

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060762.D
 Acq On : 30 Mar 2020 11:52
 Operator : JC/MD
 Sample : VN0330WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 31 07:57:09 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	208034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	337521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	306591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143368	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	135135	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
35) Dibromofluoromethane	7.56	113	102212	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.08	98	402376	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.40	95	146129	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	36690	18.227	ug/l	97
3) Chloromethane	2.04	50	63168	16.802	ug/l	99
4) Vinyl Chloride	2.17	62	49843	16.951	ug/l	100
5) Bromomethane	2.55	94	25052	19.736	ug/l	97
6) Chloroethane	2.69	64	31005	18.304	ug/l	97
7) Trichlorofluoromethane	3.00	101	66743	18.426	ug/l	96
8) Diethyl Ether	3.38	74	27314	18.771	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	40624	19.355	ug/l	100
10) Methyl Iodide	3.93	142	35584	19.053	ug/l	98
11) Tert butyl alcohol	4.72	59	41597	99.040	ug/l	99
12) 1,1-Dichloroethene	3.71	96	40910	18.163	ug/l	98
13) Acrolein	3.57	56	41208	88.527	ug/l	99
14) Allyl chloride	4.29	41	74040	18.690	ug/l	96
15) Acrylonitrile	4.94	53	117811	95.389	ug/l	100
16) Acetone	3.78	43	115305	113.983	ug/l	98
17) Carbon Disulfide	4.03	76	118610	17.315	ug/l	100
18) Methyl Acetate	4.28	43	55221	19.394	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	144362	18.642	ug/l	97
20) Methylene Chloride	4.52	84	45423	18.253	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	44267	18.441	ug/l	93
22) Diisopropyl ether	5.91	45	162815	19.454	ug/l	99
23) Vinyl Acetate	5.86	43	669770	98.083	ug/l	99
24) 1,1-Dichloroethane	5.81	63	87644	19.210	ug/l	99
25) 2-Butanone	6.79	43	162298	99.148	ug/l	99
26) 2,2-Dichloropropane	6.79	77	74602	20.782	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	49647	18.200	ug/l	95
28) Bromochloromethane	7.17	49	41955	19.220	ug/l	99
29) Tetrahydrofuran	7.18	42	107794	93.071	ug/l	98
30) Chloroform	7.34	83	82363	18.831	ug/l	100
31) Cyclohexane	7.63	56	83673	18.191	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	70299	18.644	ug/l	98
36) 1,1-Dichloropropene	7.77	75	64038	19.594	ug/l	100
37) Ethyl Acetate	6.89	43	68231	19.321	ug/l	99
38) Carbon Tetrachloride	7.75	117	54767	18.697	ug/l	97

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Quant Time: Mar 31 07:57:09 2020
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 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)
39) Methylcyclohexane	9.06	83	78210	20.137	ug/l	98
40) Benzene	8.02	78	193142	19.576	ug/l	99
41) Methacrylonitrile	7.18	41	95630	63.453	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	66583	19.747	ug/l	99
43) Isopropyl Acetate	8.14	43	112900	19.385	ug/l	99
44) Trichloroethene	8.82	130	48750	19.601	ug/l	96
45) 1,2-Dichloropropane	9.10	63	52388	20.123	ug/l	99
46) Dibromomethane	9.19	93	30491	19.373	ug/l	99
47) Bromodichloromethane	9.38	83	63609	19.449	ug/l	99
48) Methyl methacrylate	9.18	41	48476	18.695	ug/l	99
49) 1,4-Dioxane	9.18	88	14690	476.625	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	325044	98.079	ug/l	99
52) Toluene	10.14	92	113863	19.110	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	75376	20.064	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	80688	19.578	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	44900	19.587	ug/l	99
56) Ethyl methacrylate	10.42	69	66558	18.622	ug/l	98
57) 1,3-Dichloropropane	10.70	76	77545	19.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	155405	87.482	ug/l	99
59) 2-Hexanone	10.74	43	232477	97.380	ug/l	100
60) Dibromochloromethane	10.89	129	45780	19.334	ug/l	100
61) 1,2-Dibromoethane	10.99	107	44242	19.194	ug/l	99
64) Tetrachloroethene	10.62	164	46136	19.123	ug/l	99
65) Chlorobenzene	11.42	112	117729	19.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42886	19.488	ug/l	99
67) Ethyl Benzene	11.50	91	219050	19.380	ug/l	100
68) m/p-Xylenes	11.61	106	160669	38.253	ug/l	98
69) o-Xylene	11.94	106	76929	19.186	ug/l	98
70) Styrene	11.96	104	122540	18.687	ug/l	100
71) Bromoform	12.12	173	31306	18.222	ug/l #	99
73) Isopropylbenzene	12.24	105	210355	19.551	ug/l	99
74) N-amyl acetate	12.06	43	93175	18.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	62243	19.130	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	85111	27.512	ug/l #	100
77) Bromobenzene	12.52	156	49232	18.989	ug/l	99
78) n-propylbenzene	12.59	91	245373	19.304	ug/l	99
79) 2-Chlorotoluene	12.67	91	144689	19.051	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	176204	19.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22593	18.757	ug/l	98
82) 4-Chlorotoluene	12.77	91	148121	19.148	ug/l	99
83) tert-Butylbenzene	12.99	119	148429	19.610	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	175484	19.427	ug/l	100
85) sec-Butylbenzene	13.17	105	201846	19.832	ug/l	100
86) p-Isopropyltoluene	13.28	119	180518	19.724	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	87806	19.203	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	87023	18.943	ug/l	98
89) n-Butylbenzene	13.61	91	165298	20.004	ug/l	99
90) Hexachloroethane	13.87	117	26986	20.285	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	85564	19.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12376	17.989	ug/l	96

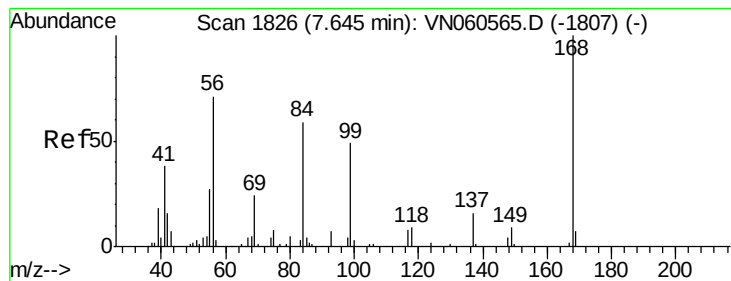
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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	51985	19.361	ug/l	99
94) Hexachlorobutadiene	15.01	225	27099	20.588	ug/l	99
95) Naphthalene	15.13	128	147630	18.280	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50279	19.012	ug/l	100

(#) = 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: VN060762.D

Acq: 30 Mar 2020 11:52

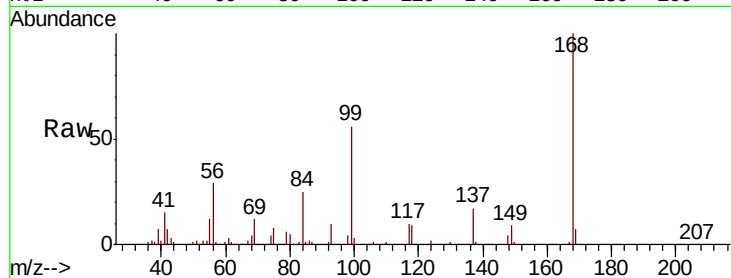
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 208034

Ion Ratio Lower Upper

168 100

99 56.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

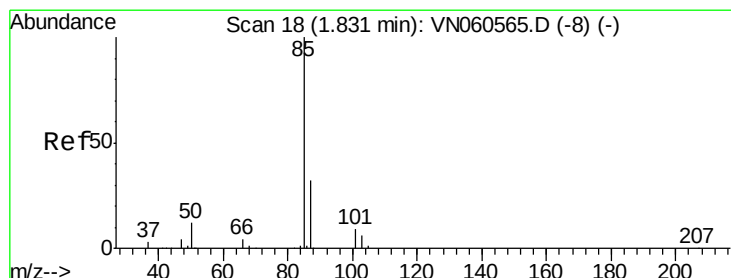
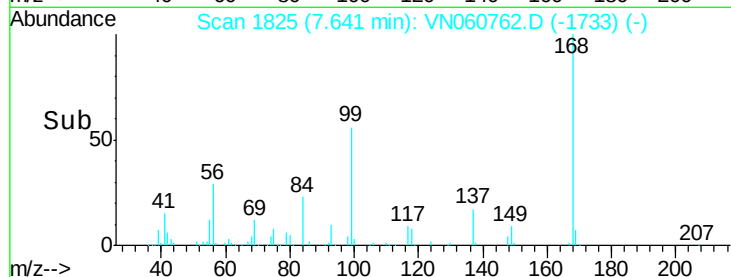
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 18.227 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060762.D

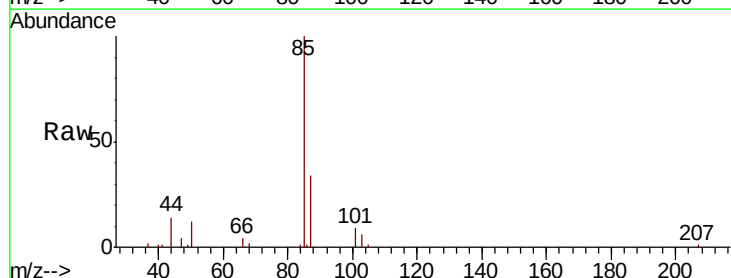
Acq: 30 Mar 2020 11:52

Tgt Ion: 85 Resp: 36690

Ion Ratio Lower Upper

85 100

87 34.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

25000

20000

15000

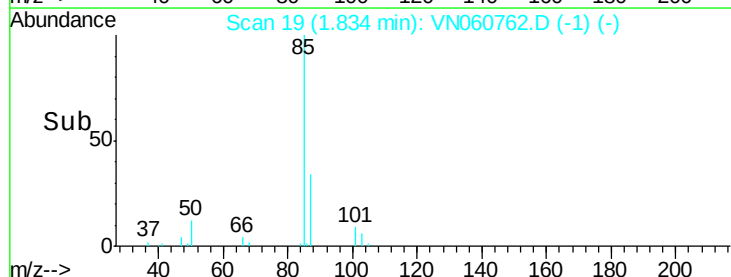
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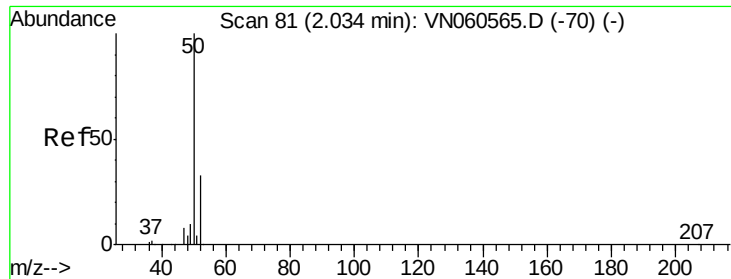
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.802 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

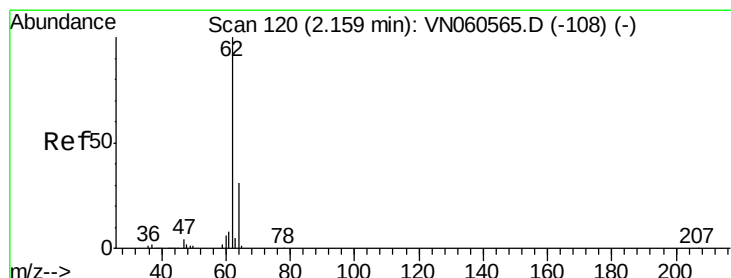
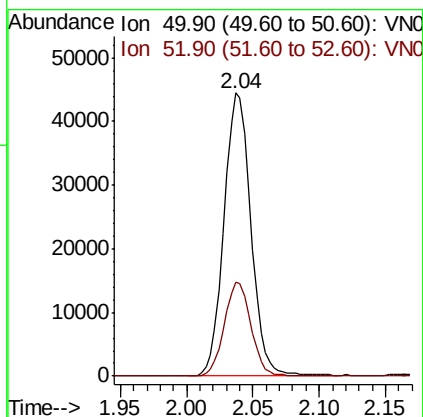
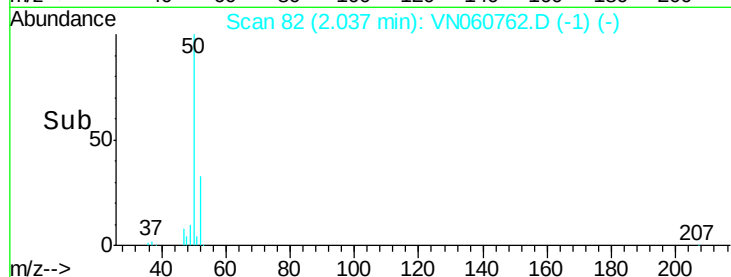
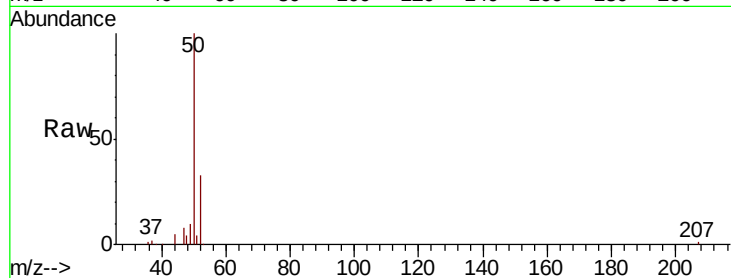
ClientSampleId :

Tot Ion: 50 Resp: 63168

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



#4

Vinyl Chloride

Concen: 16.951 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060762.D

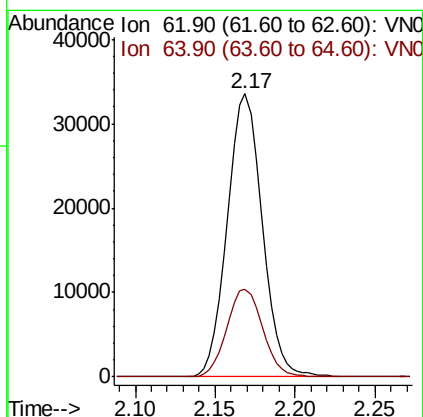
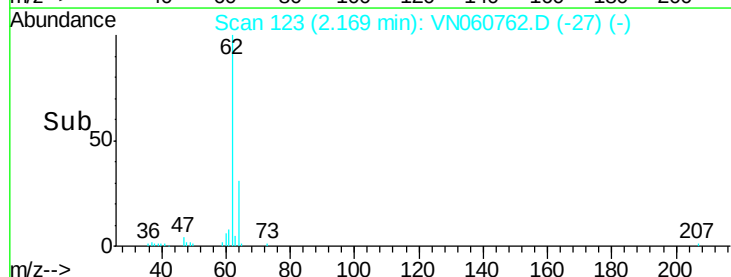
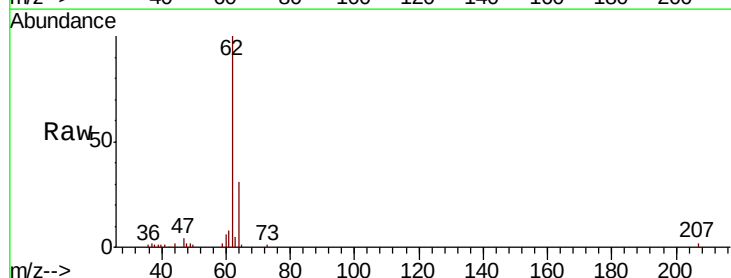
Acq: 30 Mar 2020 11:52

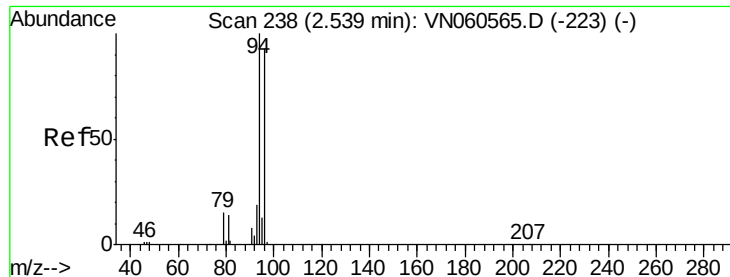
Tgt Ion: 62 Resp: 49843

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1

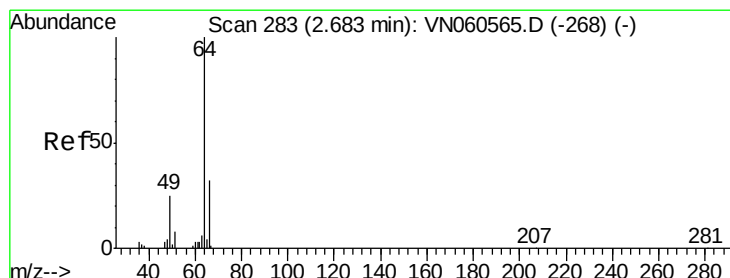
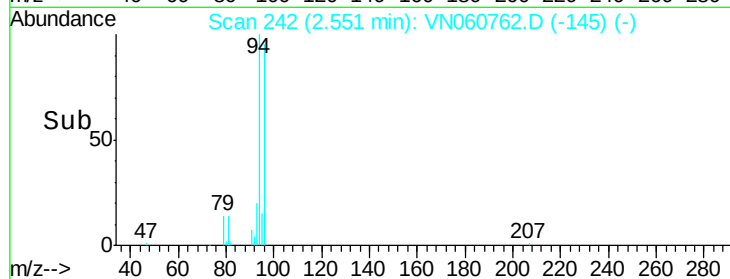
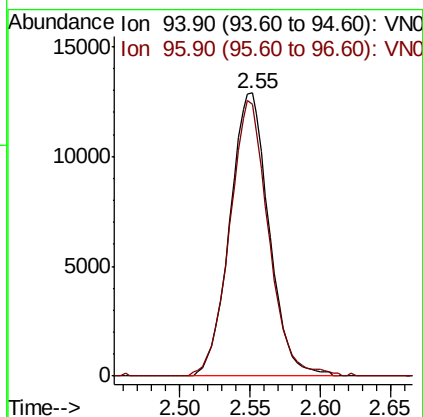
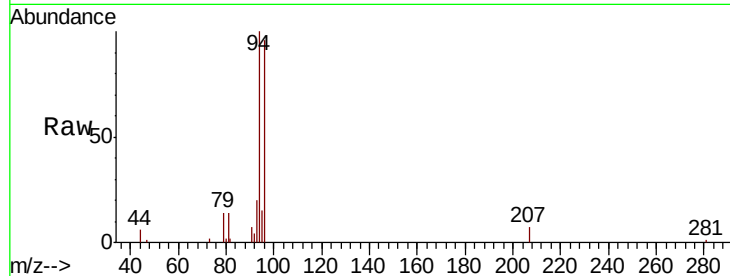




#5
Bromomethane
Concen: 19.736 ug/l
RT: 2.55 min Scan# 242
Delta R.T. 0.01 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

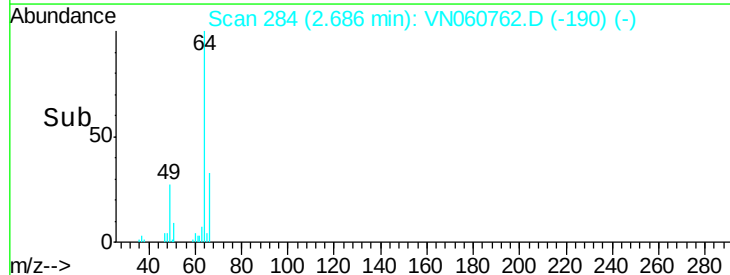
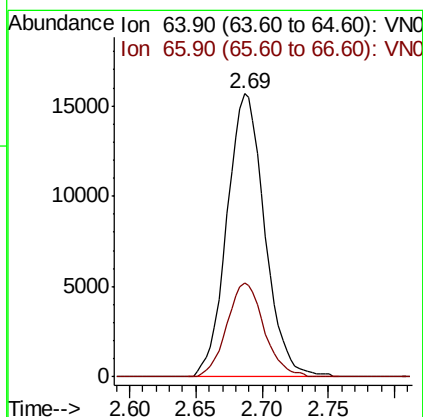
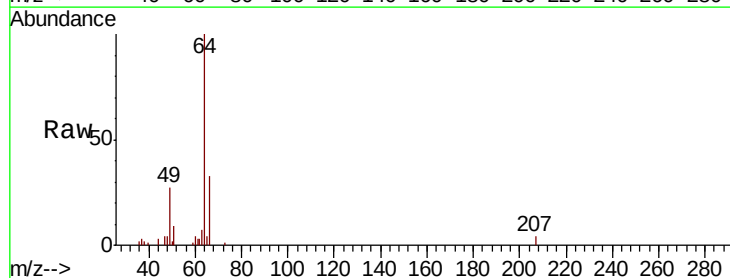
Instrument :
MSVOA_N
ClientSampled :

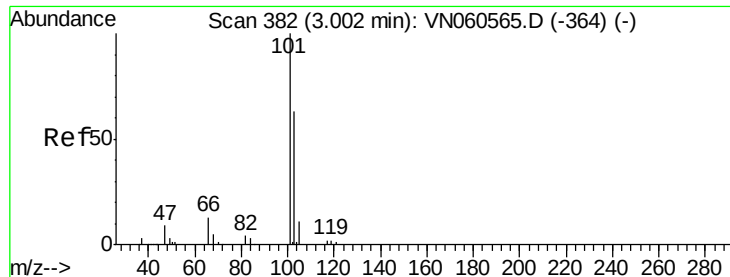
Tot Ion: 94 Resp: 25052
Ion Ratio Lower Upper
94 100
96 95.9 74.6 112.0



#6
Chloroethane
Concen: 18.304 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion: 64 Resp: 31005
Ion Ratio Lower Upper
64 100
66 33.0 25.3 37.9



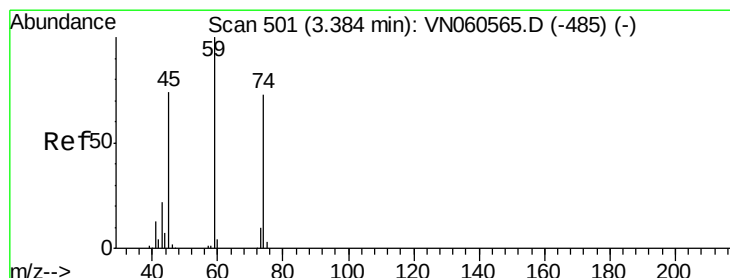
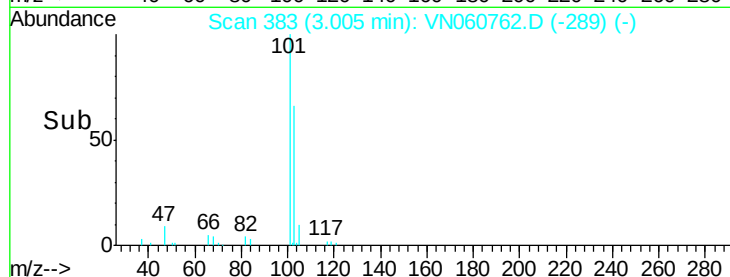
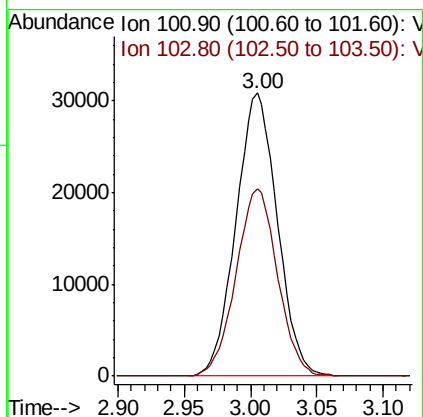
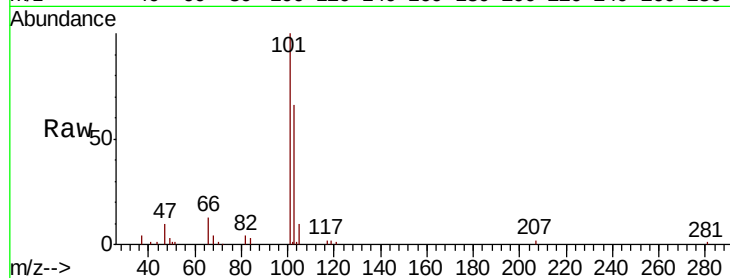


#7

Trichlorofluoromethane
 Concen: 18.426 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Instrument :
 MSVOA_N
 ClientSampled :

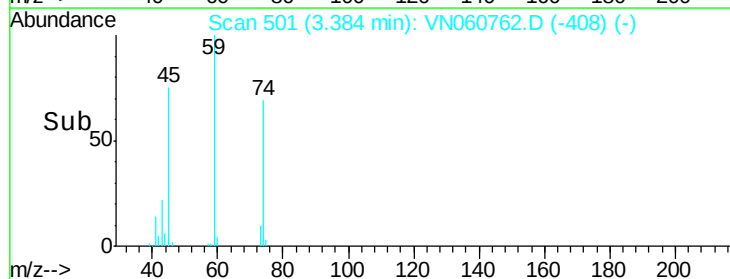
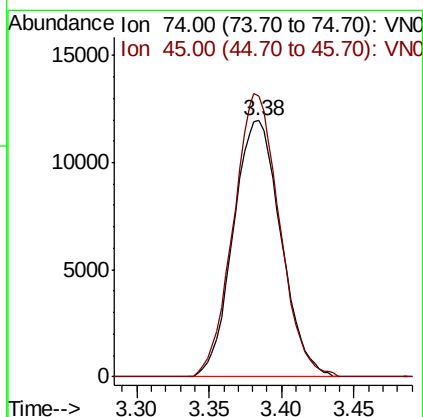
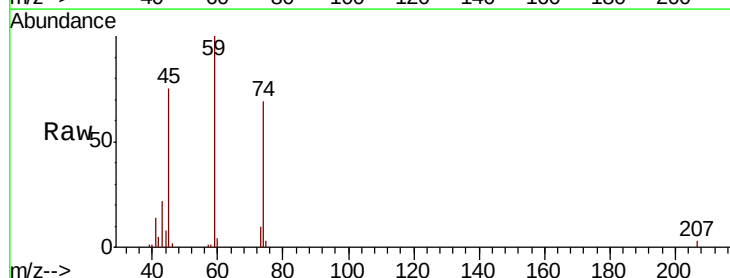
Tot Ion:101 Resp: 66743
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.6 76.0

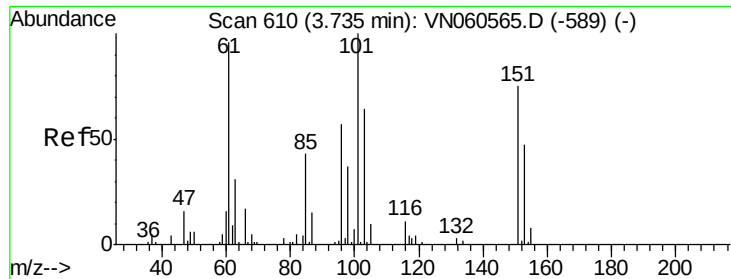


#8

Diethyl Ether
 Concen: 18.771 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion: 74 Resp: 27314
 Ion Ratio Lower Upper
 74 100
 45 106.7 51.3 153.9

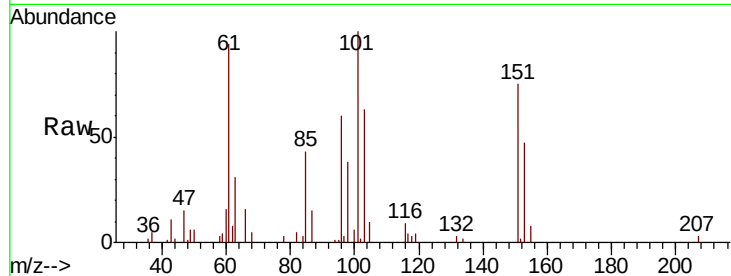




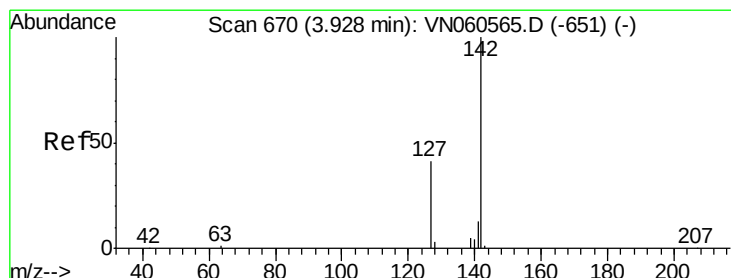
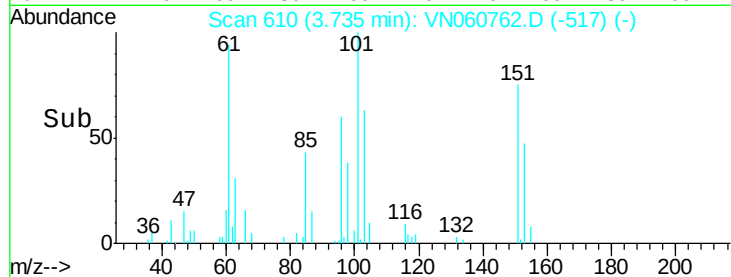
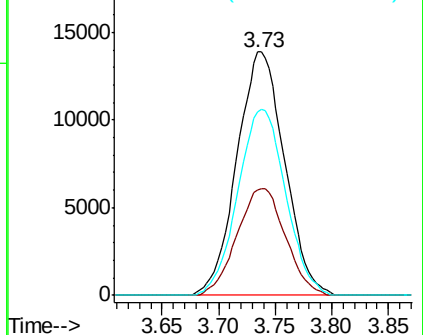
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.355 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 40624
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.6 53.4
 151 76.7 61.4 92.2

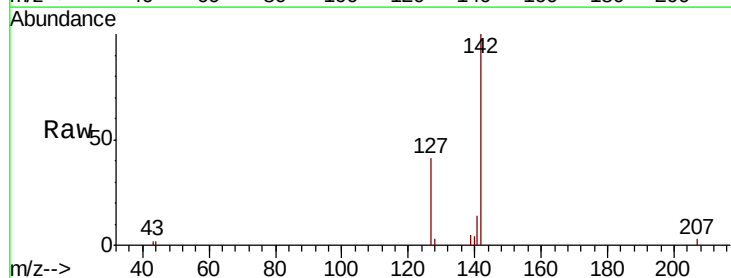


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

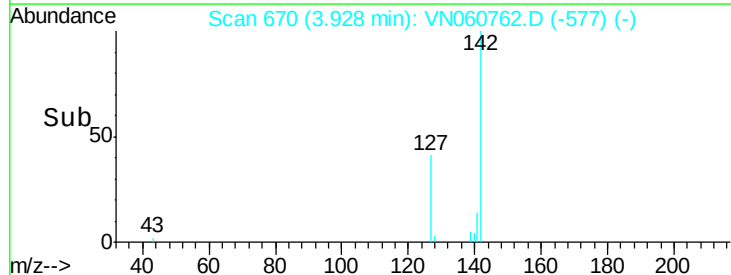
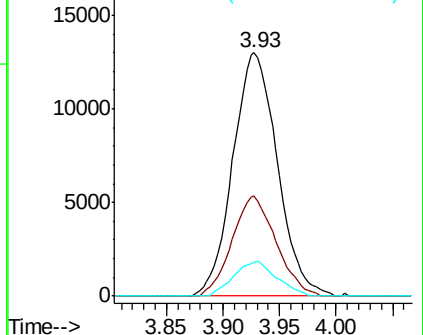


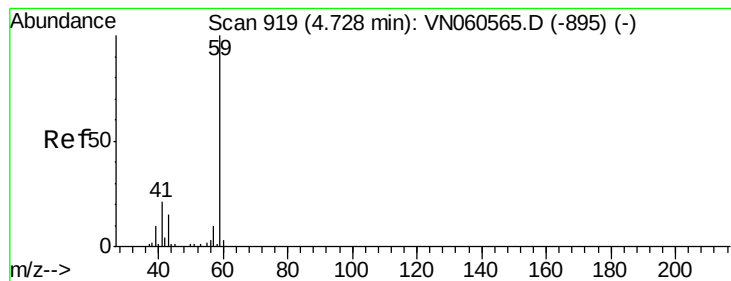
#10
 Methyl Iodide
 Concen: 19.053 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion:142 Resp: 35584
 Ion Ratio Lower Upper
 142 100
 127 40.4 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: 99.040 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.01 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

