

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060070.D
 Acq On : 12 Feb 2020 12:50
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 12 13:54:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 13:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	315541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	260205	102.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.96%	
35) Dibromofluoromethane	7.56	113	209932	104.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.02%	
50) Toluene-d8	10.08	98	819614	103.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.24%	
62) 4-Bromofluorobenzene	12.40	95	311498	107.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	216048	103.582	ug/l	100
3) Chloromethane	2.04	50	239205	96.370	ug/l	97
4) Vinyl Chloride	2.17	62	282258	99.765	ug/l	100
5) Bromomethane	2.53	94	169974	97.978	ug/l	99
6) Chloroethane	2.68	64	142165	99.346	ug/l	97
7) Trichlorofluoromethane	3.00	101	364657	99.968	ug/l	100
8) Diethyl Ether	3.38	74	124757	102.744	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	201226	99.361	ug/l	99
10) Methyl Iodide	3.93	142	281942	112.341	ug/l	99
11) Tert butyl alcohol	4.73	59	200276	527.083	ug/l	99
12) 1,1-Dichloroethene	3.72	96	202396	102.589	ug/l	96
13) Acrolein	3.58	56	202409	538.927	ug/l	97
14) Allyl chloride	4.29	41	289793	99.799	ug/l	99
15) Acrylonitrile	4.94	53	509054	548.586	ug/l	100
16) Acetone	3.78	43	567853	512.705	ug/l	99
17) Carbon Disulfide	4.03	76	594786	100.021	ug/l	99
18) Methyl Acetate	4.29	43	220398	105.932	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	678009	102.192	ug/l	99
20) Methylene Chloride	4.52	84	221426	100.208	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	220044	102.318	ug/l	99
22) Diisopropyl ether	5.92	45	668252	105.006	ug/l	94
23) Vinyl Acetate	5.86	43	2895366	541.775	ug/l	100
24) 1,1-Dichloroethane	5.82	63	393568	102.088	ug/l	100
25) 2-Butanone	6.80	43	760895	546.245	ug/l	98
26) 2,2-Dichloropropane	6.80	77	372663	101.773	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	255410	101.479	ug/l	100
28) Bromochloromethane	7.17	49	155921	102.876	ug/l #	98
29) Tetrahydrofuran	7.18	42	455677	533.236	ug/l	99
30) Chloroform	7.35	83	412706	102.195	ug/l	100
31) Cyclohexane	7.63	56	352746	98.224	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	378213	102.485	ug/l	100
36) 1,1-Dichloropropene	7.77	75	307972	101.753	ug/l	99
37) Ethyl Acetate	6.90	43	293322	107.231	ug/l	99
38) Carbon Tetrachloride	7.75	117	338636	103.020	ug/l	97

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 Response via : Initial Calibration

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

39) Methylcyclohexane	9.06	83	386463	102.862	ug/l	98
40) Benzene	8.02	78	904558	100.750	ug/l	100
41) Methacrylonitrile	7.18	41	424353	140.815	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	324920	103.256	ug/l	99
43) Isopropyl Acetate	8.14	43	498102	106.524	ug/l	99
44) Trichloroethene	8.82	130	249533	100.374	ug/l	98
45) 1,2-Dichloropropane	9.10	63	228680	102.880	ug/l	99
46) Dibromomethane	9.19	93	162929	103.725	ug/l	99
47) Bromodichloromethane	9.39	83	334354	104.698	ug/l	99
48) Methyl methacrylate	9.18	41	228087	108.719	ug/l	99
49) 1,4-Dioxane	9.18	88	79321	2212.860	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1471165	543.562	ug/l	100
52) Toluene	10.14	92	598379	103.932	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	391065	108.487	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	398319	104.937	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	230691	102.706	ug/l	99
56) Ethyl methacrylate	10.42	69	361215	113.682	ug/l	99
57) 1,3-Dichloropropane	10.70	76	377315	101.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	838054	566.152	ug/l	100
59) 2-Hexanone	10.74	43	1166555	557.967	ug/l	100
60) Dibromochloromethane	10.89	129	276873	107.418	ug/l	99
61) 1,2-Dibromoethane	11.00	107	250692	106.470	ug/l	100
64) Tetrachloroethene	10.62	164	229456	95.658	ug/l	99
65) Chlorobenzene	11.43	112	643073	100.032	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	247435	101.744	ug/l	100
67) Ethyl Benzene	11.50	91	1175435	101.378	ug/l	100
68) m/p-Xylenes	11.62	106	890483	204.632	ug/l	99
69) o-Xylene	11.94	106	430490	102.744	ug/l	99
70) Styrene	11.96	104	739268	109.415	ug/l	99
71) Bromoform	12.12	173	214848	109.839	ug/l #	99
73) Isopropylbenzene	12.25	105	1174586	97.224	ug/l	100
74) N-amyl acetate	12.07	43	467397	107.288	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	349982	100.645	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	472405	108.346	ug/l #	100
77) Bromobenzene	12.52	156	295266	98.481	ug/l	99
78) n-propylbenzene	12.59	91	1359137	98.742	ug/l	100
79) 2-Chlorotoluene	12.67	91	785565	97.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	991342	98.690	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	133703	105.764	ug/l	99
82) 4-Chlorotoluene	12.77	91	826573	99.582	ug/l	100
83) tert-Butylbenzene	12.99	119	847659	95.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1000738	100.925	ug/l	100
85) sec-Butylbenzene	13.17	105	1152647	97.946	ug/l	99
86) p-Isopropyltoluene	13.28	119	1070407	100.391	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	537687	101.313	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	534653	100.762	ug/l	99
89) n-Butylbenzene	13.61	91	967881	103.205	ug/l	100
90) Hexachloroethane	13.87	117	199911	100.360	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	514111	98.985	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	75810	94.168	ug/l	99

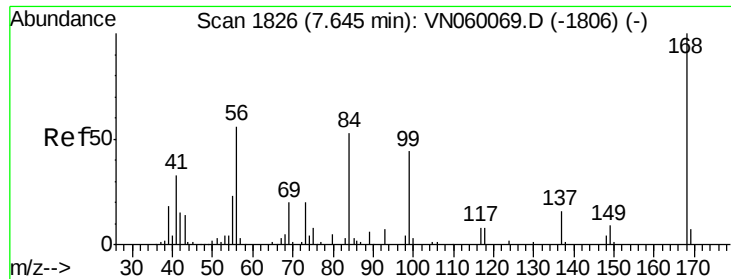
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
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Quant Title : SW846 8260
QLast Update : Wed Feb 12 13:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	331640	108.672	ug/l	99
94) Hexachlorobutadiene	15.01	225	169482	94.865	ug/l	99
95) Naphthalene	15.13	128	937598	113.736	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	320287	105.390	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

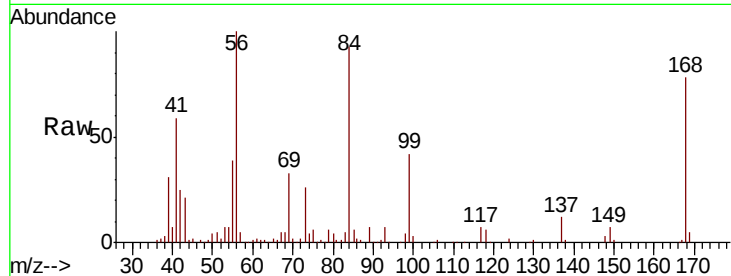
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 208669

Ion Ratio Lower Upper

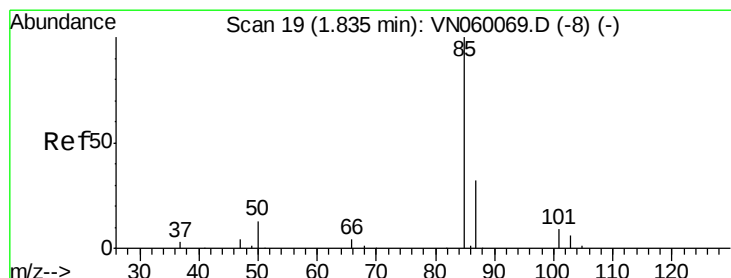
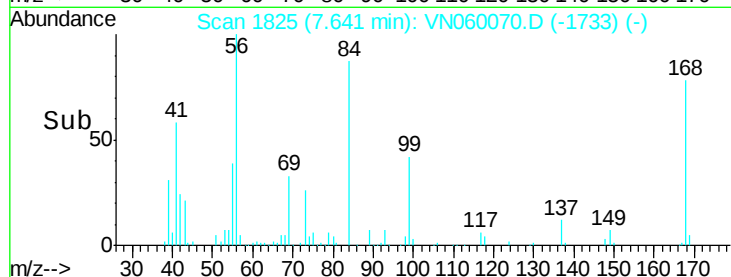
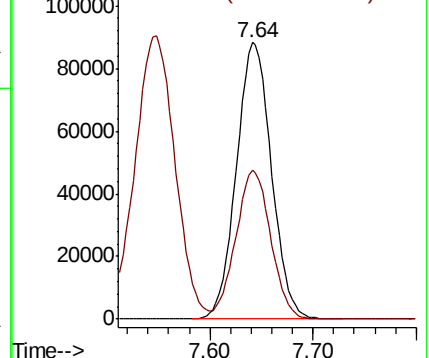
168 100

