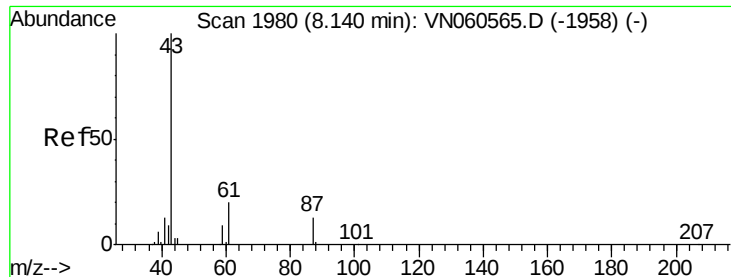
#42
1,2-Dichloroethane
Concen: 49.505 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion:	62	Resp:	163659
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



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

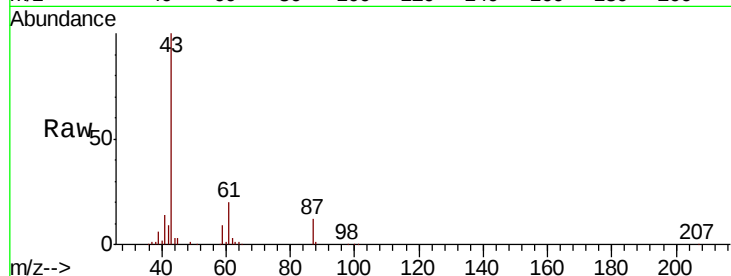




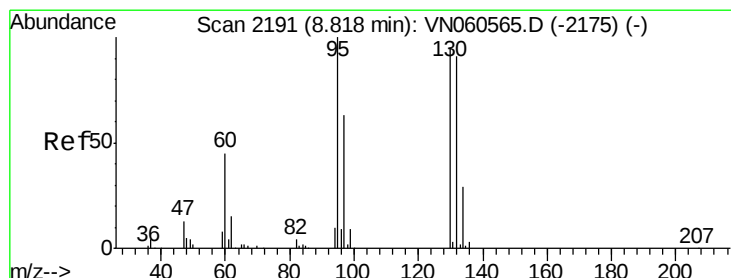
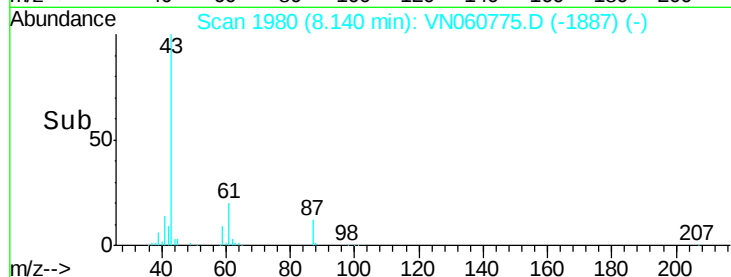
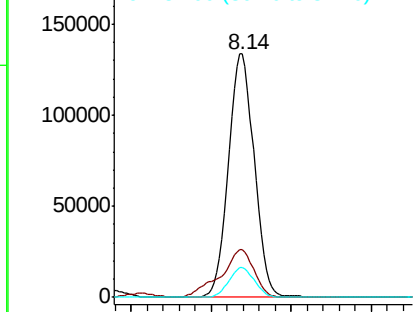
#43
Isopropyl Acetate
Concen: 51.428 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 293666
Ion Ratio Lower Upper
43 100
61 25.4 20.7 31.1
87 12.1 9.8 14.8

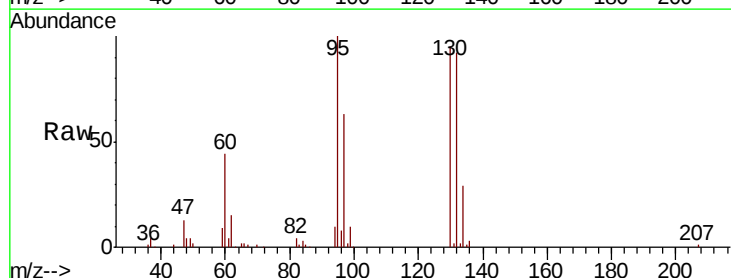


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

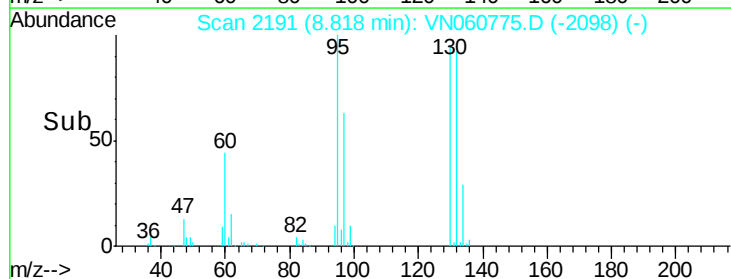
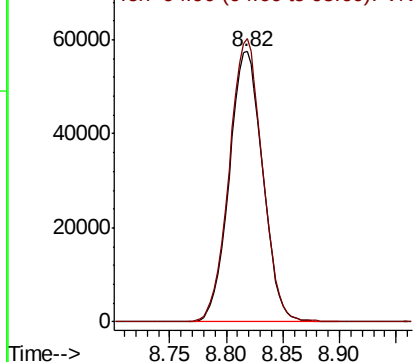


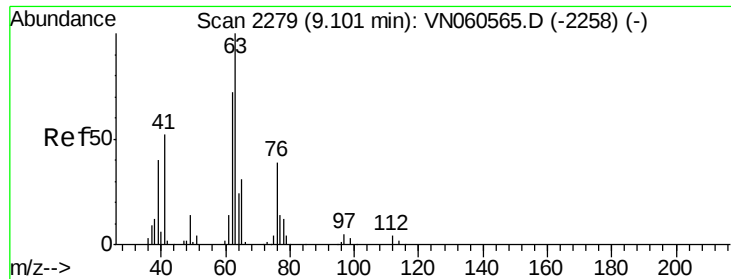
#44
Trichloroethene
Concen: 48.545 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion:130 Resp: 118380
Ion Ratio Lower Upper
130 100
95 104.7 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

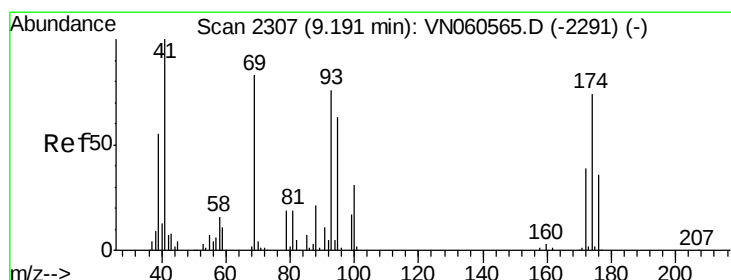
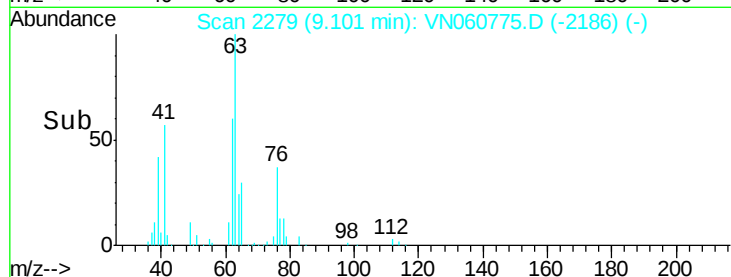
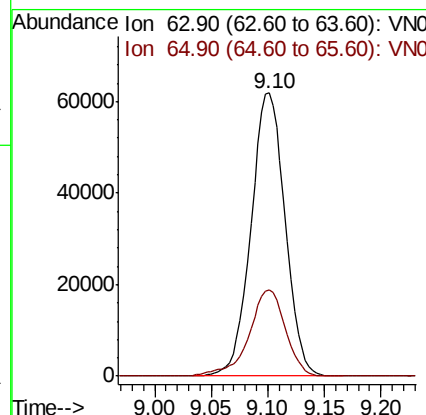
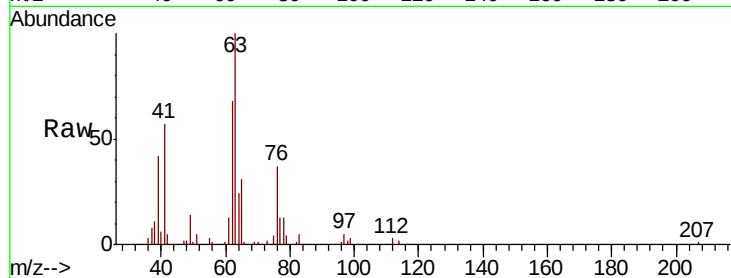




#45
 1,2-Dichloropropane
 Concen: 50.847 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

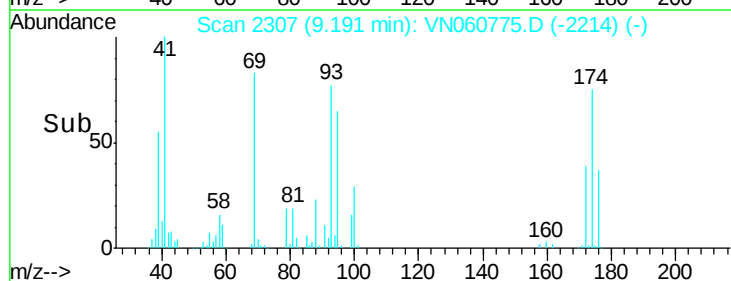
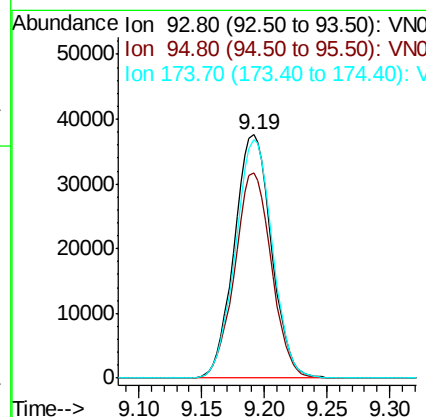
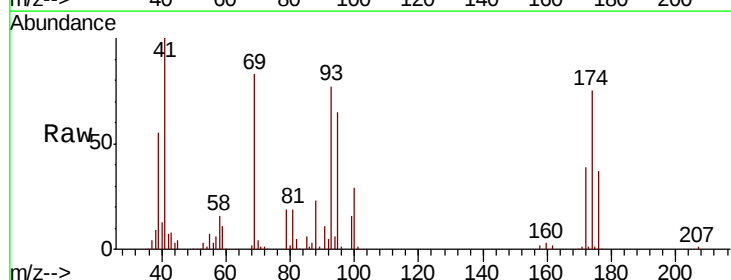
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 129788
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.0



#46
 Dibromomethane
 Concen: 50.286 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion: 93 Resp: 77598
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 97.3 77.9 116.9





#47

Bromodichloromethane

Concen: 50.795 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :
MSVOA_N
ClientSampled :

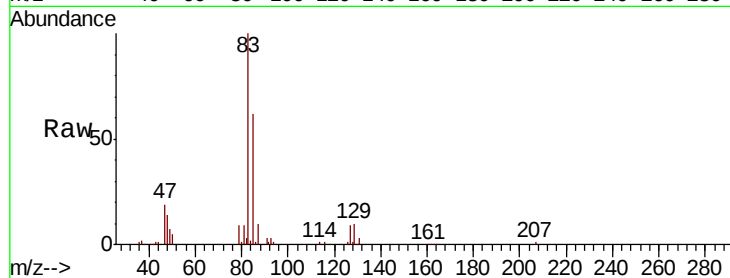
Tot Ion: 83 Resp: 162882

Ion Ratio Lower Upper

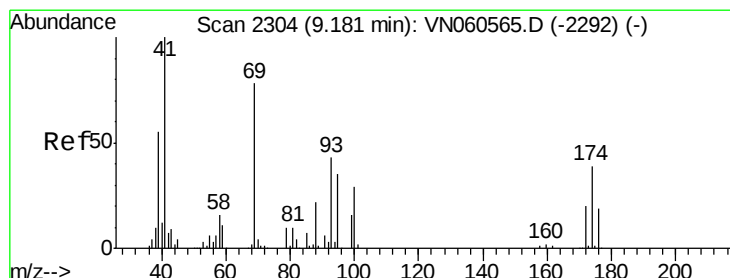
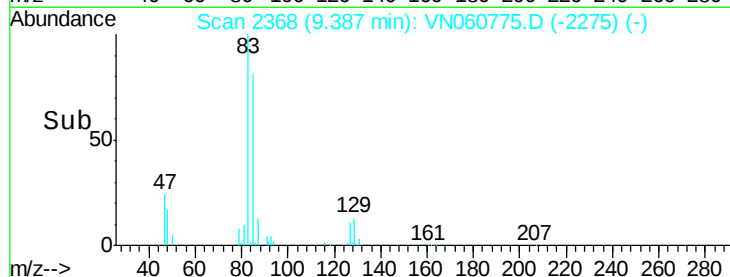
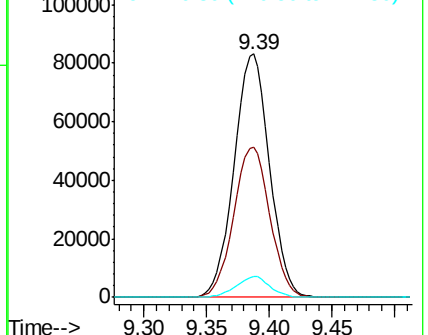
83 100

85 61.8 51.8 77.6

127 8.6 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): VN0



#48

Methyl methacrylate

Concen: 51.510 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

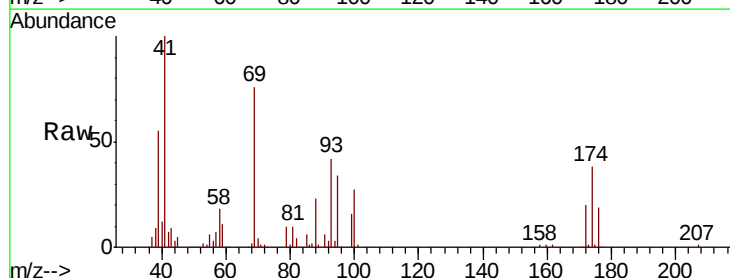
Tgt Ion: 41 Resp: 130959

Ion Ratio Lower Upper

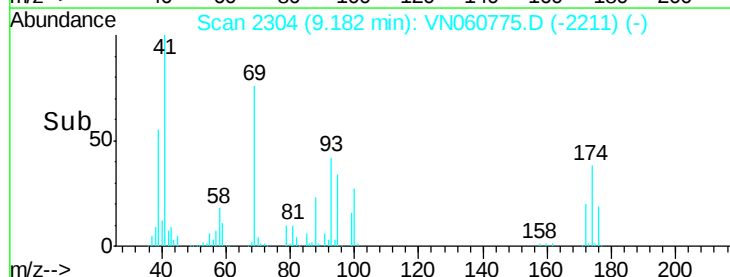
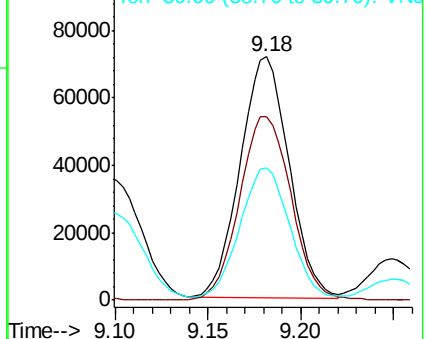
41 100