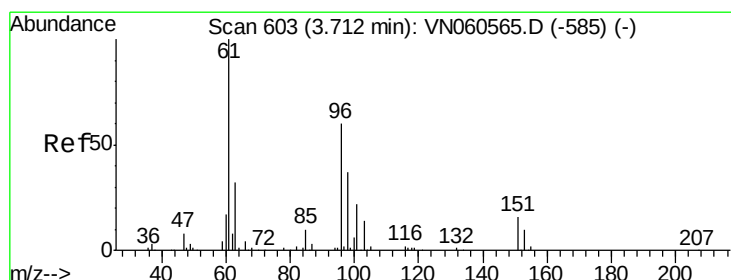
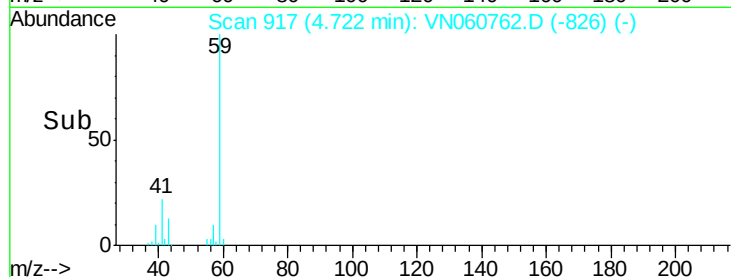
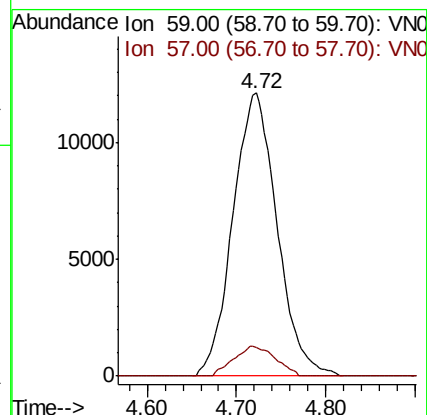
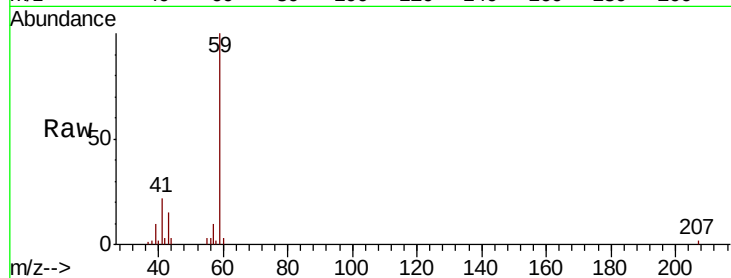
ClientSampled :

Tot Ion: 59 Resp: 41597

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.4



#12

1,1-Dichloroethene

Concen: 18.163 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

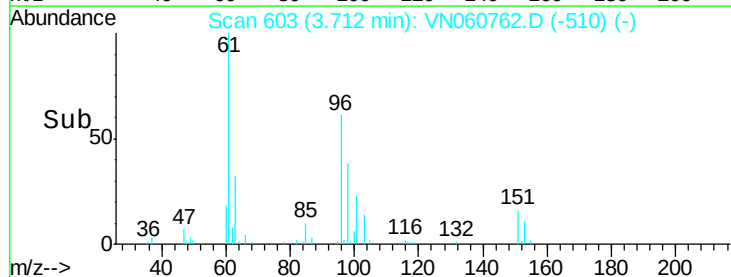
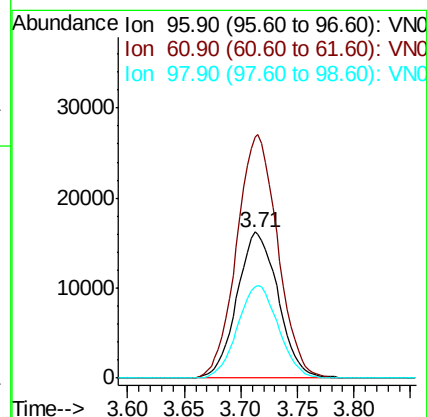
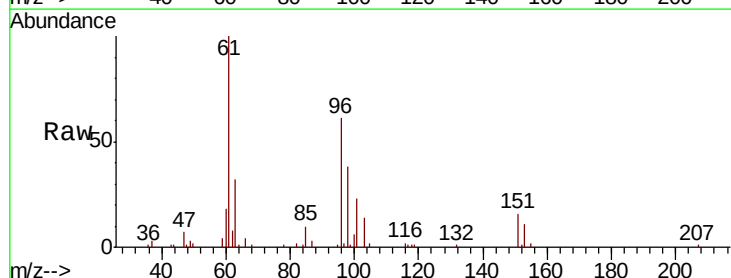
Tgt Ion: 96 Resp: 40910

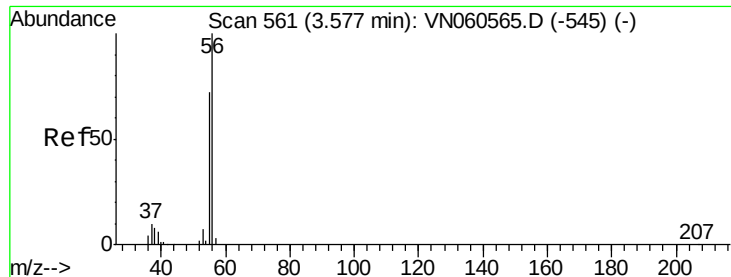
Ion Ratio Lower Upper

96 100

61 164.9 134.1 201.1

98 62.8 49.9 74.9





#13

Acrolein

Concen: 88.527 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

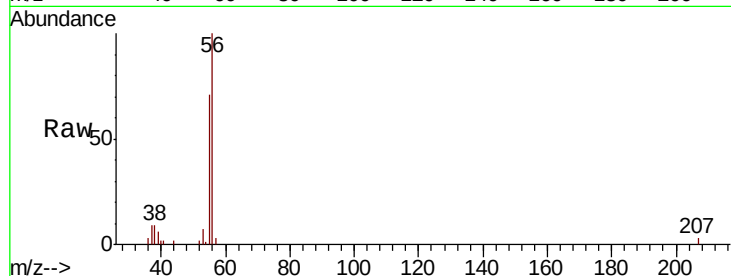
ClientSampleId :

Tot Ion: 56 Resp: 41208

Ion Ratio Lower Upper

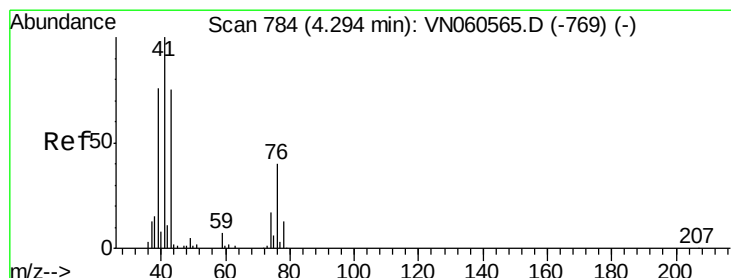
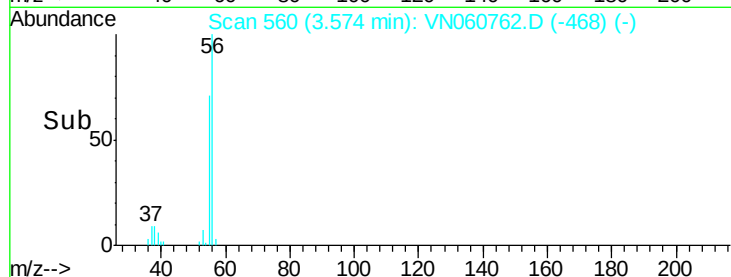
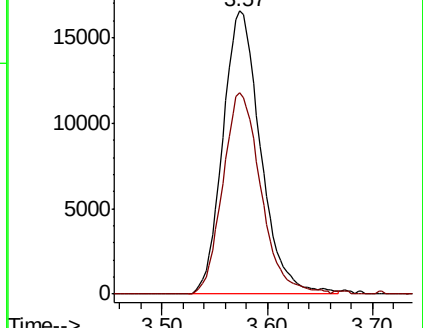
56 100

55 71.8 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN060762.D (-468) (-)

Ion 55.00 (54.70 to 55.70): VN060762.D (-468) (-)



#14

Allyl chloride

Concen: 18.690 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

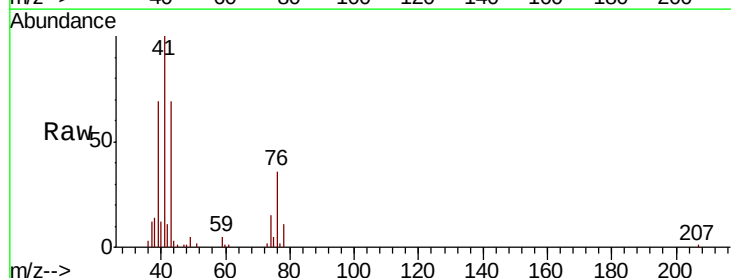
Tgt Ion: 41 Resp: 74040

Ion Ratio Lower Upper

41 100

39 68.5 57.8 86.8

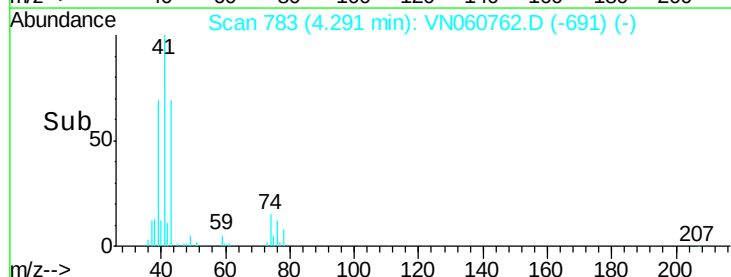
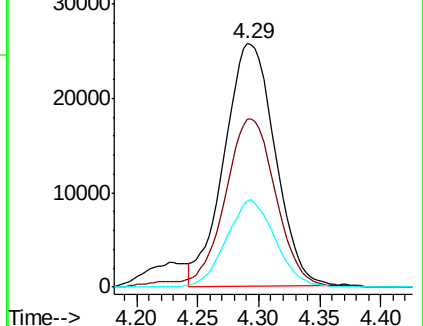
76 34.6 28.6 43.0

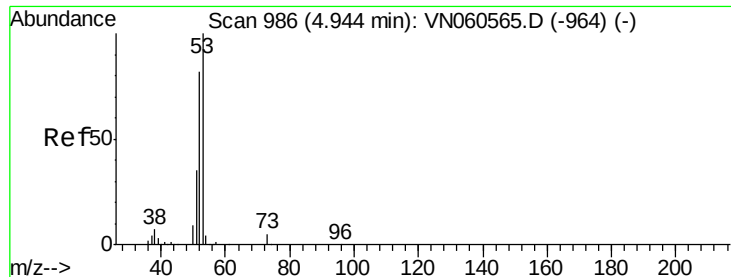


Abundance Ion 41.00 (40.70 to 41.70): VN060762.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060762.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060762.D (-691) (-)





#15

Acrylonitrile

Concen: 95.389 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

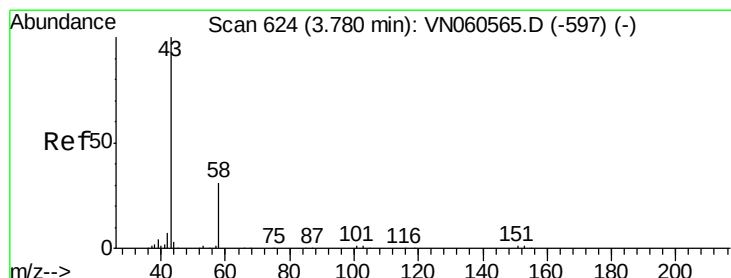
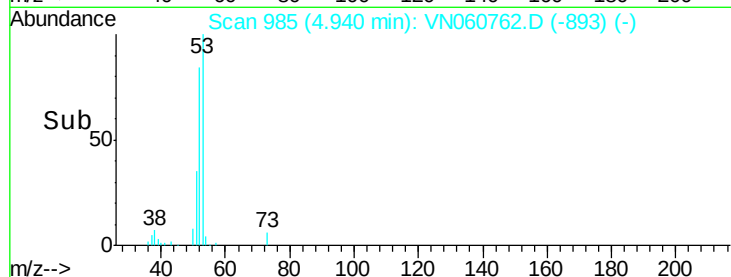
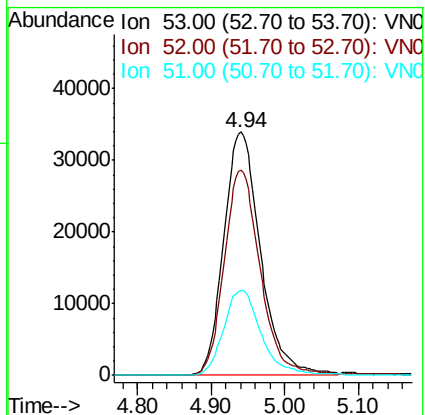
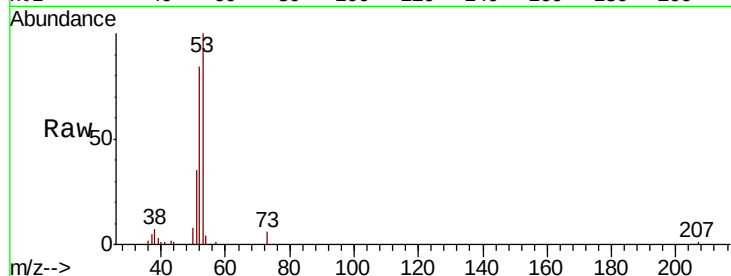
Tot Ion: 53 Resp: 117811

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.4

51 35.9 28.7 43.1



#16

Acetone

Concen: 113.983 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060762.D

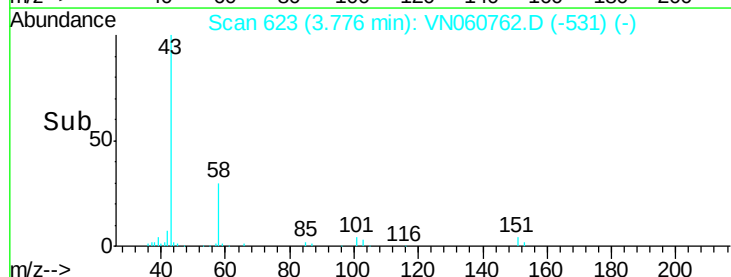
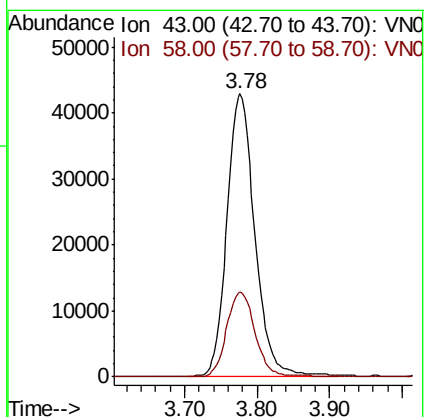
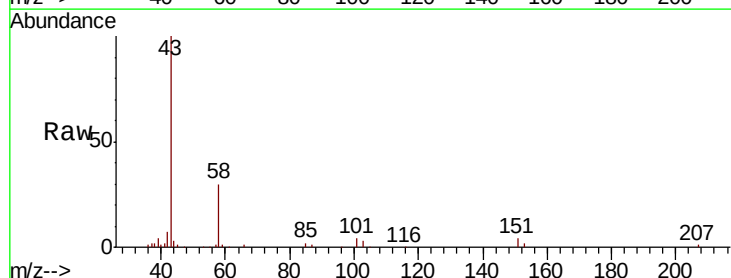
Acq: 30 Mar 2020 11:52

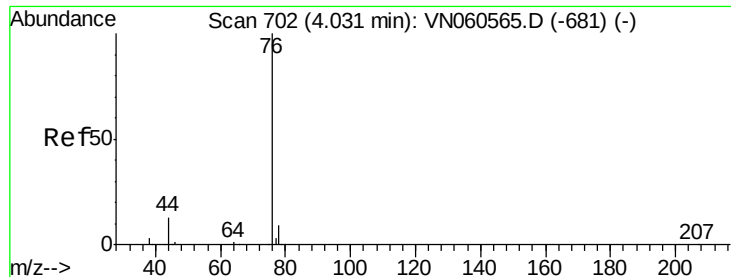
Tgt Ion: 43 Resp: 115305

Ion Ratio Lower Upper

43 100

58 30.1 25.1 37.7

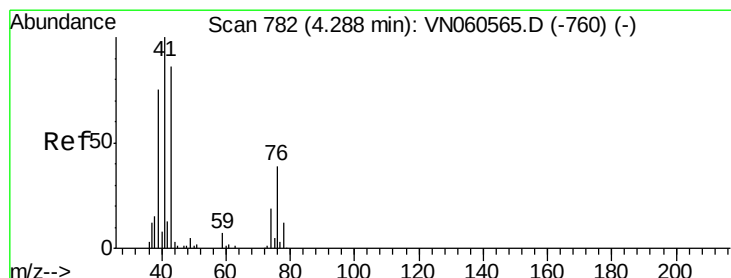
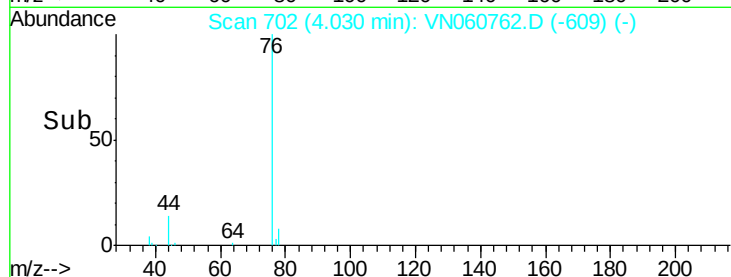
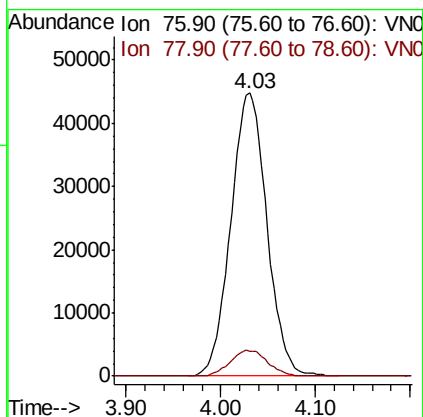
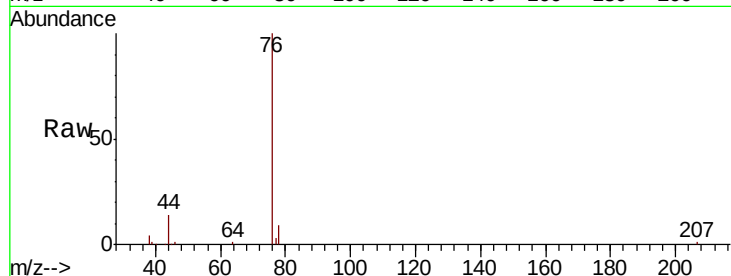




#17
Carbon Disulfide
Concen: 17.315 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

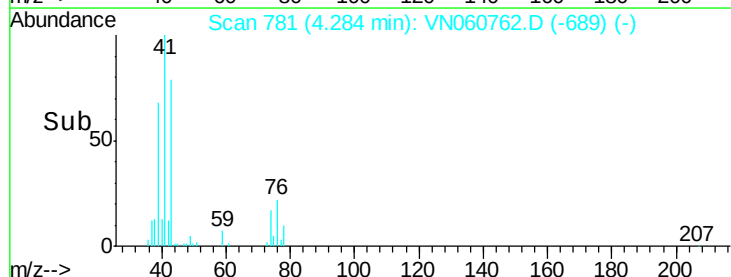
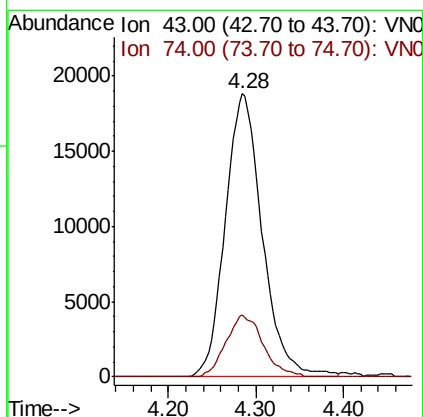
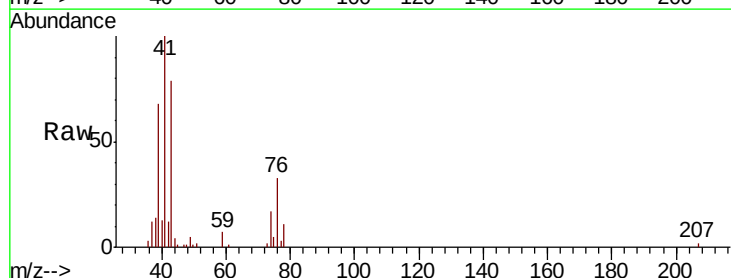
Instrument :
MSVOA_N
ClientSampled :

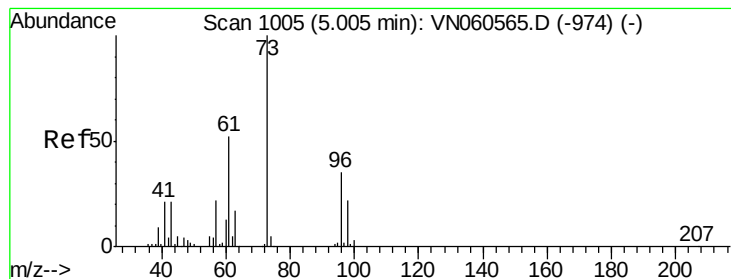
Tot Ion: 76 Resp: 118610
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 19.394 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion: 43 Resp: 55221
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3



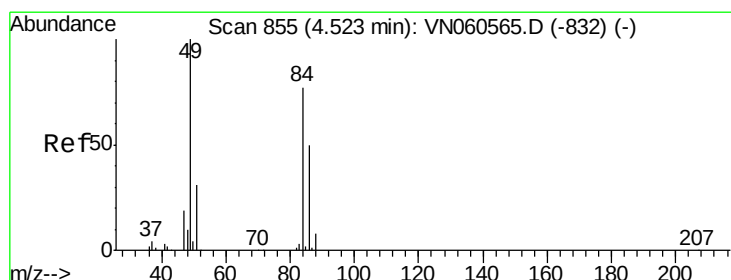
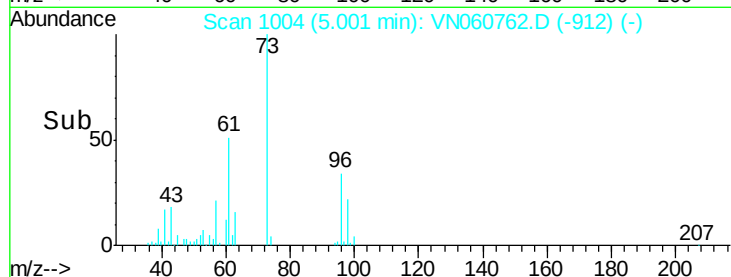
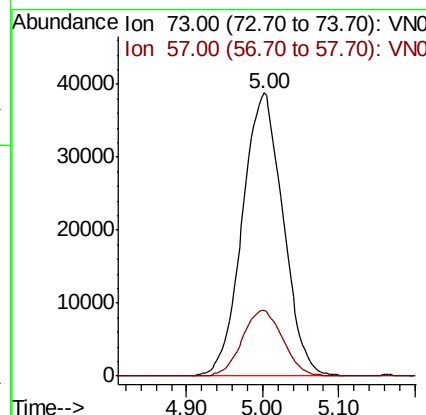
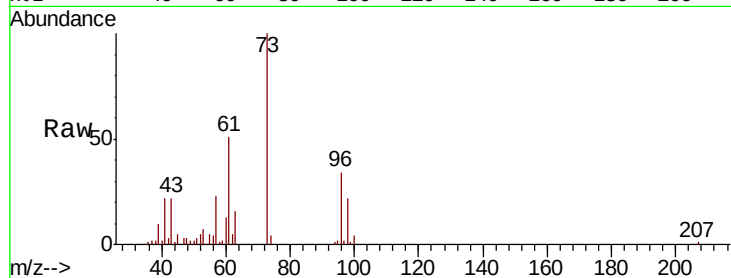


#19

Methyl tert-butyl Ether
 Concen: 18.642 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Instrument :
 MSVOA_N
 ClientSampled :

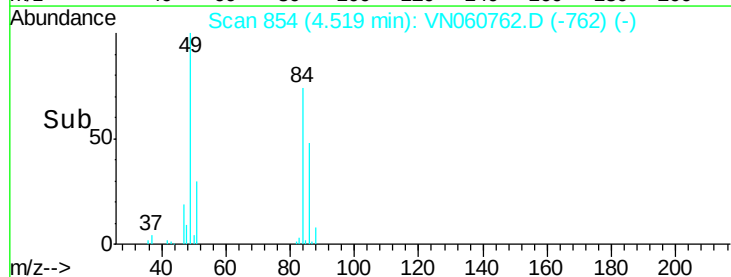
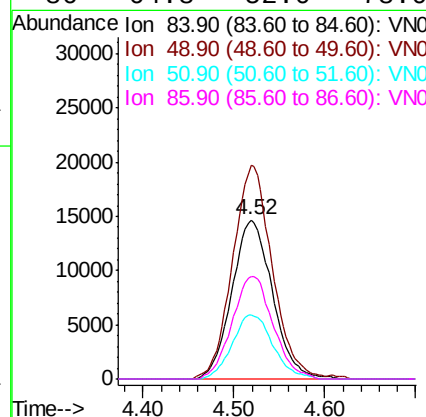
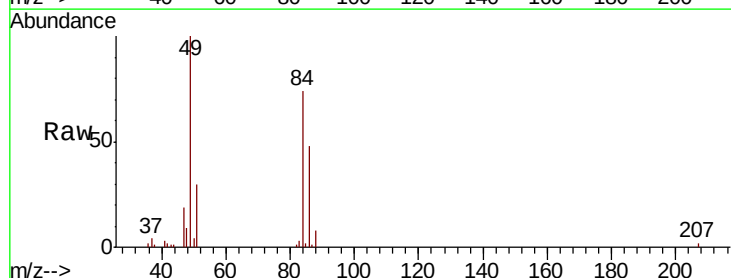
Tot Ion: 73 Resp: 144362
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.5 26.3

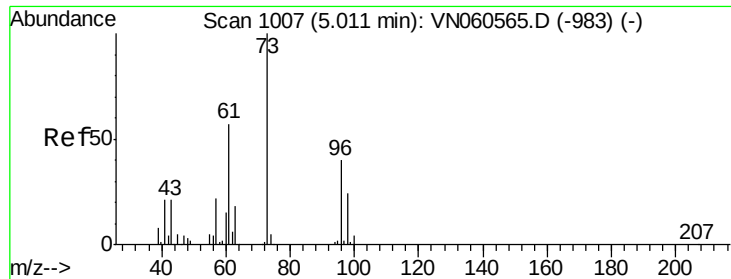


#20

Methylene Chloride
 Concen: 18.253 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion: 84 Resp: 45423
 Ion Ratio Lower Upper
 84 100
 49 134.5 103.3 154.9
 51 40.0 31.6 47.4
 86 64.8 52.0 78.0

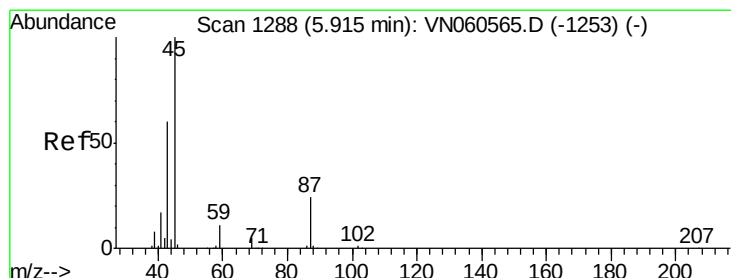
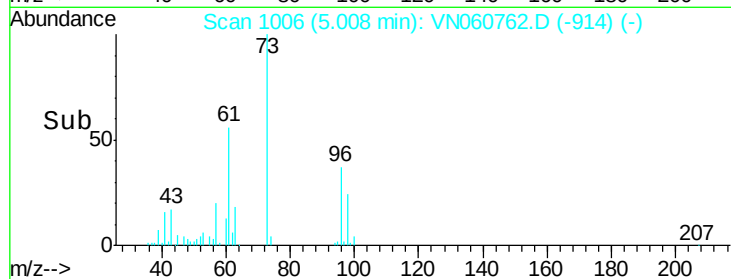
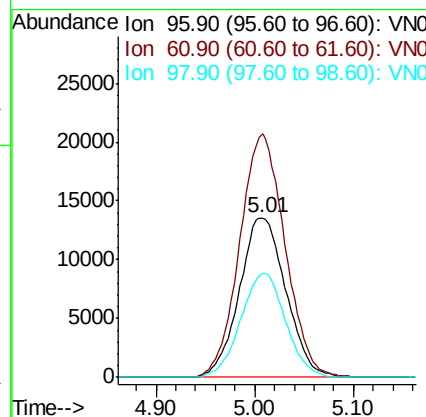
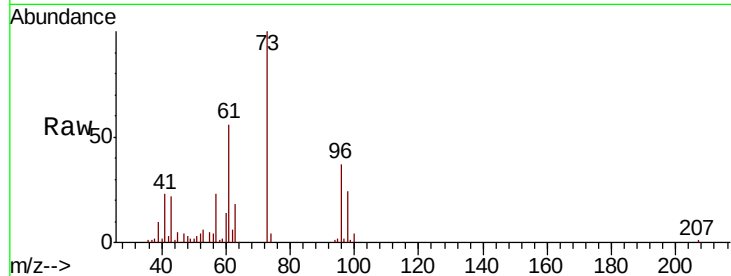




#21
trans-1,2-Dichloroethene
Concen: 18.441 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

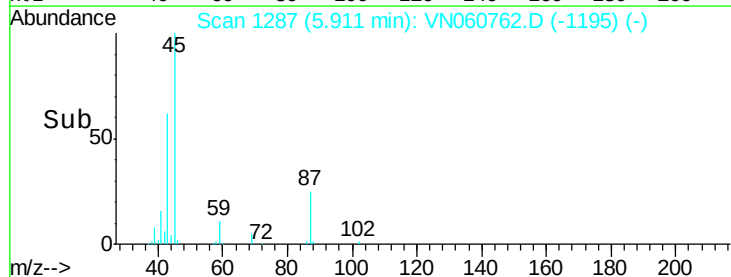
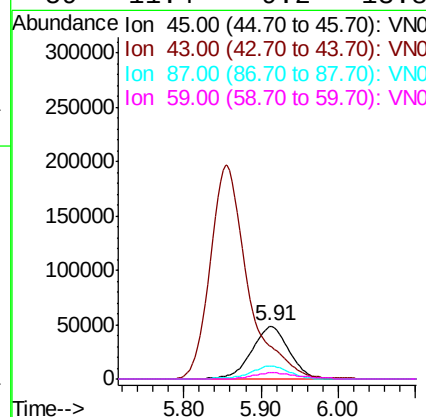
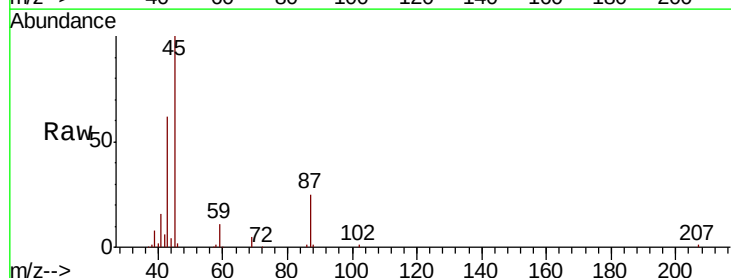
Instrument :
MSVOA_N
ClientSampled :