99 53.7 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 103.582 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060070.D

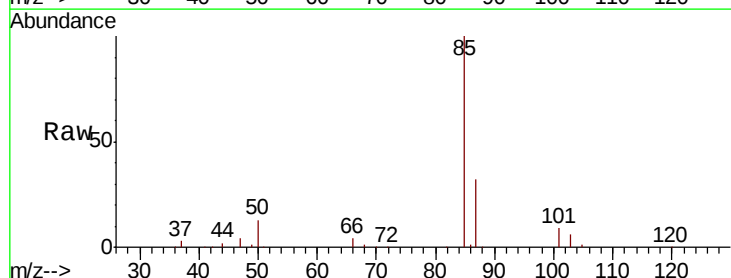
Acq: 12 Feb 2020 12:50

Tgt Ion: 85 Resp: 216048

Ion Ratio Lower Upper

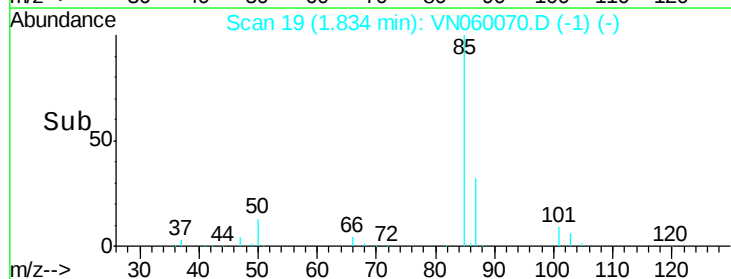
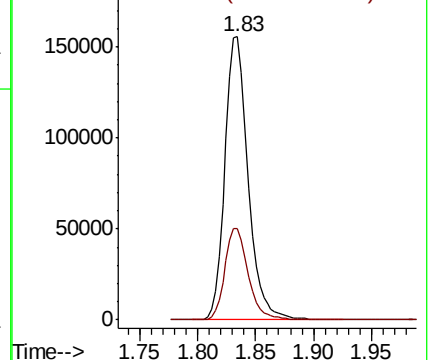
85 100

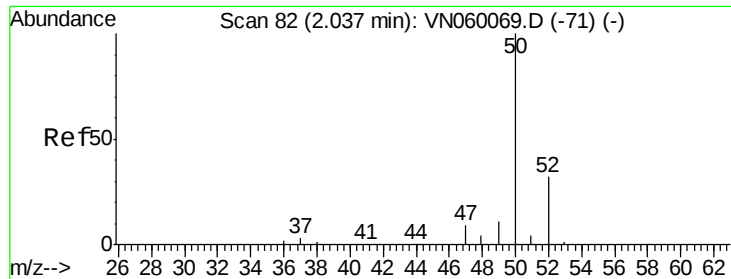
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

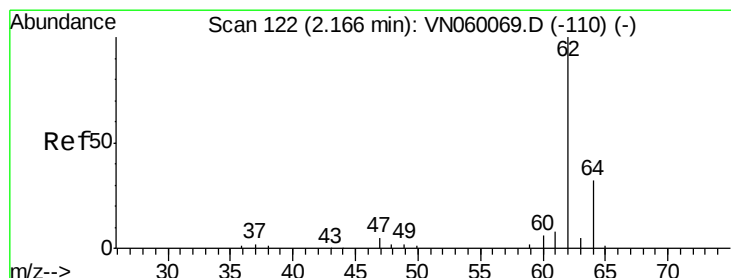
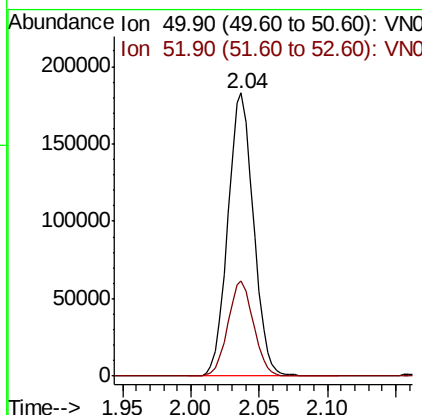
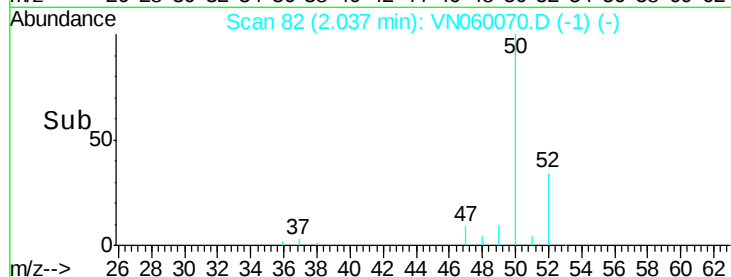
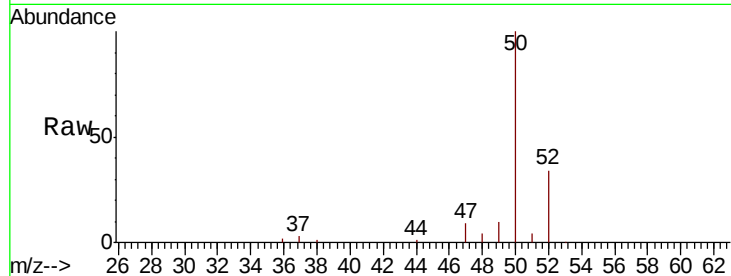




#3
 Chloromethane
 Concen: 96.370 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

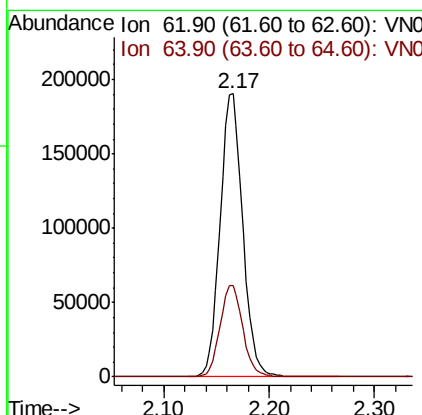
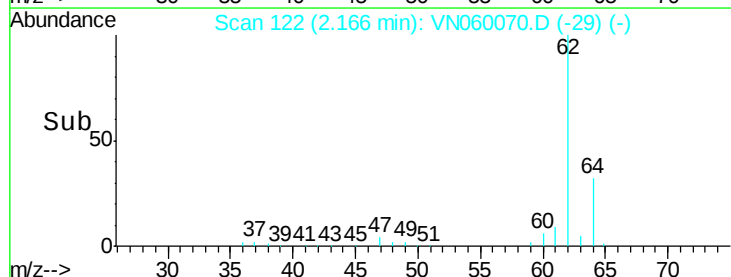
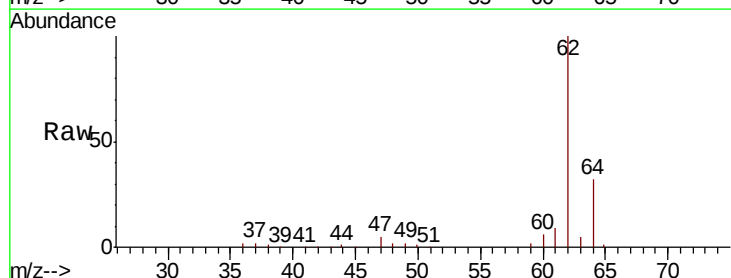
Instrument :
 MSVOA_N
 ClientSampleId :

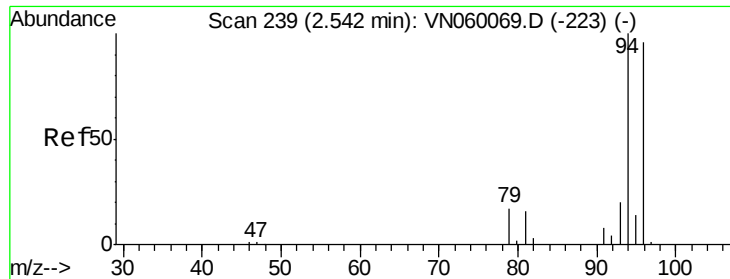
Tot Ion: 50 Resp: 239205
 Ion Ratio Lower Upper
 50 100
 52 33.7 25.6 38.4