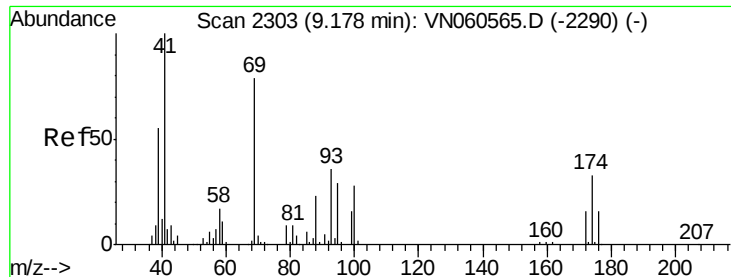
69 80.7 65.4 98.0

39 54.2 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

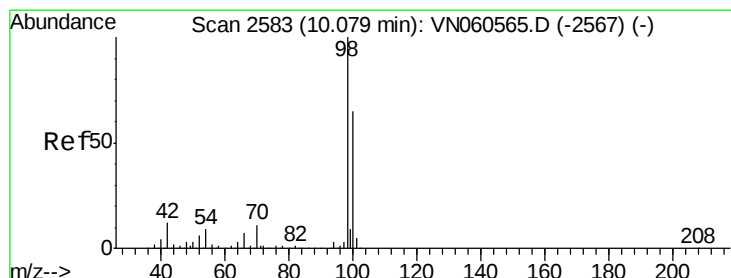
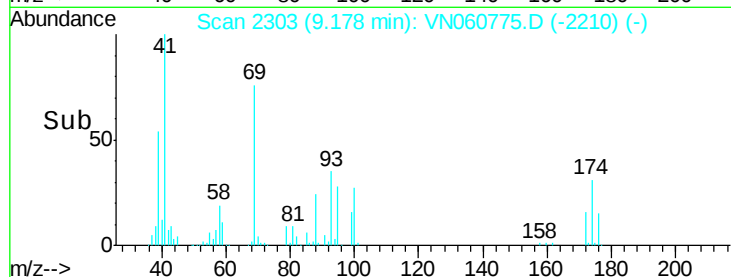
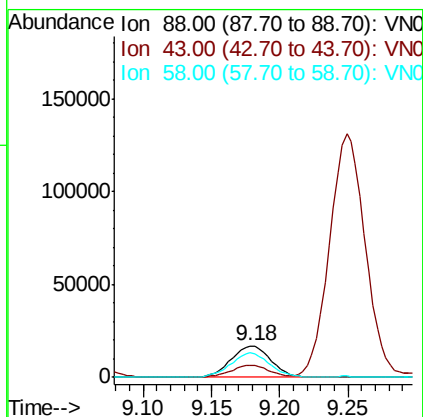
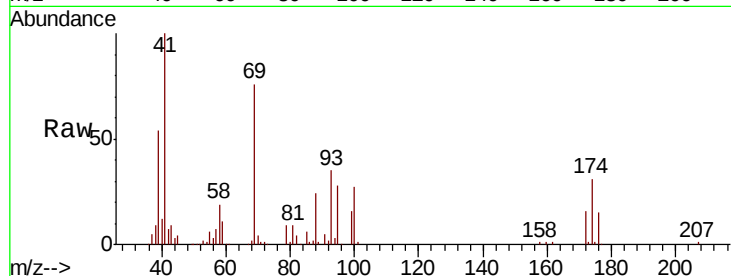




#49
 1,4-Dioxane
 Concen: 1153.210 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

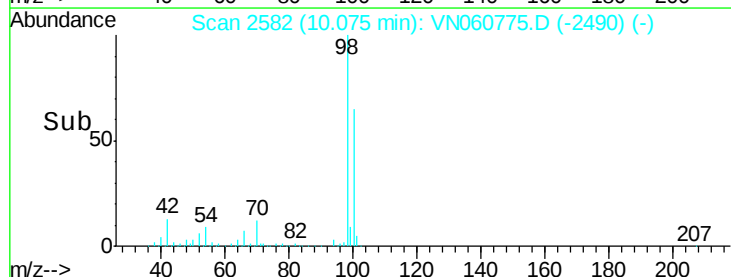
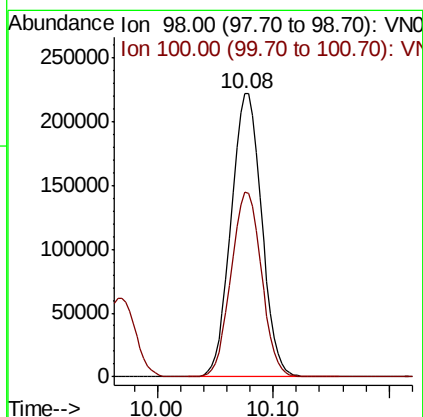
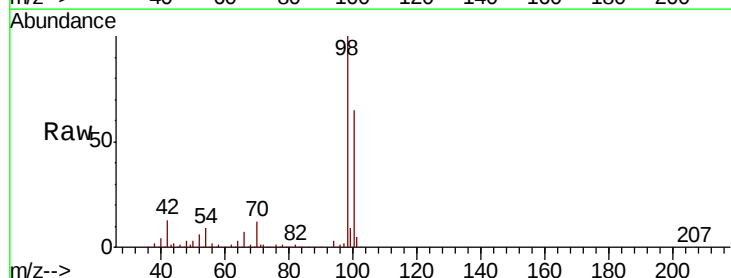
Instrument :
 MSVOA_N
 ClientSampleId :

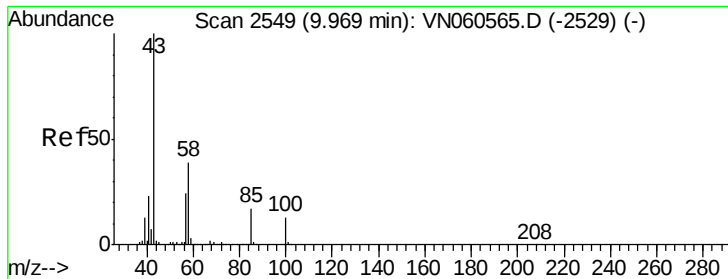
Tot Ion: 88 Resp: 34849
 Ion Ratio Lower Upper
 88 100
 43 36.8 30.8 46.2
 58 74.7 59.8 89.8



#50
 Toluene-d8
 Concen: 49.466 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion: 98 Resp: 404310
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 267.019 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

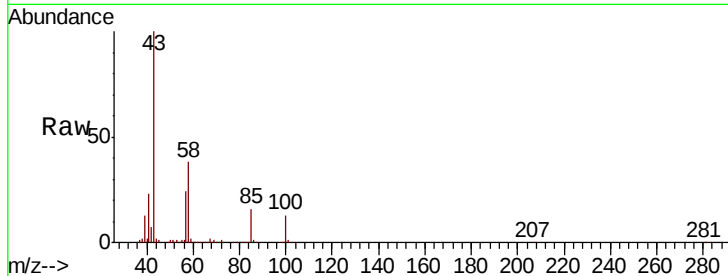
ClientSampleId :

Tot Ion: 43 Resp: 867651

Ion Ratio Lower Upper

43 100

58 38.0 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060775.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060775.D (-2456) (-)

9.97

500000

400000

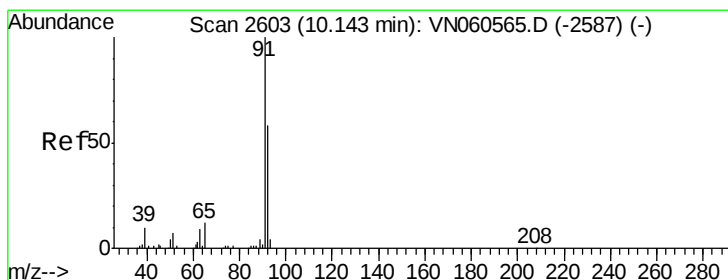
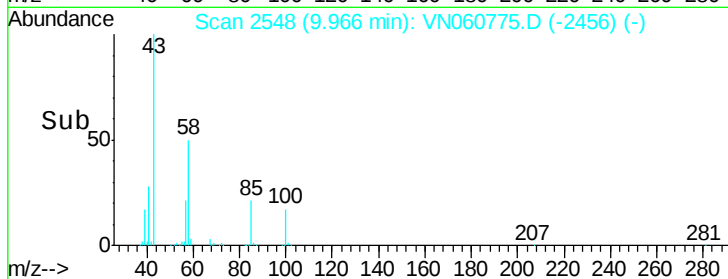
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.100 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060775.D

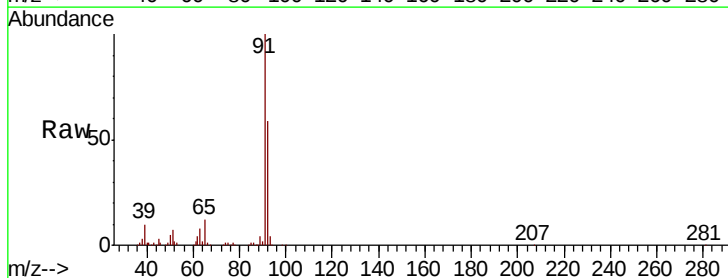
Acq: 30 Mar 2020 16:57

Tgt Ion: 92 Resp: 286845

Ion Ratio Lower Upper

92 100

91 172.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060775.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN060775.D (-2510) (-)

10.14

300000

250000

200000

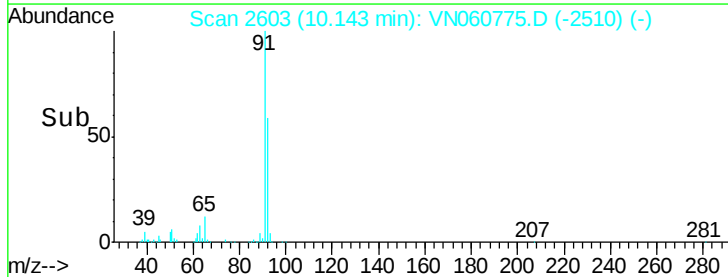
150000

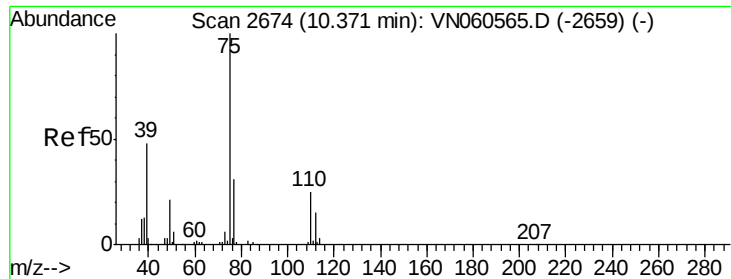
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.494 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

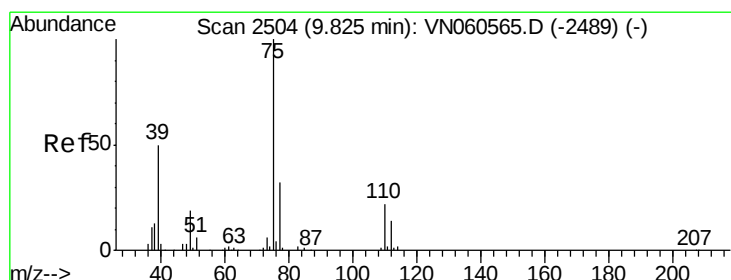
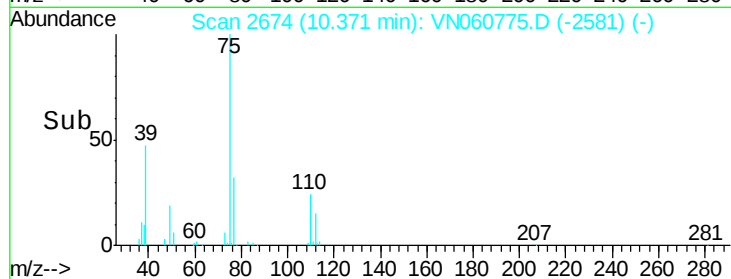
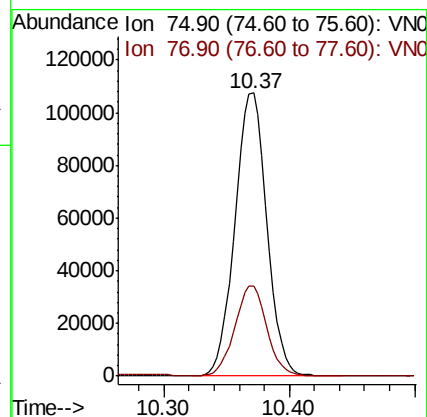
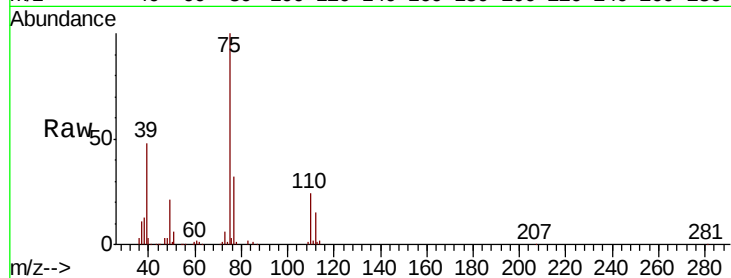
ClientSampled :

Tot Ion: 75 Resp: 189673

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 49.918 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

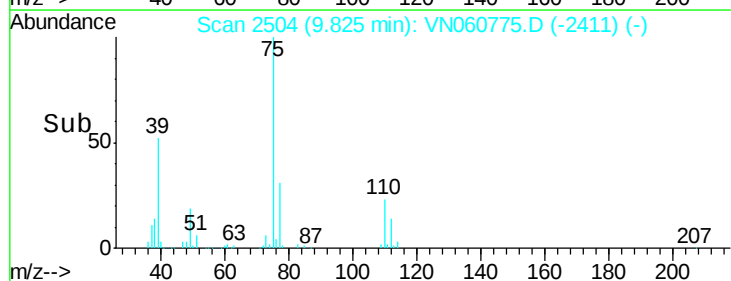
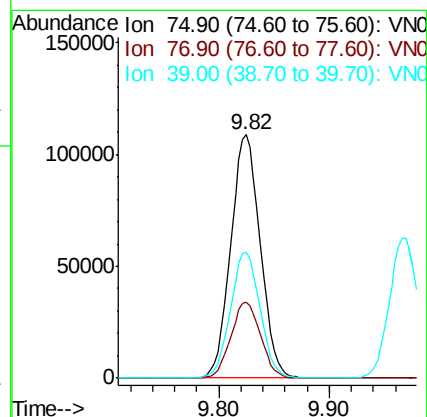
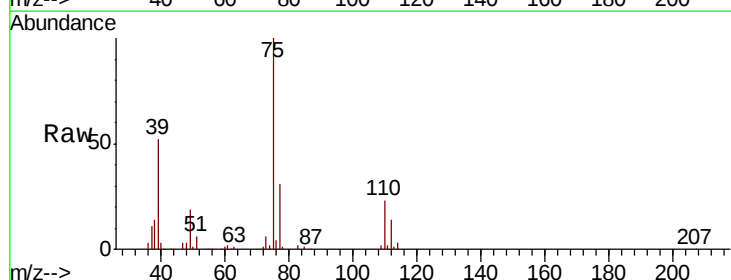
Tgt Ion: 75 Resp: 201713

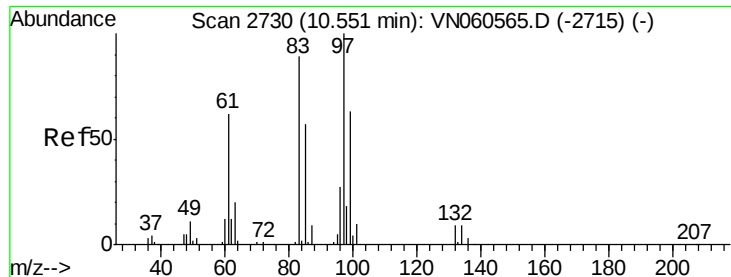
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 51.6 40.2 60.4

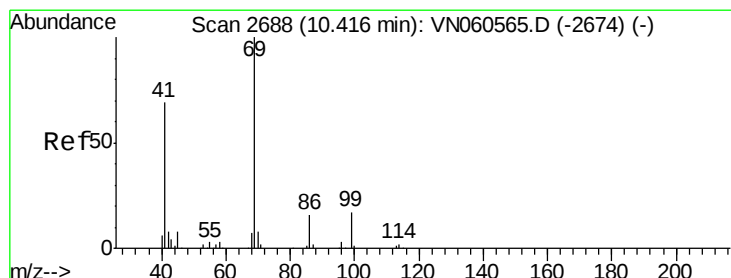
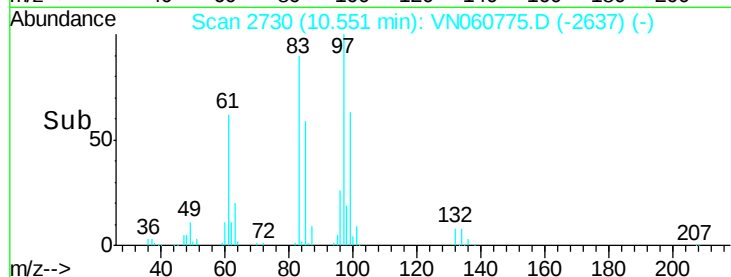
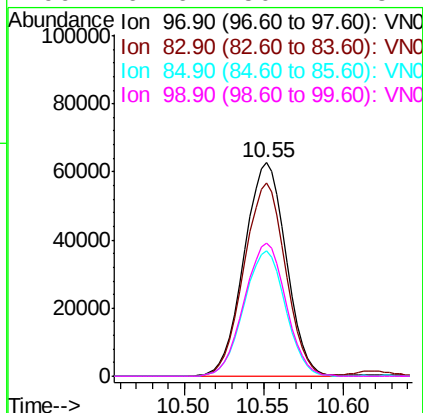
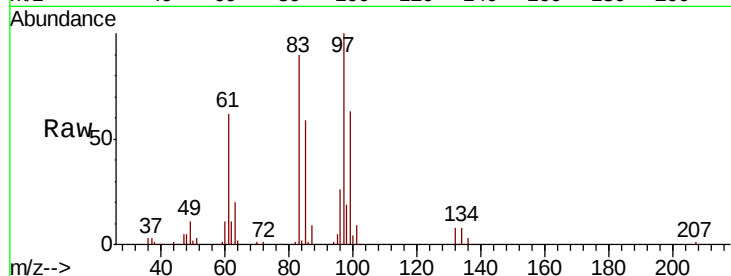