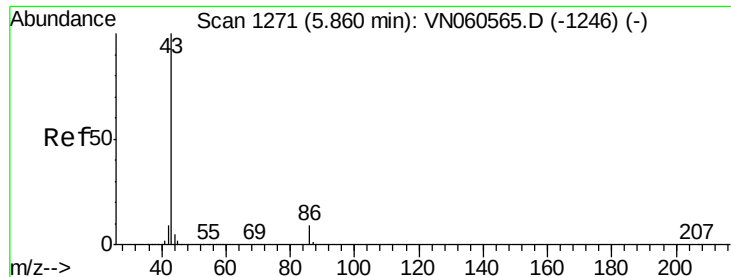
Tot Ion: 96 Resp: 44267
Ion Ratio Lower Upper
96 100
61 152.8 114.4 171.6
98 64.9 48.4 72.6



#22
Diisopropyl ether
Concen: 19.454 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion: 45 Resp: 162815
Ion Ratio Lower Upper
45 100
43 60.9 49.8 74.8
87 24.7 20.1 30.1
59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 98.083 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

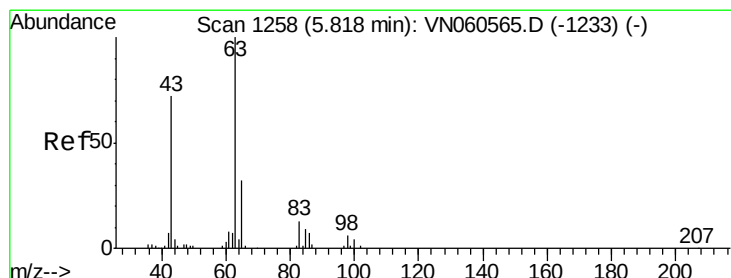
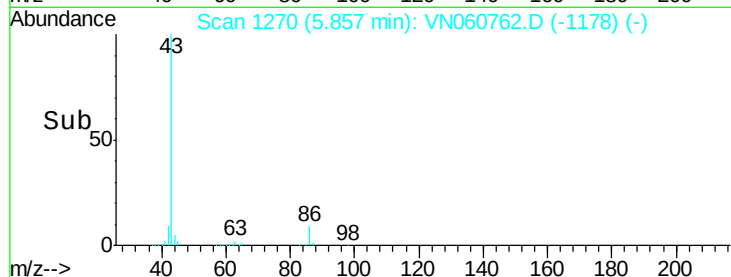
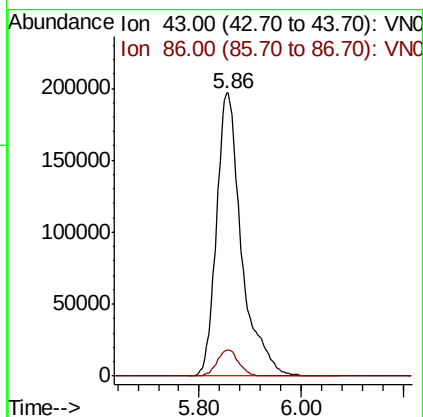
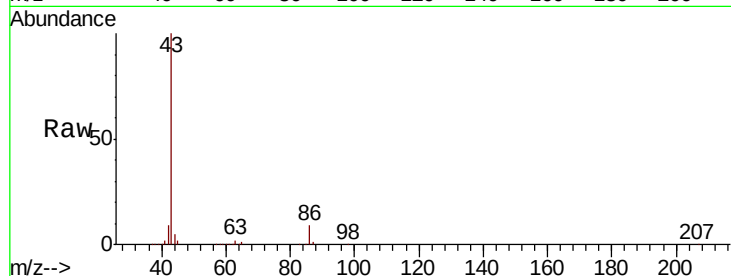
ClientSampleId :

Tot Ion: 43 Resp: 669770

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



#24

1,1-Dichloroethane

Concen: 19.210 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

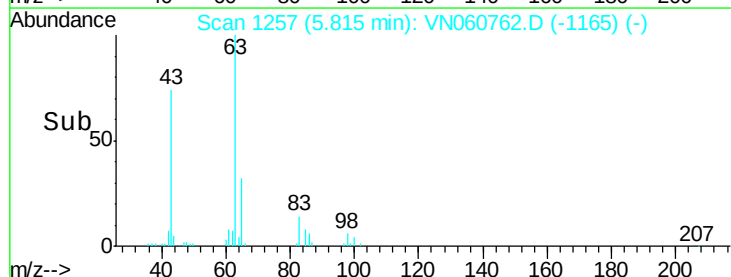
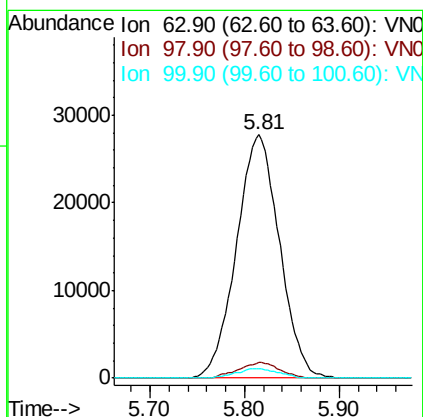
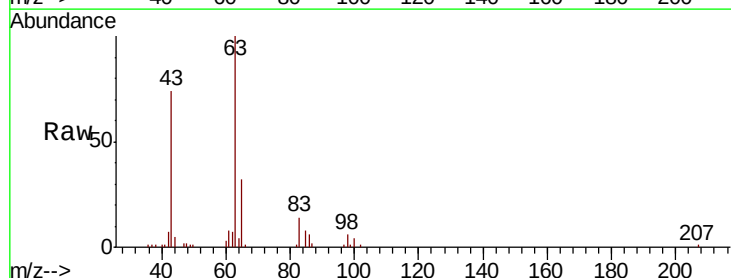
Tgt Ion: 63 Resp: 87644

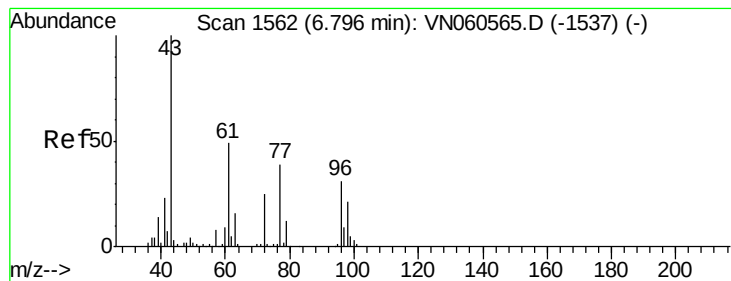
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 99.148 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

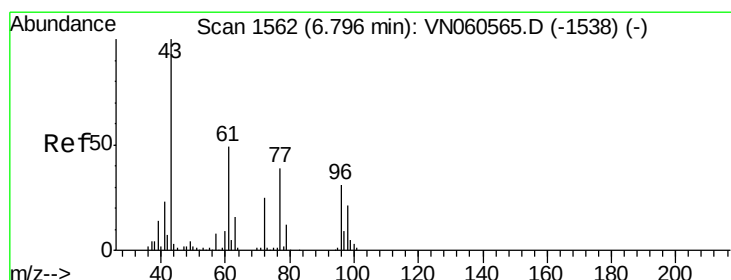
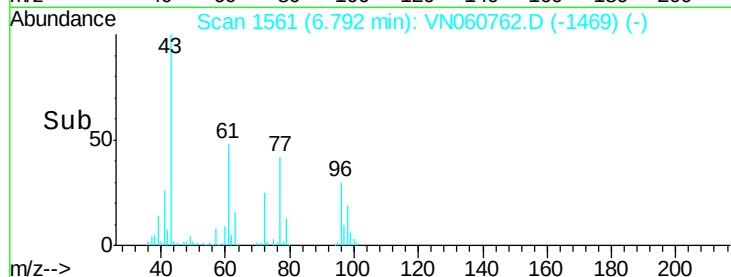
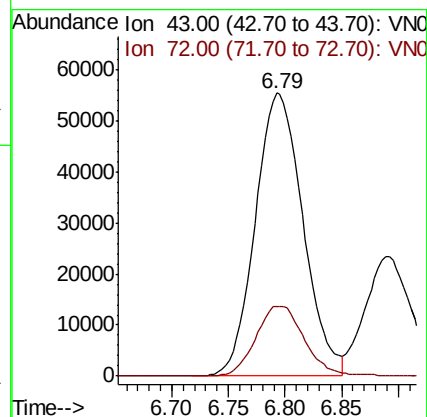
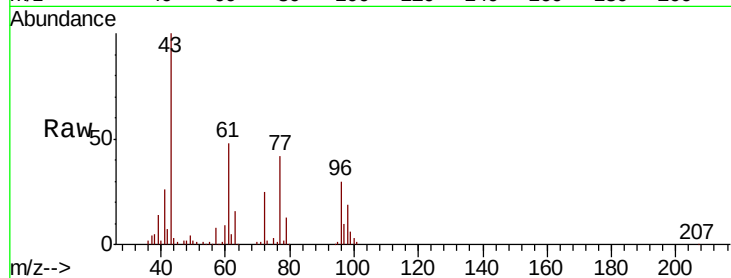
ClientSampled :

Tot Ion: 43 Resp: 162298

Ion Ratio Lower Upper

43 100

72 24.8 20.4 30.6



#26

2,2-Dichloropropane

Concen: 20.782 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060762.D

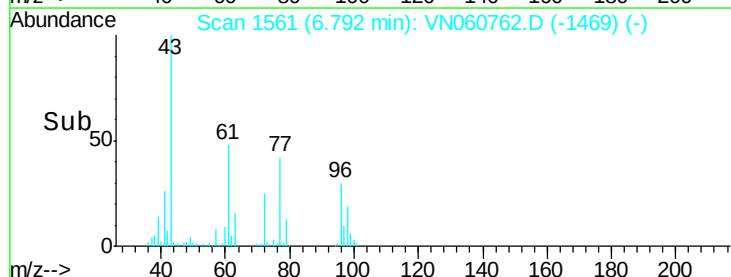
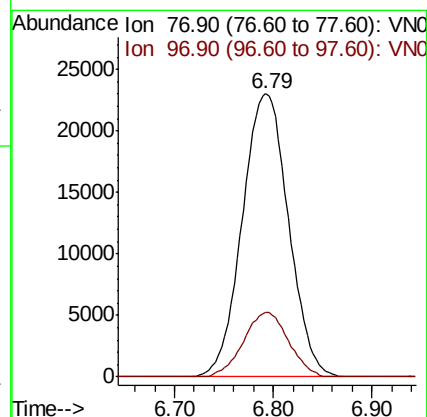
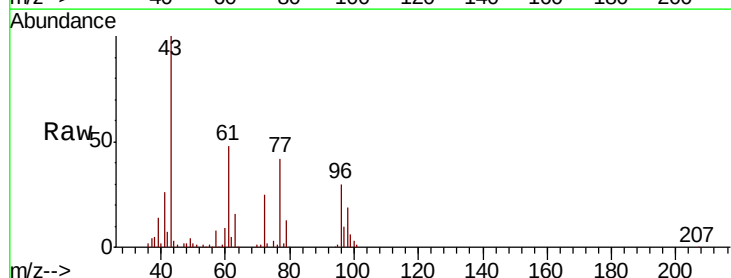
Acq: 30 Mar 2020 11:52

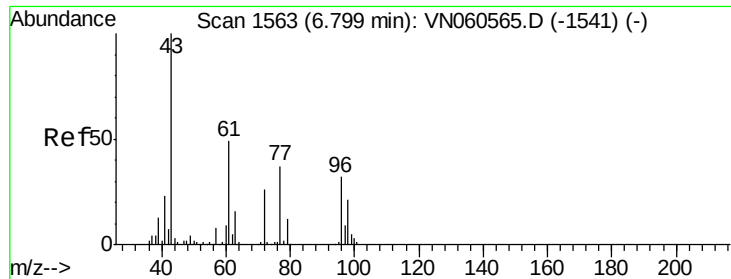
Tgt Ion: 77 Resp: 74602

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1

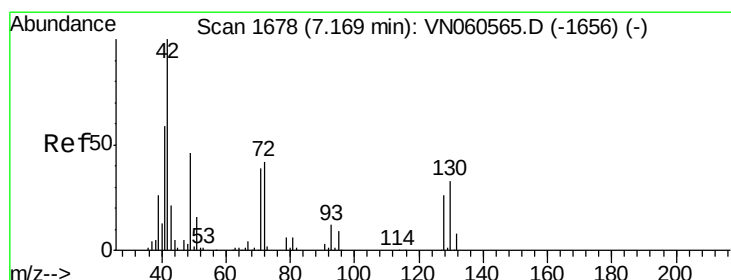
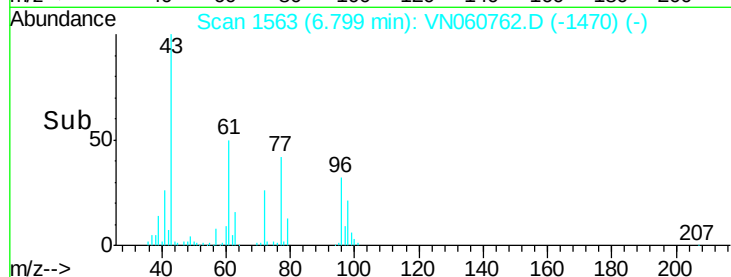
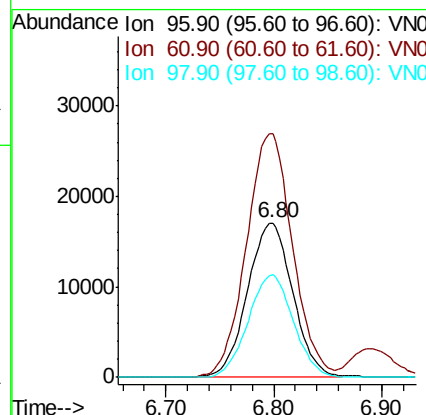
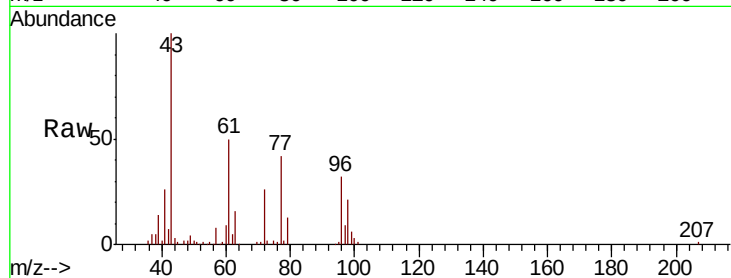




#27
 cis-1,2-Dichloroethene
 Concen: 18.200 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

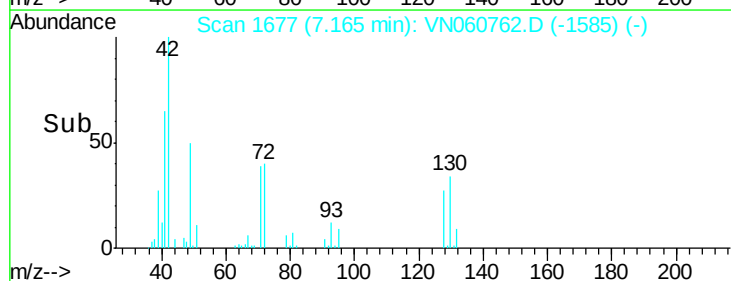
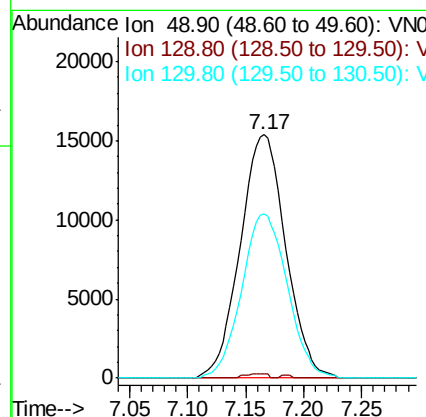
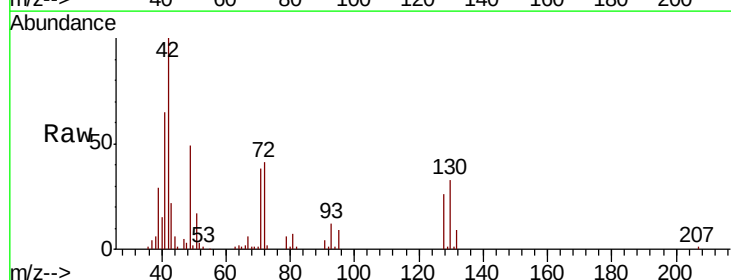
Instrument :
 MSVOA_N
 ClientSampleId :

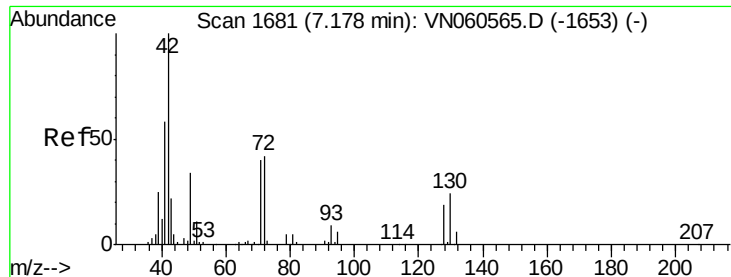
Tot Ion: 96 Resp: 49647
 Ion Ratio Lower Upper
 96 100
 61 161.2 0.0 305.6
 98 66.0 0.0 127.6



#28
 Bromochloromethane
 Concen: 19.220 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion: 49 Resp: 41955
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.4
 130 67.7 55.0 82.4





#29

Tetrahydrofuran

Concen: 93.071 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

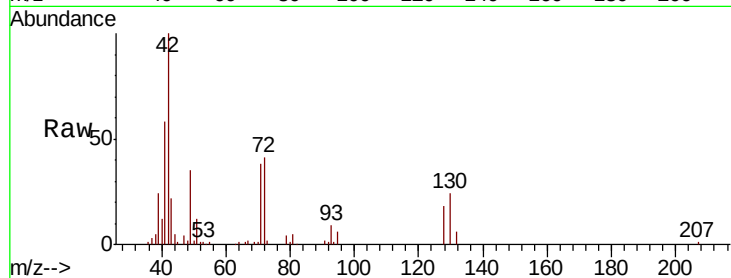
Tot Ion: 42 Resp: 107794

Ion Ratio Lower Upper

42 100

72 40.3 33.2 49.8

71 38.0 31.1 46.7

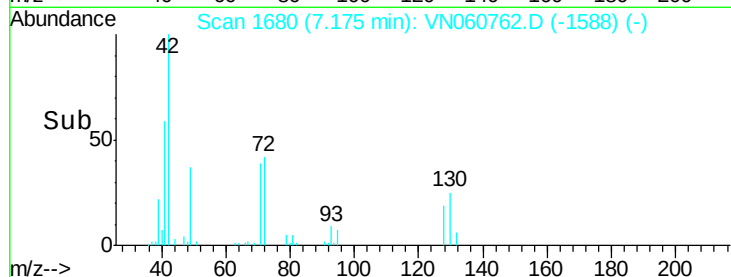


Abundance Ion 42.00 (41.70 to 42.70): VN060762.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN060762.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN060762.D (-1653) (-)

Time-->



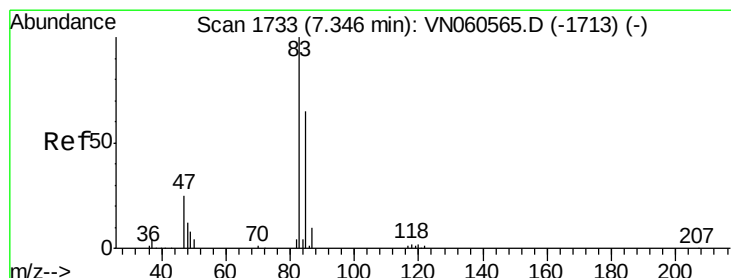
Abundance

Ion 42.00 (41.70 to 42.70): VN060762.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN060762.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN060762.D (-1653) (-)

Time-->



#30

Chloroform

Concen: 18.831 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060762.D

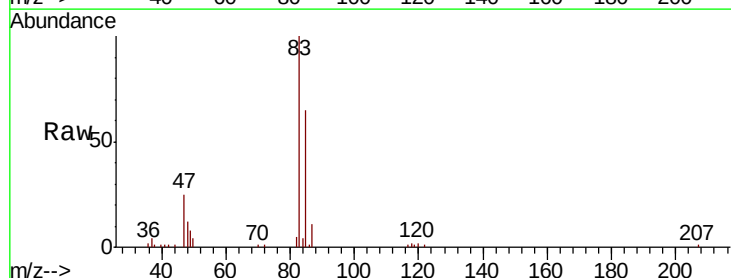
Acq: 30 Mar 2020 11:52

Tgt Ion: 83 Resp: 82363

Ion Ratio Lower Upper

83 100

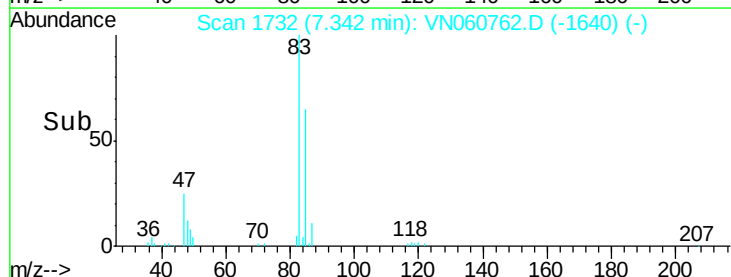
85 64.5 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN060762.D (-1640) (-)

Ion 84.90 (84.60 to 85.60): VN060762.D (-1640) (-)

Time-->

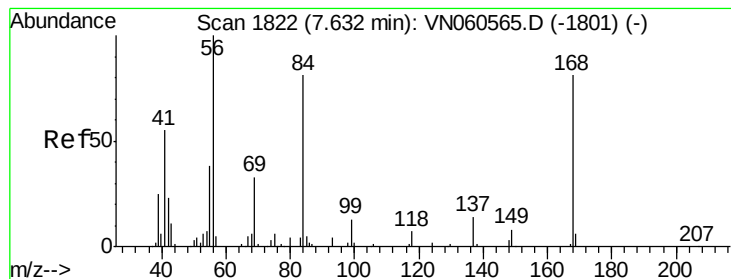


Abundance

Ion 82.90 (82.60 to 83.60): VN060762.D (-1640) (-)

Ion 84.90 (84.60 to 85.60): VN060762.D (-1640) (-)

Time-->



#31

Cyclohexane

Concen: 18.191 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :
MSVOA_N
ClientSampleId :

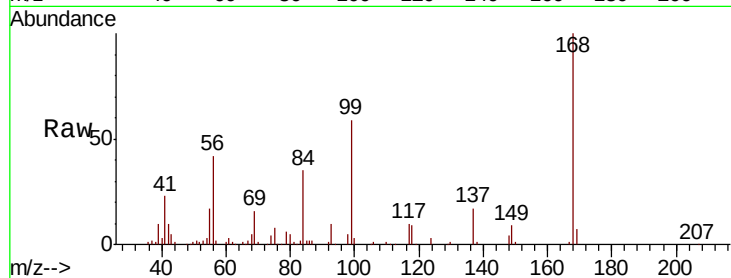
Tot Ion: 56 Resp: 83673

Ion Ratio Lower Upper

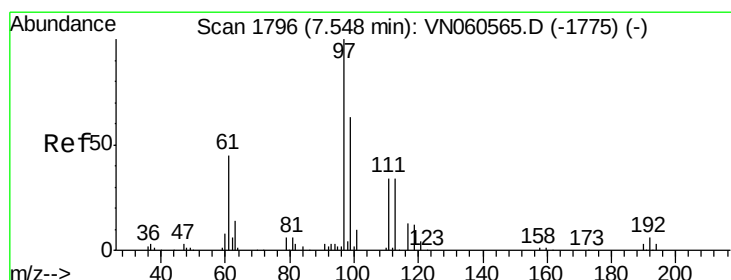
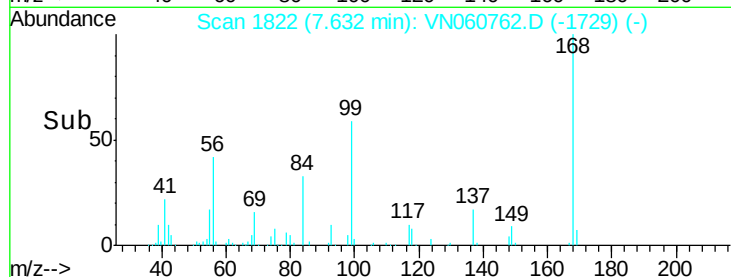
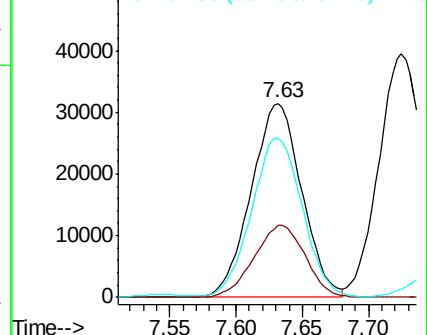
56 100

69 37.0 26.6 40.0

84 81.0 64.3 96.5



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



#32

1,1,1-Trichloroethane

Concen: 18.644 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

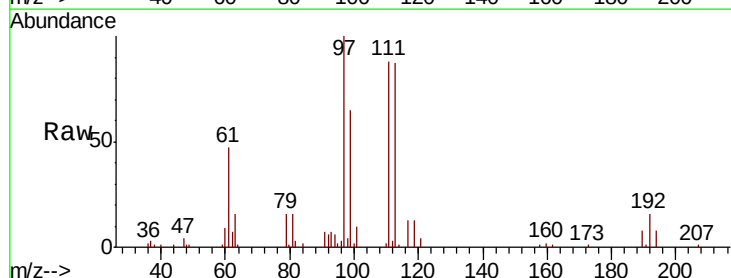
Tgt Ion: 97 Resp: 70299

Ion Ratio Lower Upper

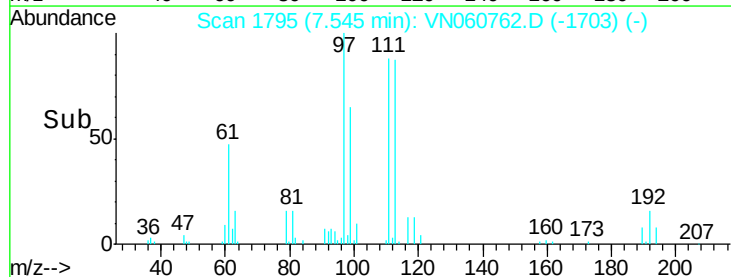
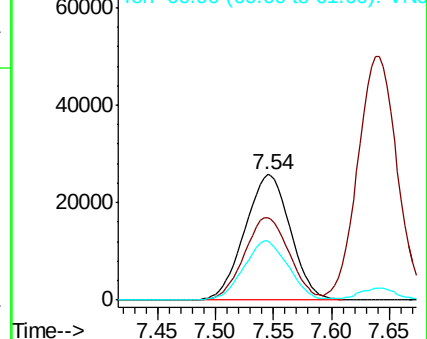
97 100

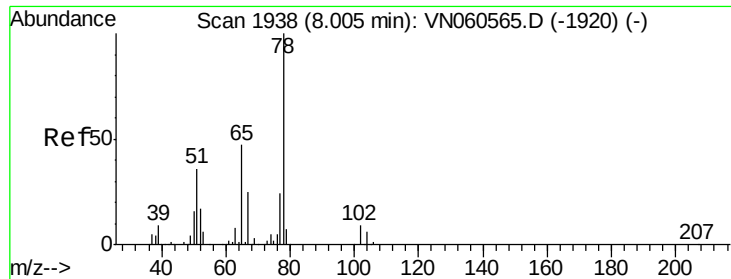
99 65.0 50.6 75.8

61 46.0 36.2 54.4



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

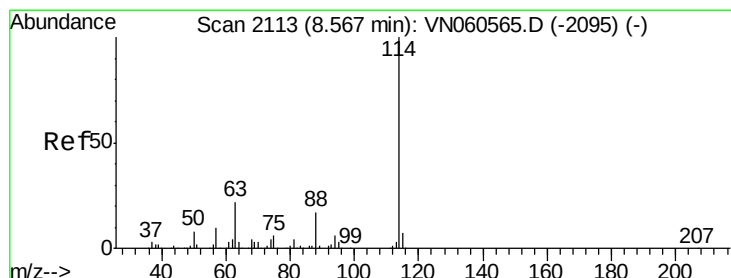
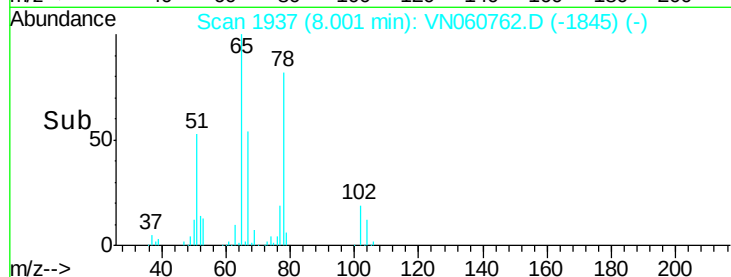
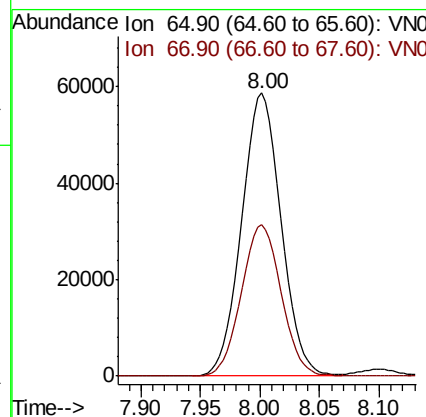
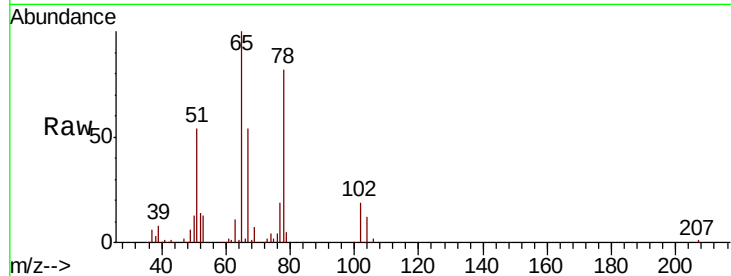




#33
 1,2-Dichloroethane-d4
 Concen: 47.319 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

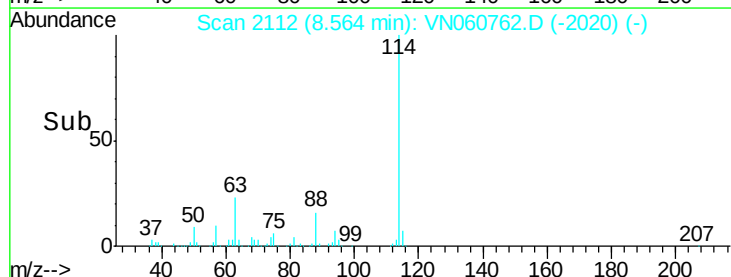
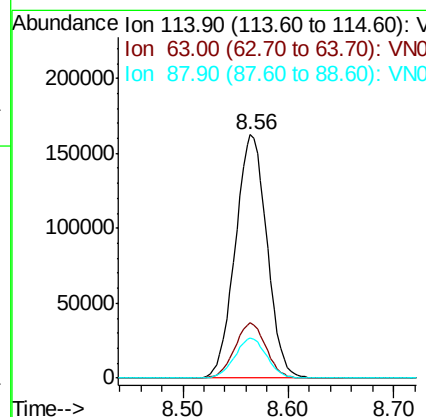
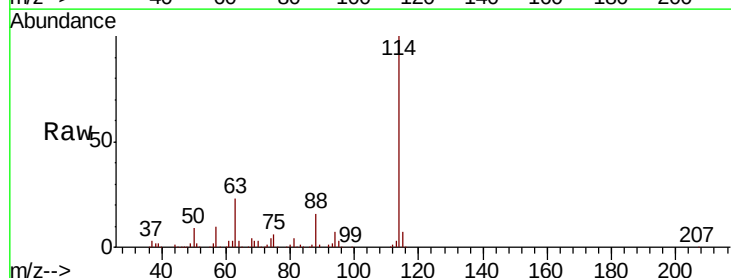
Instrument :
 MSVOA_N
 ClientSampleId :