#4
 Vinyl Chloride
 Concen: 99.765 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion: 62 Resp: 282258
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.9 38.9





#5

Bromomethane

Concen: 97.978 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.02 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

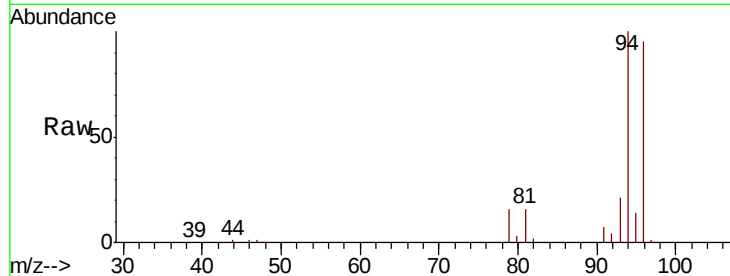
ClientSampleId :

Tot Ion: 94 Resp: 169974

Ion Ratio Lower Upper

94 100

96 95.1 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

80000

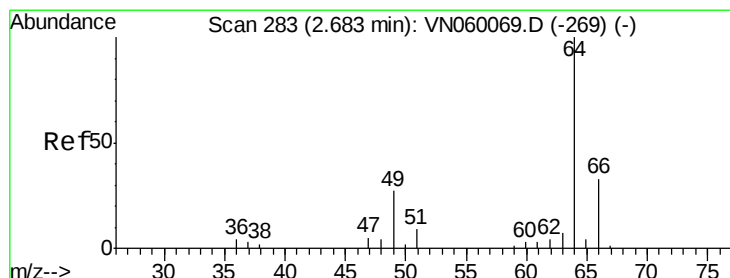
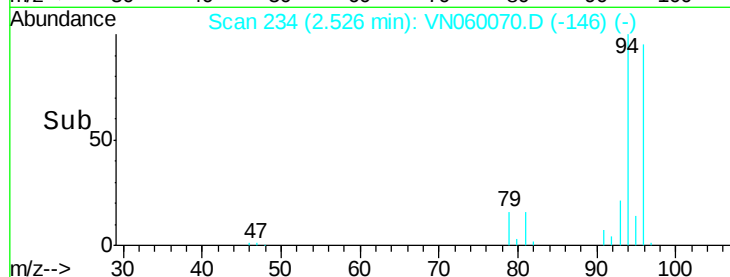
60000

40000

20000

0

Time--> 2.40 2.50 2.60 2.70



#6

Chloroethane

Concen: 99.346 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN060070.D

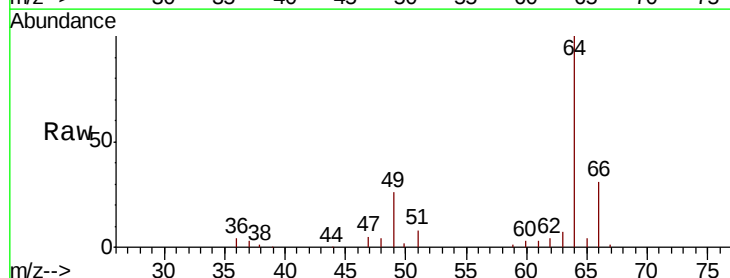
Acq: 12 Feb 2020 12:50

Tgt Ion: 64 Resp: 142165

Ion Ratio Lower Upper

64 100

66 31.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

80000

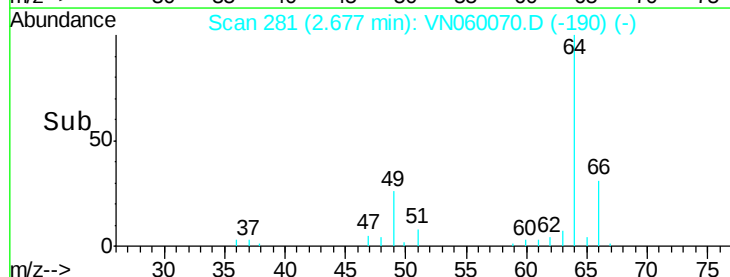
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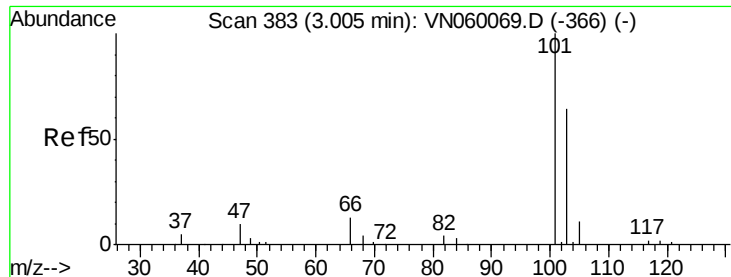
40000

20000

0

Time--> 2.60 2.70 2.80



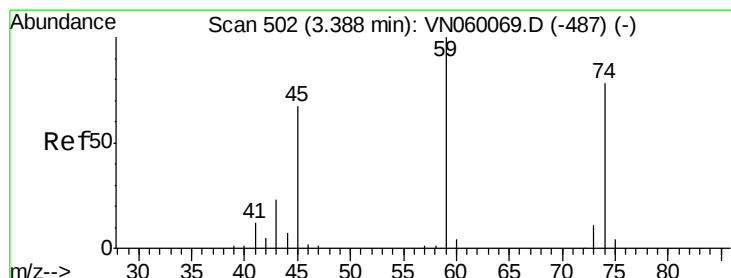
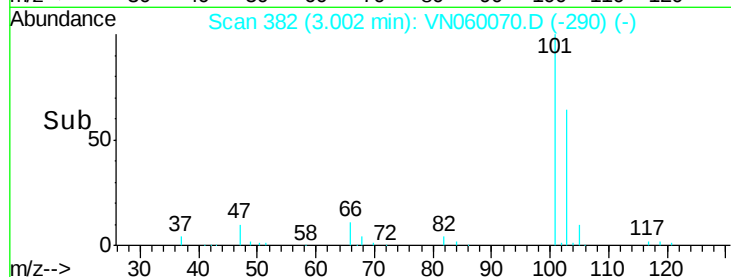
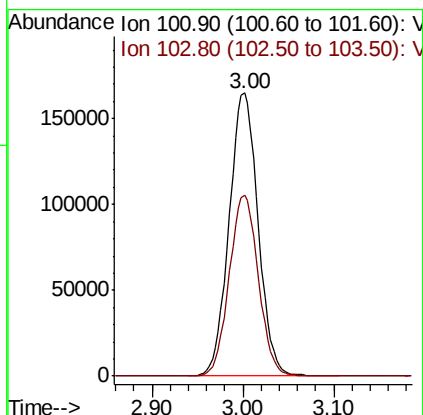
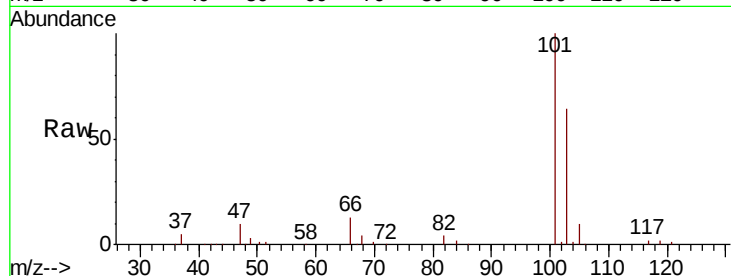


#7

Trichlorofluoromethane
 Concen: 99.968 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :

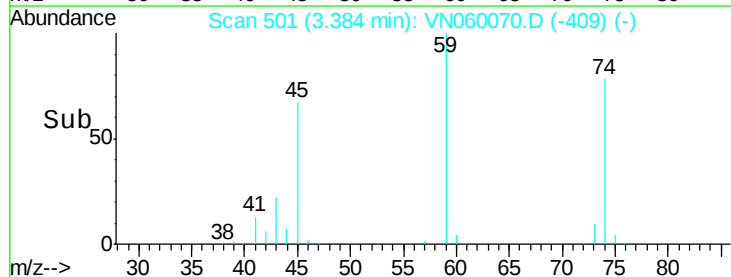
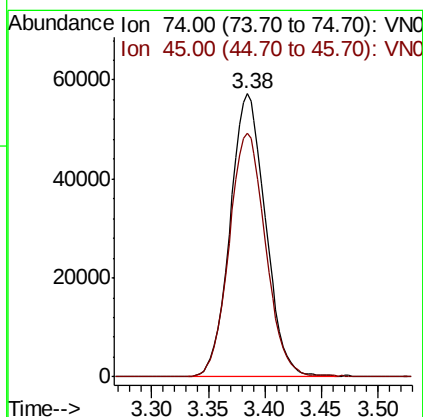
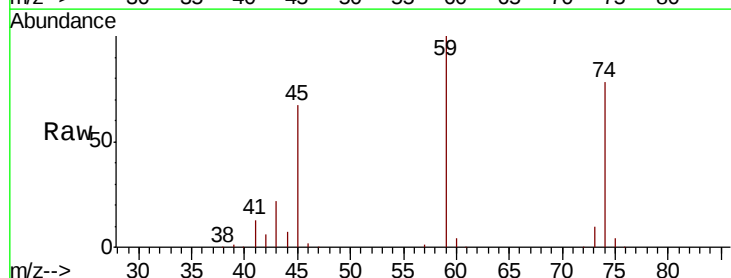
Tot Ion:101 Resp: 364657
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.0 76.6

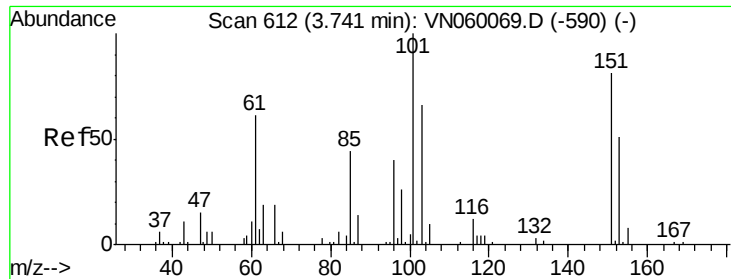


#8

Diethyl Ether
 Concen: 102.744 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion: 74 Resp: 124757
 Ion Ratio Lower Upper
 74 100
 45 88.7 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.361 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

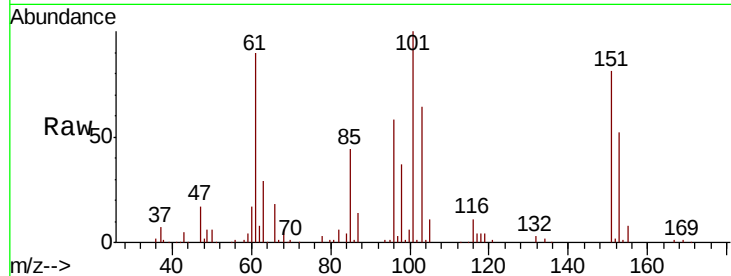
Tot Ion:101 Resp: 201226

Ion Ratio Lower Upper

101 100

85 44.6 35.1 52.7

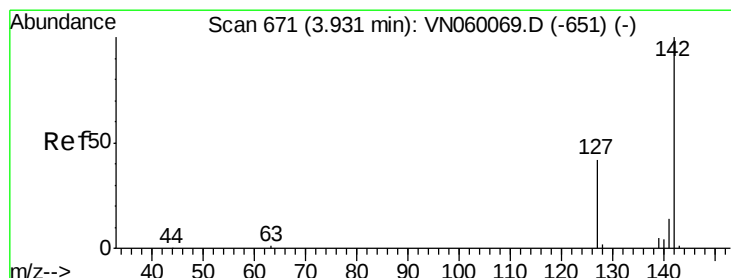
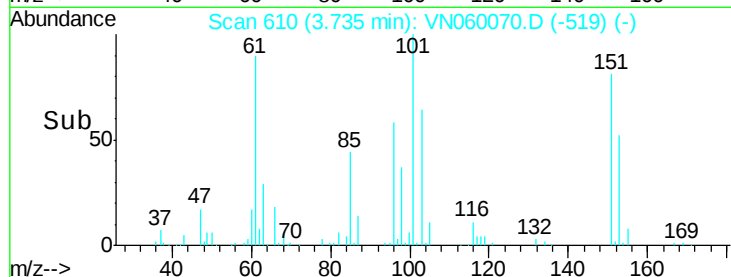
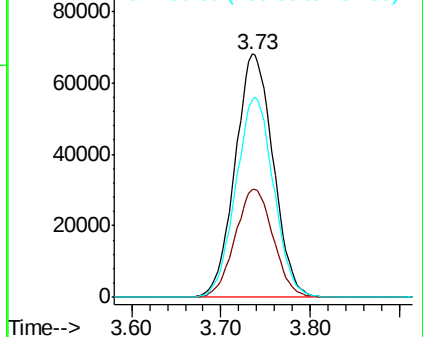
151 81.9 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 112.341 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

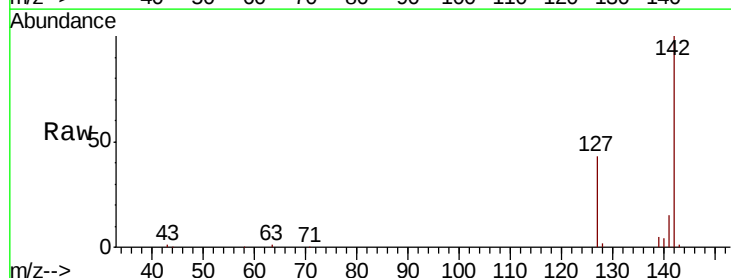
Tgt Ion:142 Resp: 281942

Ion Ratio Lower Upper

142 100

127 43.0 33.6 50.4

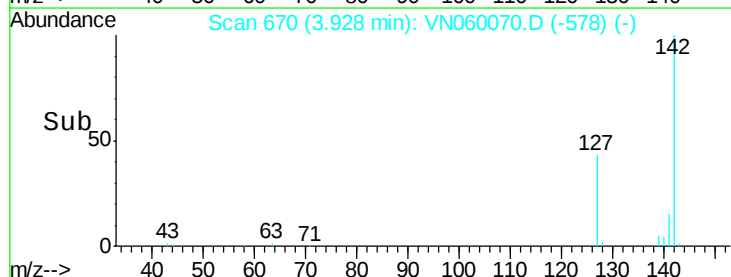
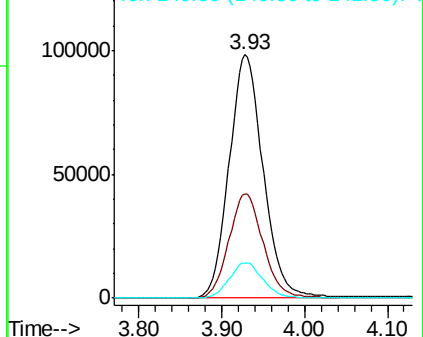
141 14.4 11.4 17.2