#55
 1,1,2-Trichloroethane
 Concen: 50.086 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

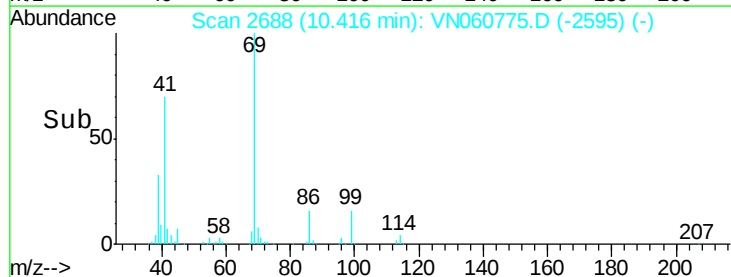
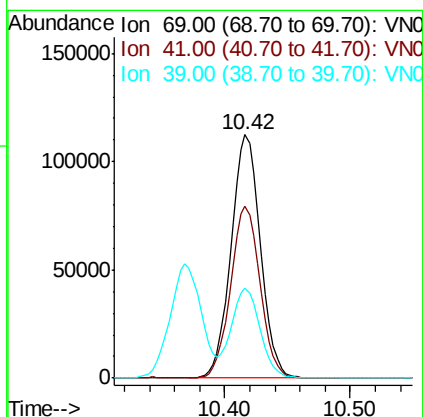
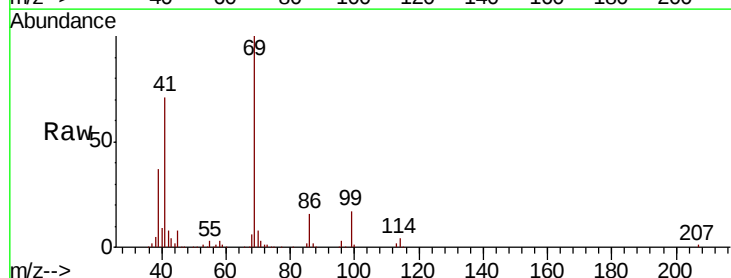
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	112569
Ion	Ratio	Lower	Upper
97	100		
83	90.4	71.3	106.9
85	58.5	45.2	67.8
99	62.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 52.113 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion:	69	Resp:	182627
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.4	83.2
39	36.5	29.4	44.0





#57

1,3-Dichloropropane

Concen: 50.624 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

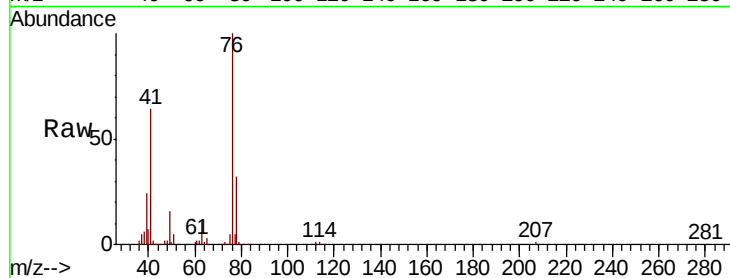
ClientSampleId :

Tot Ion: 76 Resp: 197443

Ion Ratio Lower Upper

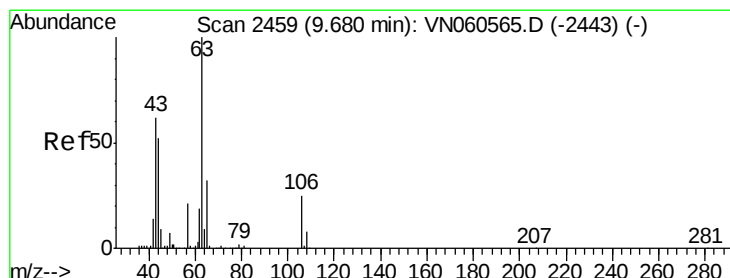
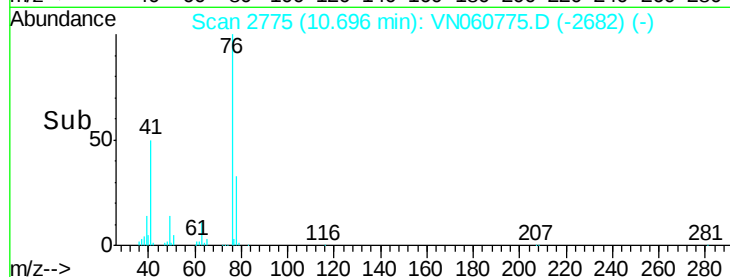
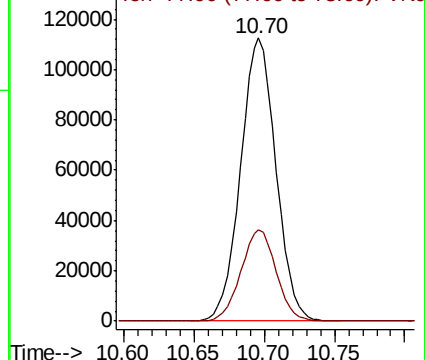
76 100

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: 247.868 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060775.D

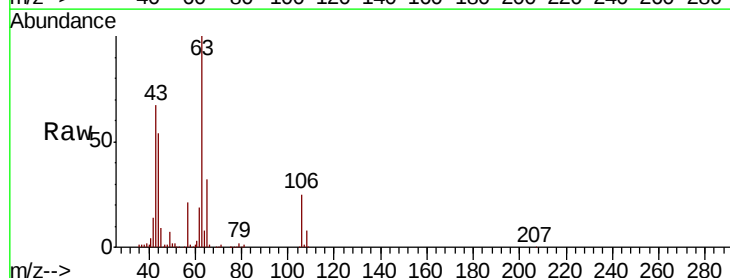
Acq: 30 Mar 2020 16:57

Tgt Ion: 63 Resp: 431722

Ion Ratio Lower Upper

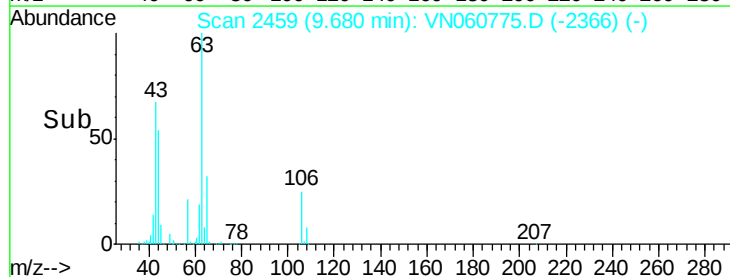
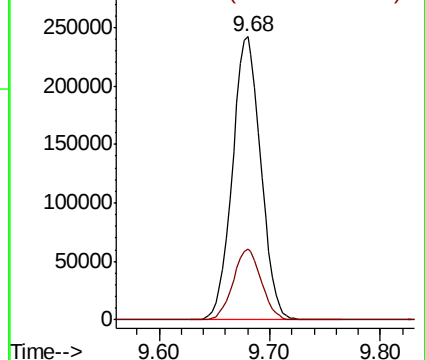
63 100

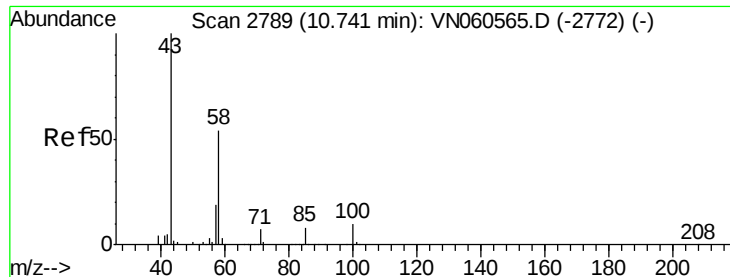
106 24.7 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

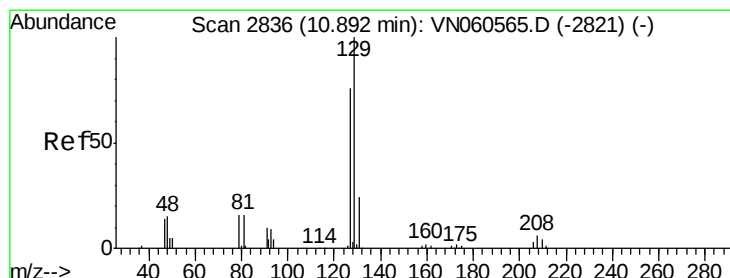
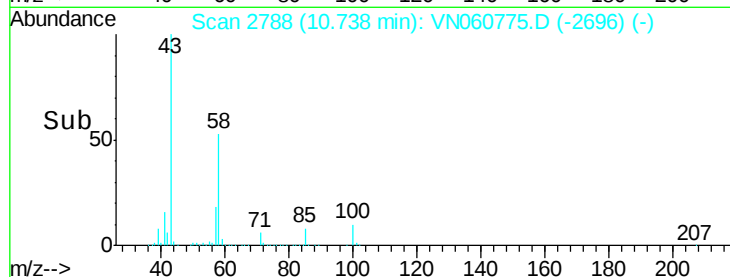
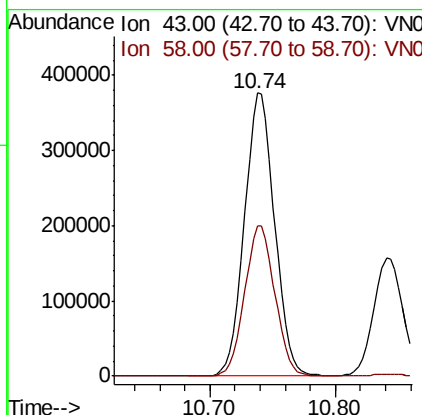
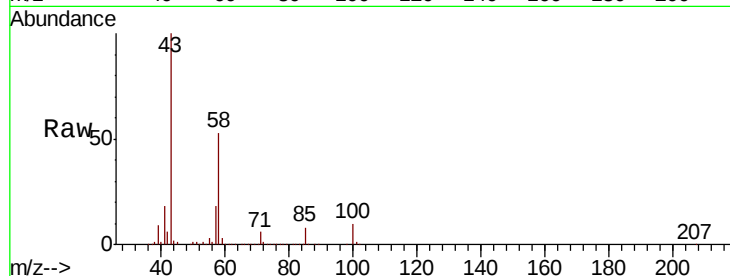




#59
2-Hexanone
Concen: 268.744 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

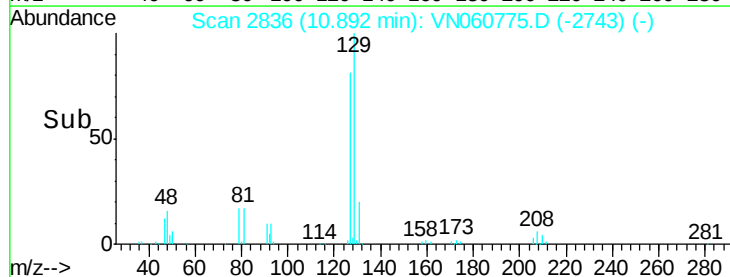
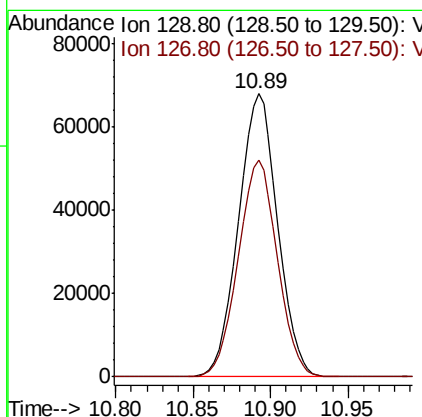
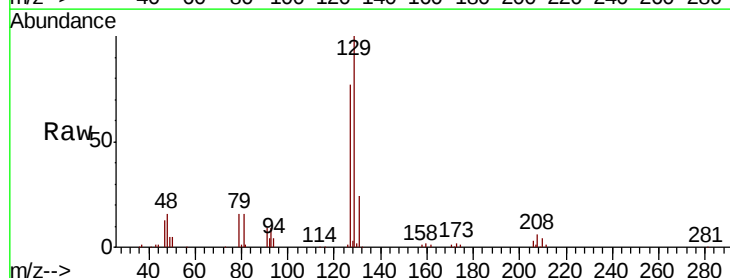
Instrument :
MSVOA_N
ClientSampled :

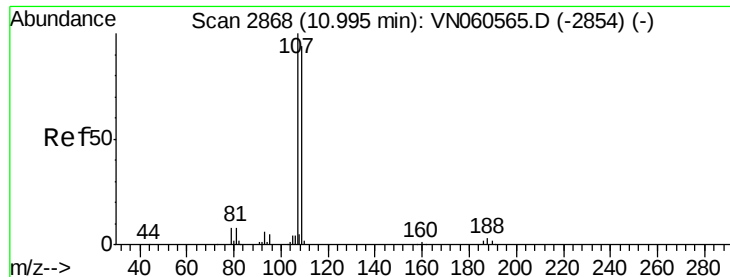
Tot Ion: 43 Resp: 629051
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.1



#60
Dibromochloromethane
Concen: 51.575 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion: 129 Resp: 119735
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

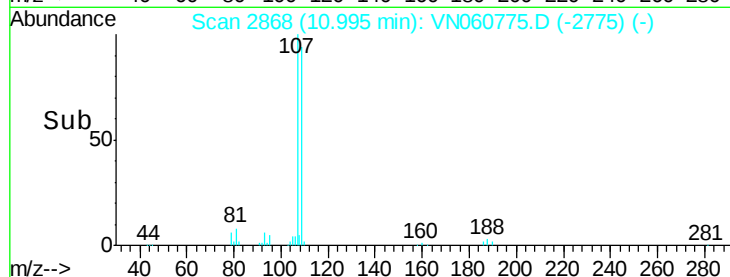
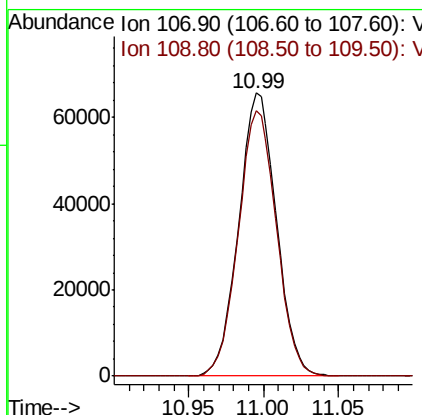
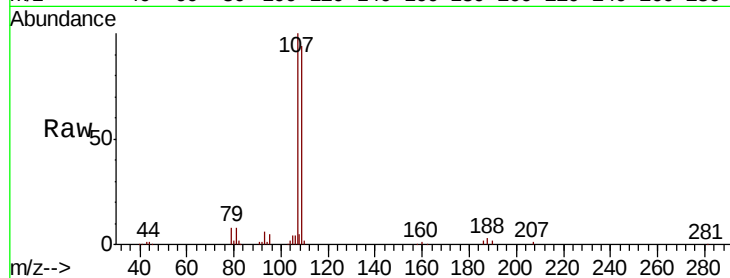




#61
 1,2-Dibromoethane
 Concen: 50.822 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