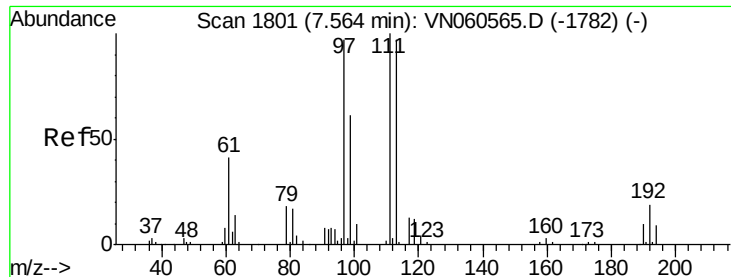
Tot Ion: 65 Resp: 135135
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion: 114 Resp: 337521
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 16.4 0.0 33.0

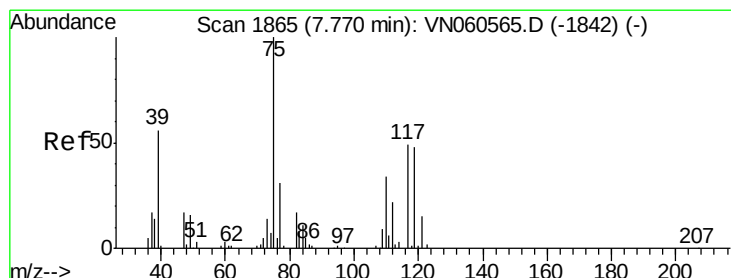
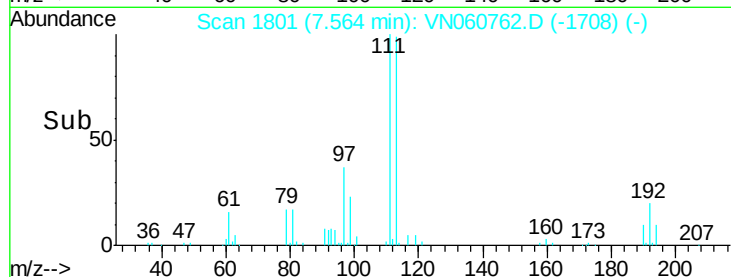
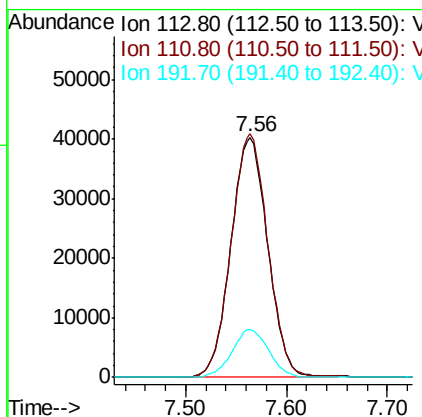
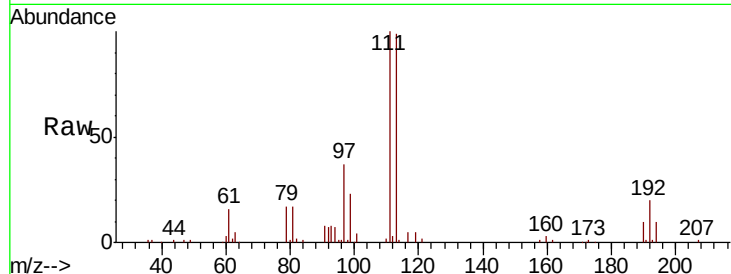




#35
 Dibromofluoromethane
 Concen: 50.082 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

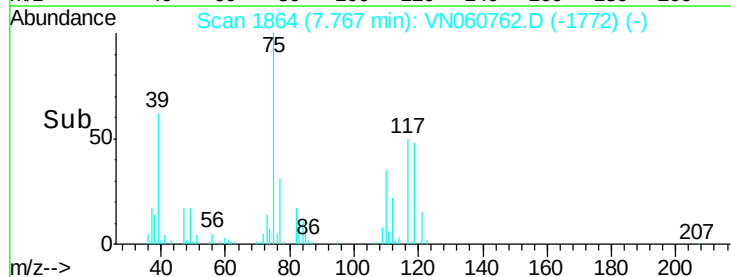
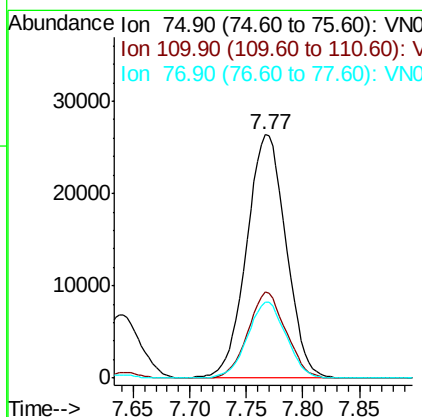
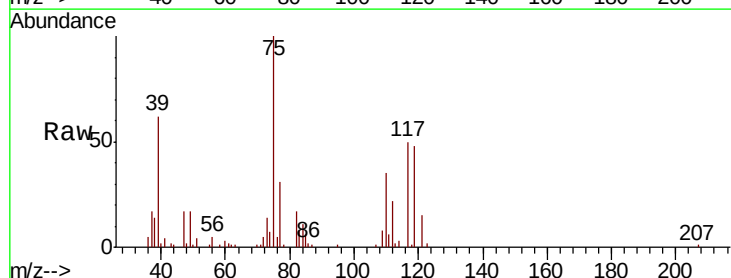
Instrument :
 MSVOA_N
 ClientSampled :

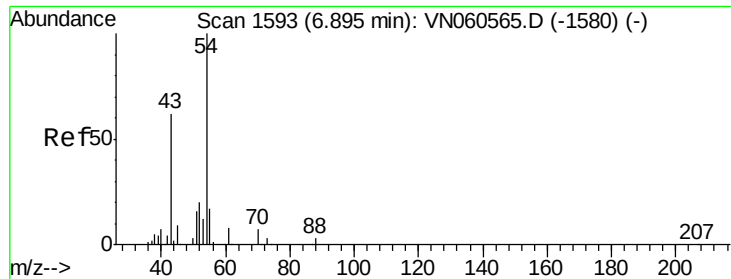
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.9	124.3
192	19.9	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 19.594 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	30.5	24.6	36.8

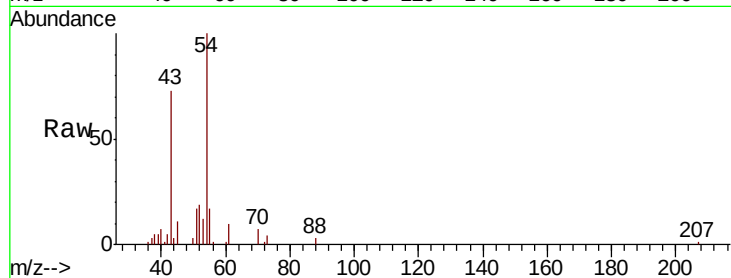




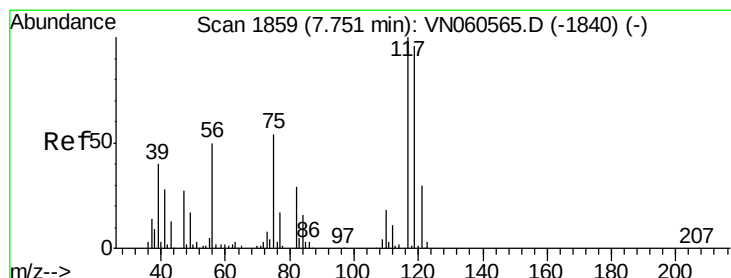
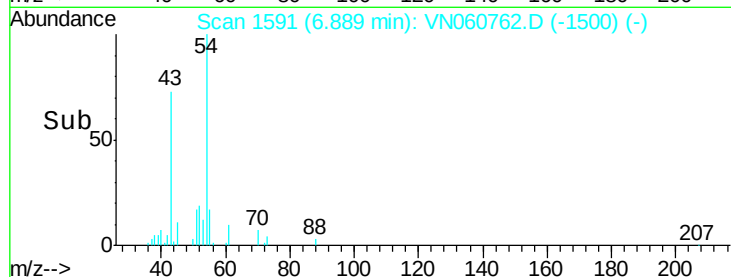
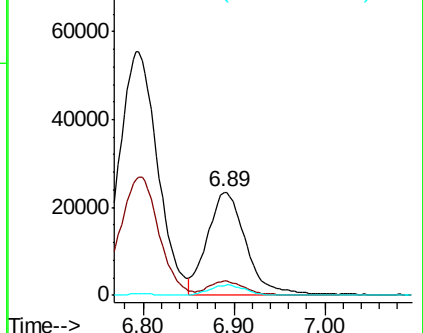
#37
Ethyl Acetate
Concen: 19.321 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 68231
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 9.2 7.9 11.9

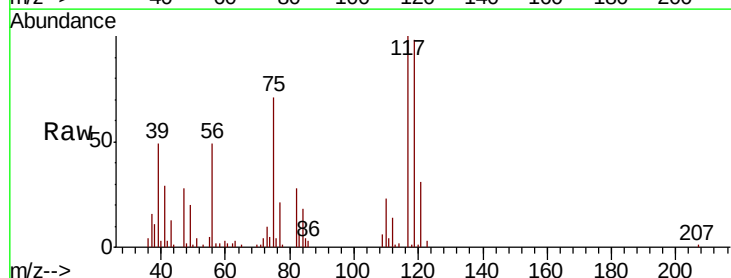


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

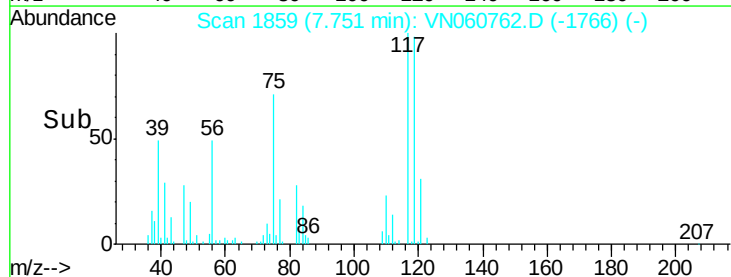
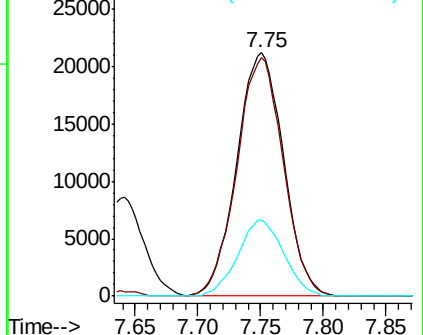


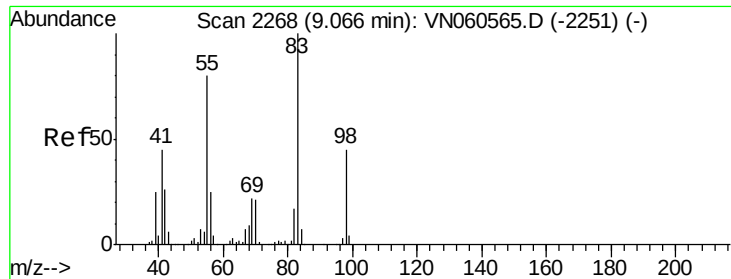
#38
Carbon Tetrachloride
Concen: 18.697 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion: 117 Resp: 54767
Ion Ratio Lower Upper
117 100
119 98.0 76.2 114.2
121 31.2 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

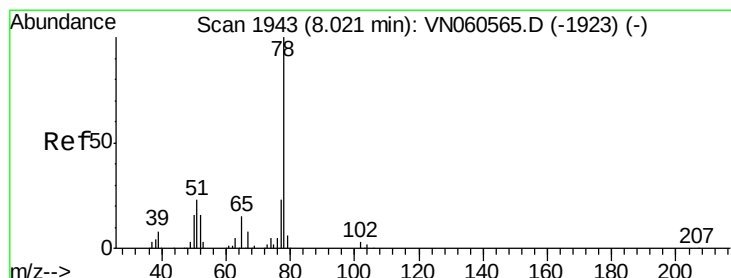
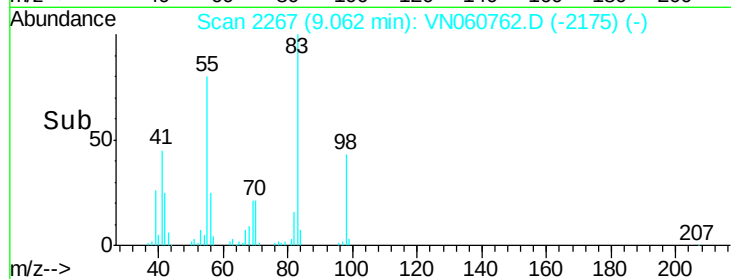
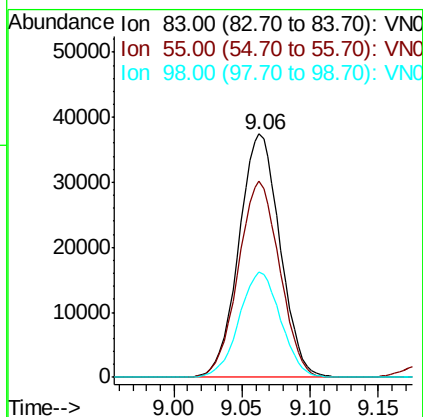
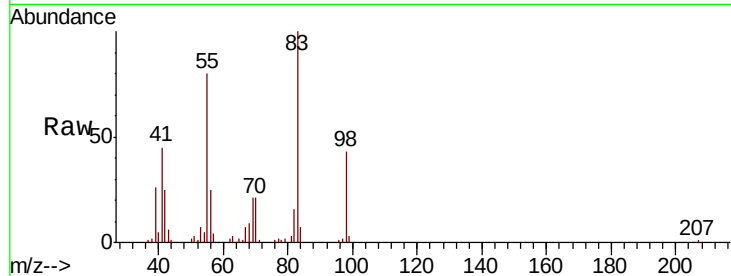




#39
Methylvlcyclohexane
Concen: 20.137 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

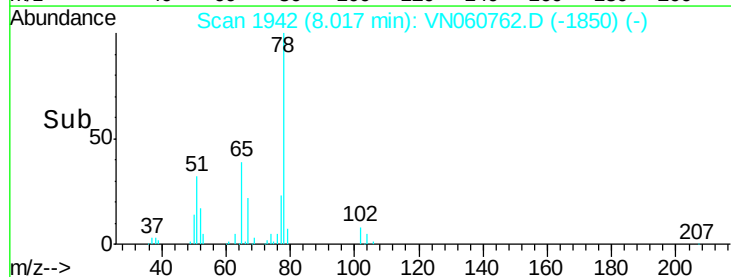
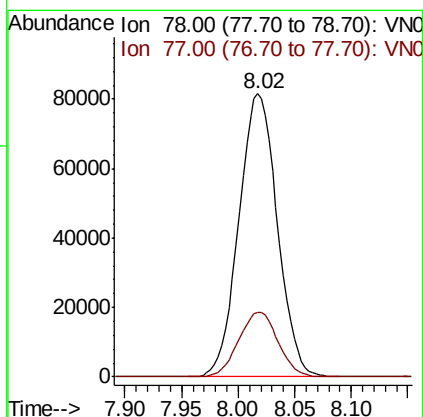
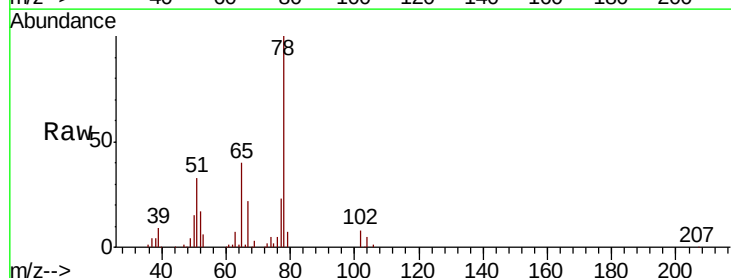
Instrument :
MSVOA_N
ClientSampled :

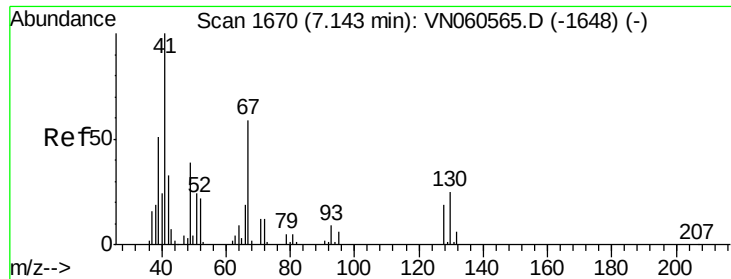
Tot Ion: 83 Resp: 78210
Ion Ratio Lower Upper
83 100
55 80.4 63.6 95.4
98 43.4 36.0 54.0



#40
Benzene
Concen: 19.576 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion: 78 Resp: 193142
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

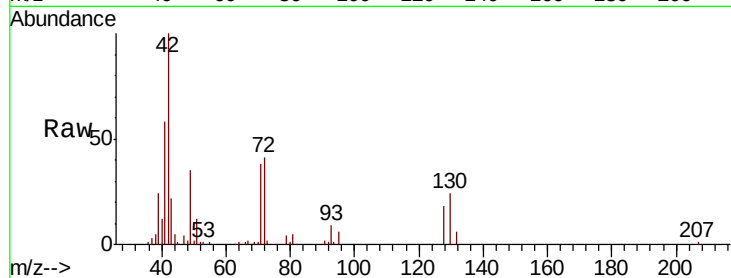




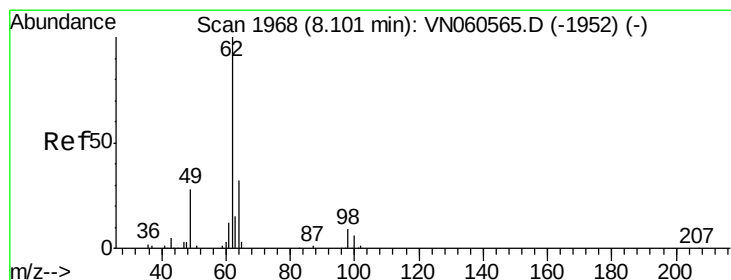
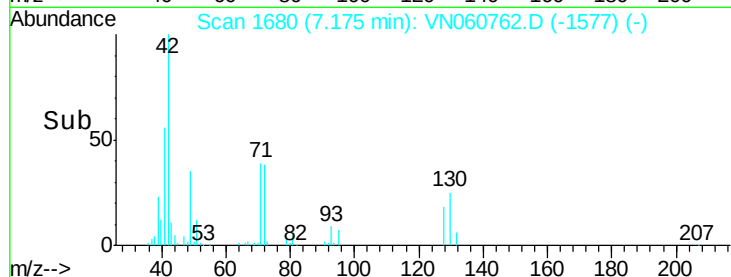
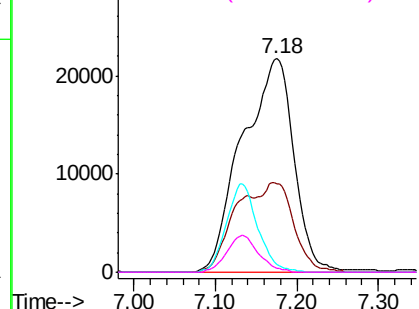
#41
Methacrylonitrile
Concen: 63.453 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	95630
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

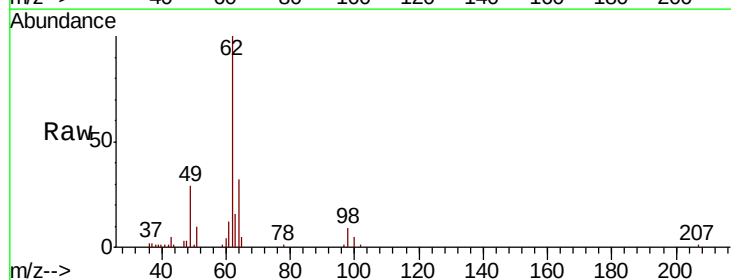


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

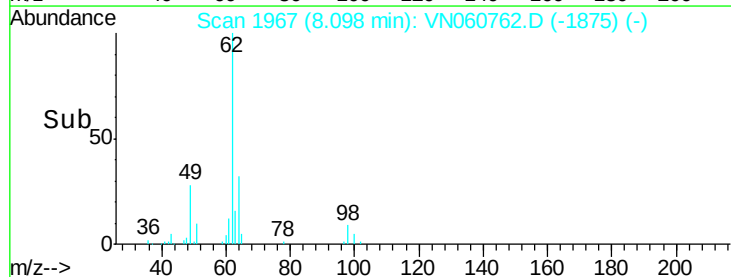
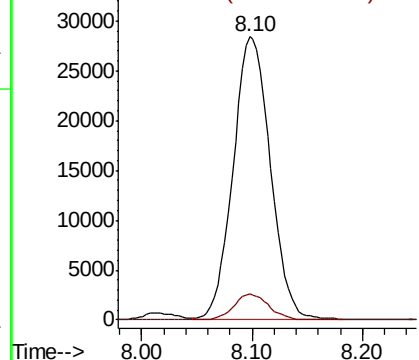


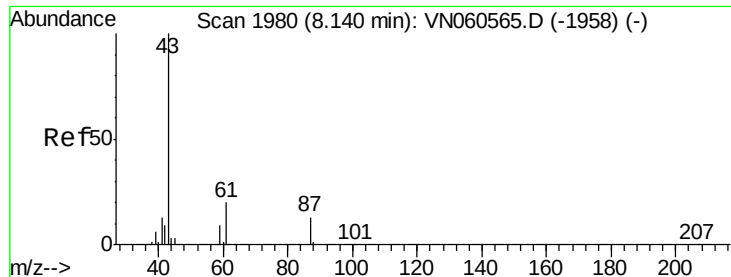
#42
1,2-Dichloroethane
Concen: 19.747 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion:	62	Resp:	66583
Ion	Ratio	Lower	Upper
62	100		
98	8.5	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: 19.385 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

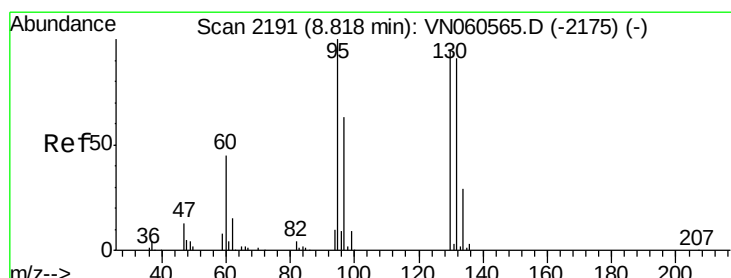
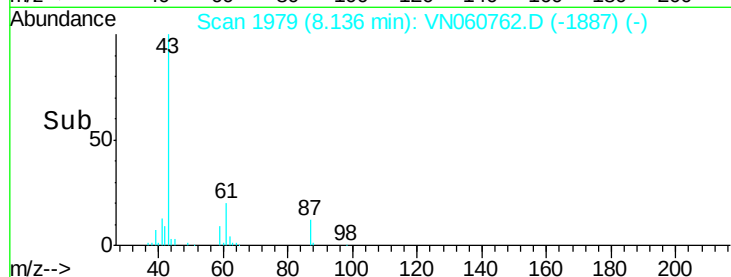
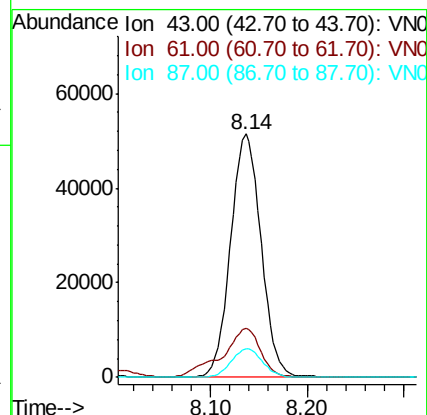
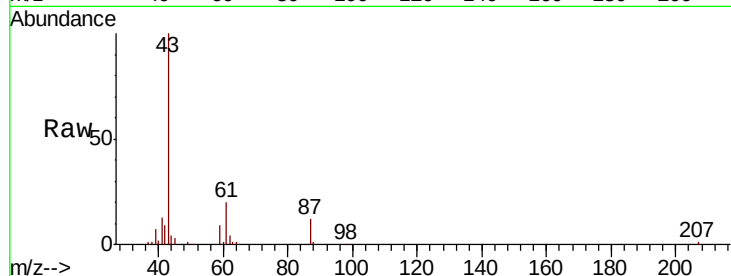
Tot Ion: 43 Resp: 112900

Ion Ratio Lower Upper

43 100

61 25.5 20.7 31.1

87 11.9 9.8 14.8



#44

Trichloroethene

Concen: 19.601 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060762.D

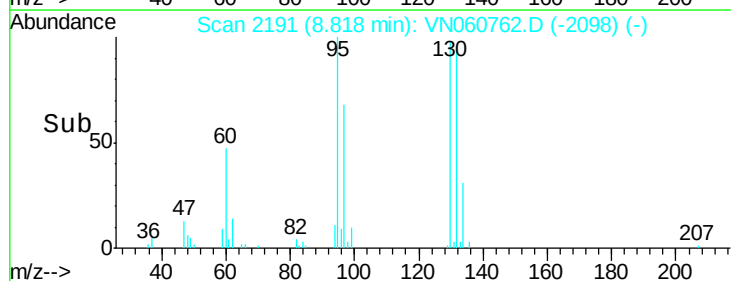
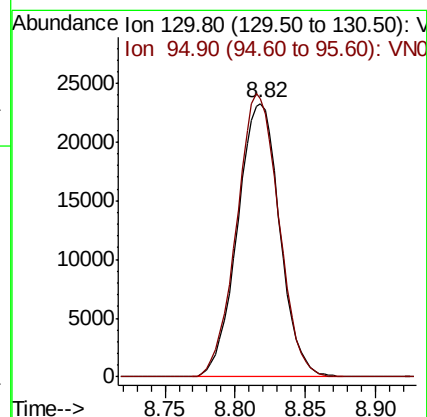
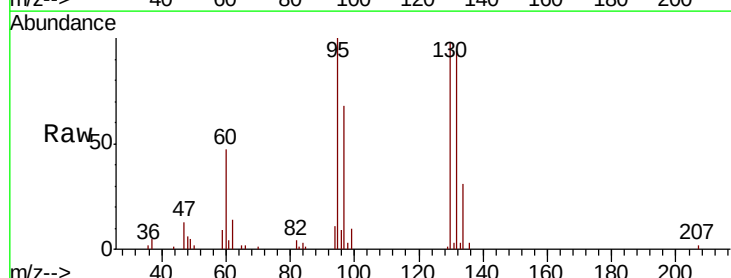
Acq: 30 Mar 2020 11:52

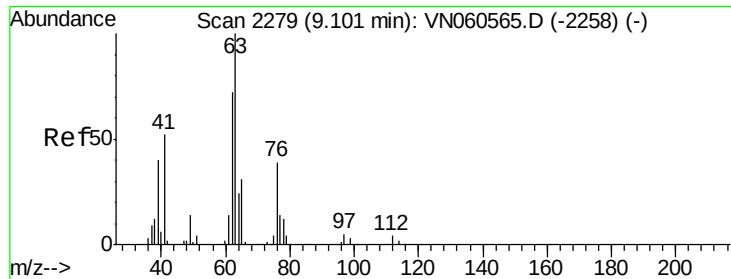
Tgt Ion:130 Resp: 48750

Ion Ratio Lower Upper

130 100

95 101.5 0.0 211.2

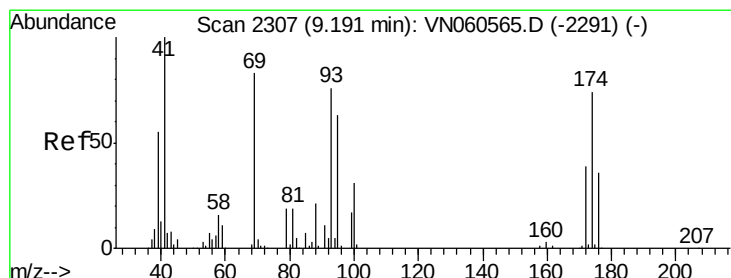
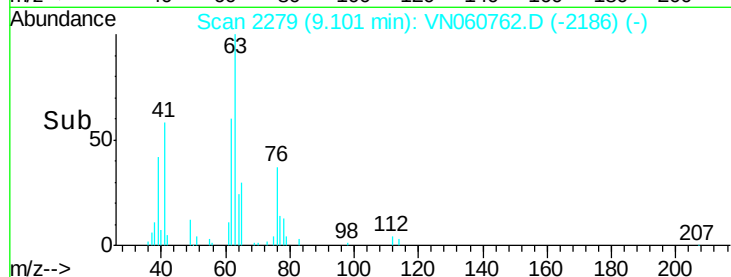
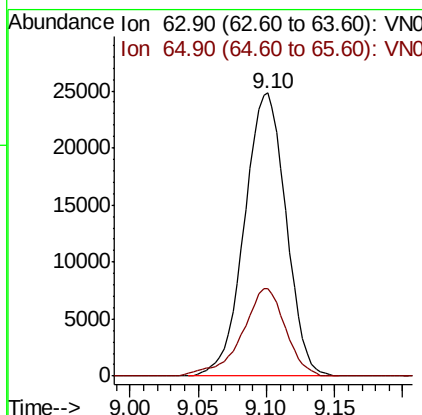
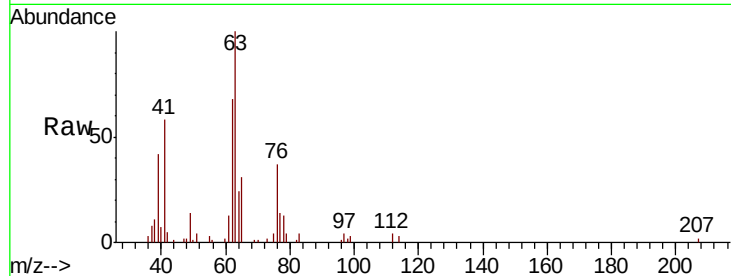




#45
 1,2-Dichloropropane
 Concen: 20.123 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

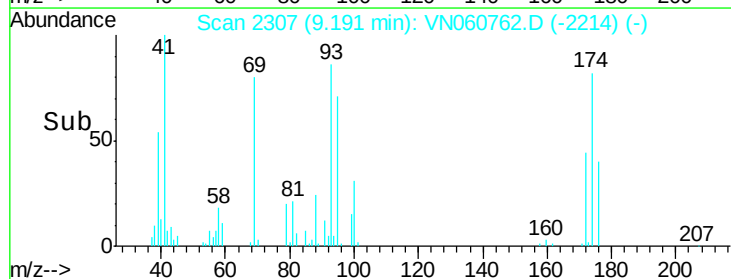
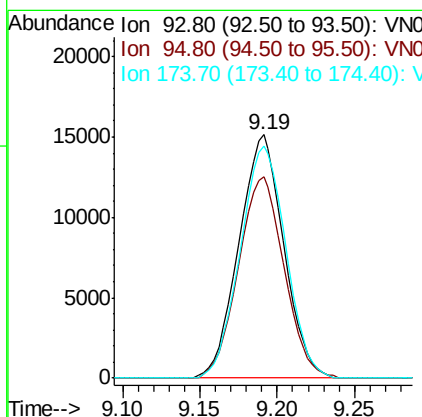
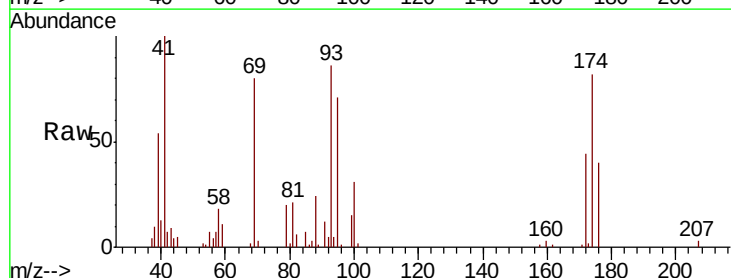
Instrument :
 MSVOA_N
 ClientSampled :