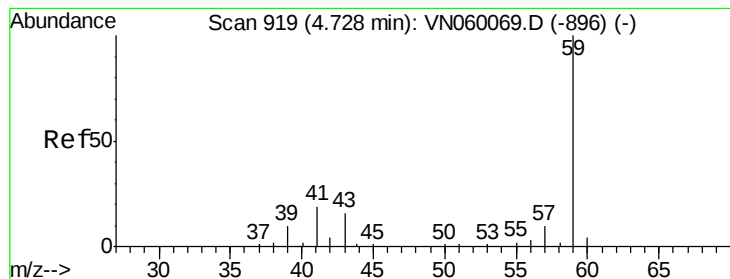


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



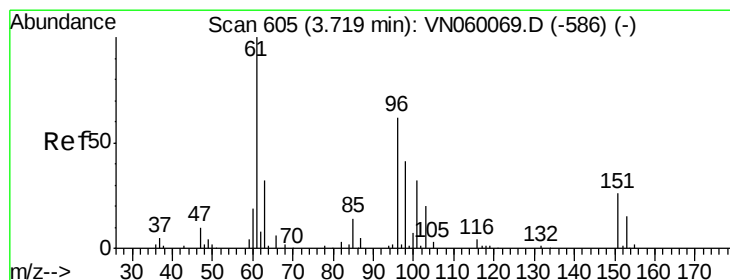
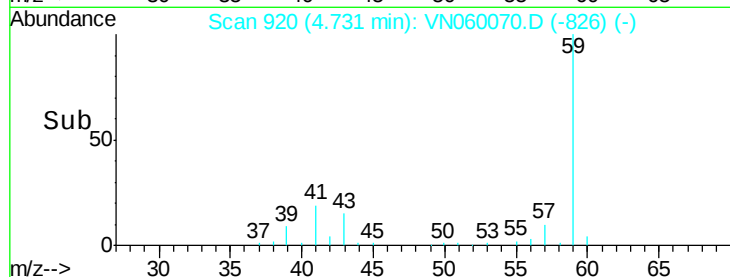
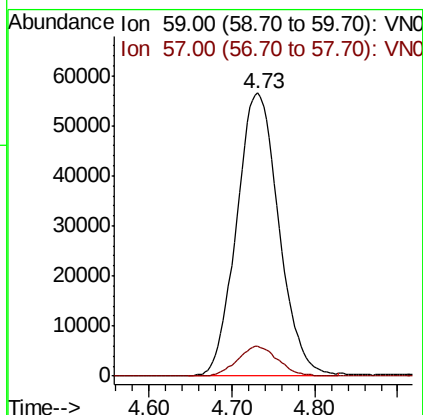
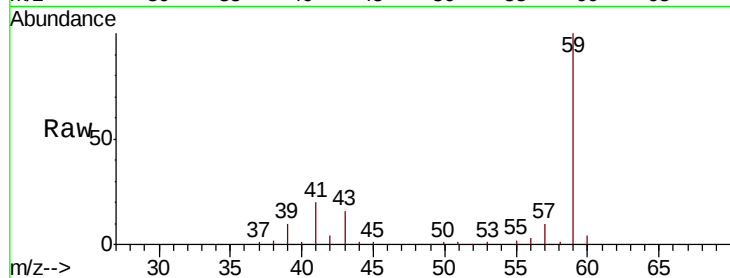


#11

Tert butyl alcohol
Concen: 527.083 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Instrument :
MSVOA_N
ClientSampled :

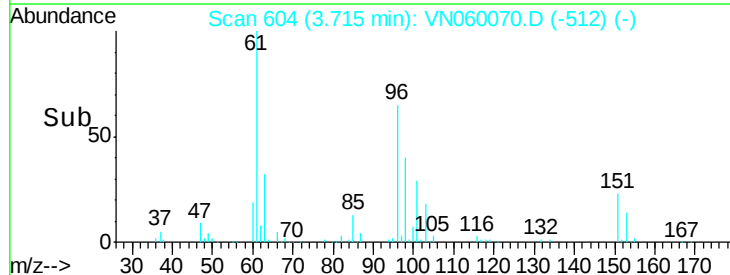
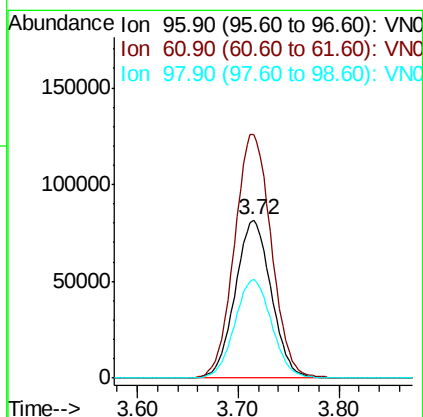
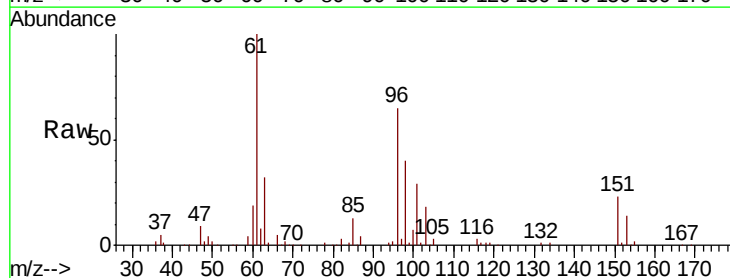
Tot Ion: 59 Resp: 200276
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

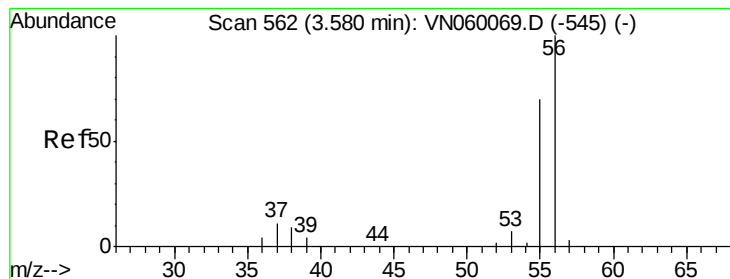


#12

1,1-Dichloroethene
Concen: 102.589 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 96 Resp: 202396
Ion Ratio Lower Upper
96 100
61 154.1 128.3 192.5
98 62.3 52.2 78.4





#13

Acrolein

Concen: 538.927 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

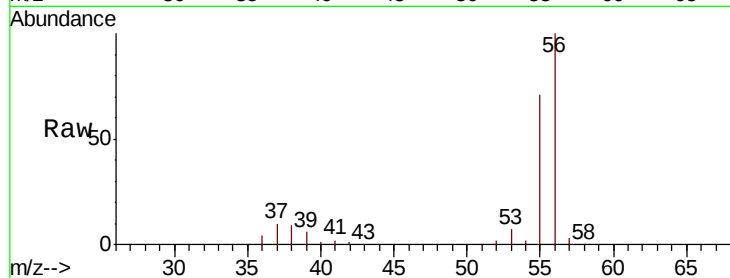
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 202409

Ion Ratio Lower Upper

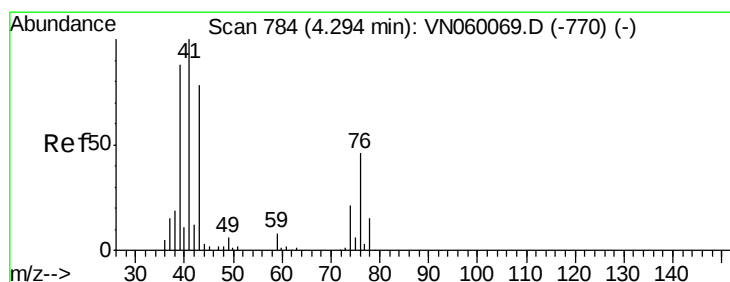
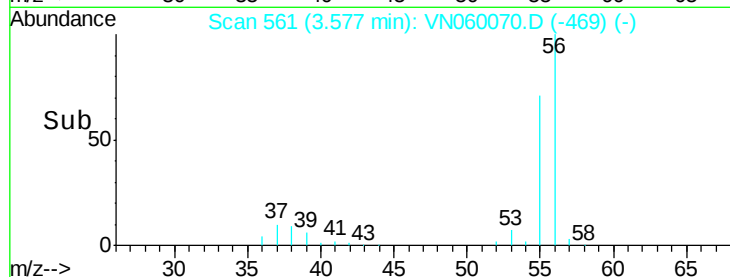
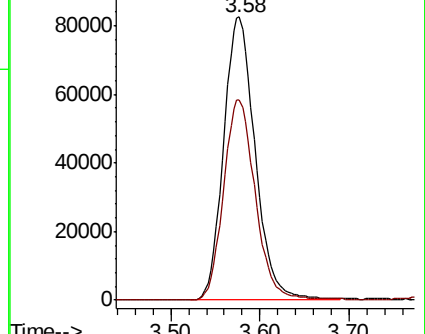
56 100

55 71.2 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060069.D (-545) (-)



#14

Allyl chloride

Concen: 99.799 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

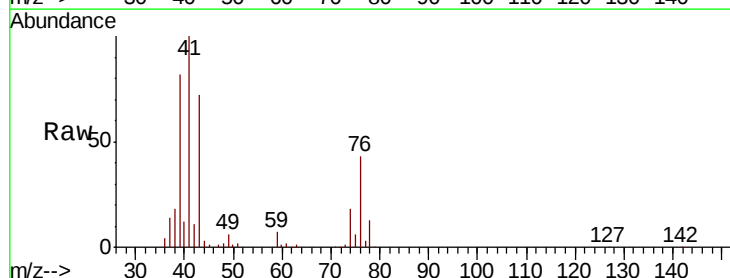
Tgt Ion: 41 Resp: 289793

Ion Ratio Lower Upper

41 100

39 83.2 67.8 101.8

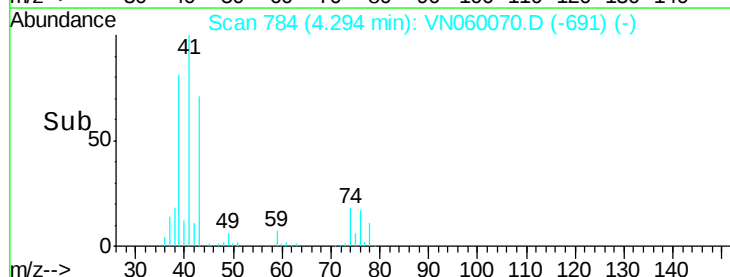
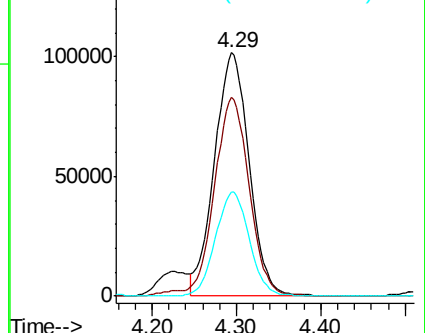
76 42.0 33.9 50.9