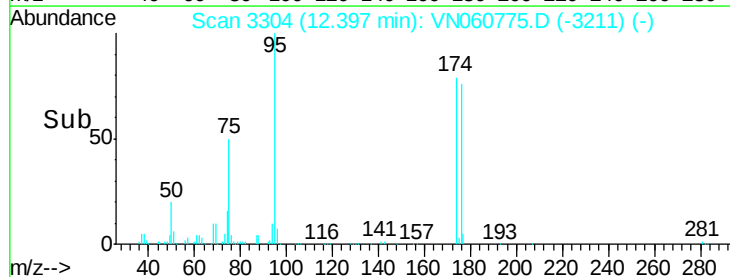
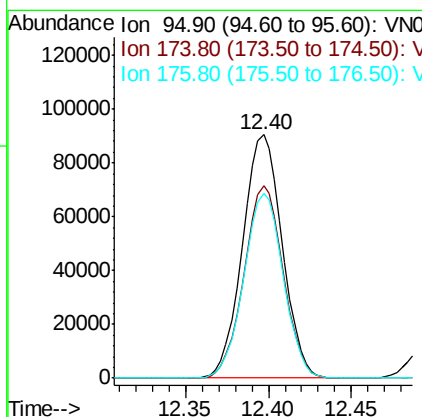
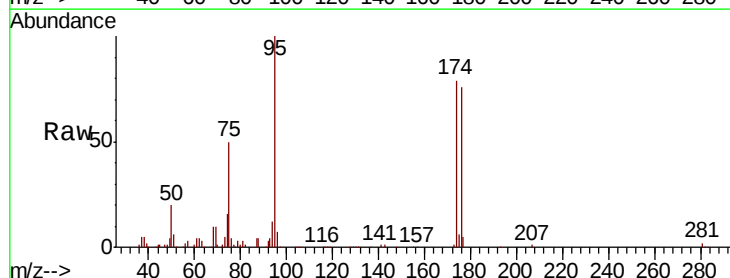
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 114859
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.172 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion: 95 Resp: 150287
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 157.6
 176 75.4 0.0 150.6

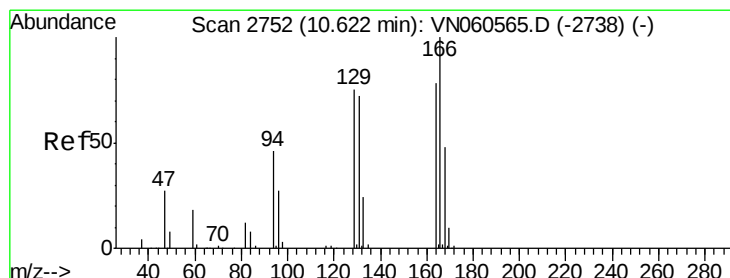
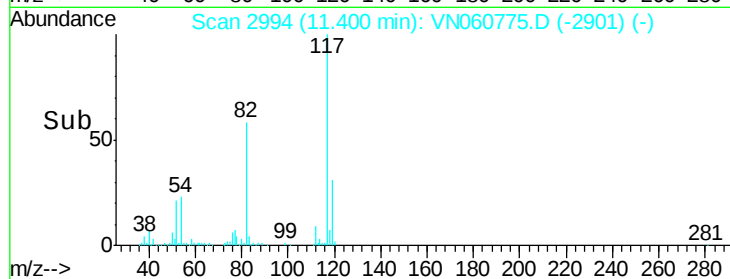
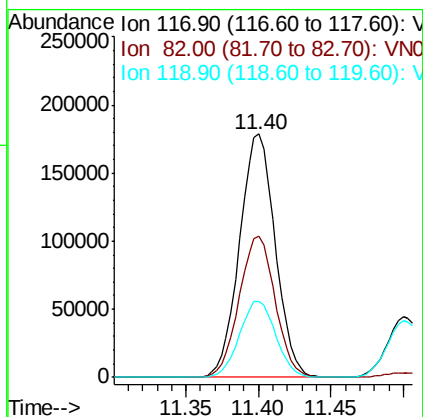
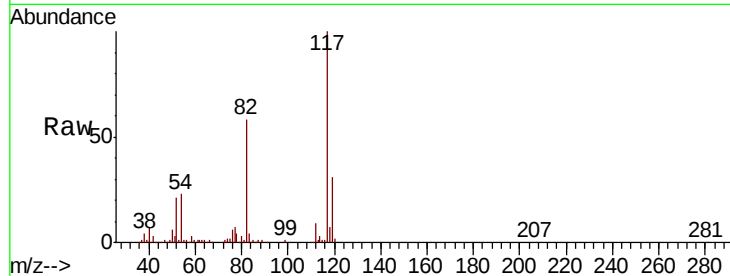




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

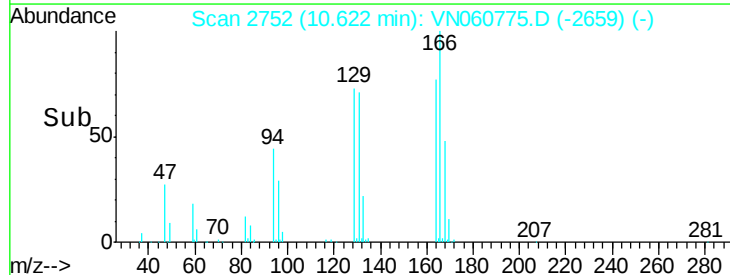
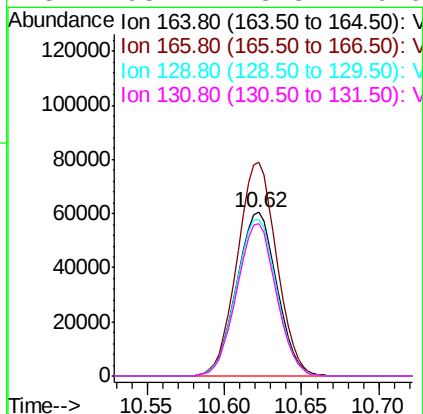
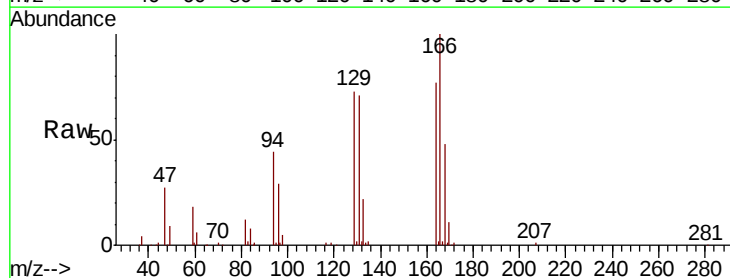
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 305968
Ion Ratio Lower Upper
117 100
82 57.7 46.7 70.1
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 45.342 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion:164 Resp: 109170
Ion Ratio Lower Upper
164 100
166 130.5 102.7 154.1
129 95.8 77.2 115.8
131 93.2 73.8 110.6

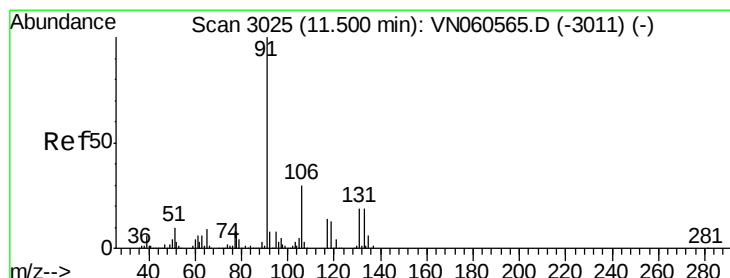
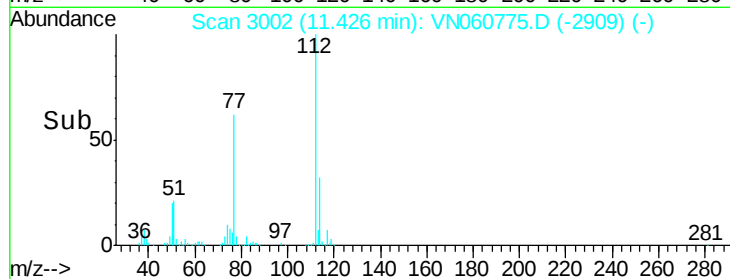
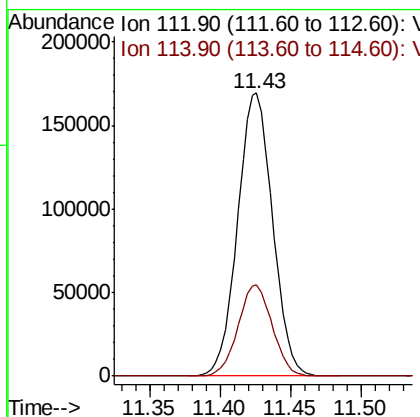
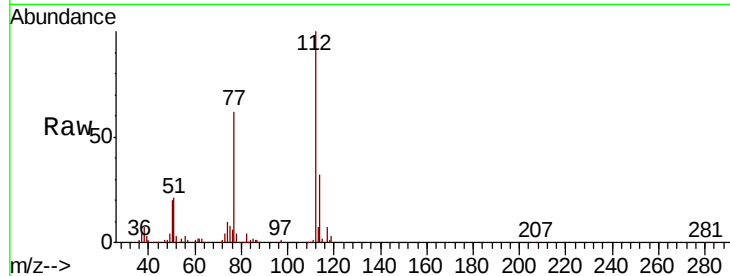




#65
Chlorobenzene
Concen: 48.433 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

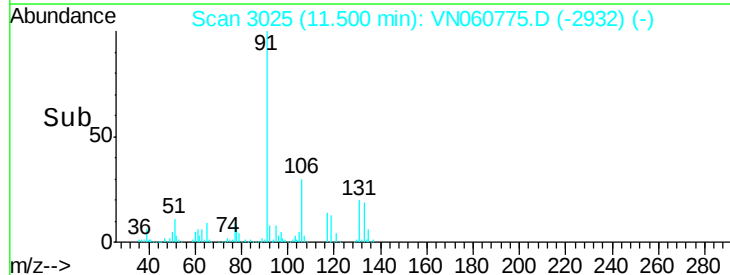
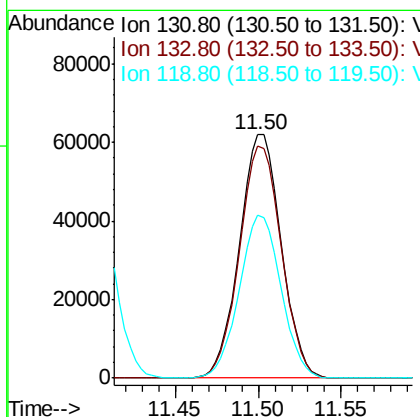
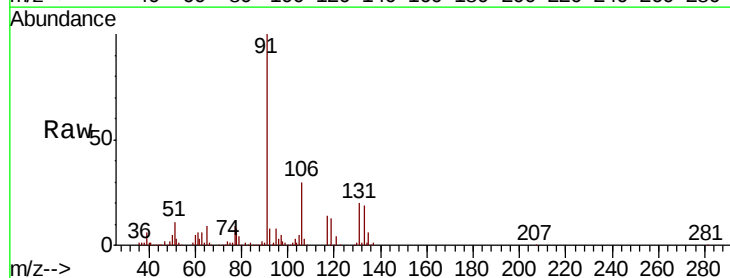
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 293772
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.498 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion:131 Resp: 108703
Ion Ratio Lower Upper
131 100
133 95.6 48.9 146.8
119 66.7 33.9 101.7





#67

Ethyl Benzene

Concen: 48.903 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

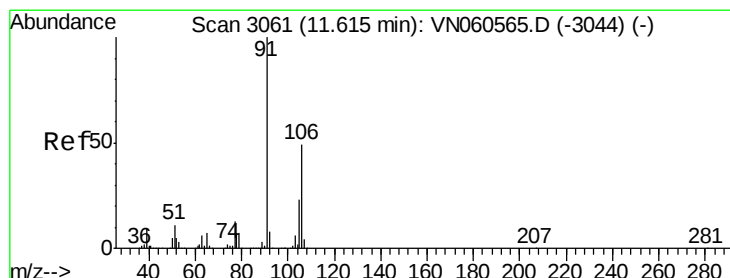
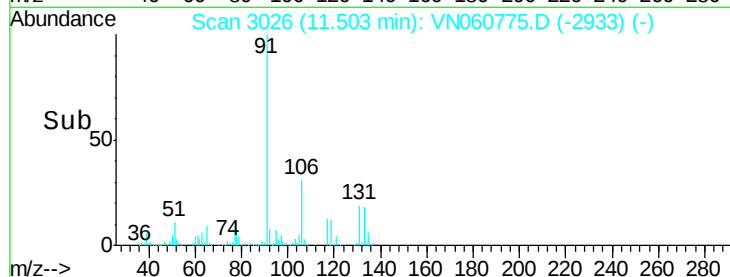
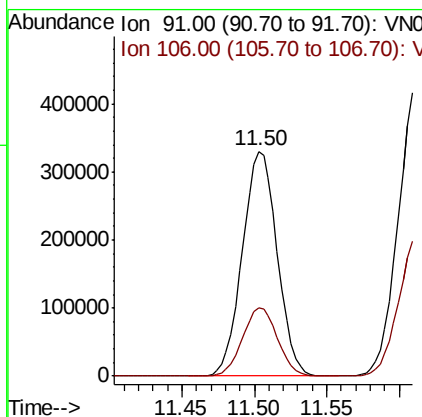
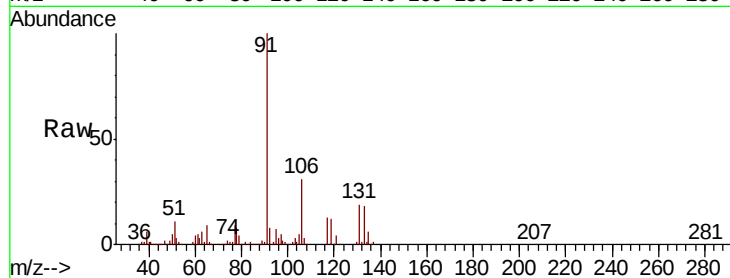
ClientSampled :

Tot Ion: 91 Resp: 551616

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.2



#68

m/p-Xylenes

Concen: 96.900 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060775.D

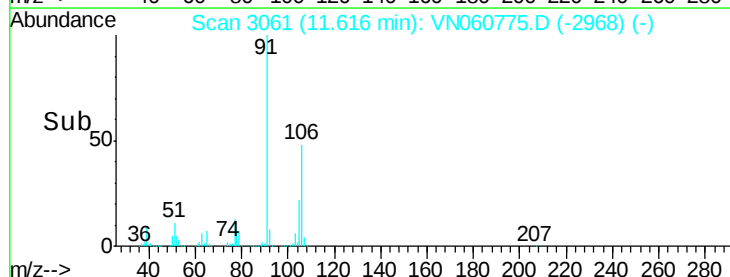
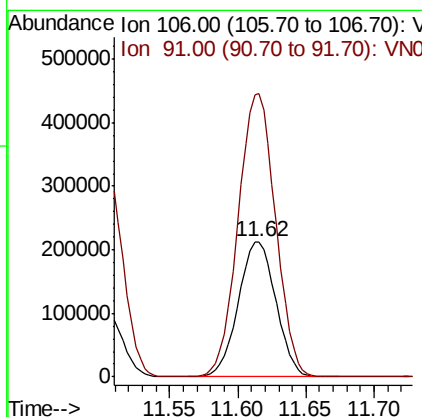
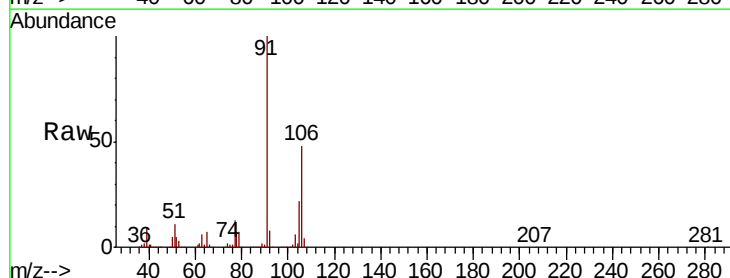
Acq: 30 Mar 2020 16:57

Tgt Ion: 106 Resp: 406169

Ion Ratio Lower Upper

106 100

91 208.6 165.0 247.4

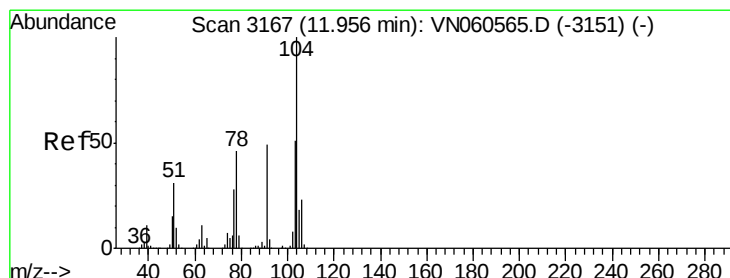
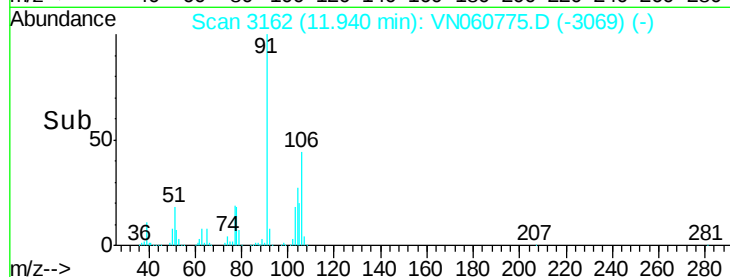
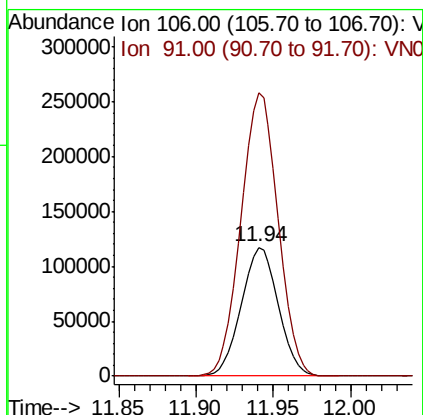
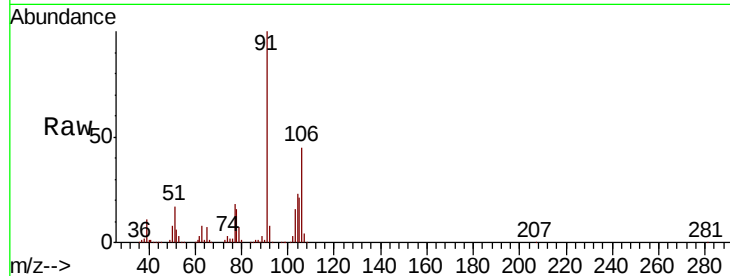