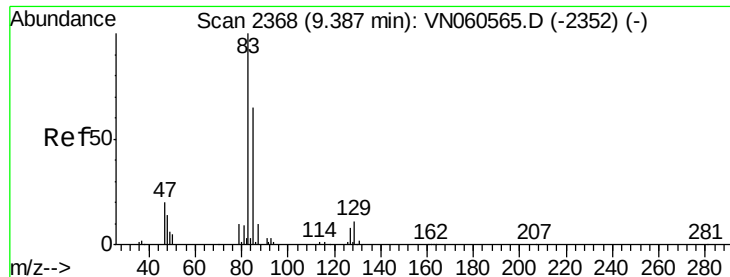
Tot Ion: 63 Resp: 52388
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.4 38.0



#46
 Dibromomethane
 Concen: 19.373 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion: 93 Resp: 30491
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.2 99.4
 174 97.3 77.9 116.9





#47

Bromodichloromethane

Concen: 19.449 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

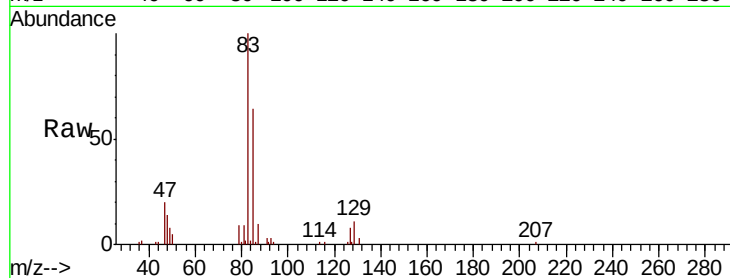
Tot Ion: 83 Resp: 63609

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6

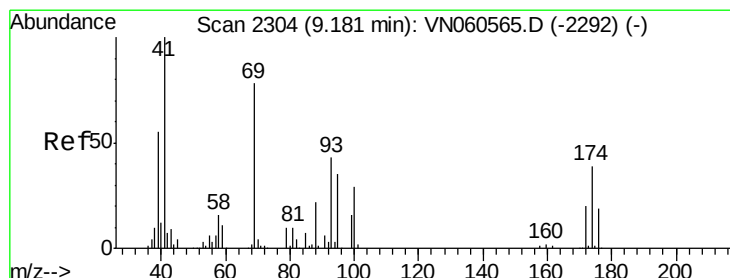
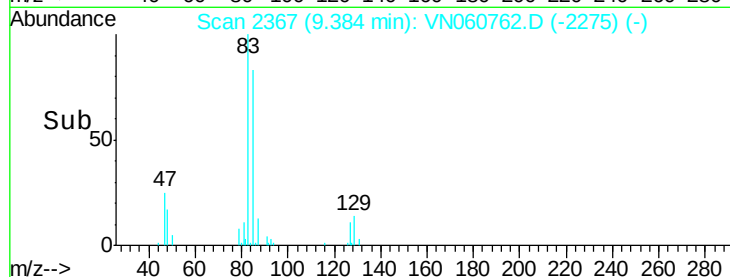
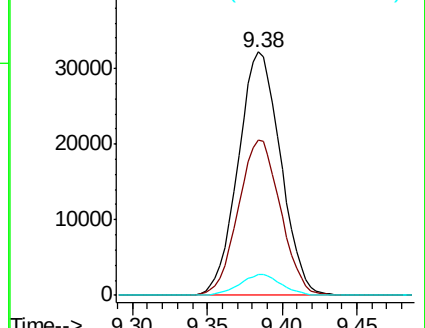
127 8.4 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060762.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060762.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060762.D (-2275) (-)



#48

Methyl methacrylate

Concen: 18.695 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

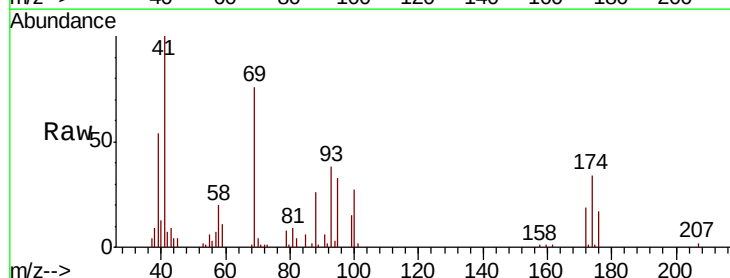
Tgt Ion: 41 Resp: 48476

Ion Ratio Lower Upper

41 100

69 81.4 65.4 98.0

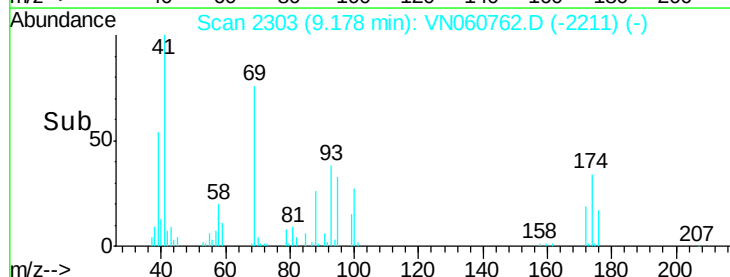
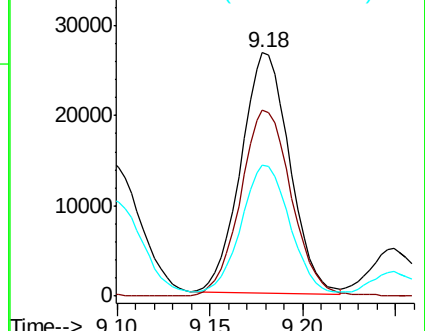
39 56.6 44.0 66.0

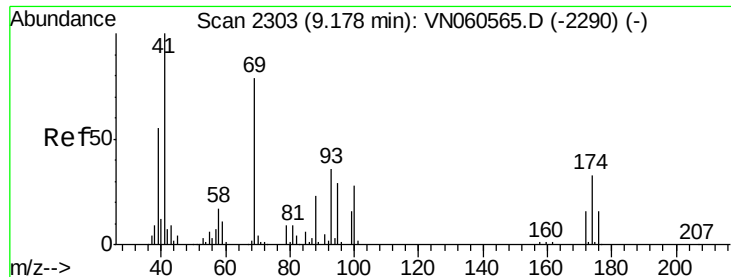


Abundance Ion 41.00 (40.70 to 41.70): VN060762.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060762.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060762.D (-2211) (-)

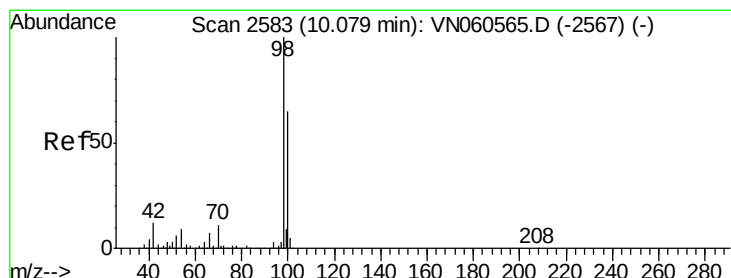
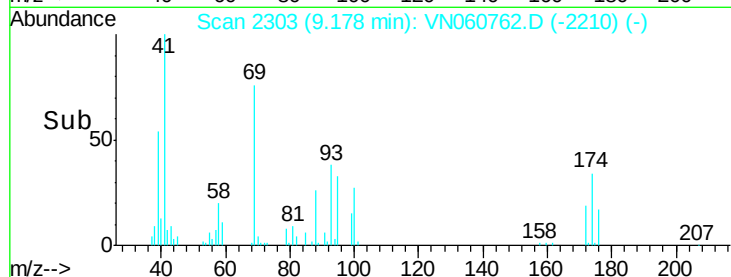
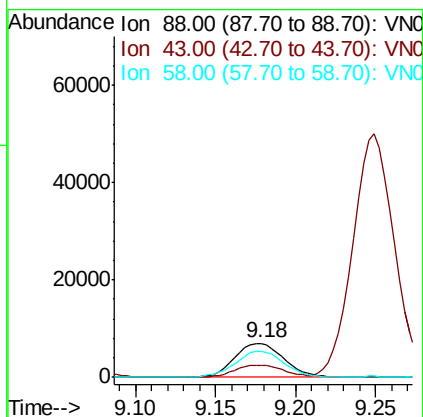
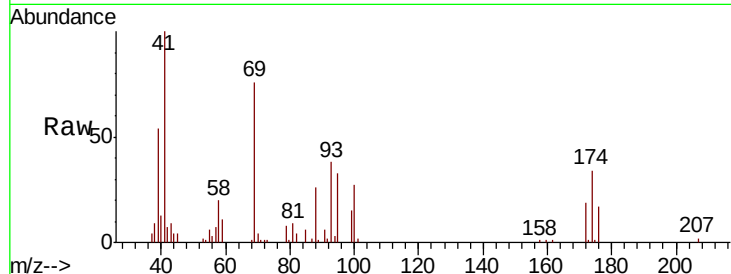




#49
 1,4-Dioxane
 Concen: 476.625 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

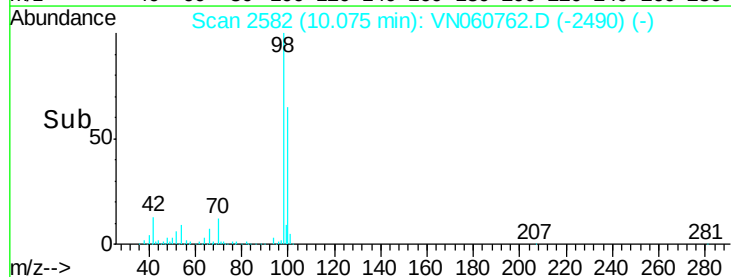
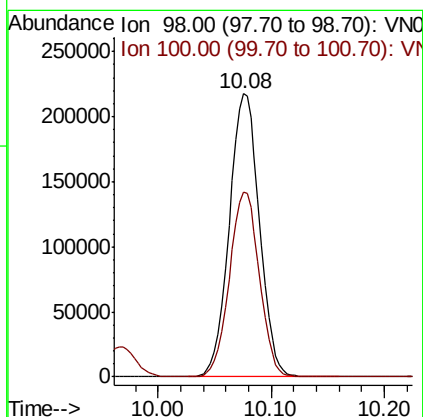
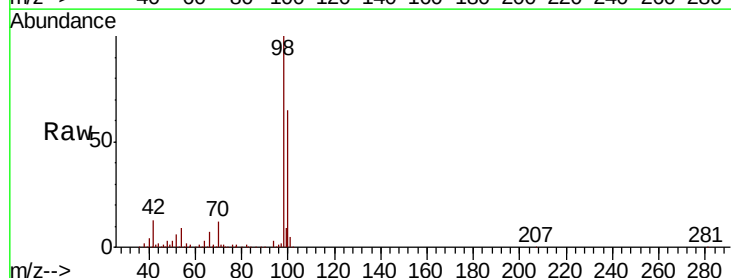
Instrument :
 MSVOA_N
 ClientSampleId :

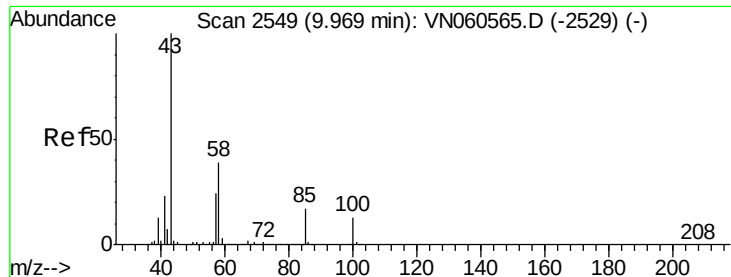
Tot Ion: 88 Resp: 14690
 Ion Ratio Lower Upper
 88 100
 43 36.2 30.8 46.2
 58 76.0 59.8 89.8



#50
 Toluene-d8
 Concen: 48.268 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion: 98 Resp: 402376
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8

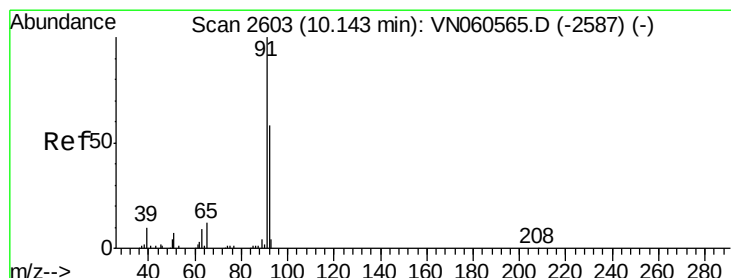
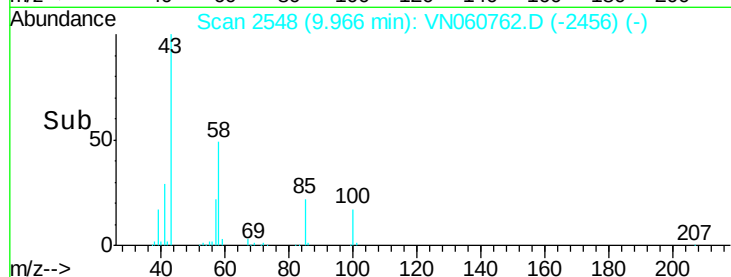
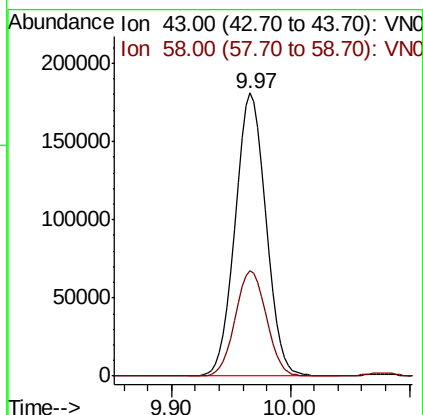
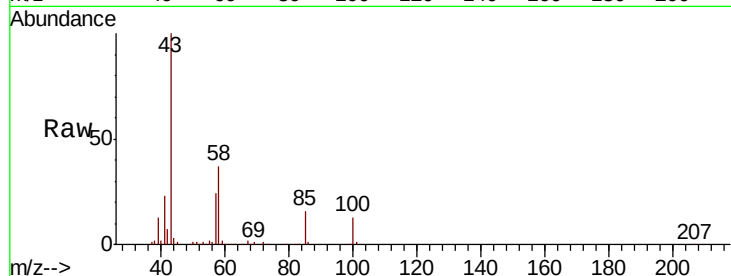




#51
4-Methyl-2-Pentanone
Concen: 98.079 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

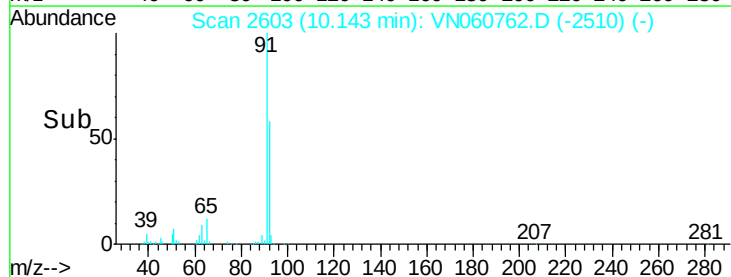
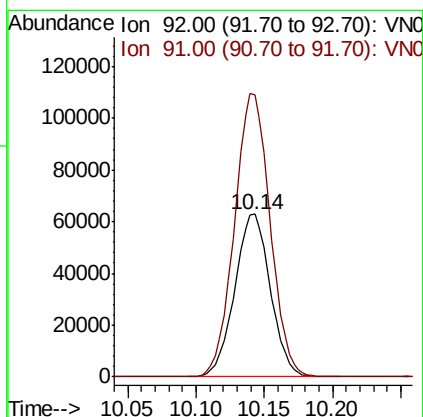
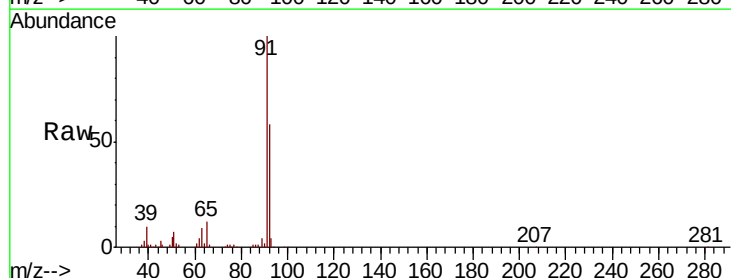
Instrument :
MSVOA_N
ClientSampled :

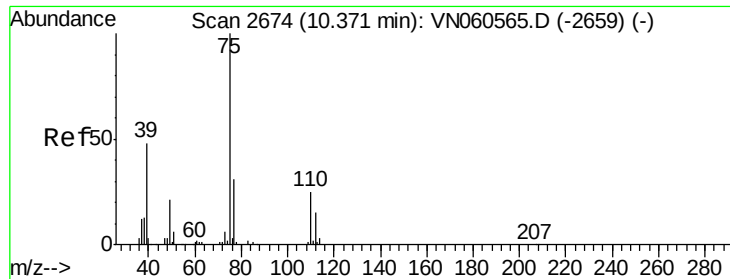
Tot Ion: 43 Resp: 325044
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2



#52
Toluene
Concen: 19.110 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion: 92 Resp: 113863
Ion Ratio Lower Upper
92 100
91 174.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.064 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

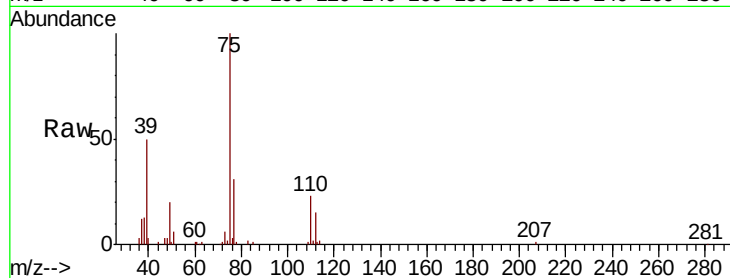
ClientSampleId :

Tot Ion: 75 Resp: 75376

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

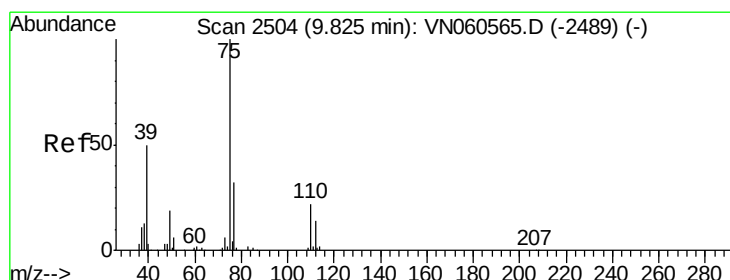
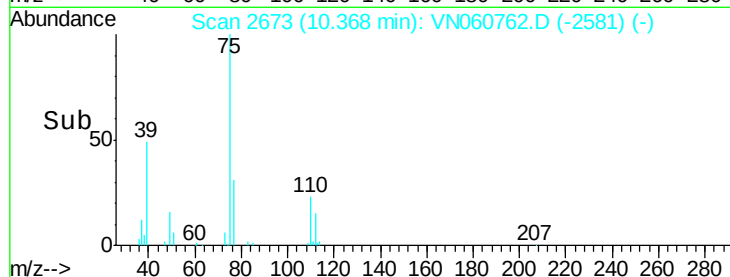


Abundance Ion 74.90 (74.60 to 75.60): VN060762.D (-2581) (-)

Ion 76.90 (76.60 to 77.60): VN060762.D (-2581) (-)

10.37

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.578 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

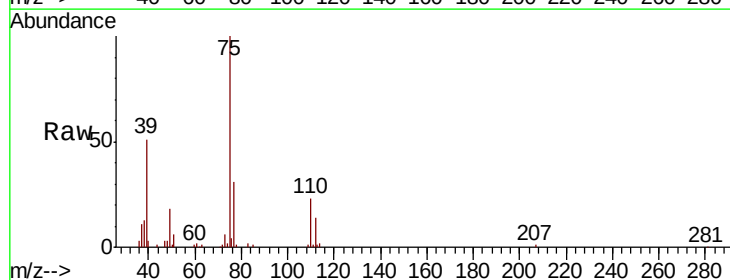
Tgt Ion: 75 Resp: 80688

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 51.4 40.2 60.4



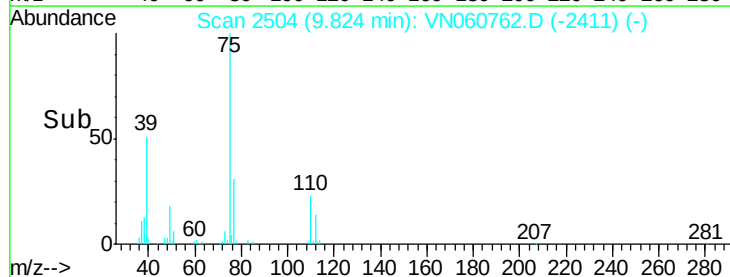
Abundance Ion 74.90 (74.60 to 75.60): VN060762.D (-2411) (-)

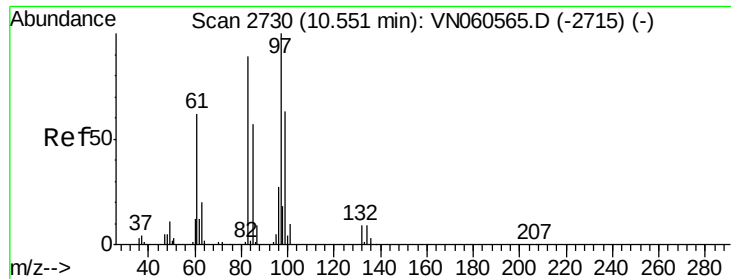
Ion 76.90 (76.60 to 77.60): VN060762.D (-2411) (-)

Ion 39.00 (38.70 to 39.70): VN060762.D (-2411) (-)

9.82

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.587 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 44900

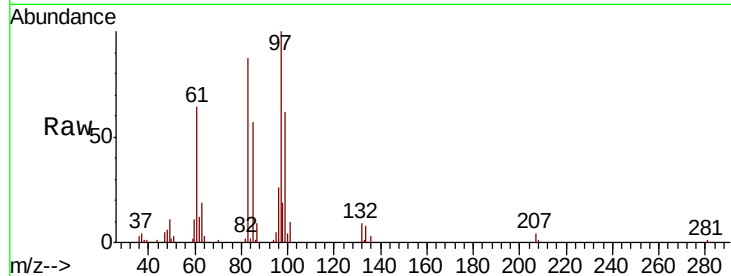
Ion Ratio Lower Upper

97 100

83 87.4 71.3 106.9

85 56.7 45.2 67.8

99 62.2 50.1 75.1

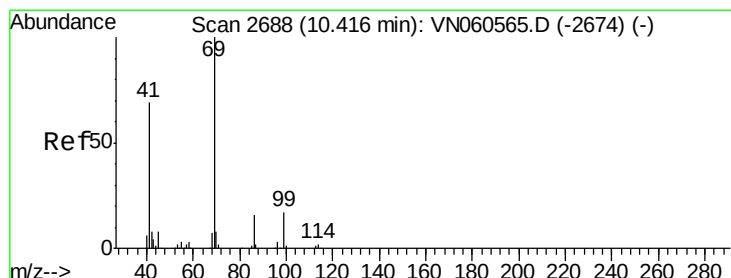
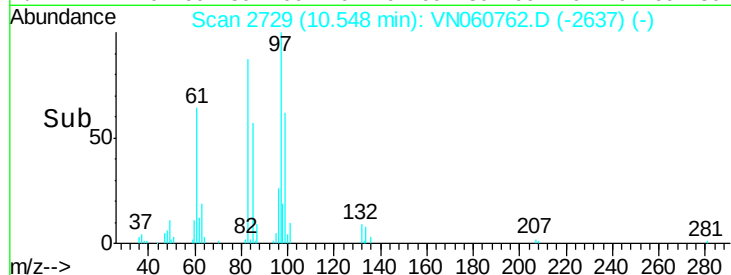
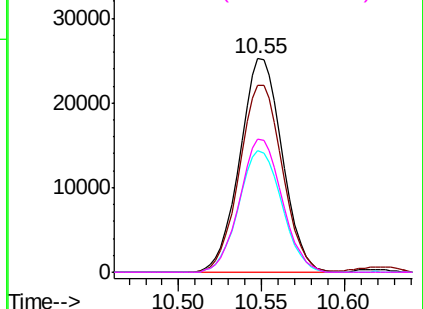


Abundance Ion 96.90 (96.60 to 97.60): VN060762.D (-2637) (-)

Ion 82.90 (82.60 to 83.60): VN060762.D (-2637) (-)

Ion 84.90 (84.60 to 85.60): VN060762.D (-2637) (-)

Ion 98.90 (98.60 to 99.60): VN060762.D (-2637) (-)



#56

Ethyl methacrylate

Concen: 18.622 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

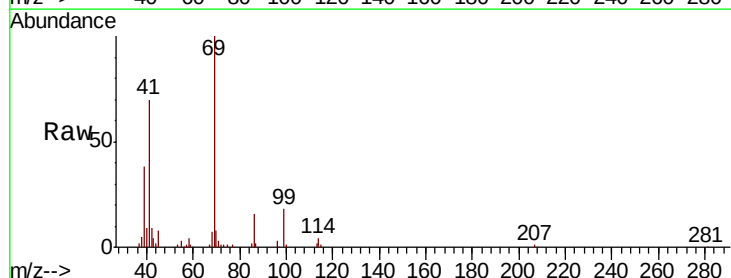
Tgt Ion: 69 Resp: 66558

Ion Ratio Lower Upper

69 100

41 71.3 55.4 83.2

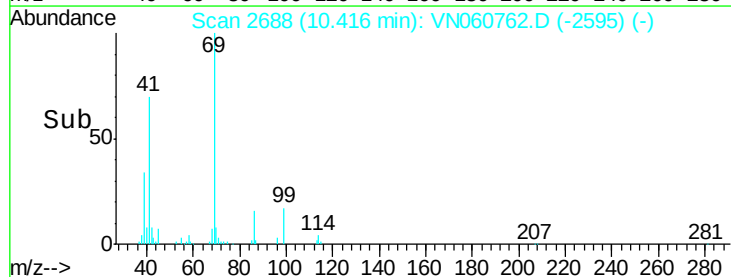
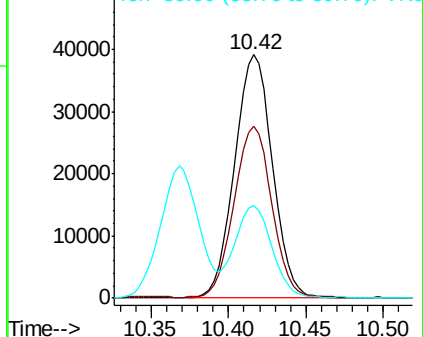
39 37.6 29.4 44.0

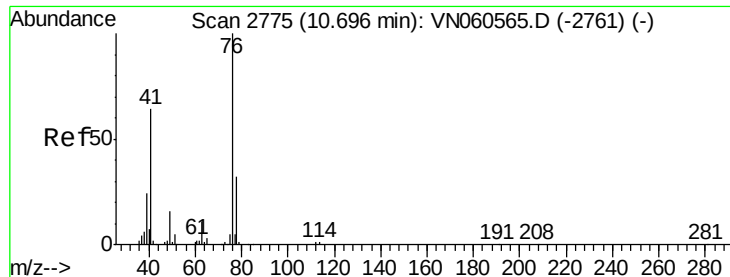


Abundance Ion 69.00 (68.70 to 69.70): VN060762.D (-2595) (-)

Ion 41.00 (40.70 to 41.70): VN060762.D (-2595) (-)

Ion 39.00 (38.70 to 39.70): VN060762.D (-2595) (-)





#57

1,3-Dichloropropane

Concen: 19.494 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

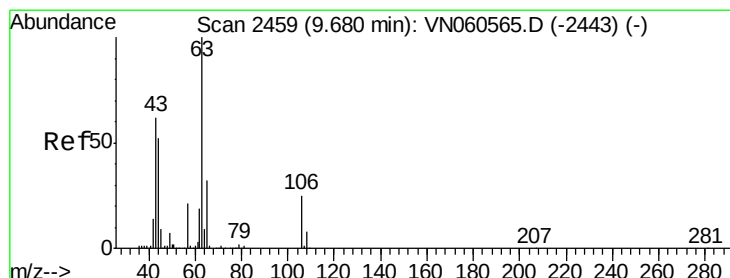
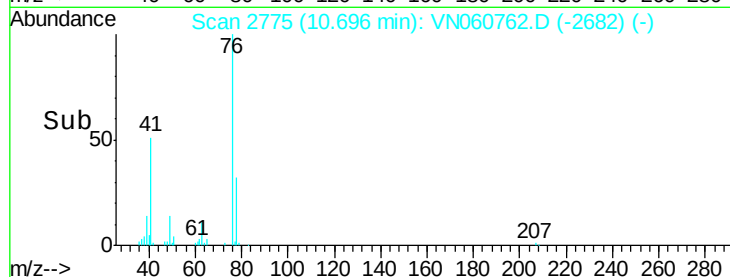
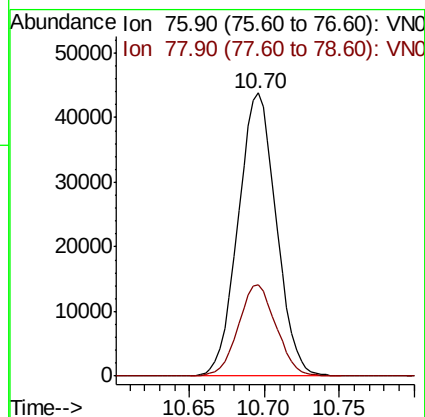
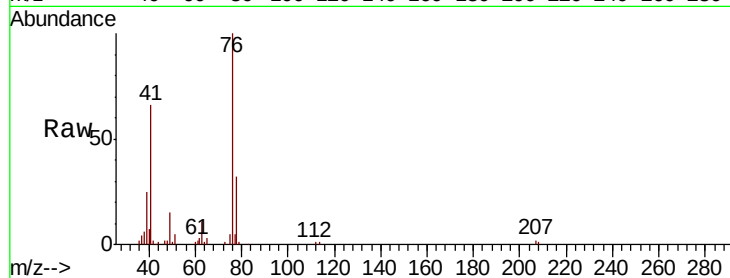
ClientSampleId :

Tot Ion: 76 Resp: 77545

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 87.482 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060762.D

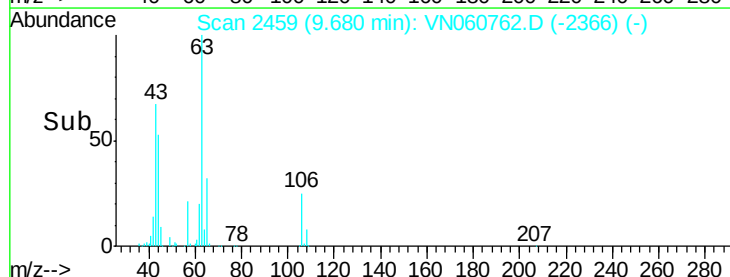
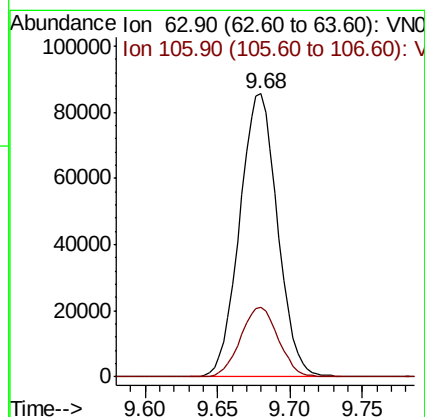
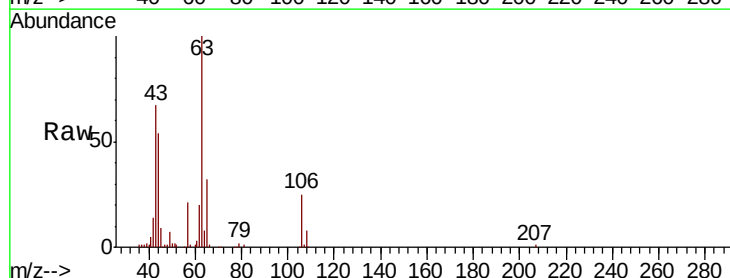
Acq: 30 Mar 2020 11:52