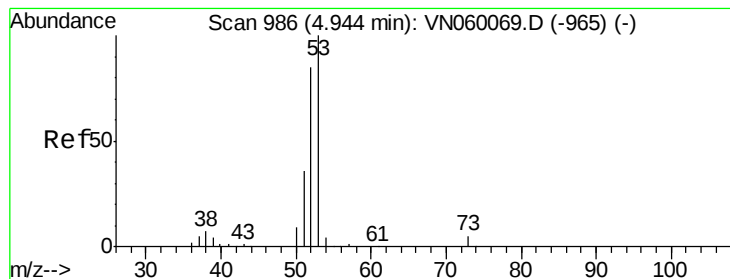


Abundance Ion 41.00 (40.70 to 41.70): VN060069.D (-770) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-770) (-)

Ion 75.90 (75.60 to 76.60): VN060069.D (-770) (-)





#15

Acrylonitrile

Concen: 548.586 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

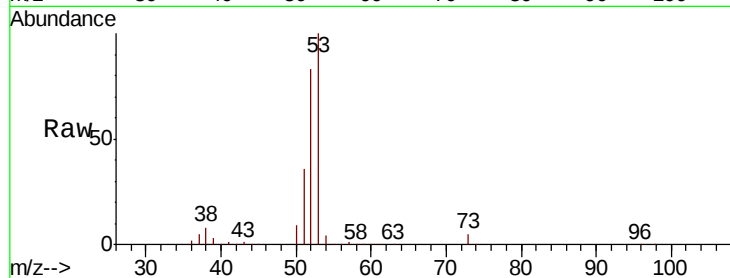
Tot Ion: 53 Resp: 509054

Ion Ratio Lower Upper

53 100

52 83.1 66.8 100.2

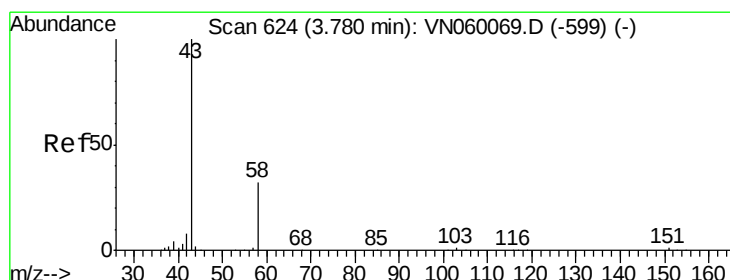
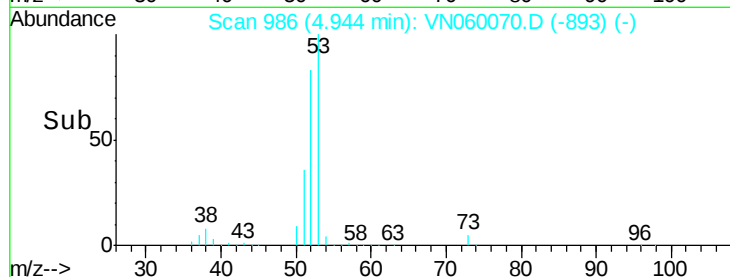
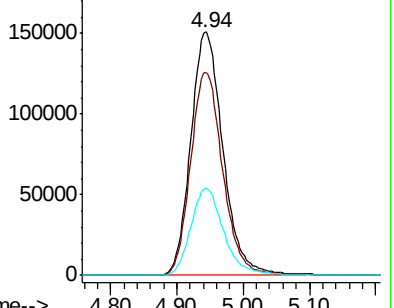
51 36.9 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060070.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060070.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060070.D (-893) (-)



#16

Acetone

Concen: 512.705 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060070.D

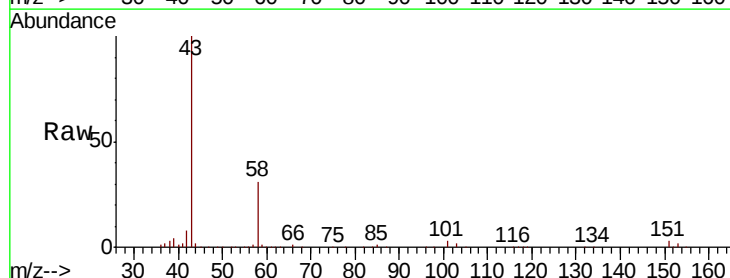
Acq: 12 Feb 2020 12:50

Tgt Ion: 43 Resp: 567853

Ion Ratio Lower Upper

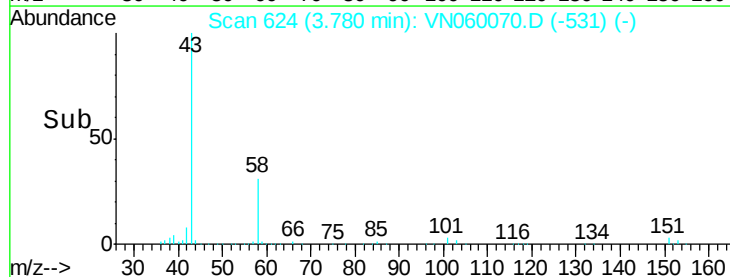
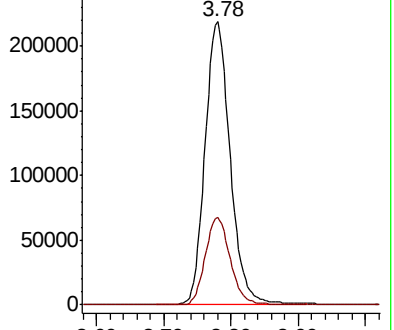
43 100

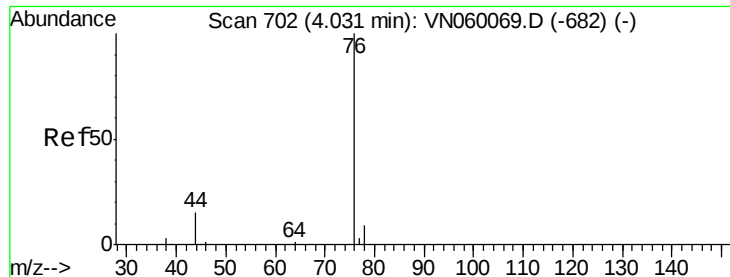
58 30.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060070.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060070.D (-531) (-)

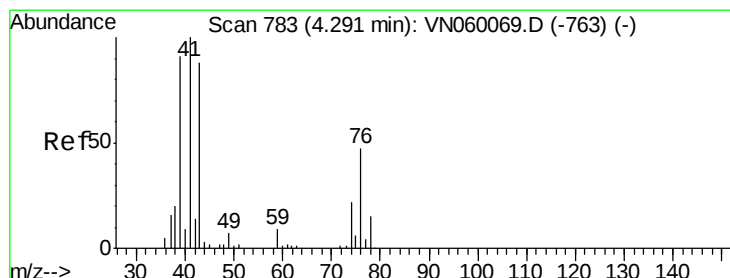
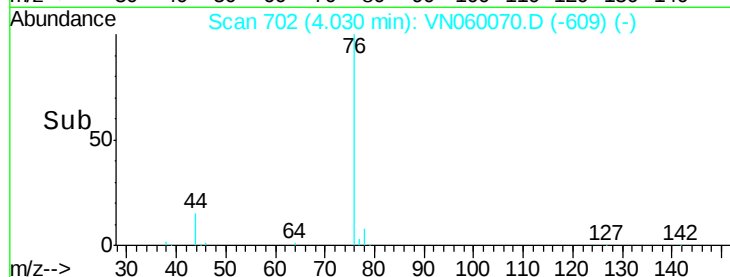
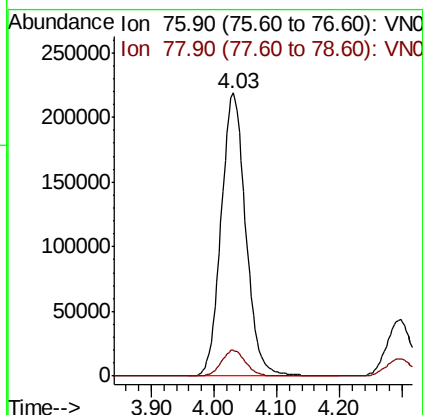
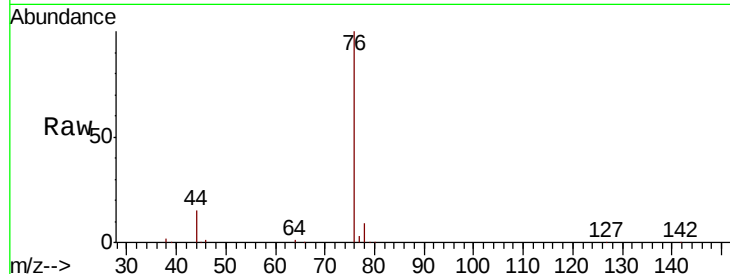