#69
o-Xylene
Concen: 48.826 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

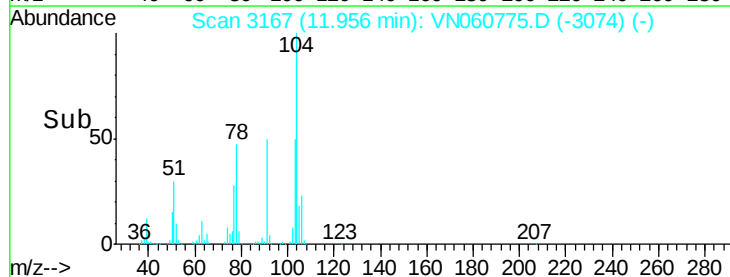
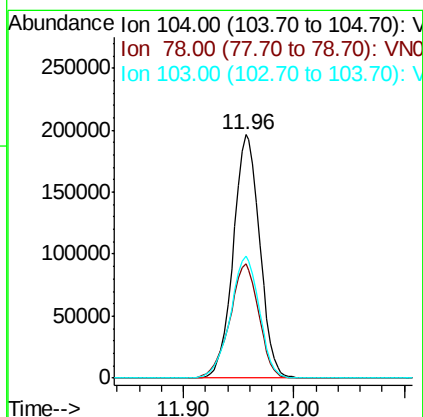
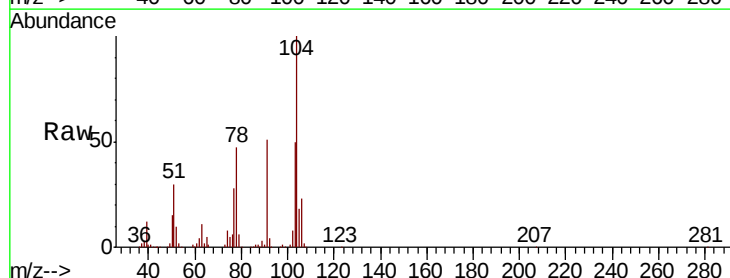
Instrument :
MSVOA_N
ClientSampled :

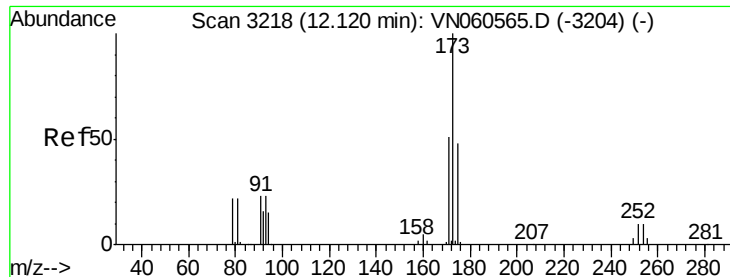
Tot Ion:106 Resp: 195371
Ion Ratio Lower Upper
106 100
91 220.7 109.5 328.4



#70
Styrene
Concen: 49.908 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion:104 Resp: 326614
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 54.7 44.0 66.0

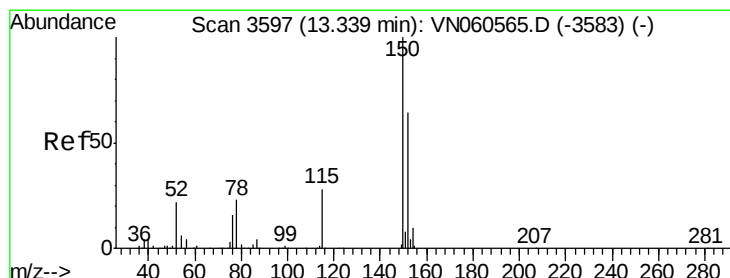
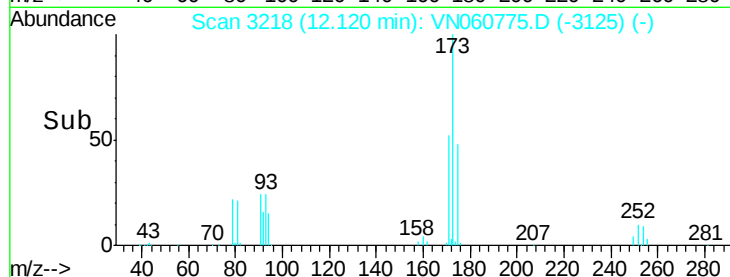
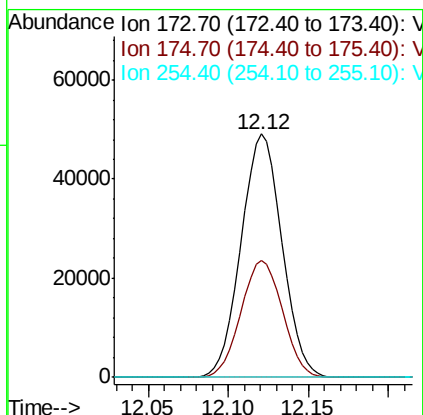
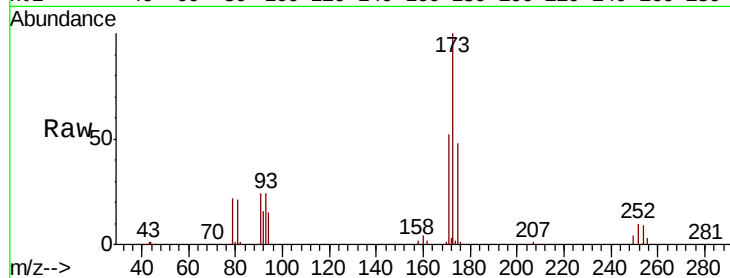




#71
Bromoform
Concen: 47.087 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

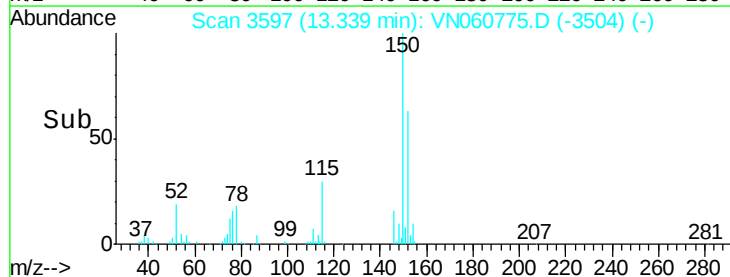
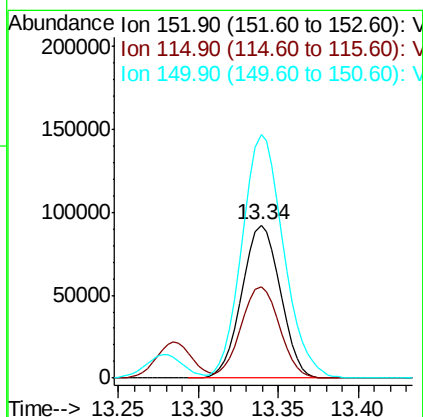
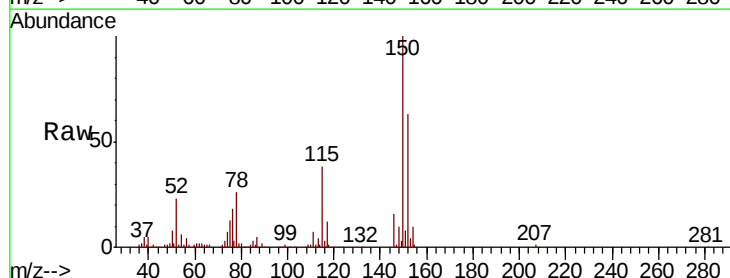
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 85761
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion:152 Resp: 151417
Ion Ratio Lower Upper
152 100
115 59.6 30.2 90.6
150 172.0 0.0 350.2





#73

Isopropylbenzene

Concen: 46.438 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

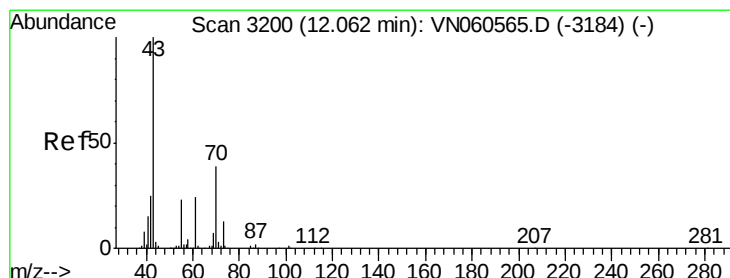
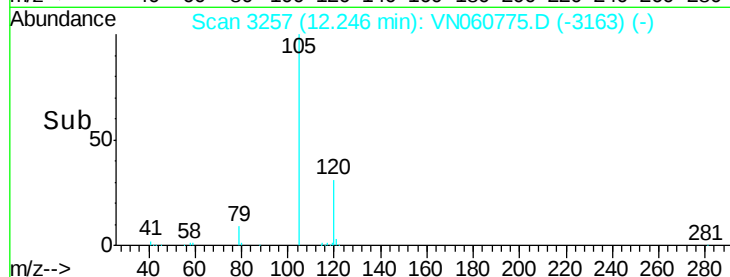
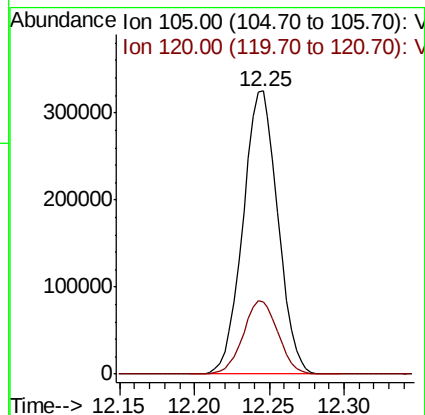
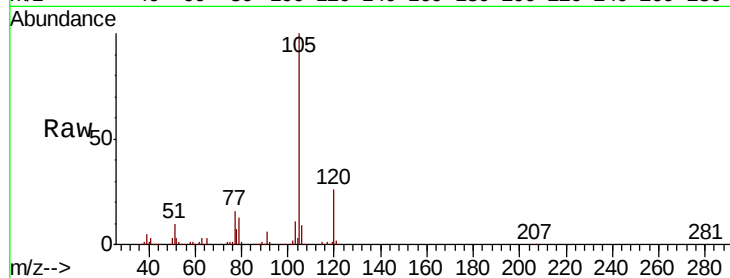
ClientSampleId :

Tot Ion:105 Resp: 527691

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 48.033 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Tgt Ion: 43 Resp: 252213

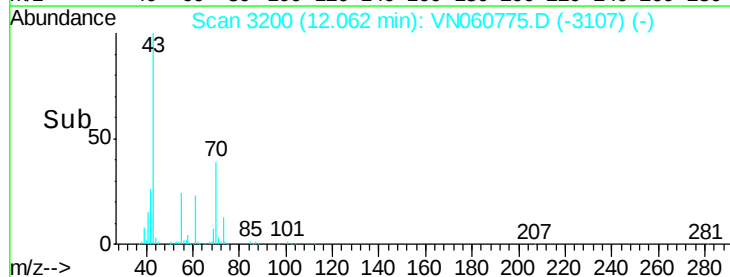
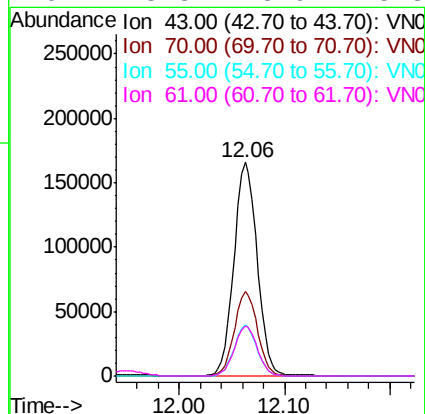
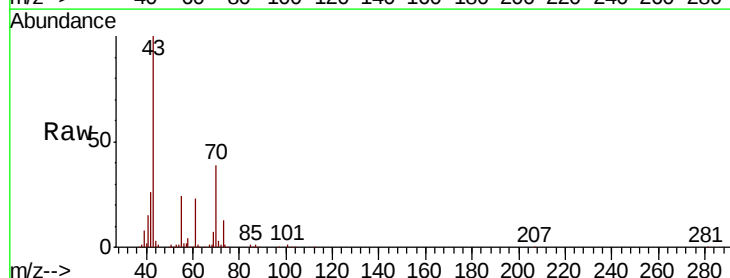
Ion Ratio Lower Upper

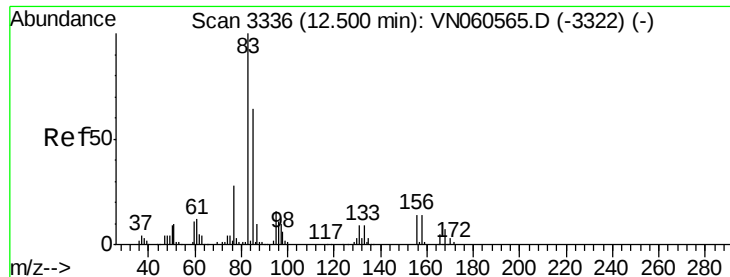
43 100

70 39.3 31.1 46.7

55 23.5 18.6 27.8

61 23.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.174 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

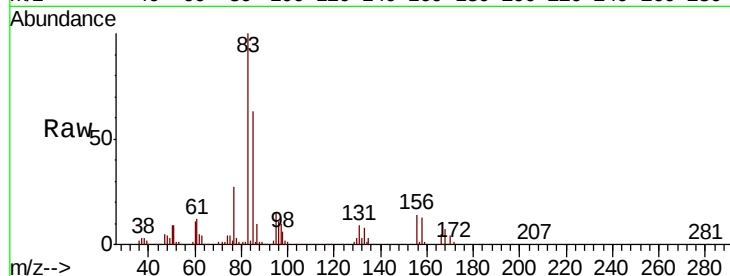
Tot Ion: 83 Resp: 168977

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

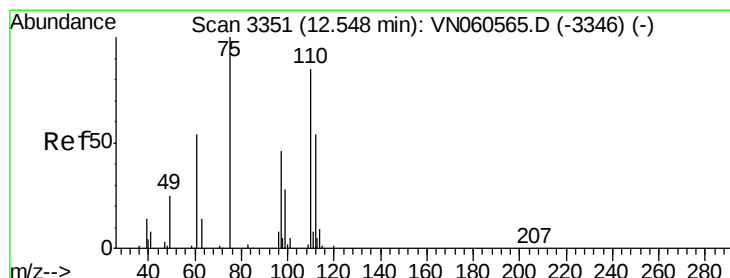
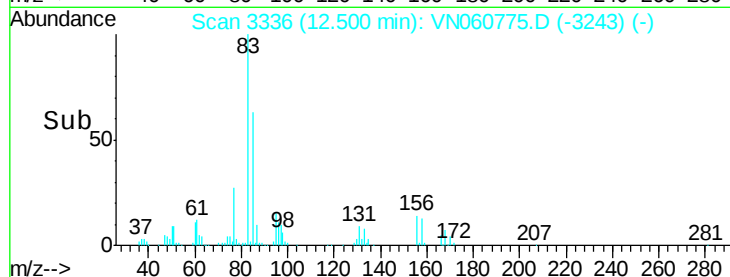
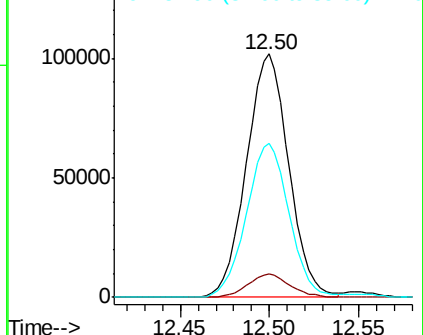
85 63.6 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060775.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060775.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060775.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 69.112 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060775.D