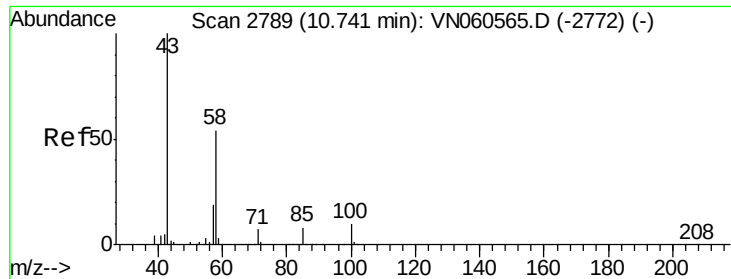
Tgt Ion: 63 Resp: 155405

Ion Ratio Lower Upper

63 100

106 24.6 20.0 30.0

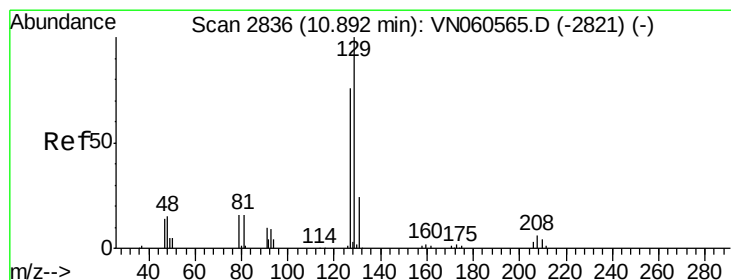
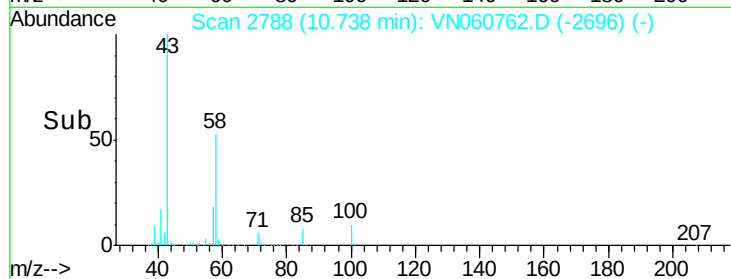
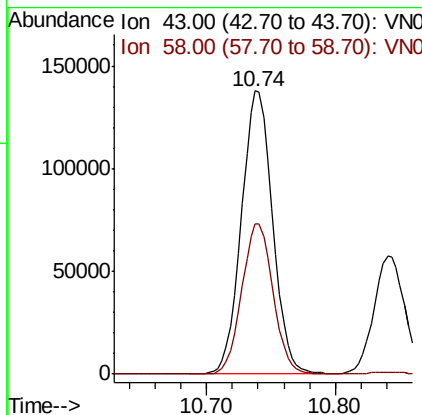
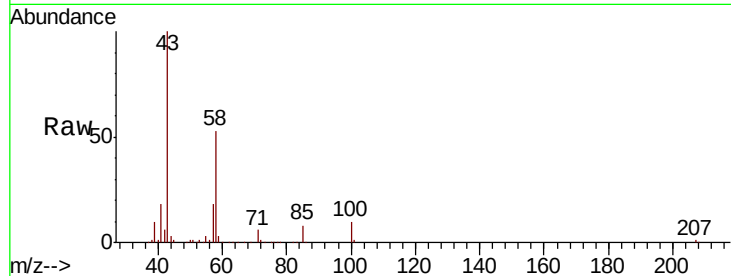




#59
2-Hexanone
Concen: 97.380 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

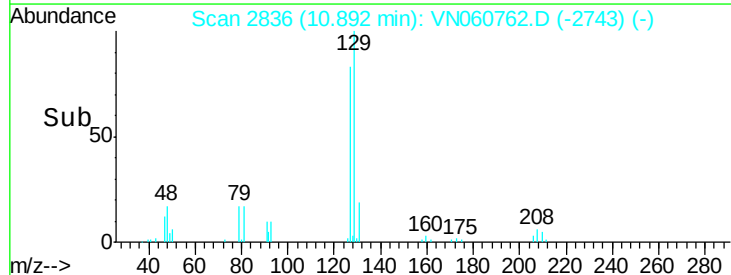
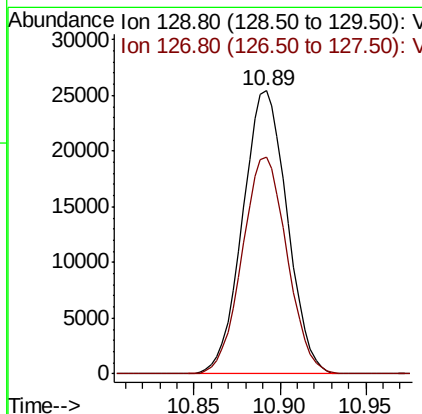
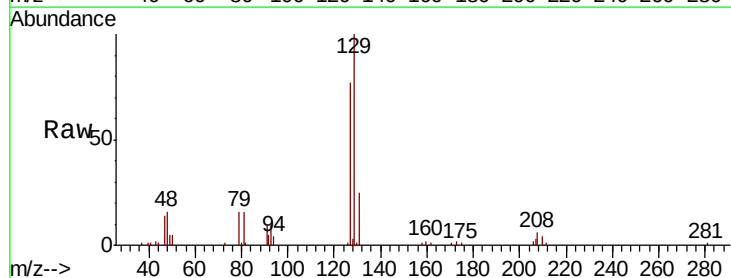
Instrument :
MSVOA_N
ClientSampleId :

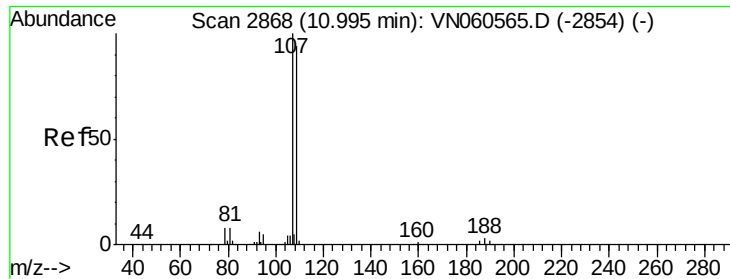
Tot Ion: 43 Resp: 232477
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.1



#60
Dibromochloromethane
Concen: 19.334 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion: 129 Resp: 45780
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

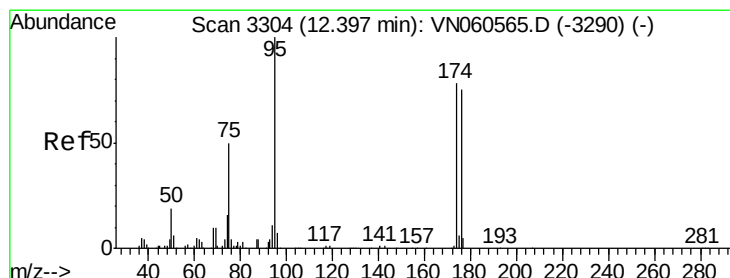
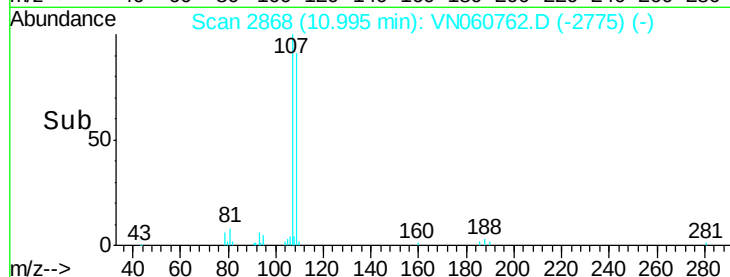
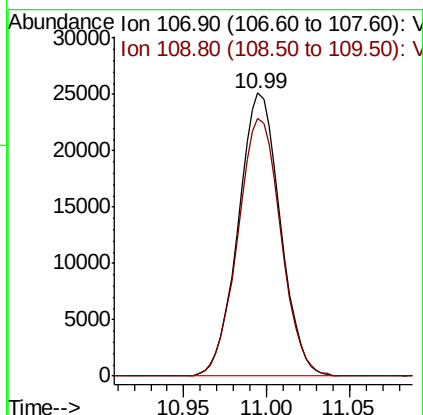
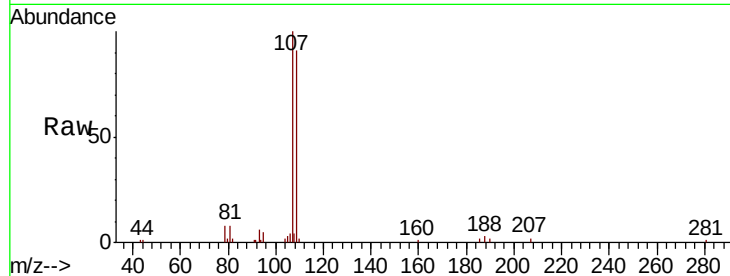




#61
 1,2-Dibromoethane
 Concen: 19.194 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

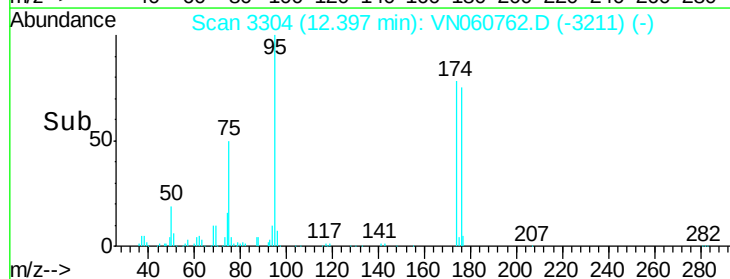
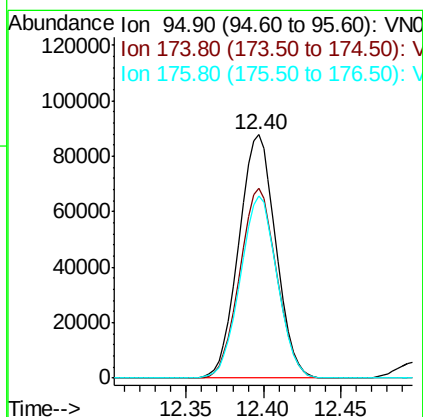
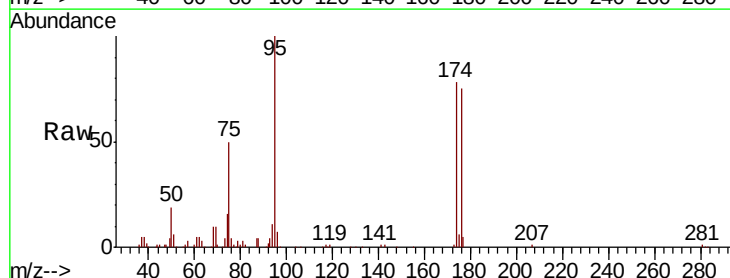
Instrument :
 MSVOA_N
 ClientSampleId :

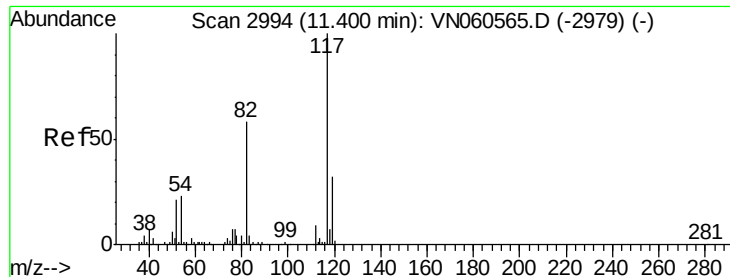
Tot Ion:107 Resp: 44242
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.831 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion: 95 Resp: 146129
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 157.6
 176 74.4 0.0 150.6

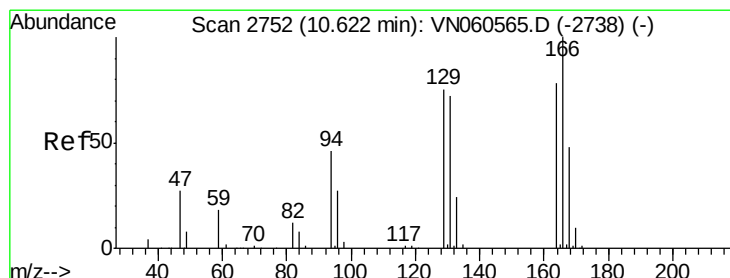
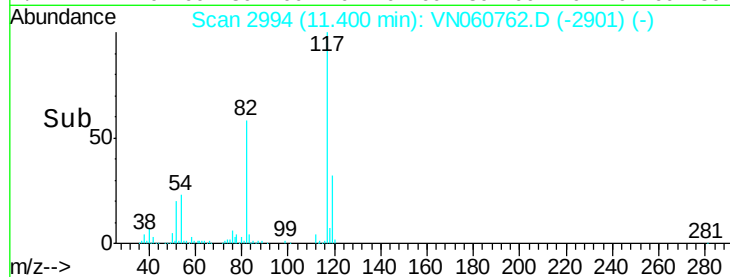
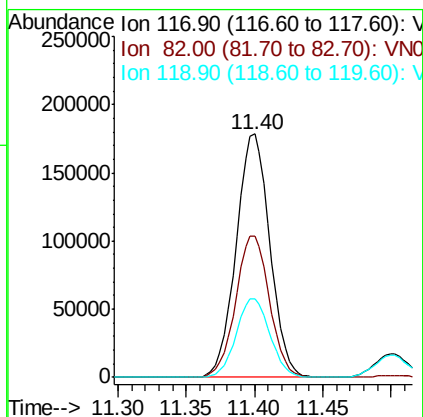
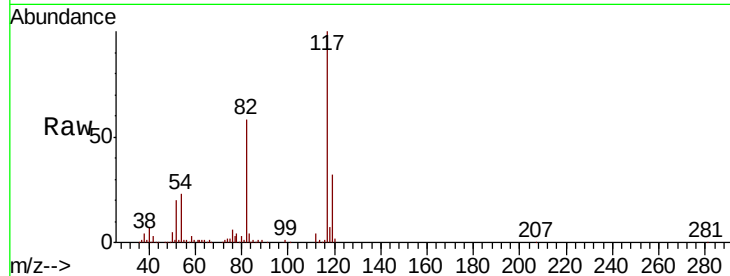




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

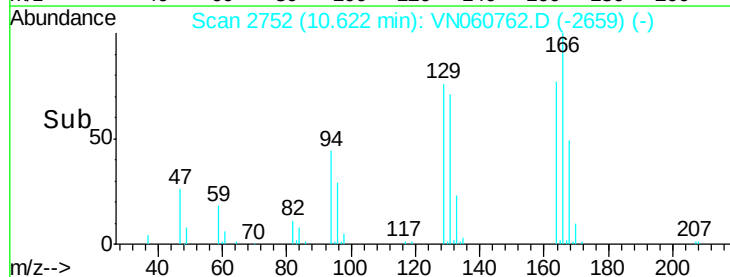
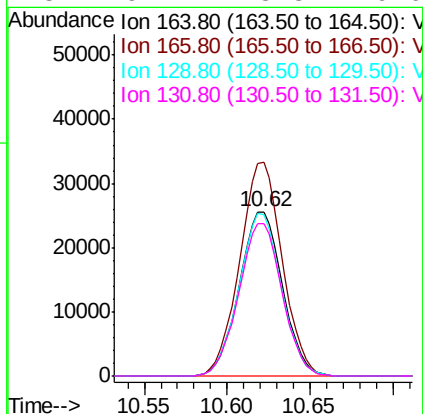
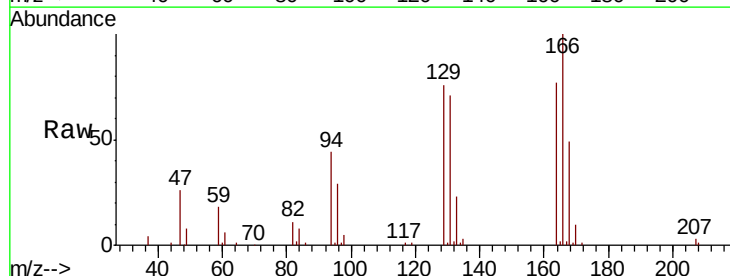
Instrument :
MSVOA_N
ClientSampled :

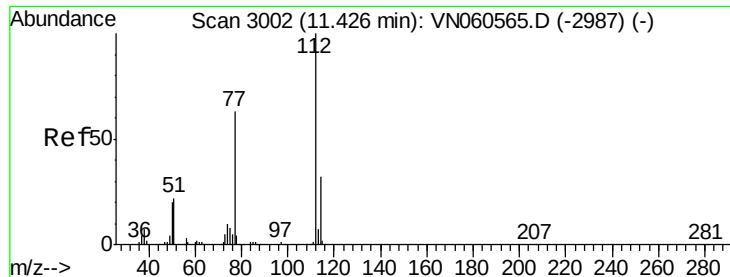
Tot Ion:117 Resp: 306591
Ion Ratio Lower Upper
117 100
82 58.1 46.7 70.1
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 19.123 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion:164 Resp: 46136
Ion Ratio Lower Upper
164 100
166 130.1 102.7 154.1
129 98.7 77.2 115.8
131 92.7 73.8 110.6

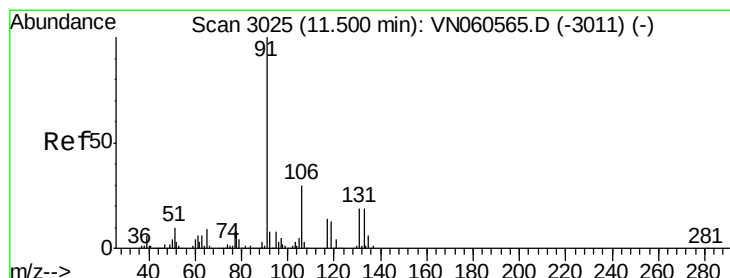
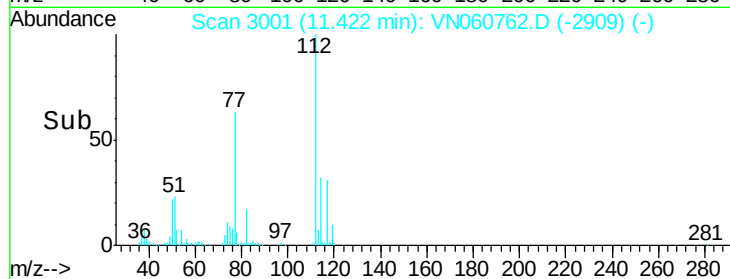
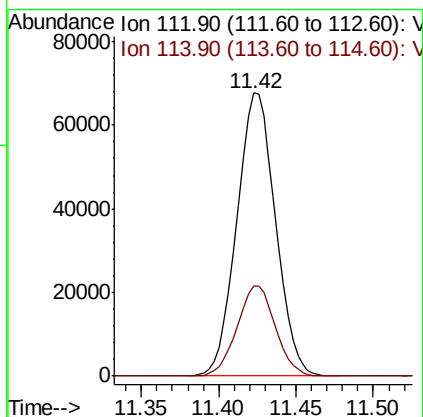
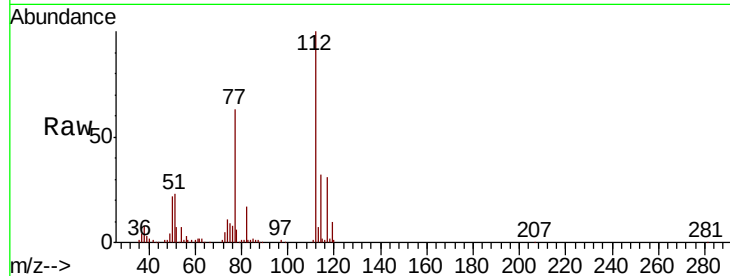




#65
Chlorobenzene
Concen: 19.370 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

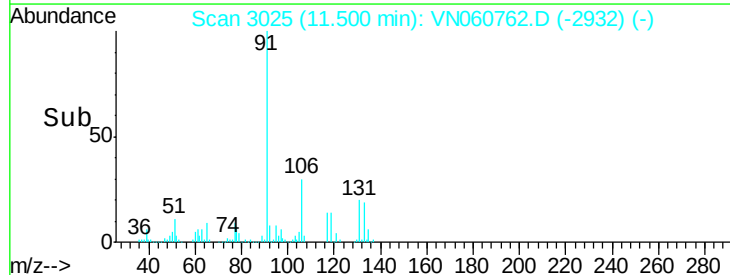
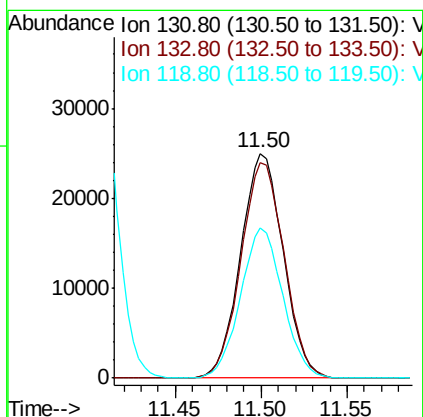
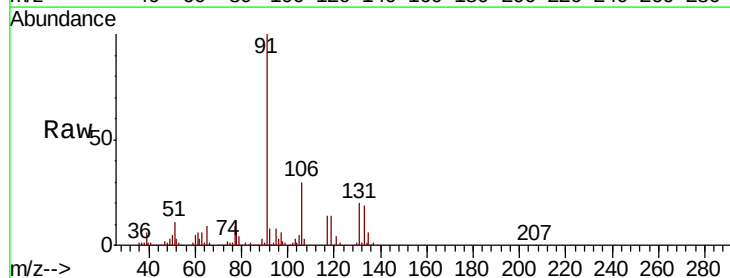
Instrument :
MSVOA_N
ClientSampled :

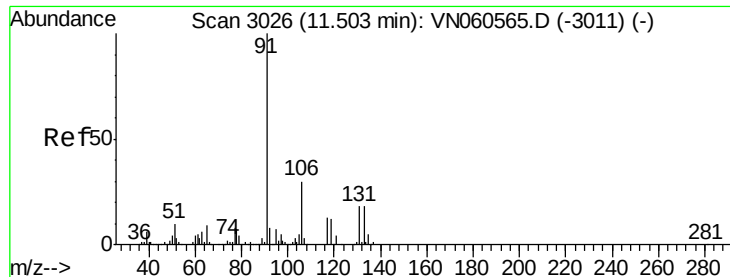
Tot Ion:112 Resp: 117729
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.488 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion:131 Resp: 42886
Ion Ratio Lower Upper
131 100
133 97.3 48.9 146.8
119 66.3 33.9 101.7





#67

Ethyl Benzene

Concen: 19.380 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

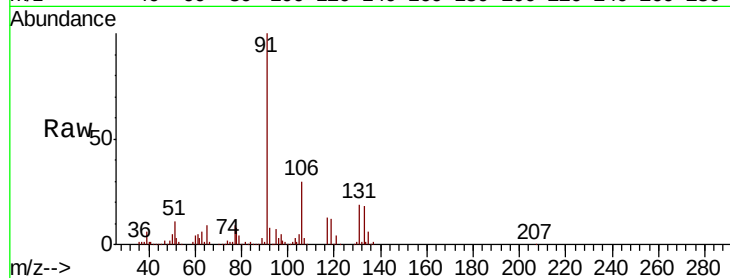
ClientSampleId :

Tot Ion: 91 Resp: 219050

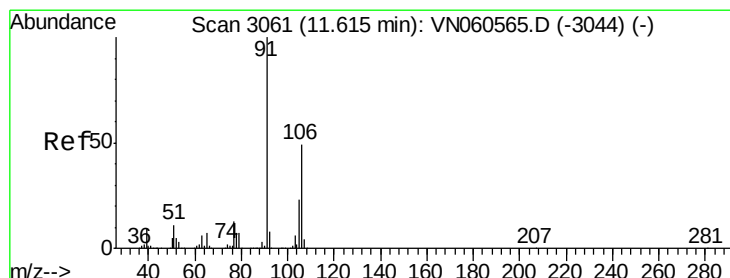
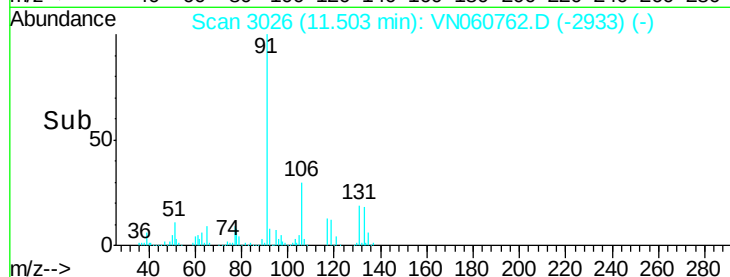
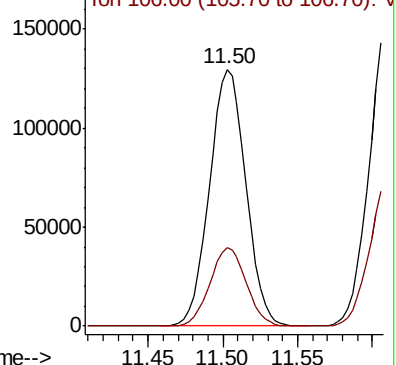
Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060762.D (-2933) (-)



#68

m/p-Xylenes

Concen: 38.253 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060762.D

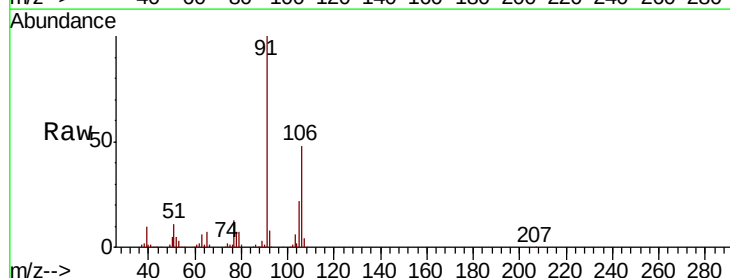
Acq: 30 Mar 2020 11:52

Tgt Ion: 106 Resp: 160669

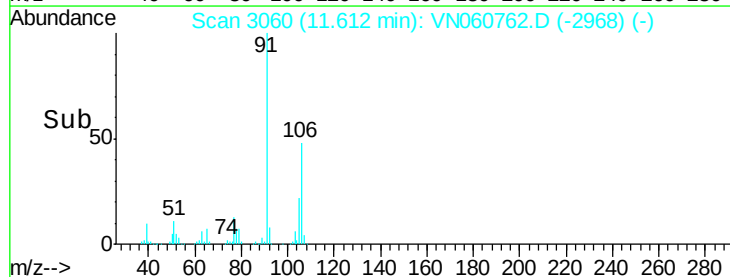
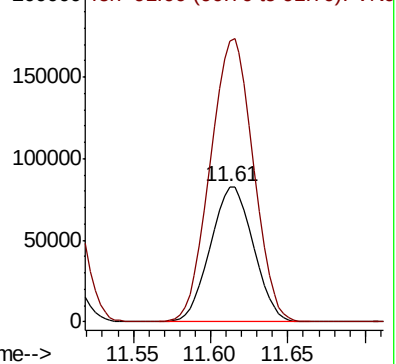
Ion Ratio Lower Upper

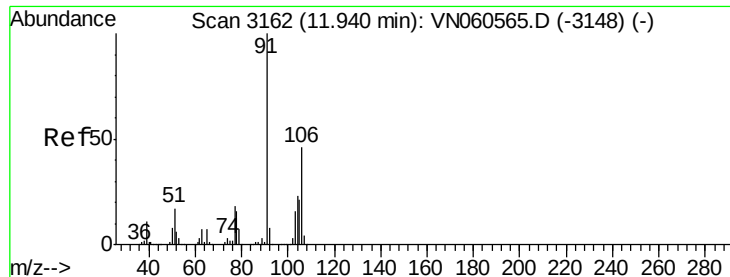
106 100

91 209.1 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060762.D (-2968) (-)

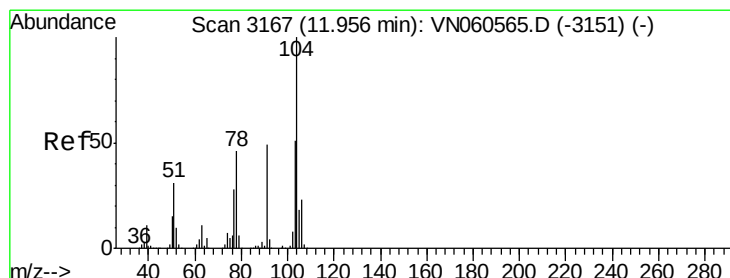
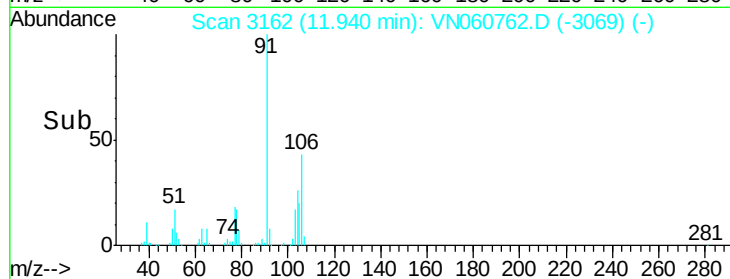
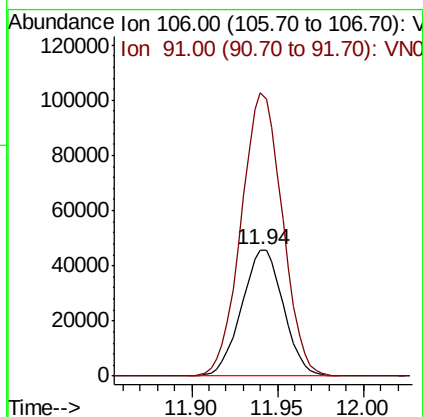
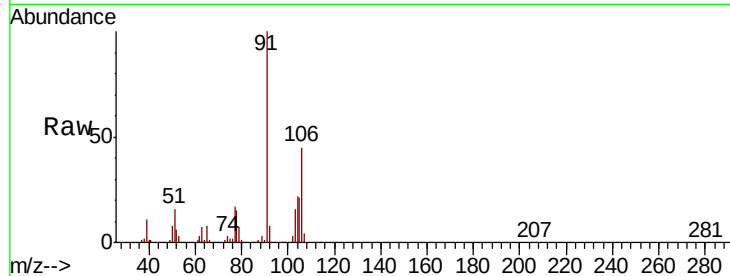




#69
o-Xylene
Concen: 19.186 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

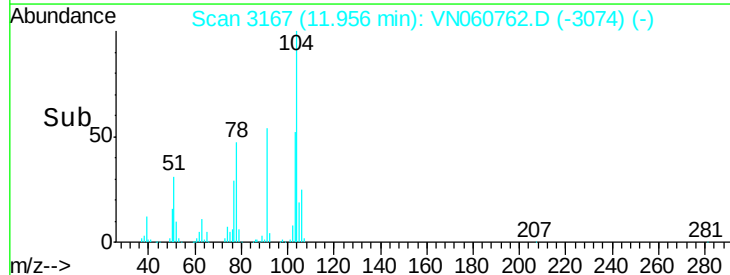
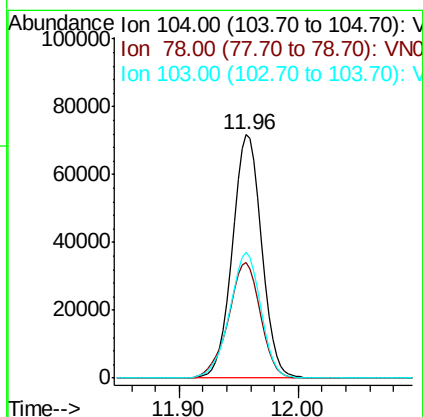
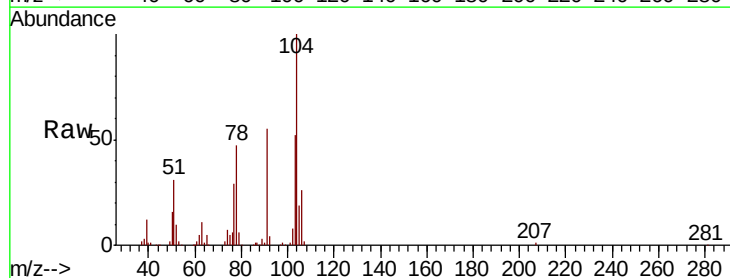
Instrument :
MSVOA_N
ClientSampled :