#17
Carbon Disulfide
Concen: 100.021 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

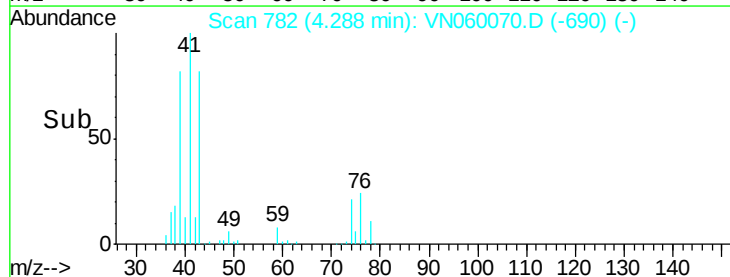
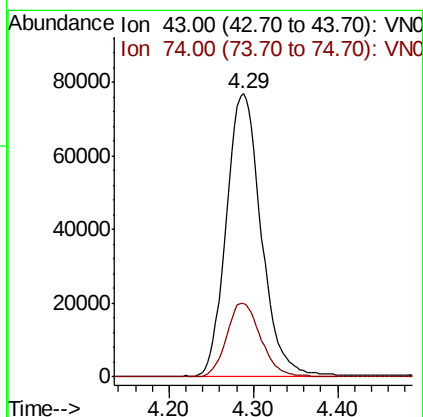
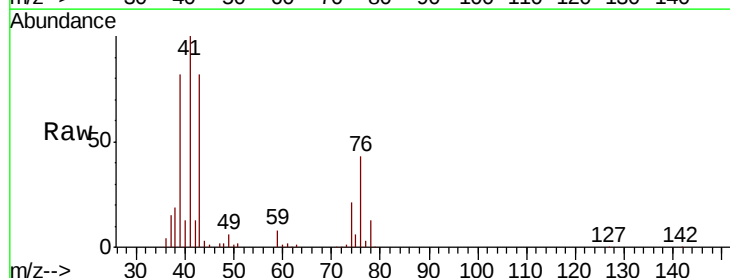
Instrument :
MSVOA_N
ClientSampleId :

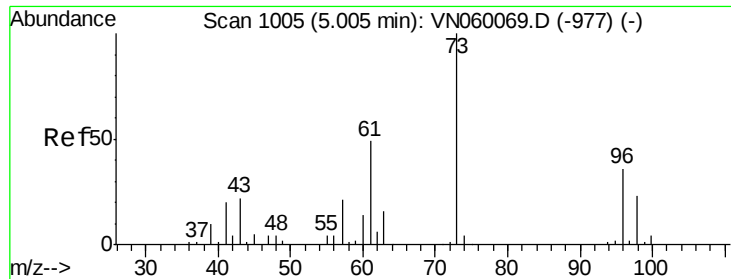
Tot Ion: 76 Resp: 594786
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 105.932 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 43 Resp: 220398
Ion Ratio Lower Upper
43 100
74 25.6 20.3 30.5

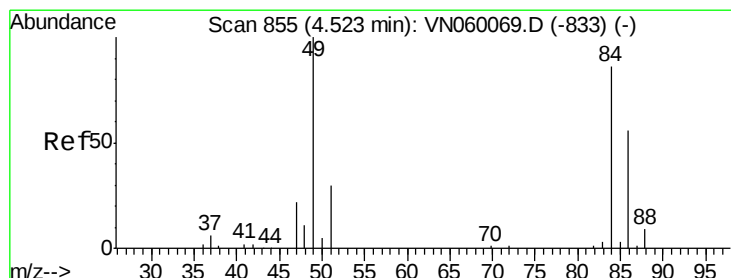
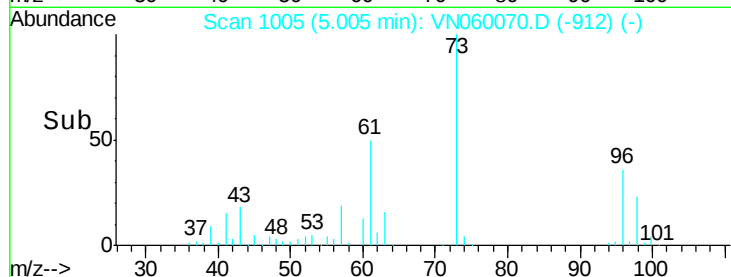
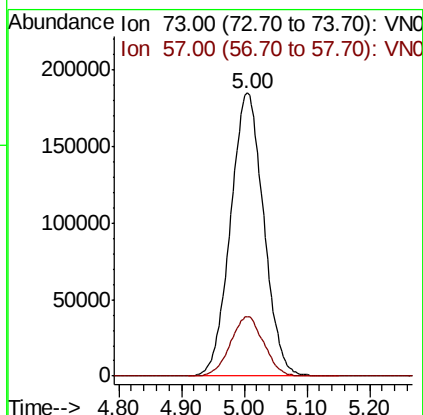
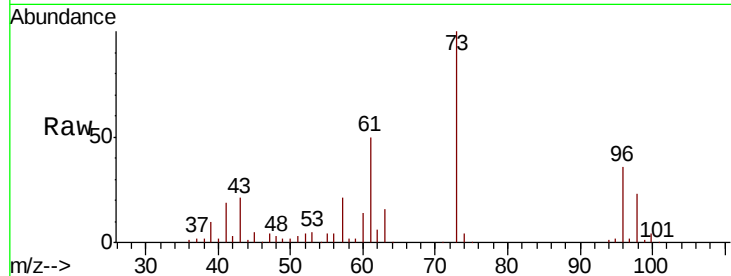




#19
Methvl tert-butvl Ether
Concen: 102.192 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

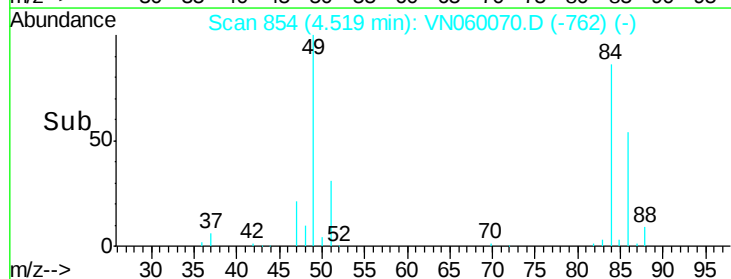
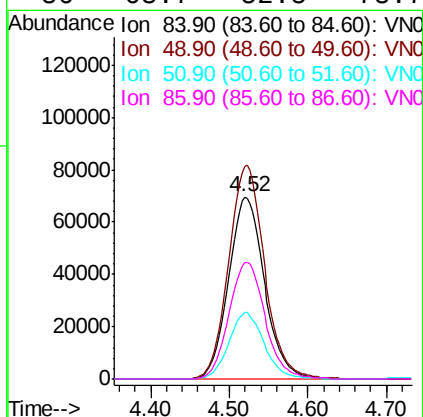
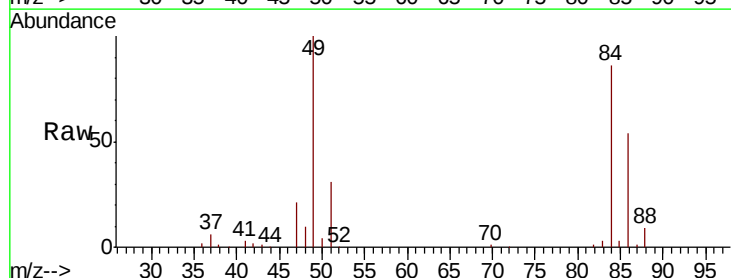
Instrument :
MSVOA_N
ClientSampleId :