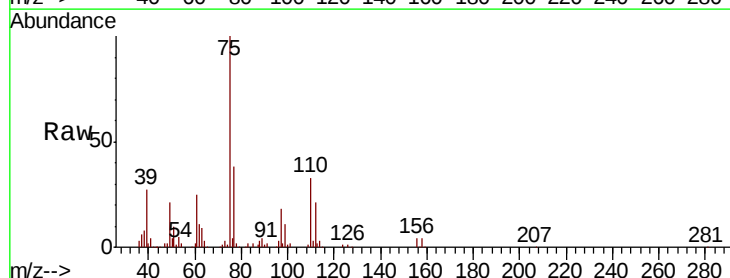
Acq: 30 Mar 2020 16:57

Tgt Ion: 75 Resp: 225808

Ion Ratio Lower Upper

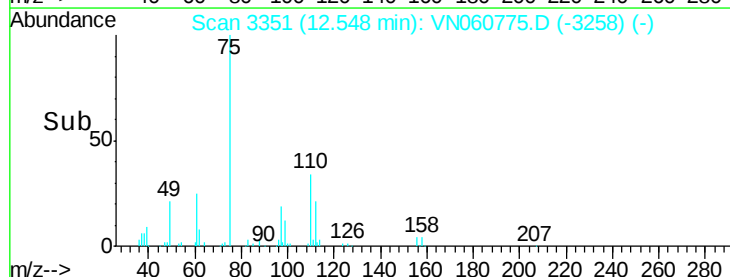
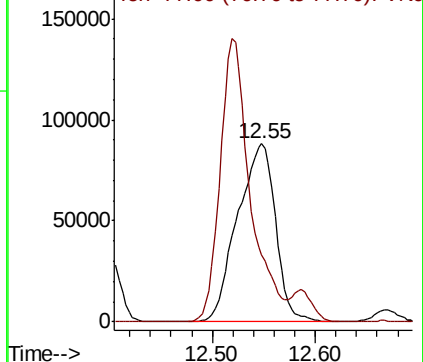
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060775.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060775.D (-3258) (-)





#77

Bromobenzene

Concen: 46.097 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampled :

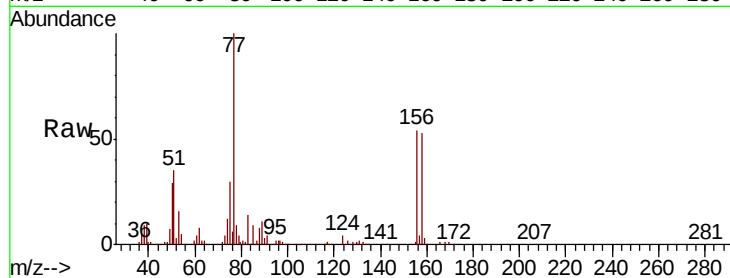
Tot Ion:156 Resp: 126219

Ion Ratio Lower Upper

156 100

77 225.0 112.3 337.0

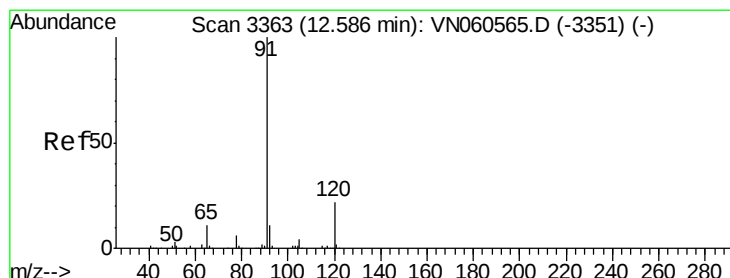
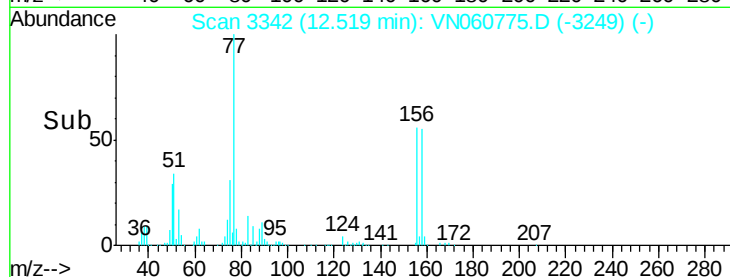
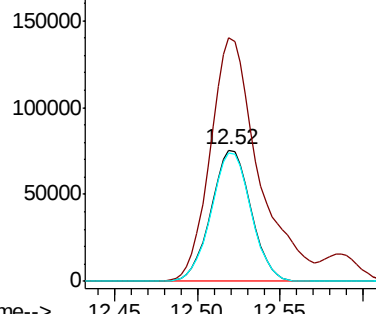
158 97.7 48.6 145.8



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: 46.850 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060775.D

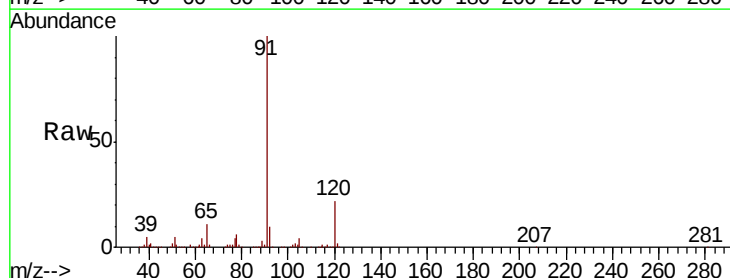
Acq: 30 Mar 2020 16:57

Tgt Ion: 91 Resp: 628957

Ion Ratio Lower Upper

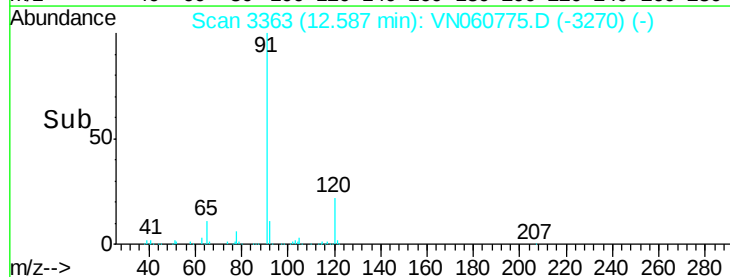
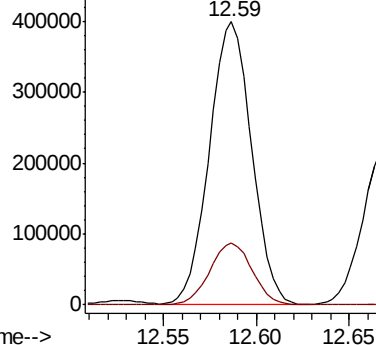
91 100

120 22.1 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: 45.653 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

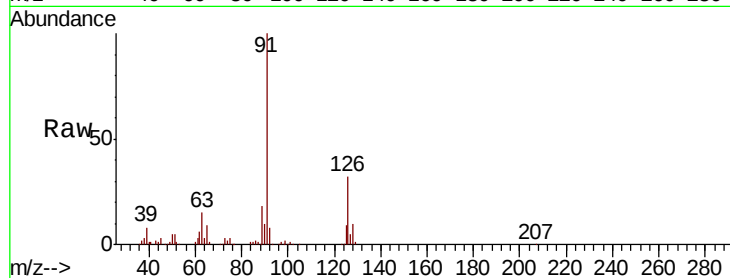
ClientSampled :

Tot Ion: 91 Resp: 366201

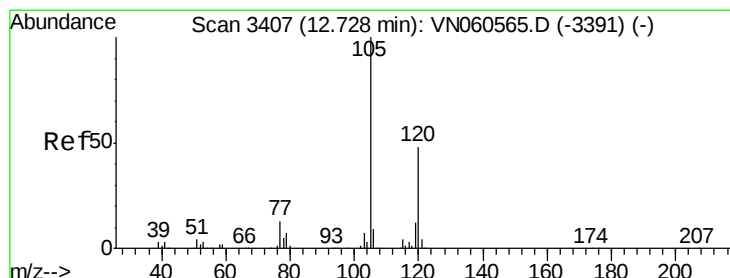
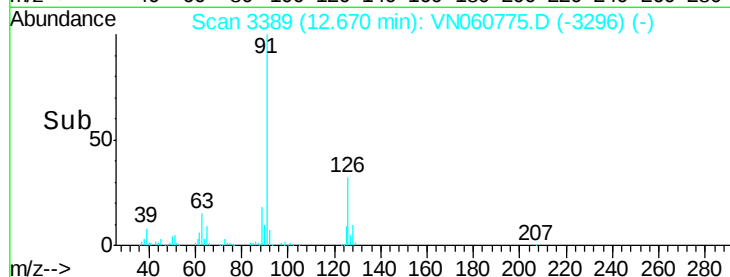
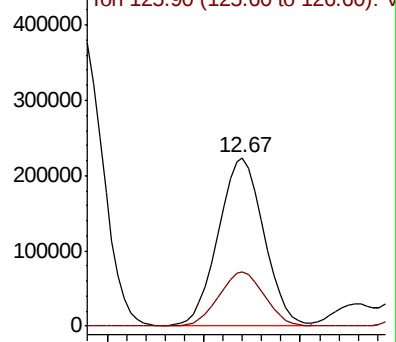
Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060775.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.432 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060775.D

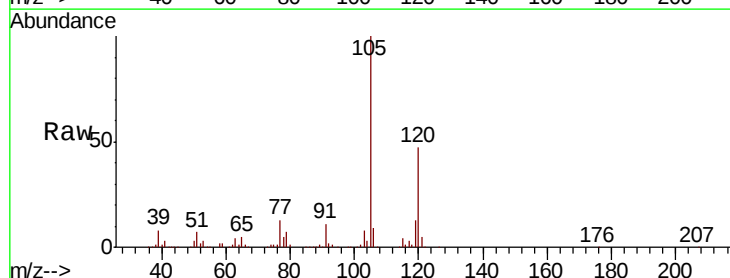
Acq: 30 Mar 2020 16:57

Tgt Ion: 105 Resp: 447747

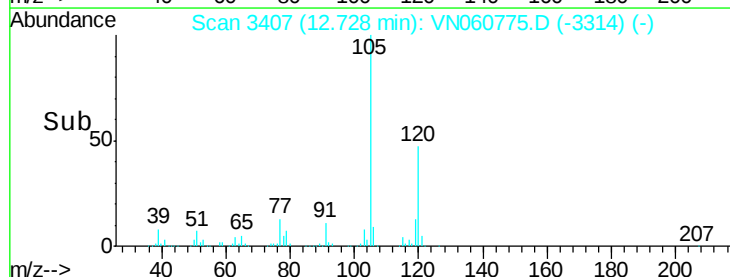
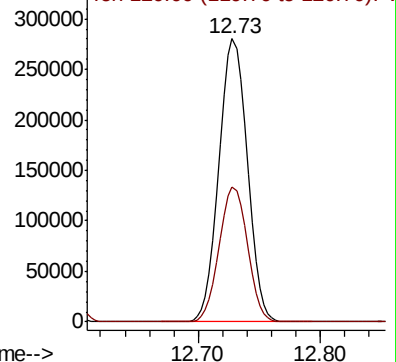
Ion Ratio Lower Upper

105 100

120 47.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060775.D (-3314) (-)

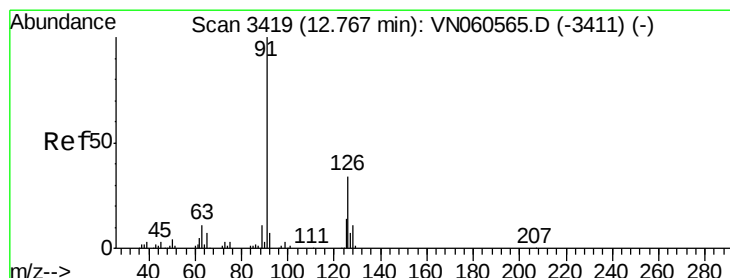
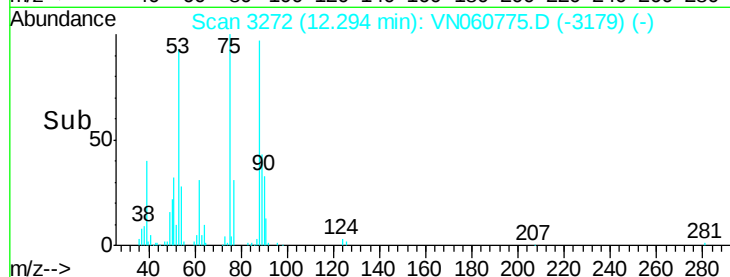
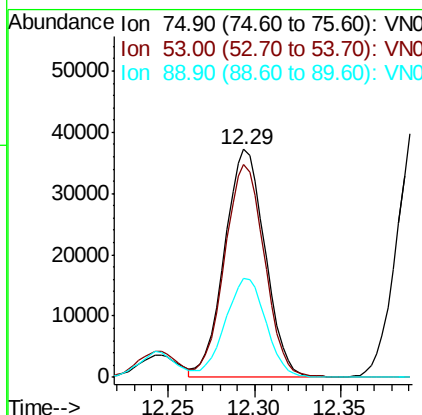
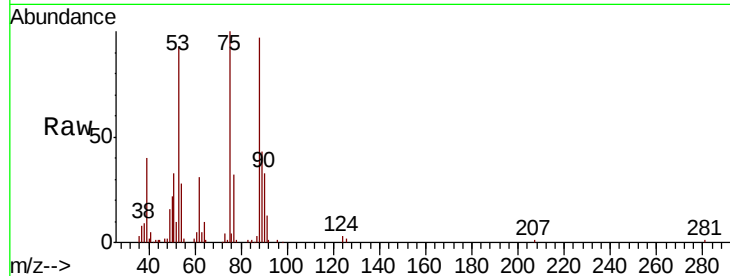




#81
trans-1,4-Dichloro-2-butene
Concen: 48.013 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

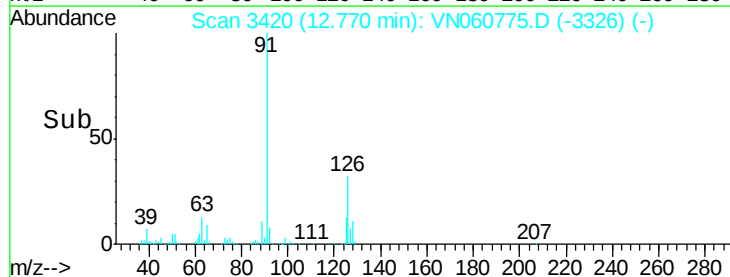
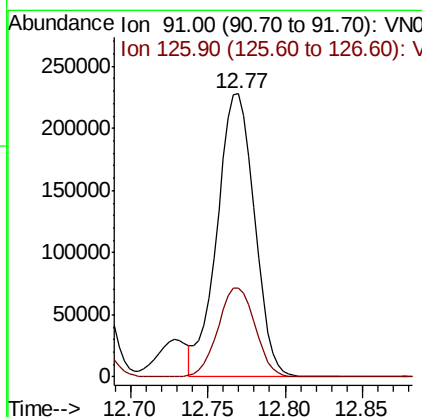
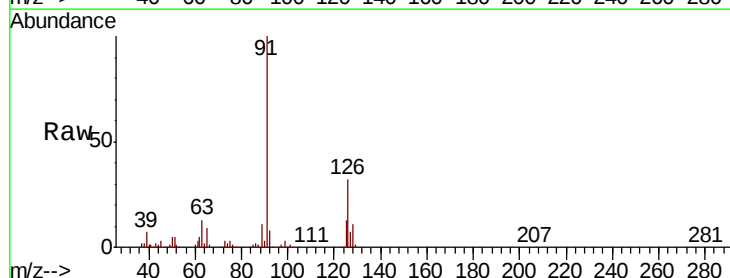
Instrument :
MSVOA_N
ClientSampleId :

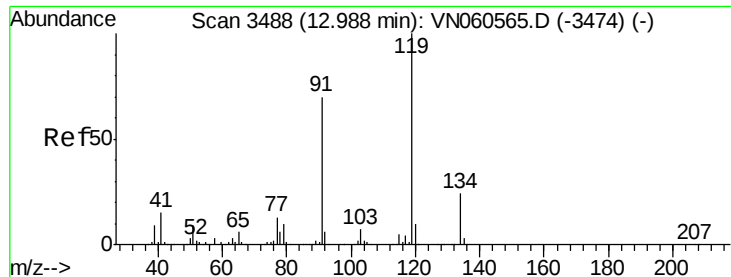
Tot Ion: 75 Resp: 61080
Ion Ratio Lower Upper
75 100
53 92.3 73.0 109.4
89 43.6 34.8 52.2