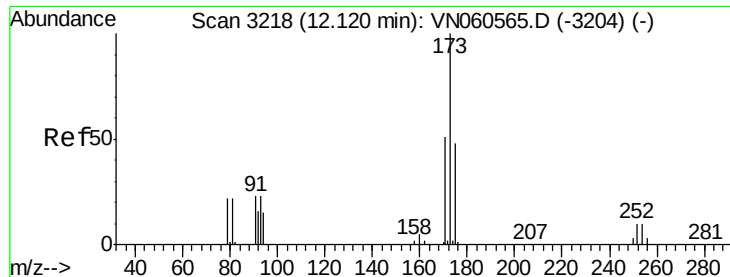
Tot Ion:106 Resp: 76929
Ion Ratio Lower Upper
106 100
91 221.5 109.5 328.4



#70
Styrene
Concen: 18.687 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion:104 Resp: 122540
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 55.0 44.0 66.0

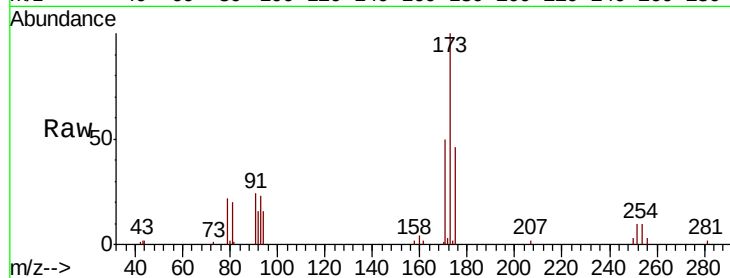




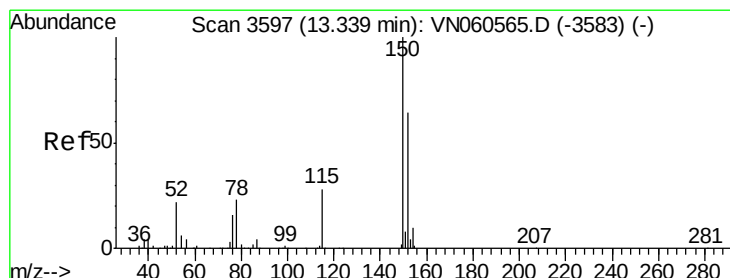
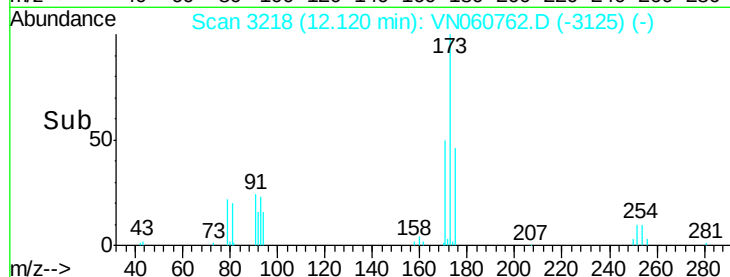
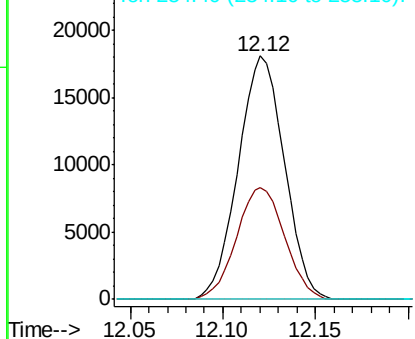
#71
Bromoform
Concen: 18.222 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 31306
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.0 0.0 0.0

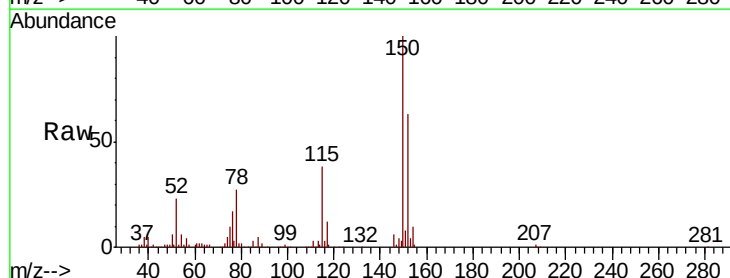


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

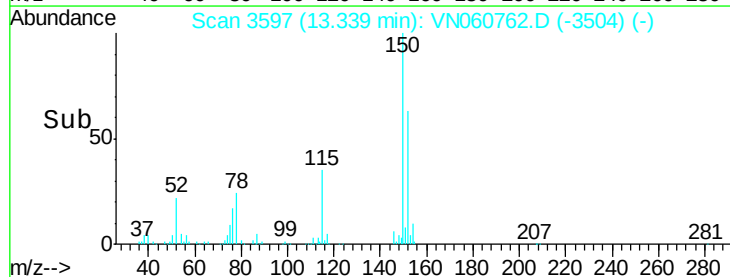
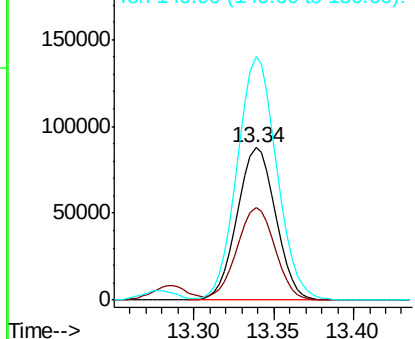


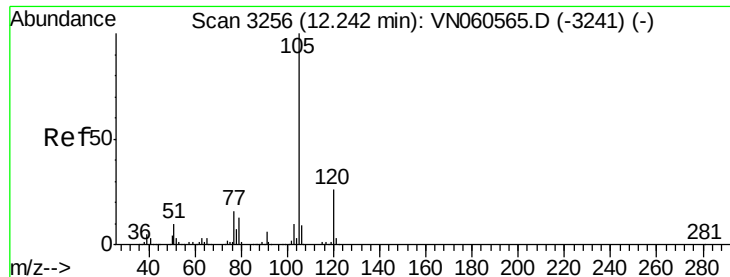
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion:152 Resp: 143368
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 164.5 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.551 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

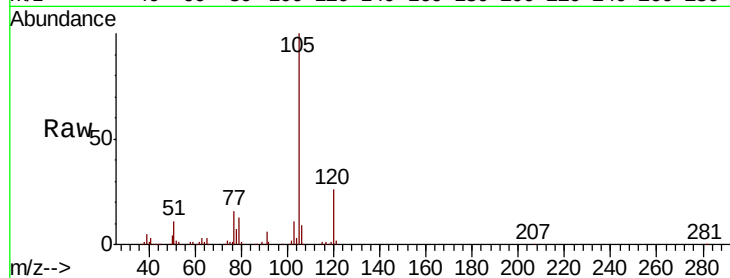
ClientSampled :

Tot Ion:105 Resp: 210355

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

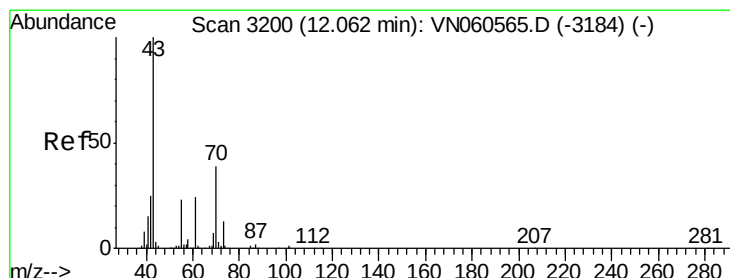
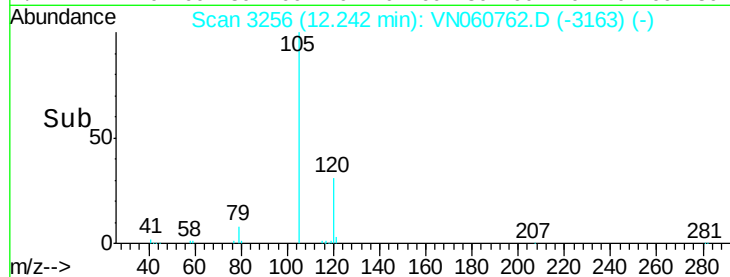
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.741 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Tgt Ion: 43 Resp: 93175

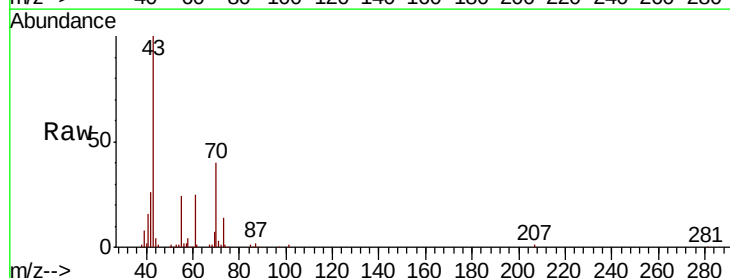
Ion Ratio Lower Upper

43 100

70 39.0 31.1 46.7

55 24.0 18.6 27.8

61 23.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

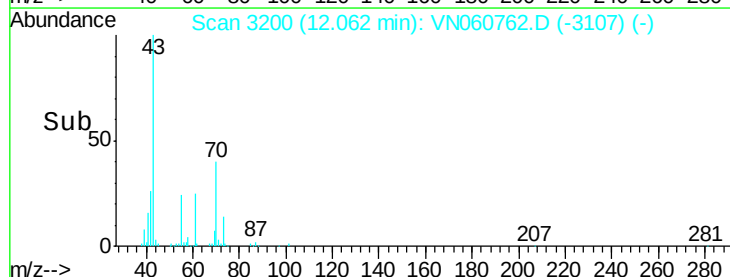
60000

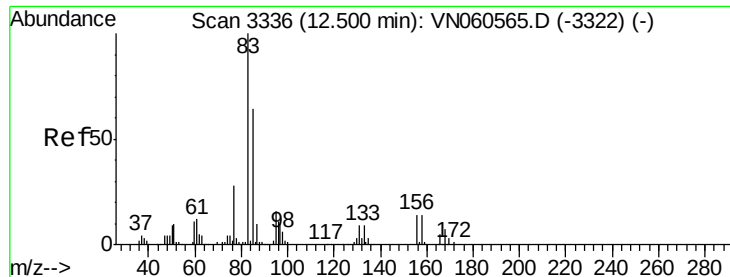
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.130 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

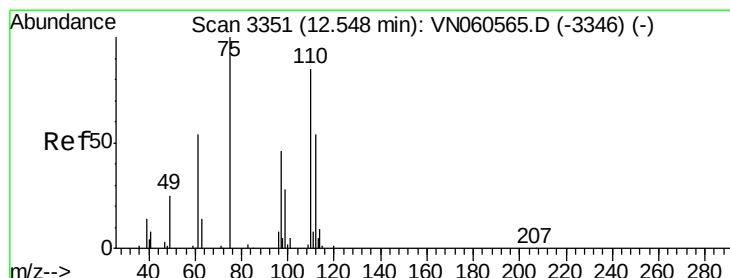
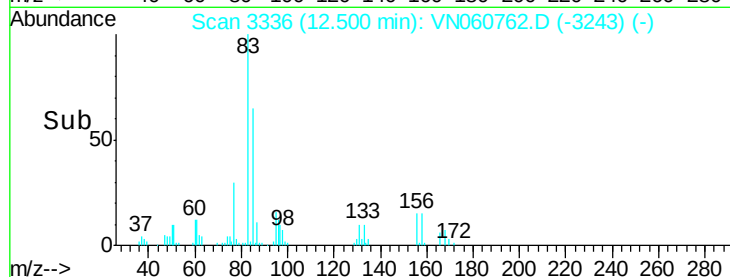
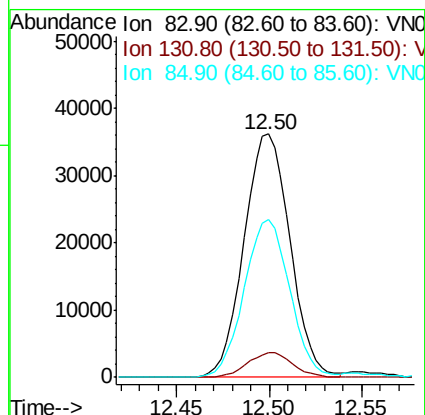
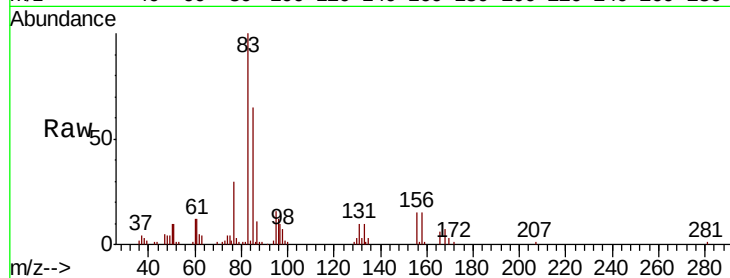
Tot Ion: 83 Resp: 62243

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 64.1 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 27.512 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060762.D

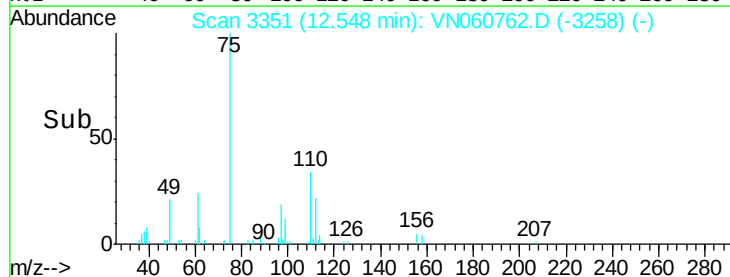
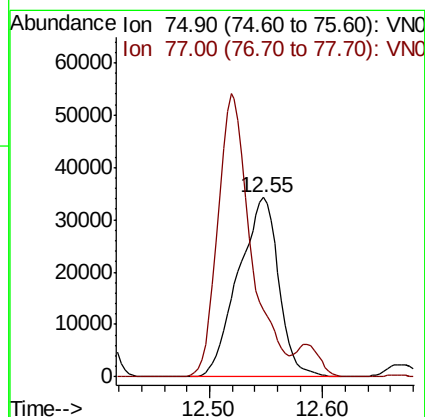
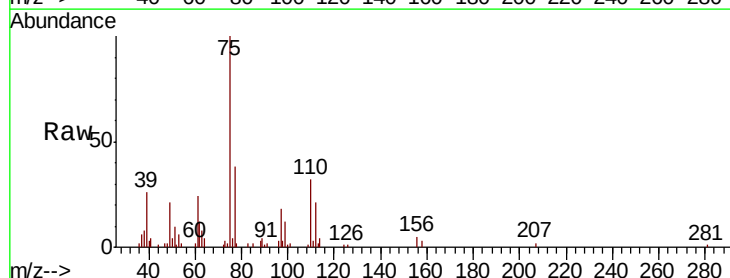
Acq: 30 Mar 2020 11:52

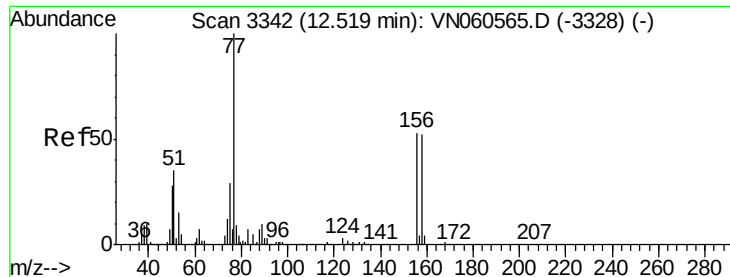
Tgt Ion: 75 Resp: 85111

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.989 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

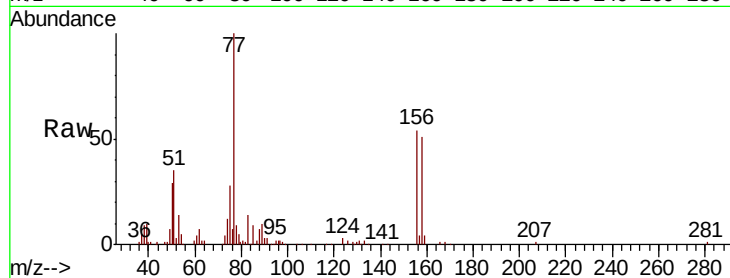
Tot Ion:156 Resp: 49232

Ion Ratio Lower Upper

156 100

77 223.5 112.3 337.0

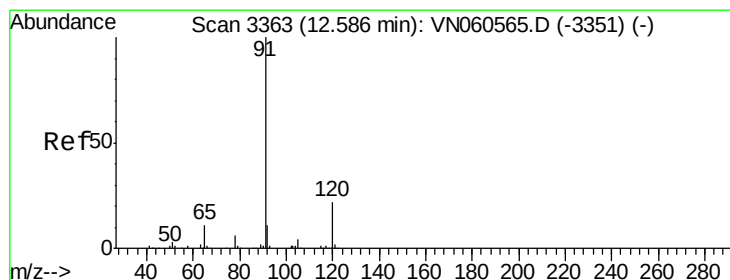
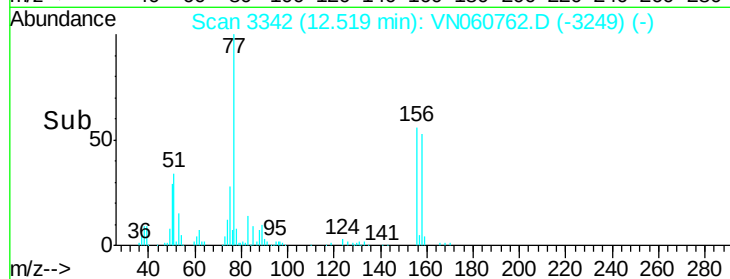
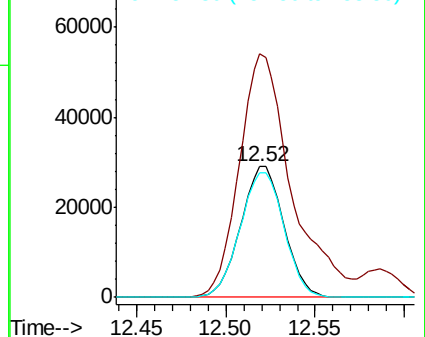
158 96.5 48.6 145.8



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: 19.304 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060762.D

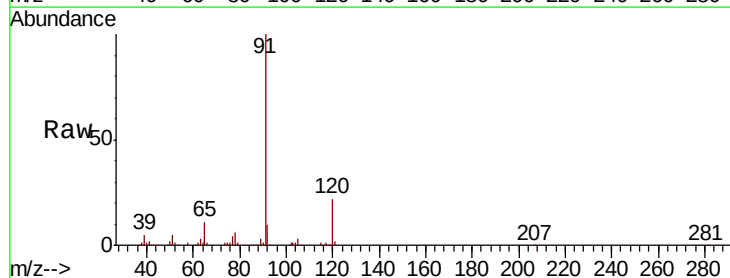
Acq: 30 Mar 2020 11:52

Tgt Ion: 91 Resp: 245373

Ion Ratio Lower Upper

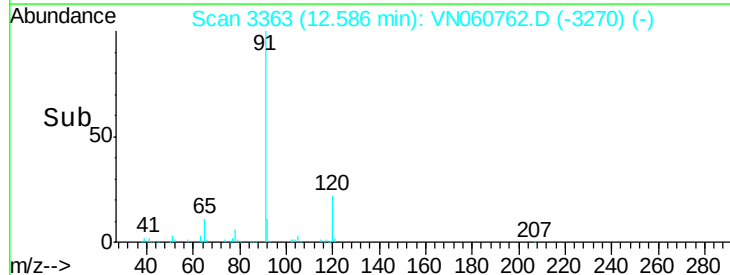
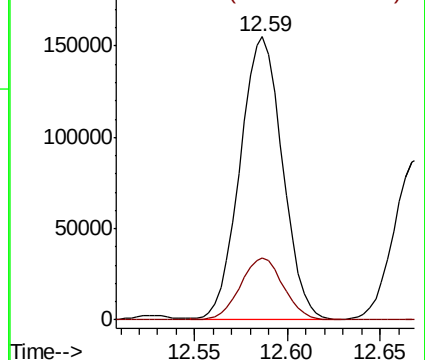
91 100

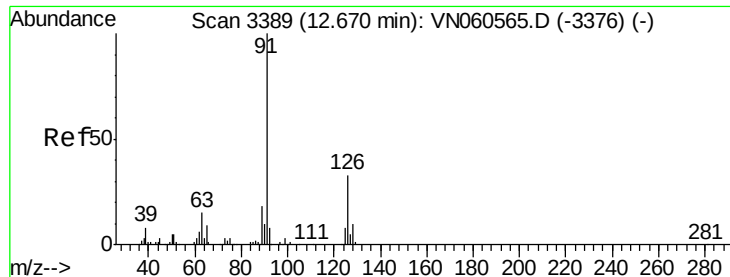
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.051 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

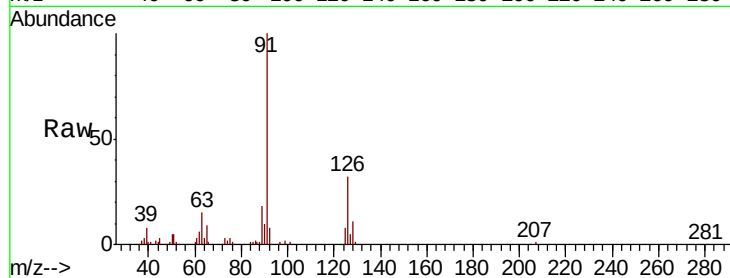
ClientSampleId :

Tot Ion: 91 Resp: 144689

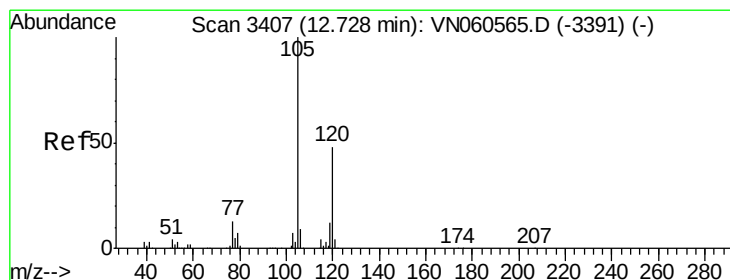
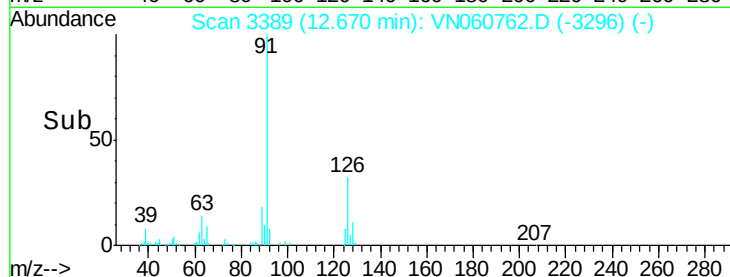
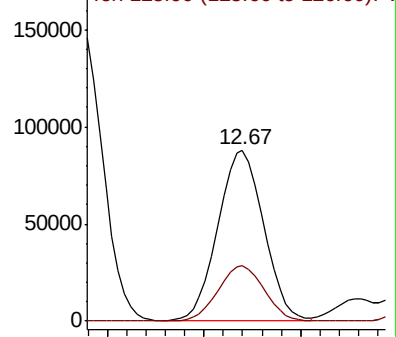
Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060762.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.298 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060762.D

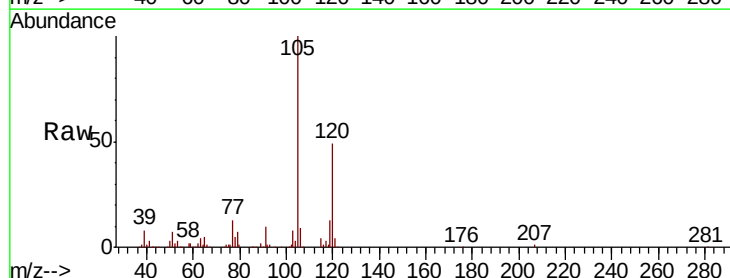
Acq: 30 Mar 2020 11:52

Tgt Ion: 105 Resp: 176204

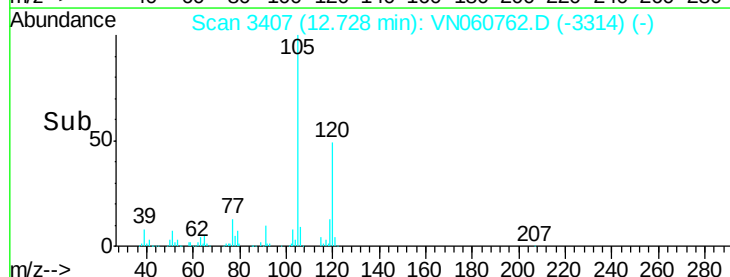
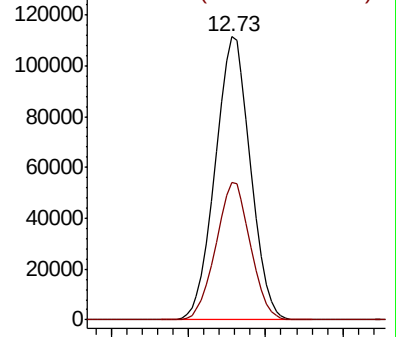
Ion Ratio Lower Upper

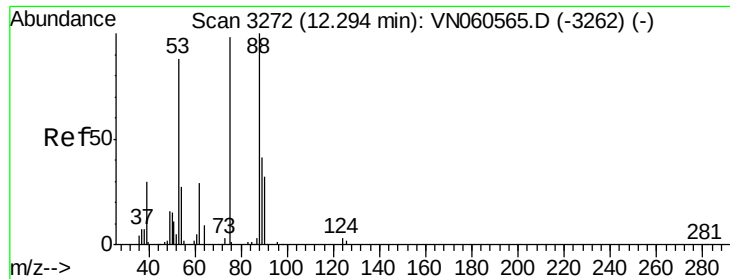
105 100

120 47.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060762.D (-3391) (-)

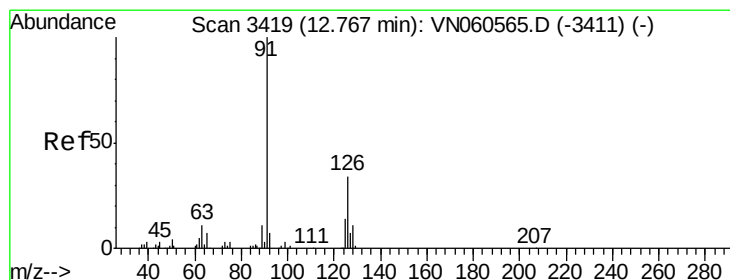
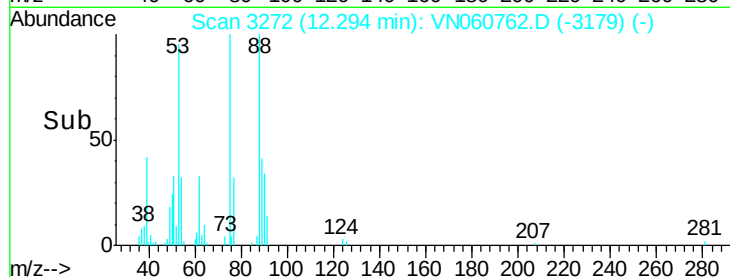
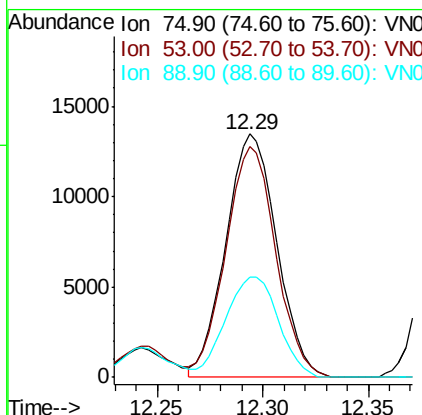
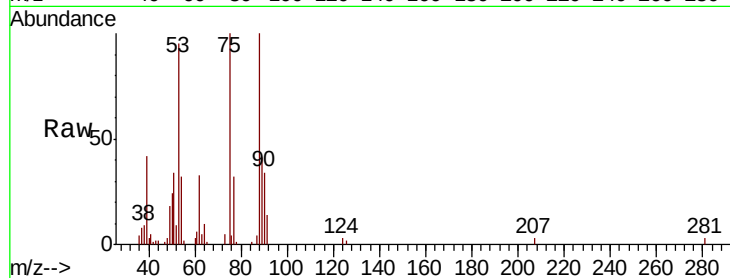




#81
trans-1,4-Dichloro-2-butene
Concen: 18.757 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

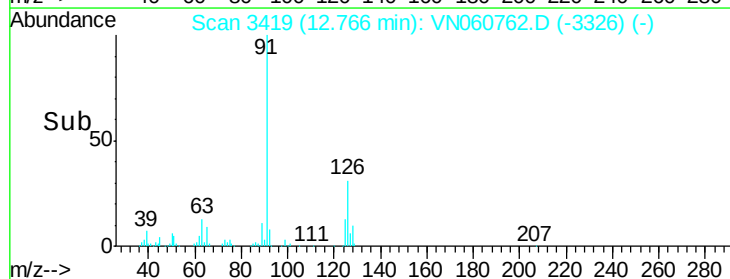
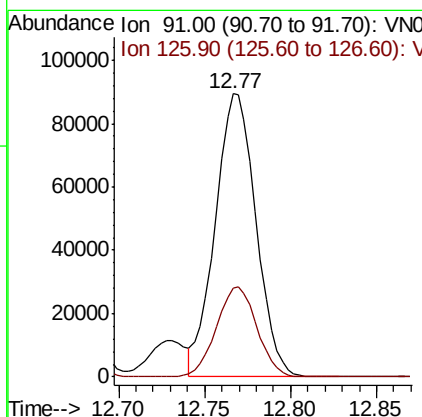
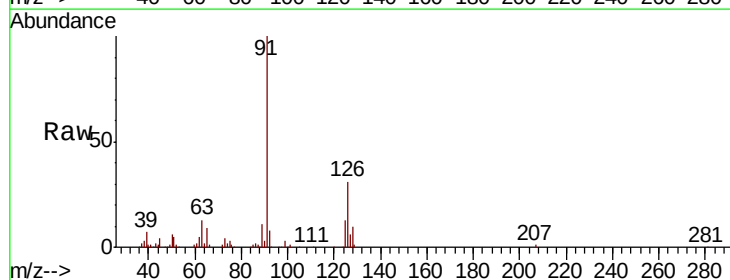
Instrument :
MSVOA_N
ClientSampleId :

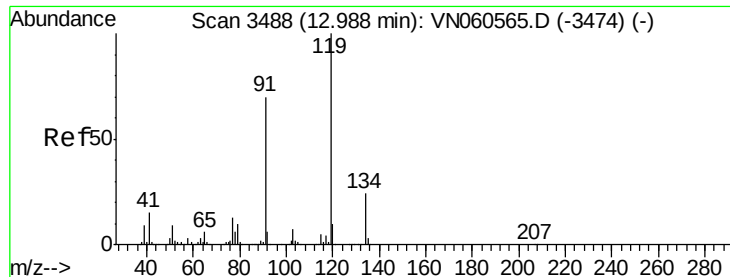
Tot Ion: 75 Resp: 22593
Ion Ratio Lower Upper
75 100
53 93.0 73.0 109.4
89 43.0 34.8 52.2



#82
4-Chlorotoluene
Concen: 19.148 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion: 91 Resp: 148121
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.5