#82
4-Chlorotoluene
Concen: 46.832 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion: 91 Resp: 382603
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.5

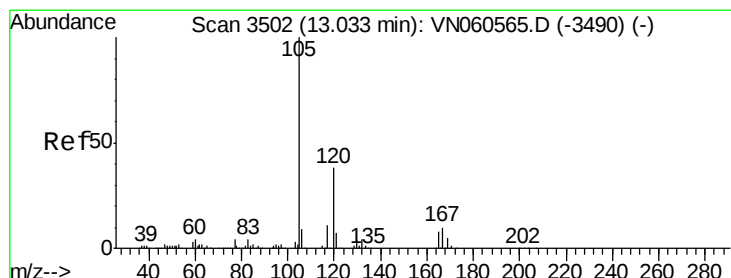
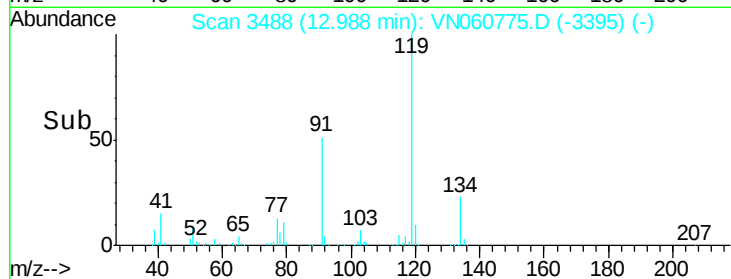
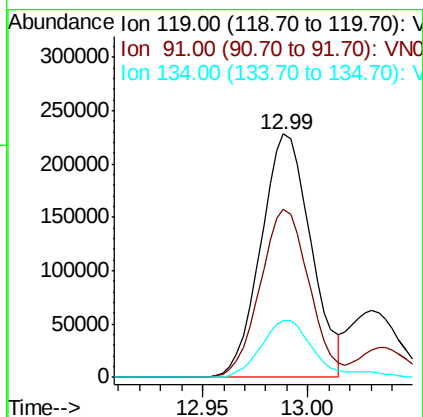
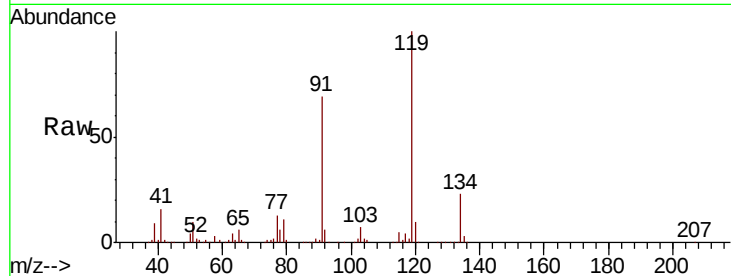




#83
 tert-Butylbenzene
 Concen: 47.171 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

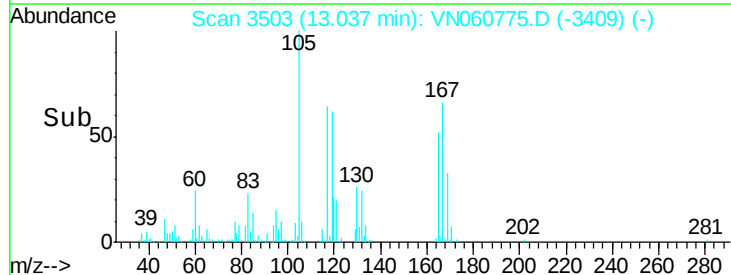
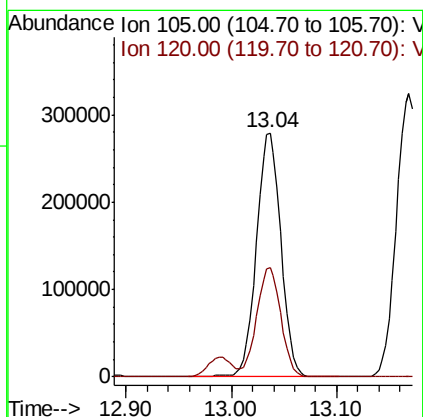
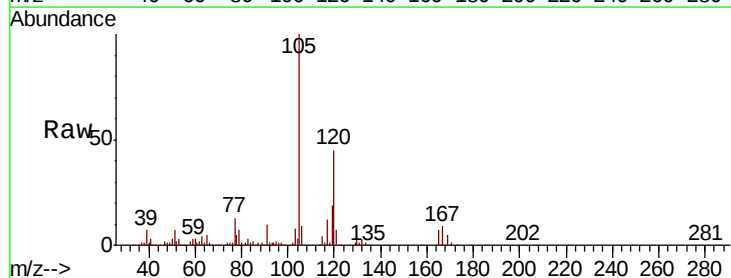
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 377076
 Ion Ratio Lower Upper
 119 100
 91 67.6 34.0 101.8
 134 25.2 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 47.351 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion:105 Resp: 451731
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 47.989 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

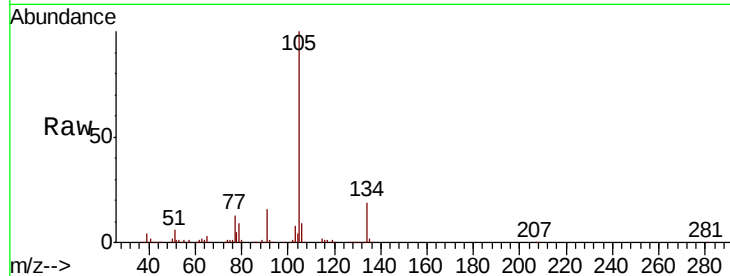
ClientSampled :

Tot Ion:105 Resp: 515858

Ion Ratio Lower Upper

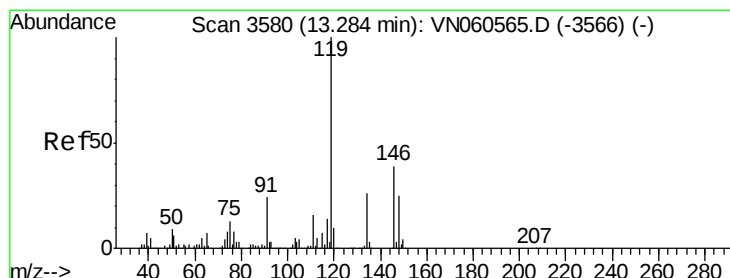
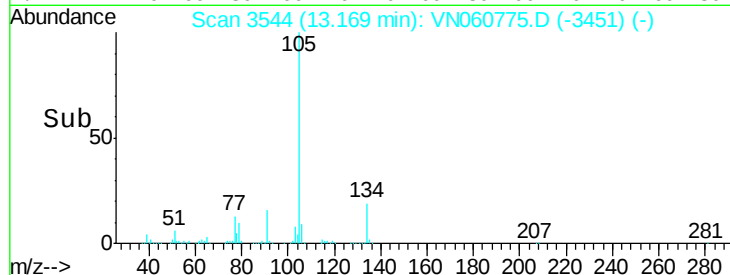
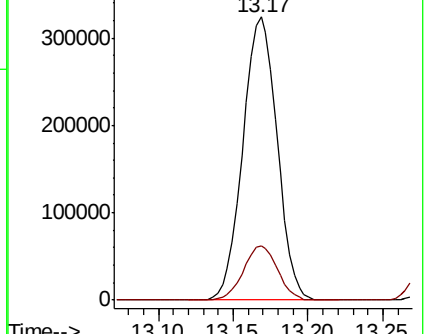
105 100

134 19.1 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: 47.863 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

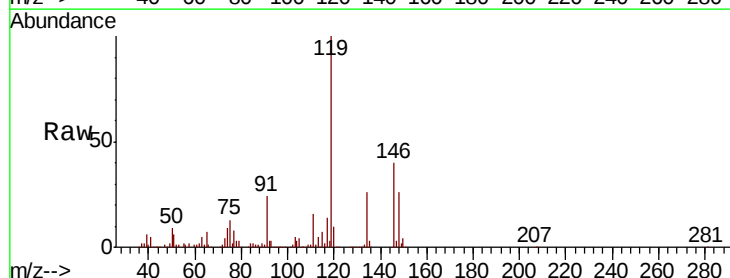
Tgt Ion:119 Resp: 462655

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

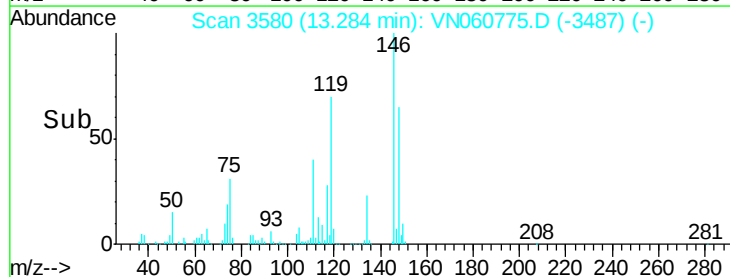
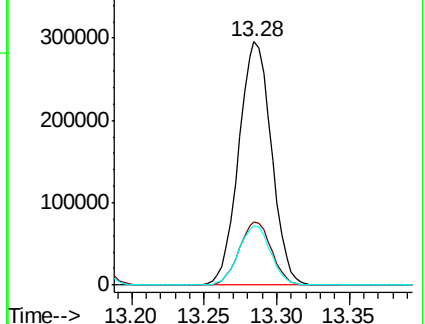
91 24.2 12.0 36.0



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

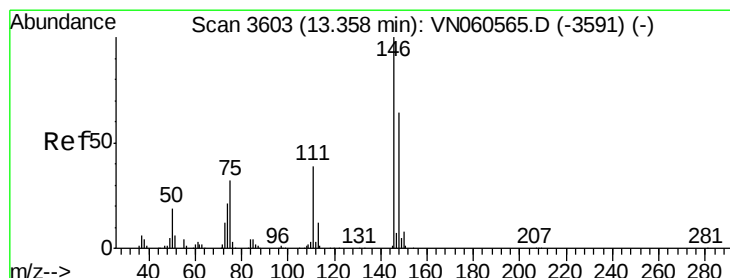
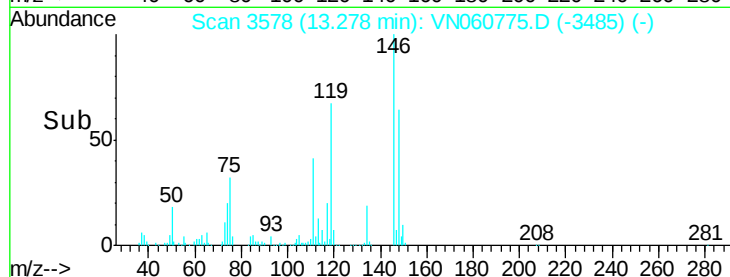
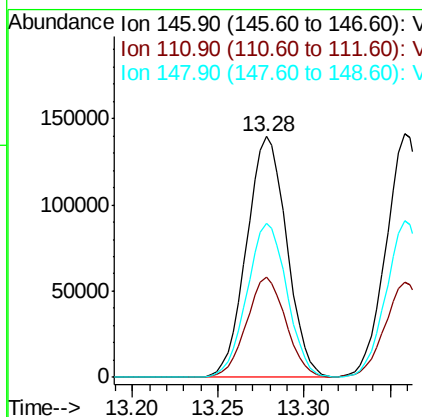
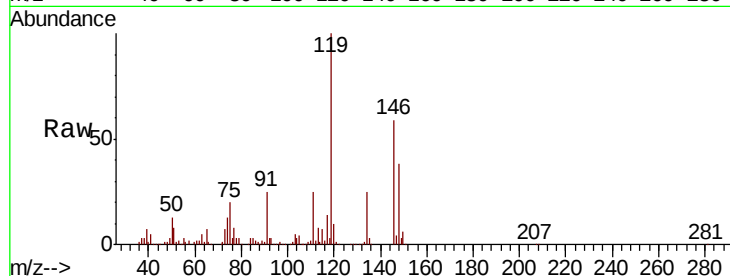




#87
 1,3-Dichlorobenzene
 Concen: 46.846 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

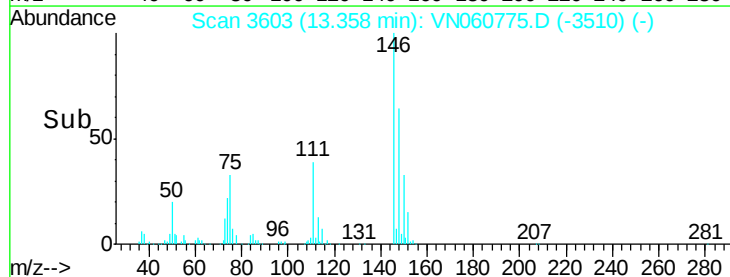
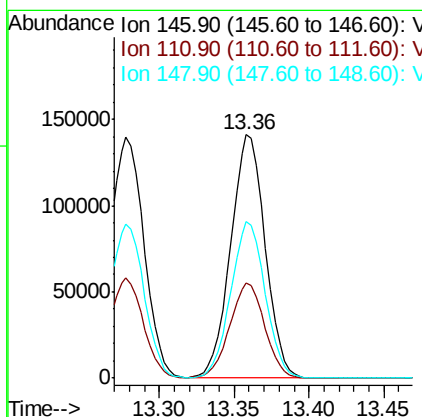
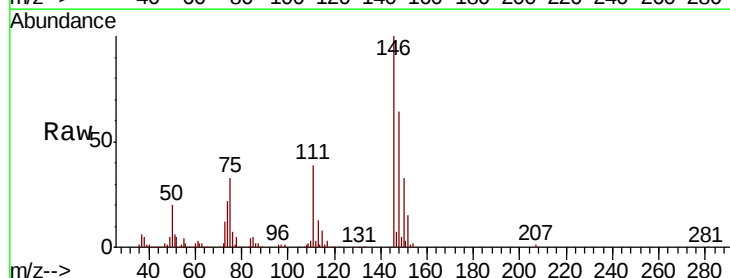
Instrument :
 MSVOA_N
 ClientSampled :

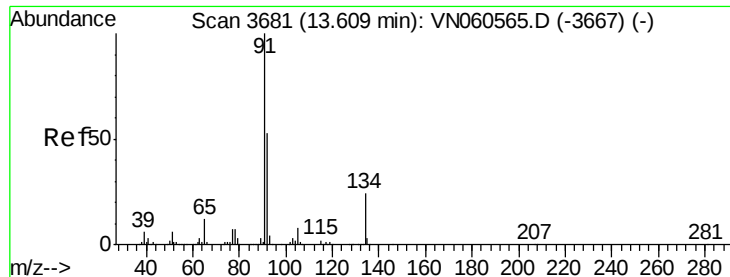
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.8
148	63.8	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 46.606 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.3	32.1	96.3

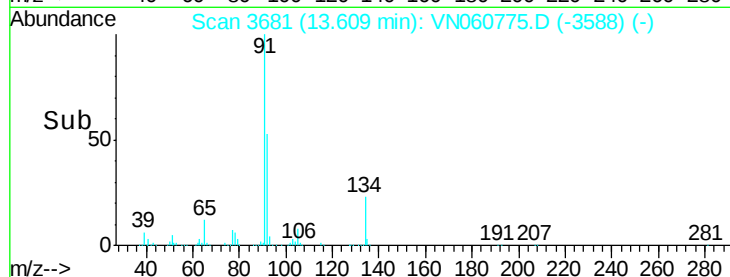
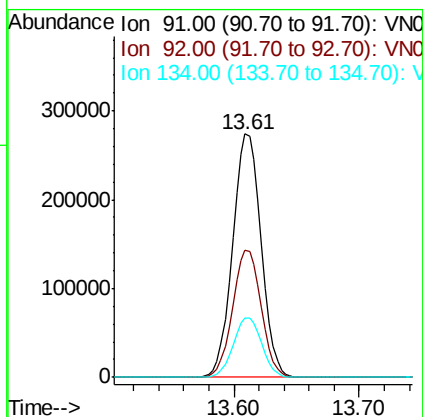
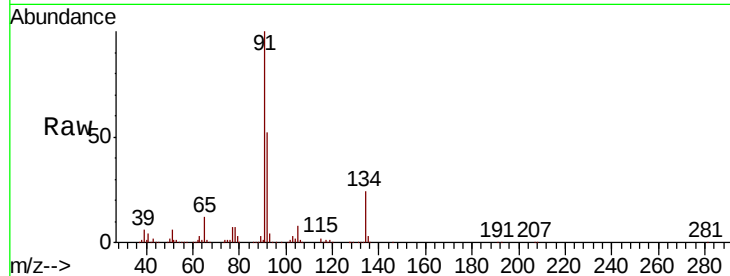