#83

tert-Butylbenzene

Concen: 19.610 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

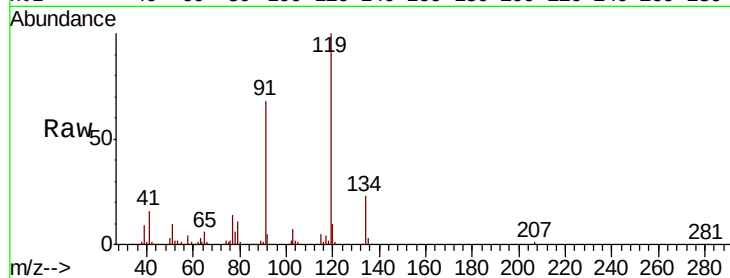
Tot Ion:119 Resp: 148429

Ion Ratio Lower Upper

119 100

91 66.8 34.0 101.8

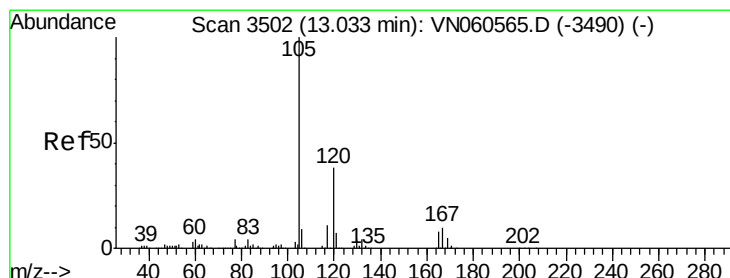
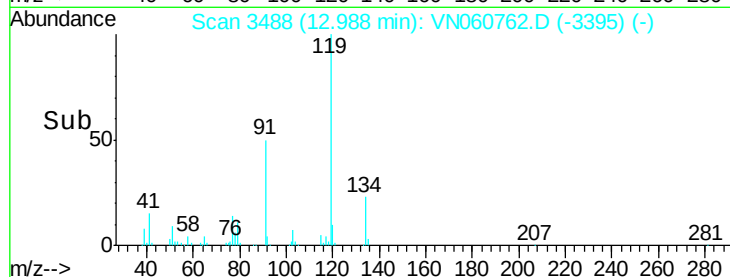
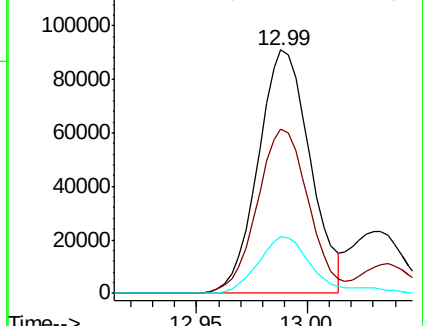
134 24.7 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.427 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060762.D

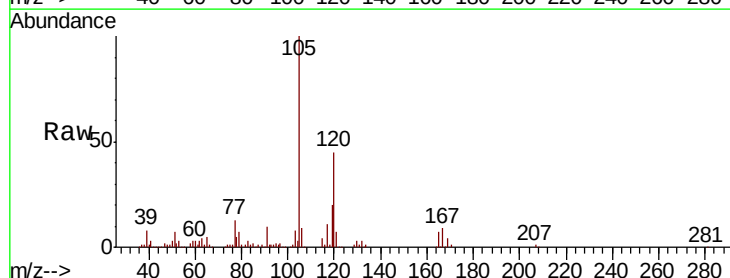
Acq: 30 Mar 2020 11:52

Tgt Ion:105 Resp: 175484

Ion Ratio Lower Upper

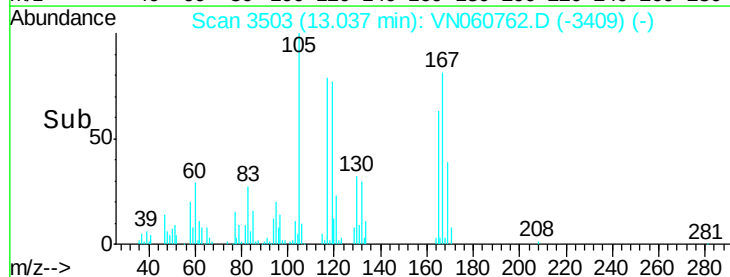
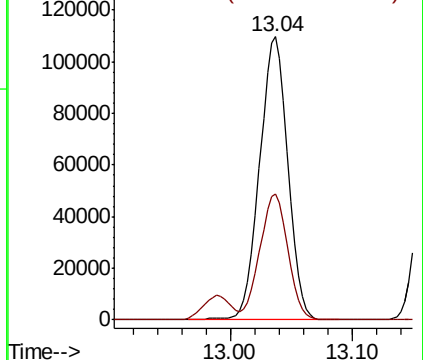
105 100

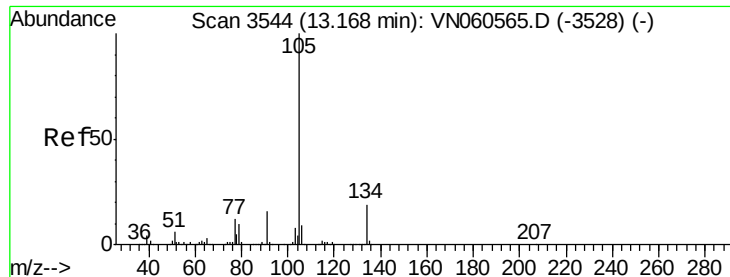
120 44.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.832 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

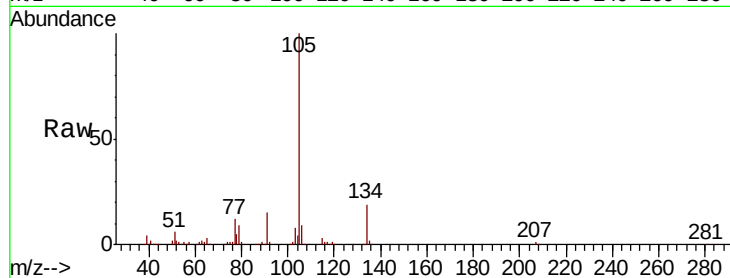
ClientSampled :

Tot Ion:105 Resp: 201846

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

13.17

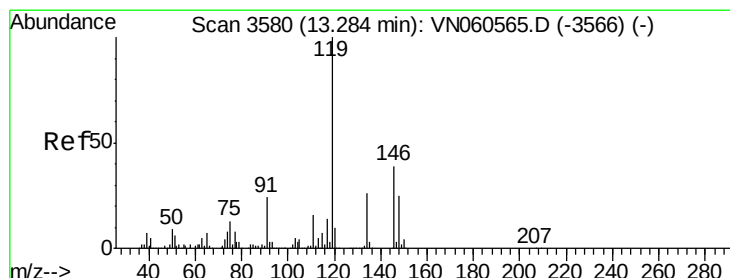
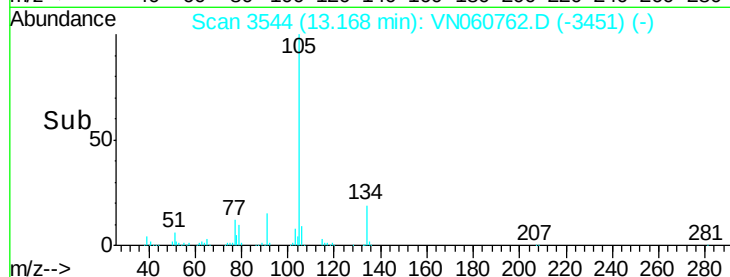
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.724 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

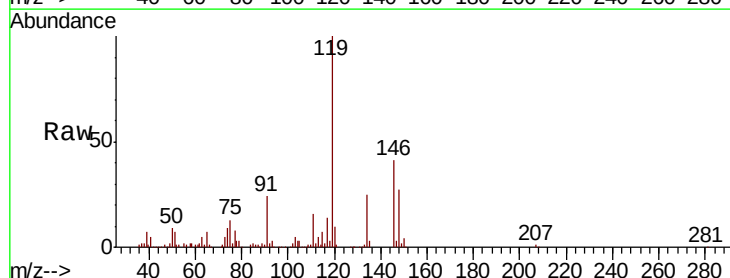
Tgt Ion:119 Resp: 180518

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.8 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

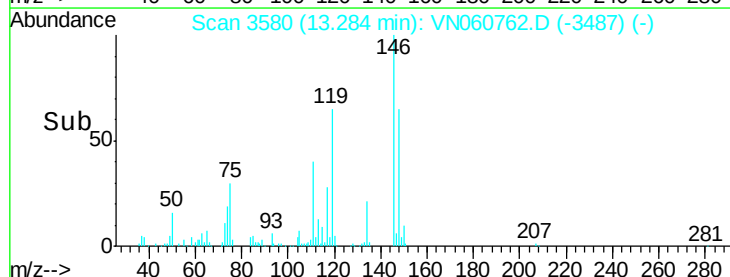
150000

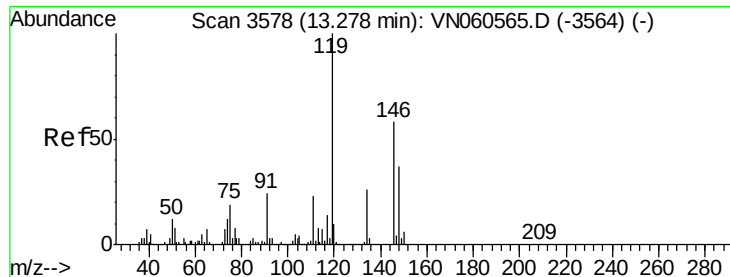
100000

50000

0

Time-->

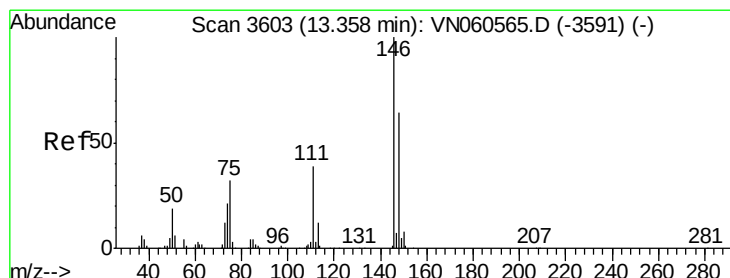
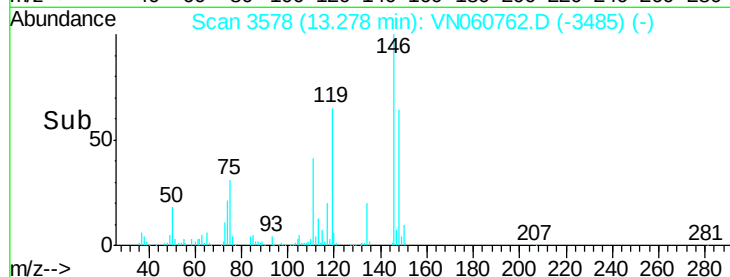
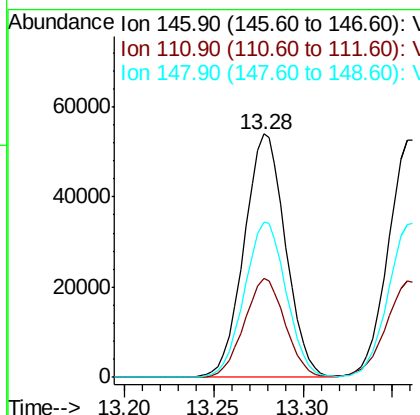
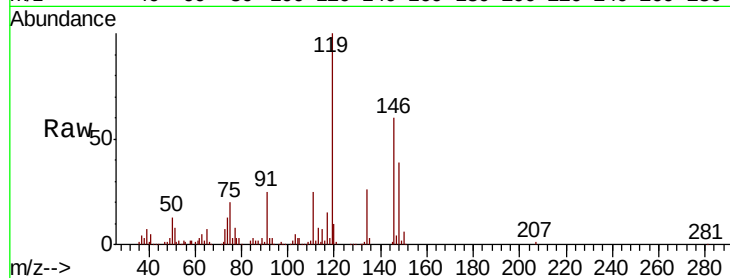




#87
 1,3-Dichlorobenzene
 Concen: 19.203 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

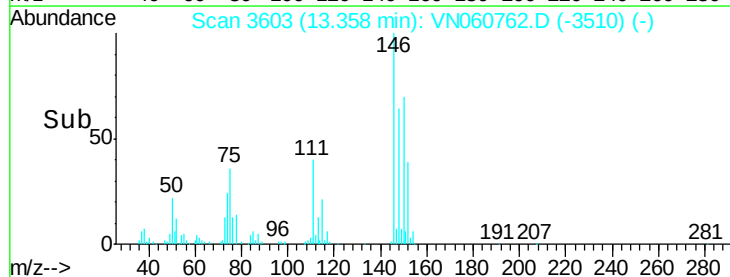
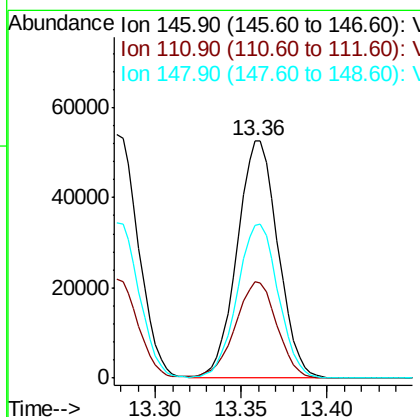
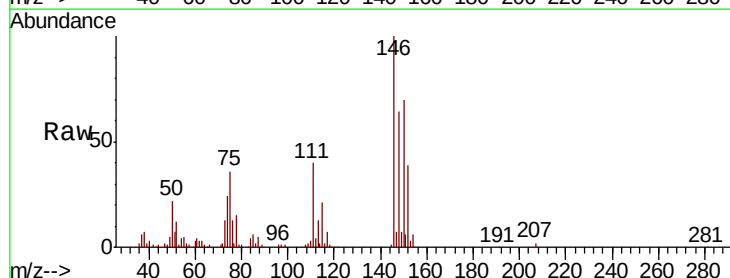
Instrument :
 MSVOA_N
 ClientSampled :

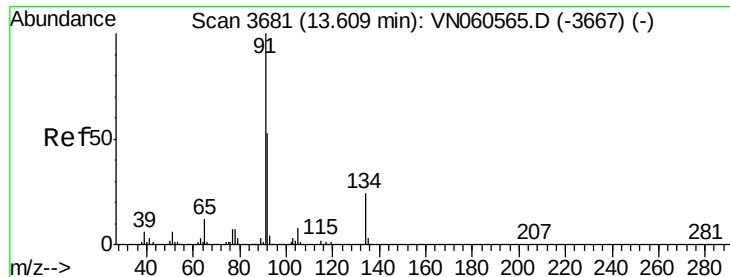
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.8
148	64.2	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.943 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.6	58.7
148	65.0	32.1	96.3





#89

n-Butylbenzene

Concen: 20.004 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

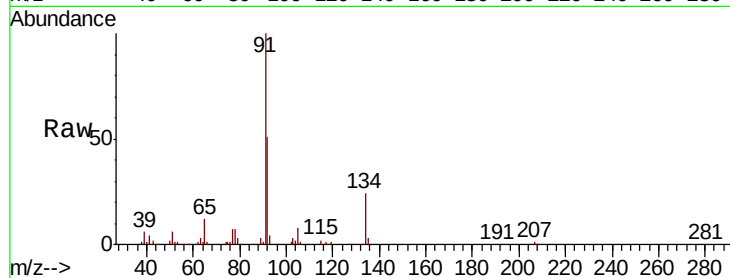
Tot Ion: 91 Resp: 165298

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.5

134 24.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060762.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060762.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060762.D (-3667) (-)

13.61

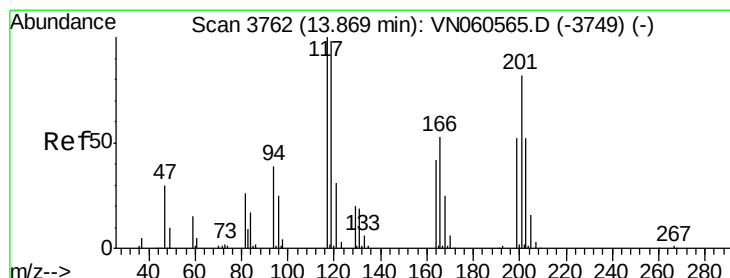
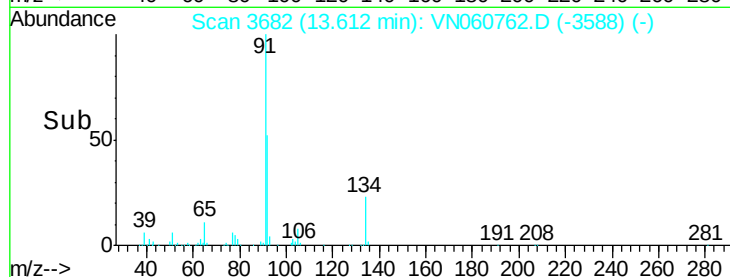
100000

50000

0

13.55 13.60 13.65 13.70

Time-->



#90

Hexachloroethane

Concen: 20.285 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060762.D

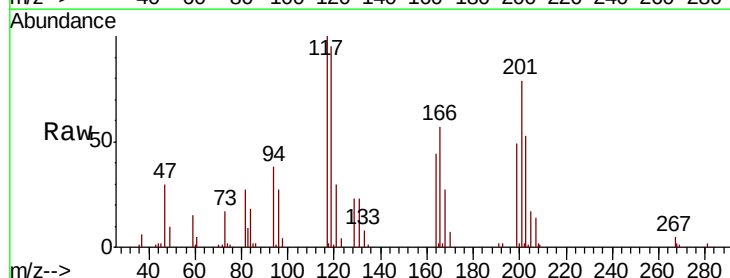
Acq: 30 Mar 2020 11:52

Tgt Ion: 117 Resp: 26986

Ion Ratio Lower Upper

117 100

201 81.7 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060762.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN060762.D (-3669) (-)

13.87

15000

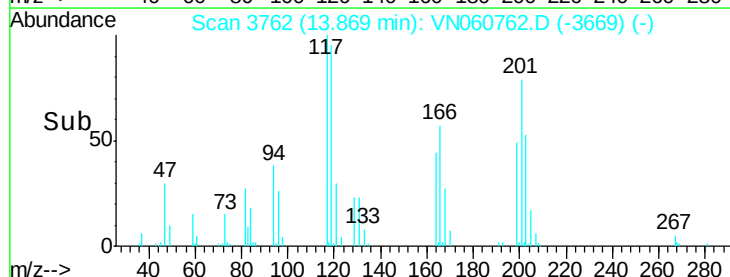
10000

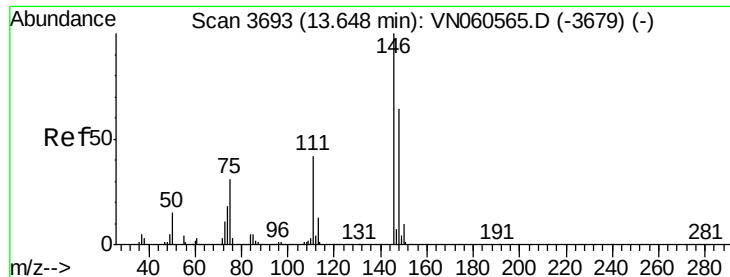
5000

0

13.80 13.85 13.90

Time-->

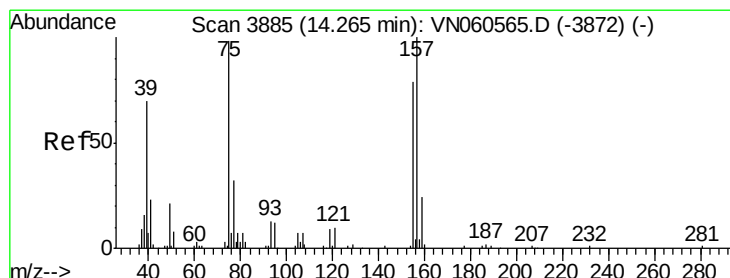
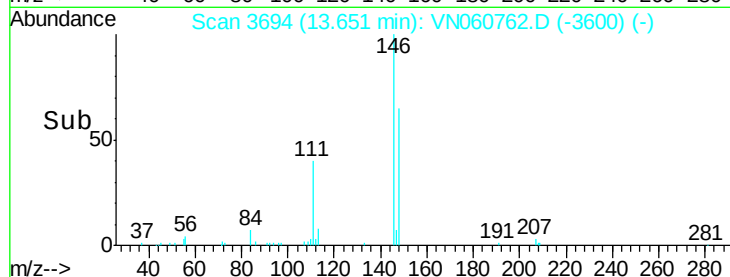
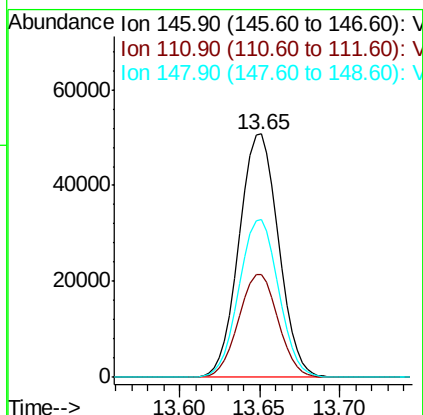
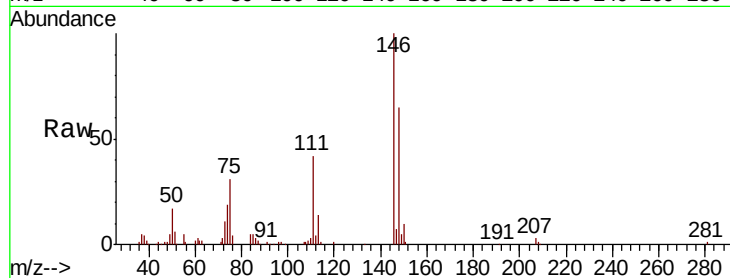




#91
 1,2-Dichlorobenzene
 Concen: 19.570 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

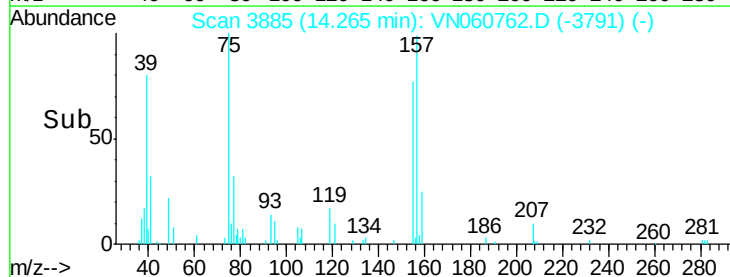
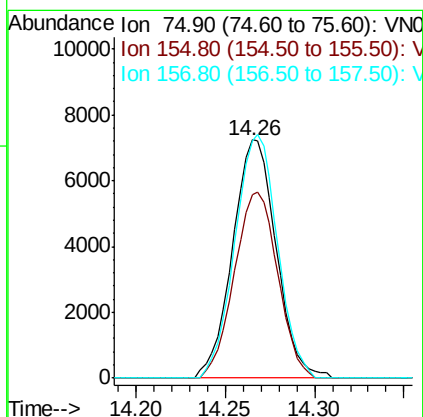
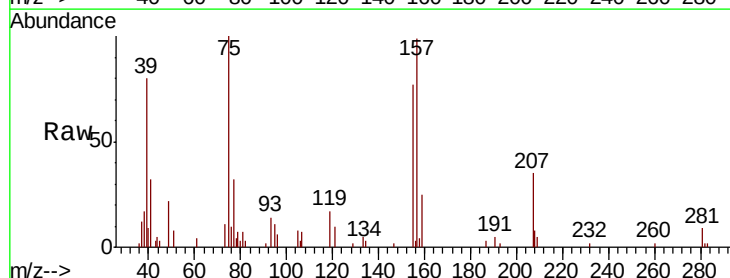
Instrument :
 MSVOA_N
 ClientSampled :

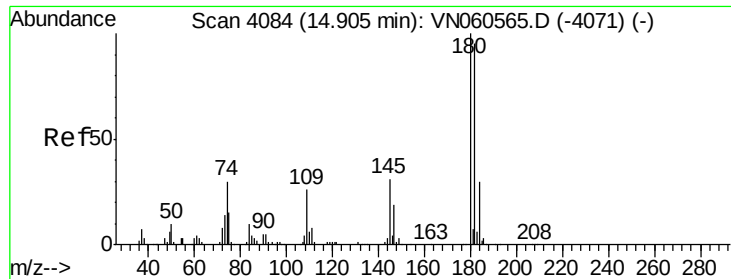
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	65.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.989 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	40.7	122.1
157	99.6	51.5	154.7

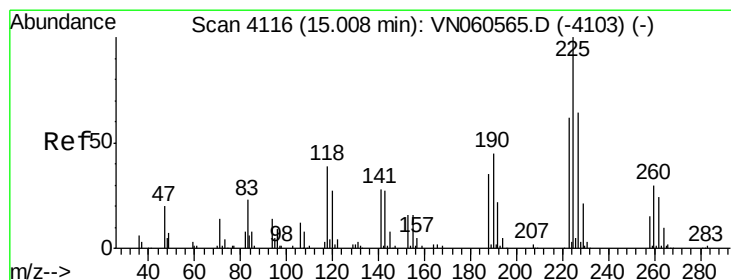
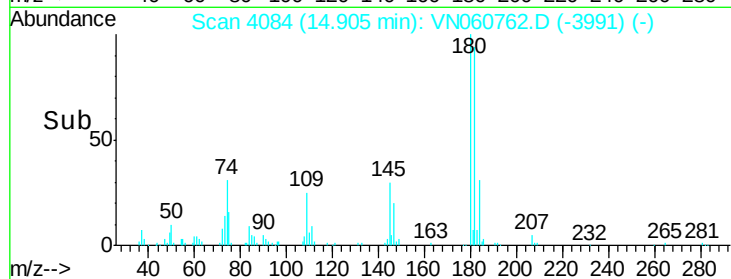
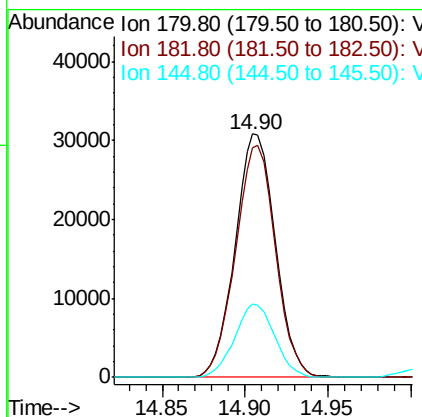
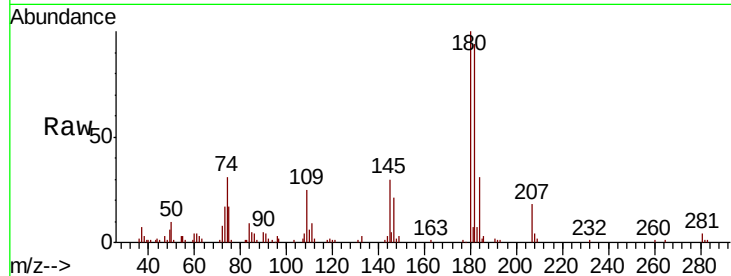




#93
 1,2,4-Trichlorobenzene
 Concen: 19.361 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

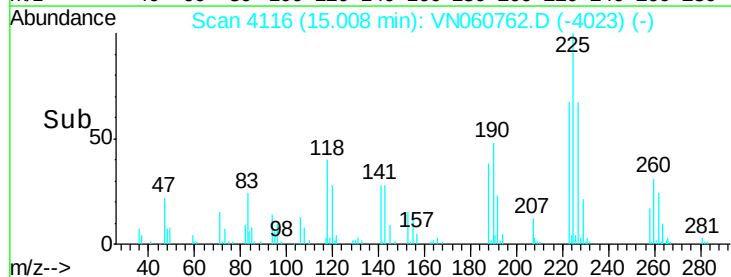
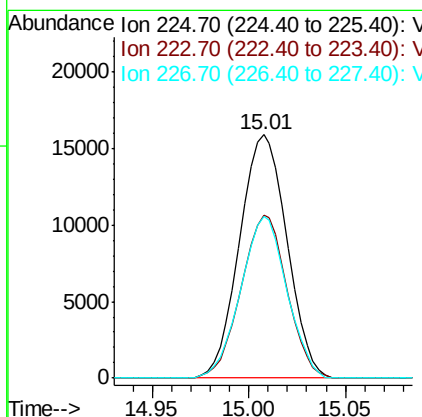
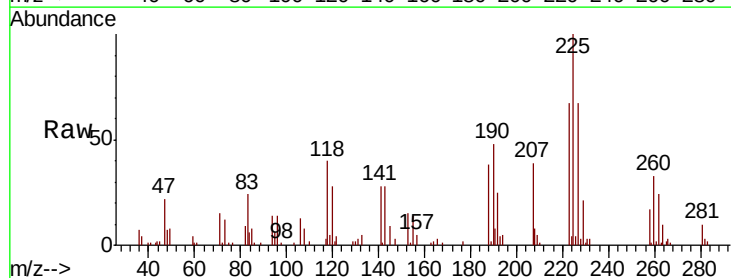
Instrument :
 MSVOA_N
 ClientSampleId :

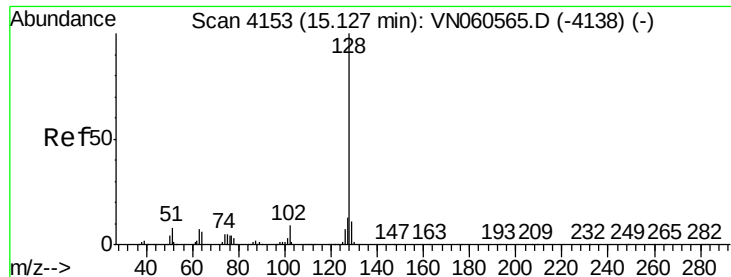
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.8
145	29.9	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 20.588 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060762.D
 Acq: 30 Mar 2020 11:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.6	95.0
227	64.4	32.3	96.8

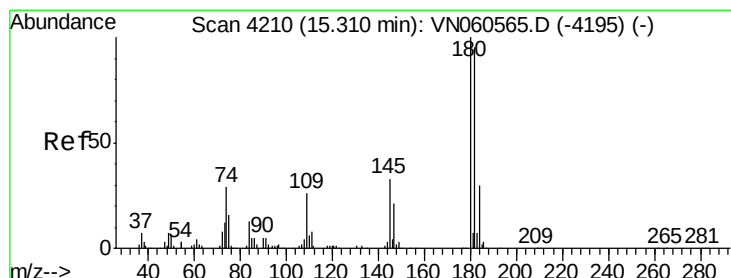
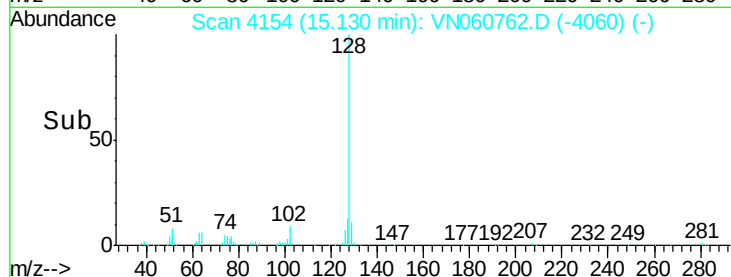
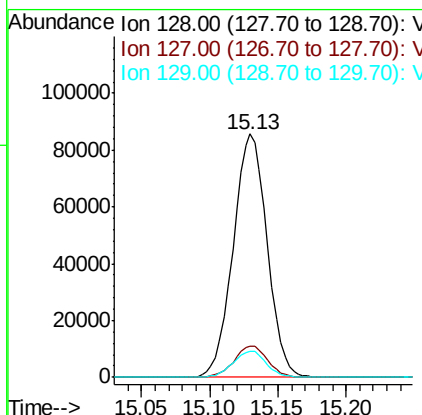
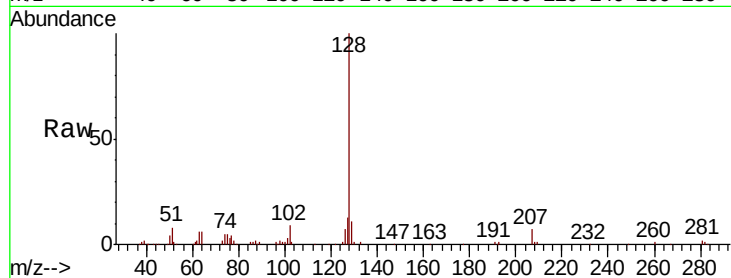




#95
Naphthalene
Concen: 18.280 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 147630
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.012 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060762.D
Acq: 30 Mar 2020 11:52

Tgt Ion:180 Resp: 50279
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 32.0 16.3 48.8