#89
n-Butylbenzene
Concen: 49.279 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

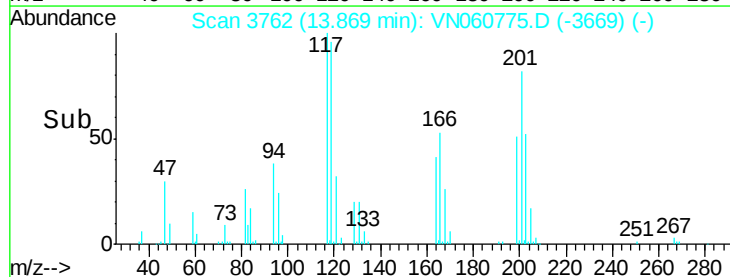
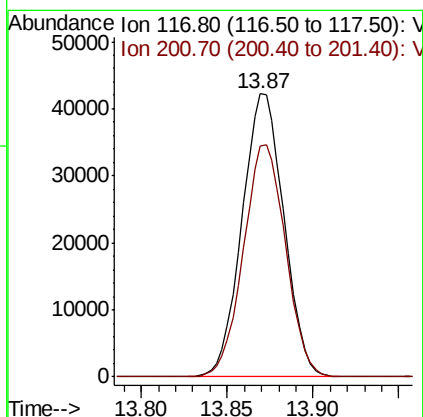
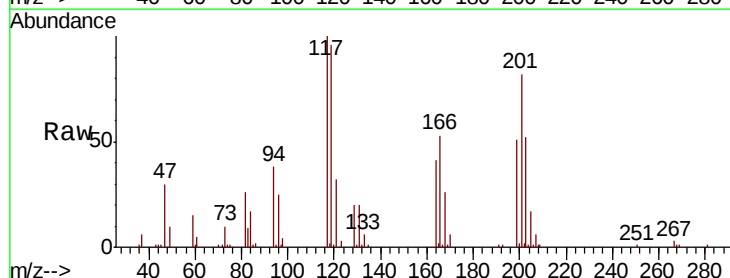
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 430065
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 24.4 12.3 36.9



#90
Hexachloroethane
Concen: 50.783 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060775.D
Acq: 30 Mar 2020 16:57

Tgt Ion: 117 Resp: 71353
Ion Ratio Lower Upper
117 100
201 82.5 40.8 122.5





#91

1,2-Dichlorobenzene

Concen: 47.835 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

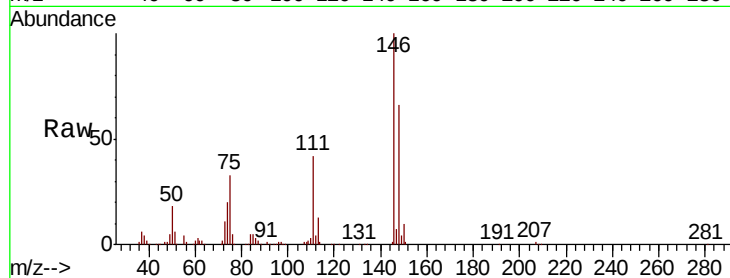
Tot Ion:146 Resp: 220890

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

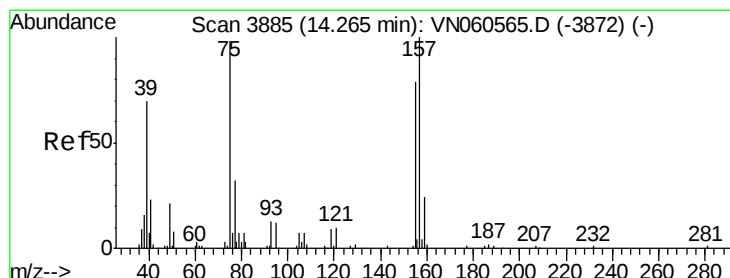
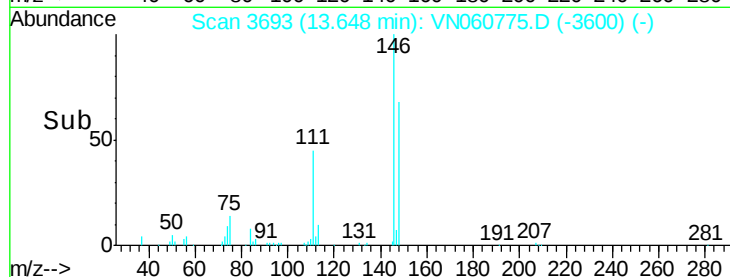
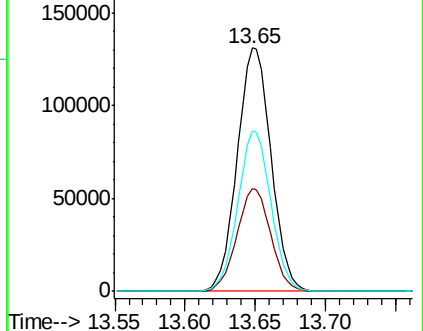
148 64.3 31.9 95.5



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: 48.541 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

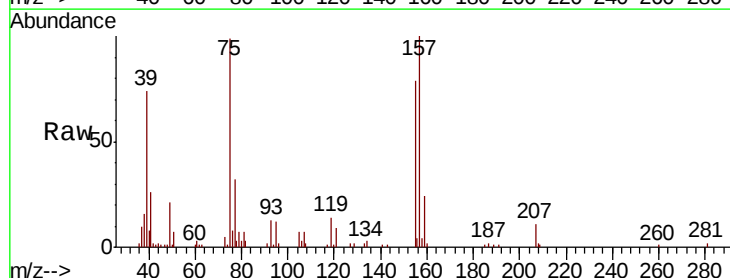
Tgt Ion: 75 Resp: 34943

Ion Ratio Lower Upper

75 100

155 79.1 40.7 122.1

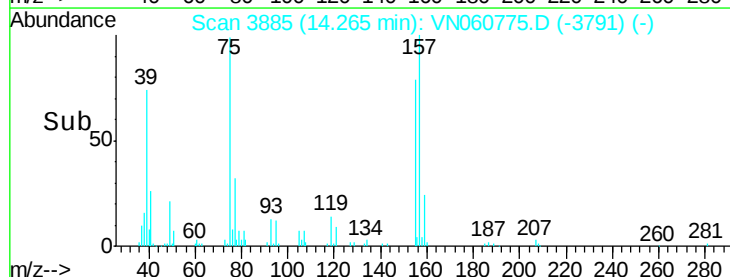
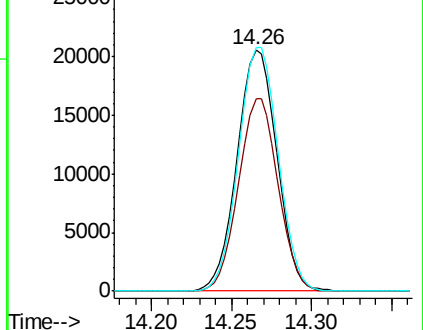
157 100.7 51.5 154.7

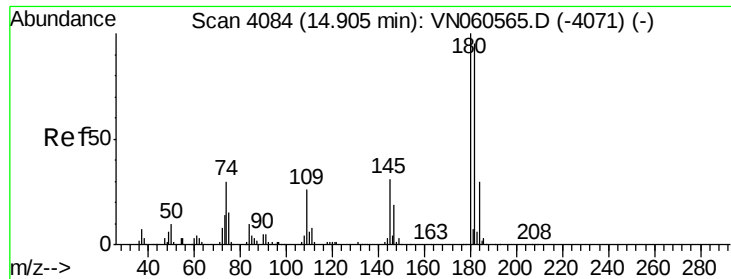


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

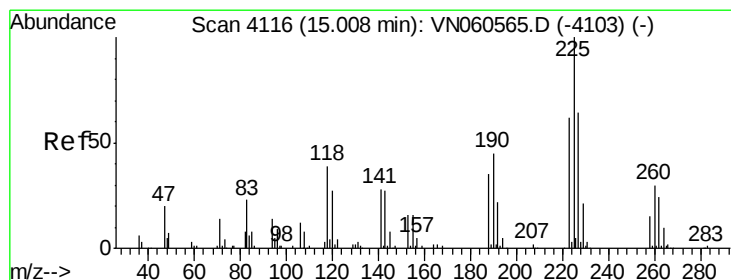
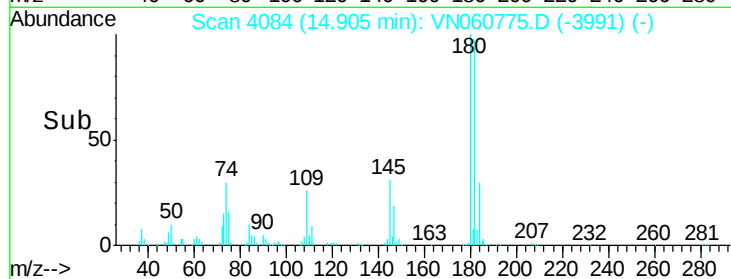
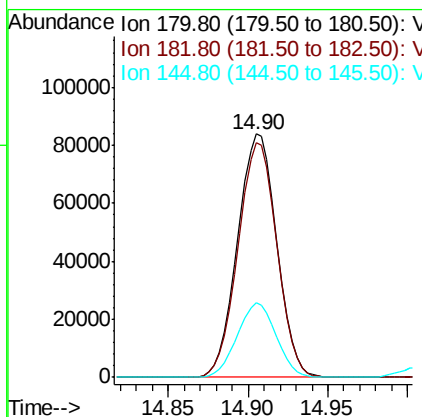
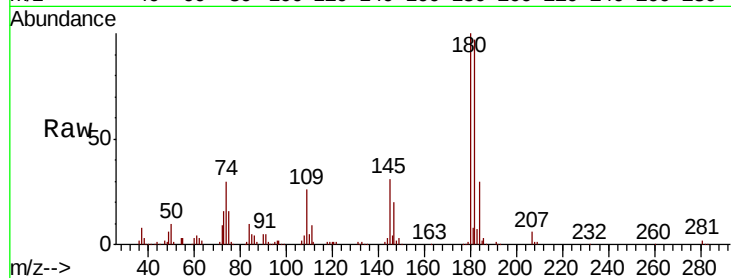




#93
 1,2,4-Trichlorobenzene
 Concen: 49.255 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

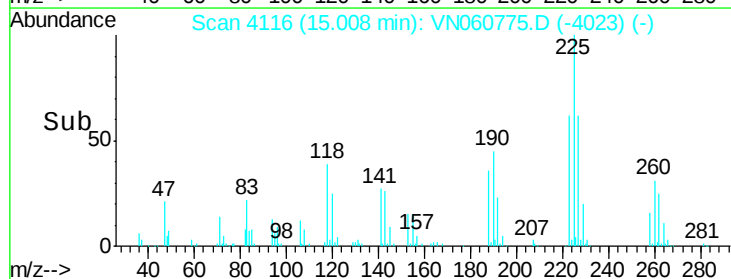
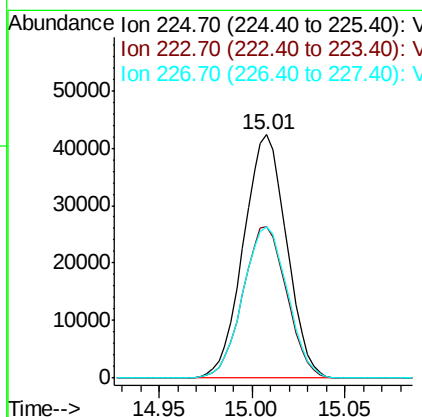
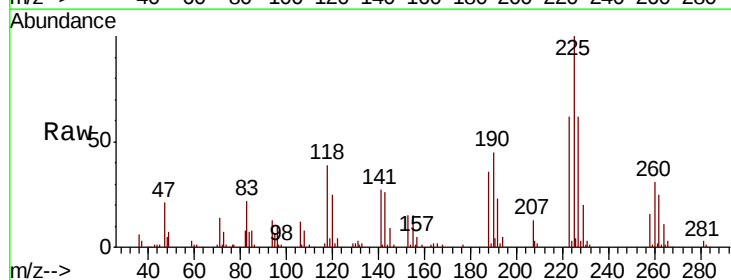
Instrument :
 MSVOA_N
 ClientSampled :

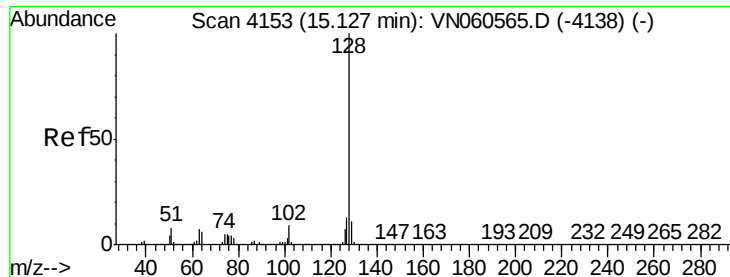
Tot Ion:180 Resp: 139673
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.9 143.8
 145 30.5 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 49.272 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060775.D
 Acq: 30 Mar 2020 16:57

Tgt Ion:225 Resp: 68495
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 64.2 32.3 96.8





#95

Naphthalene

Concen: 47.871 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

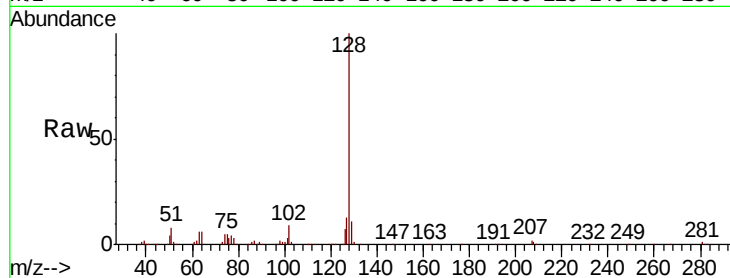
Tot Ion:128 Resp: 408302

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

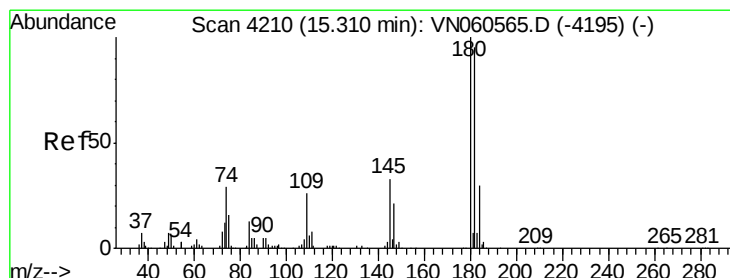
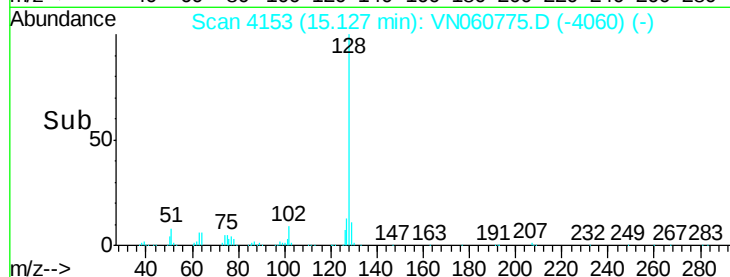
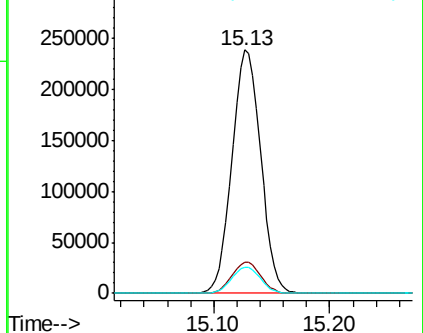
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.379 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060775.D

Acq: 30 Mar 2020 16:57

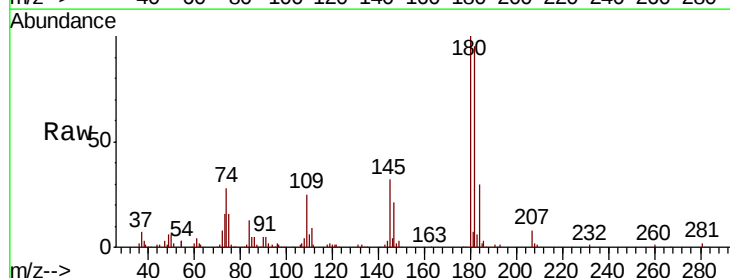
Tgt Ion:180 Resp: 135130

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.6

145 31.9 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