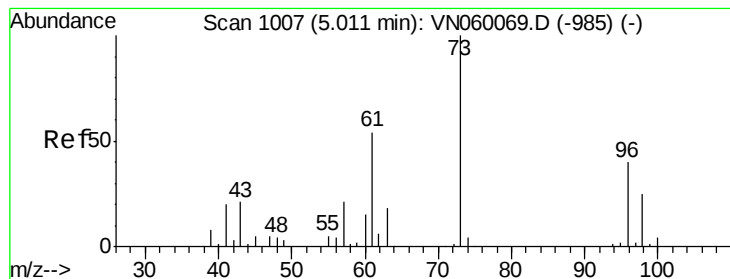
Tot Ion: 73 Resp: 678009
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8



#20
Methylene Chloride
Concen: 100.208 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 84 Resp: 221426
Ion Ratio Lower Upper
84 100
49 116.8 93.4 140.0
51 36.7 28.4 42.6
86 63.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 102.318 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :

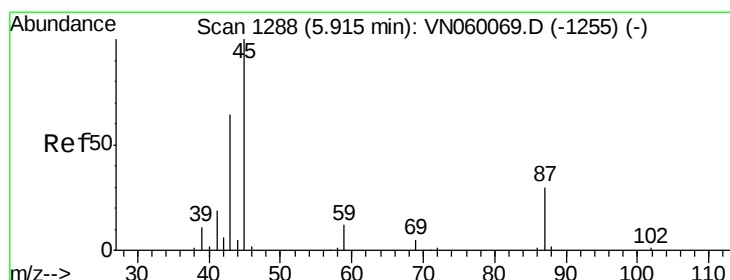
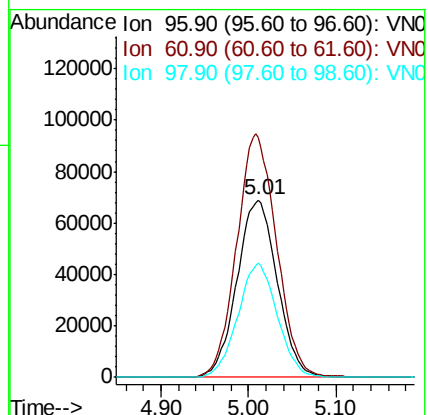
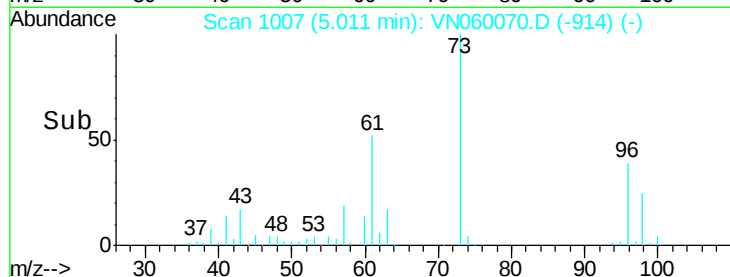
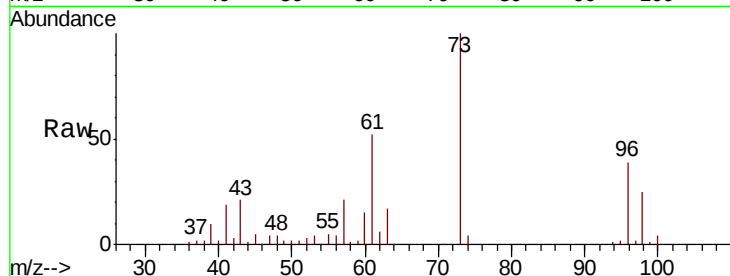
Tot Ion: 96 Resp: 220044

Ion Ratio Lower Upper

96 100

61 135.2 109.3 163.9

98 64.6 51.0 76.6



#22

Diisopropyl ether

Concen: 105.006 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Tgt Ion: 45 Resp: 668252

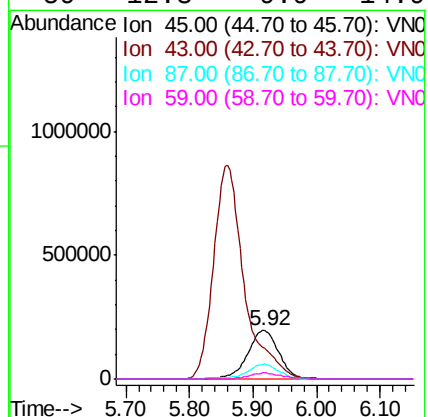
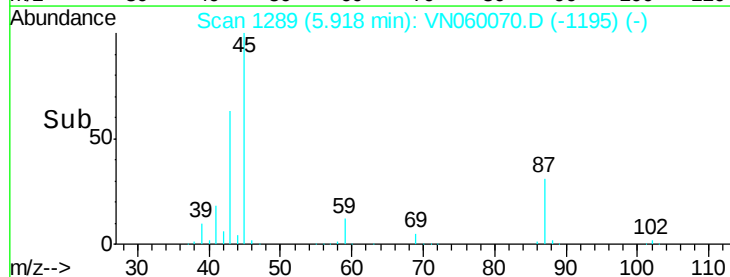
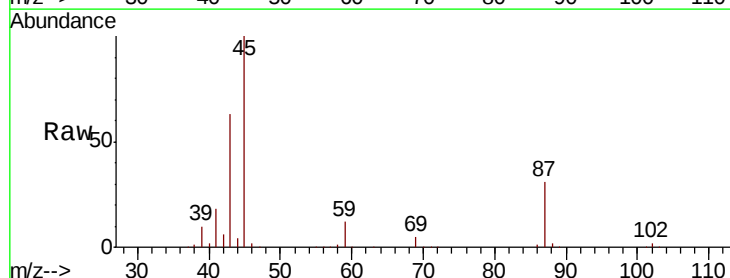
Ion Ratio Lower Upper

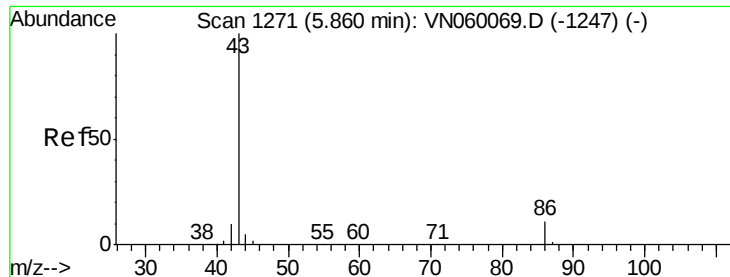
45 100

43 62.6 55.9 83.9

87 30.6 24.5 36.7

59 12.3 9.9 14.9

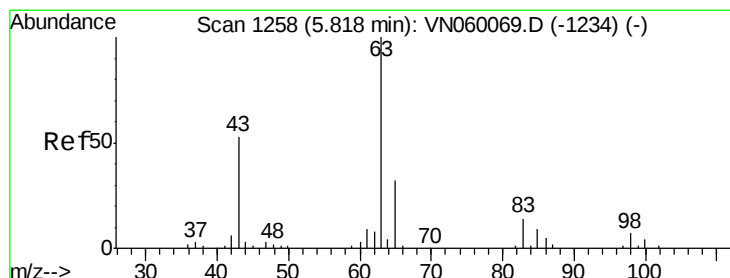
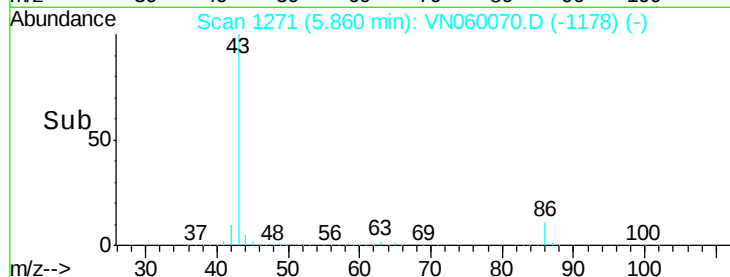
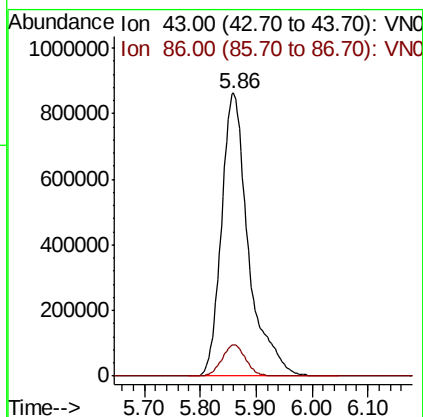
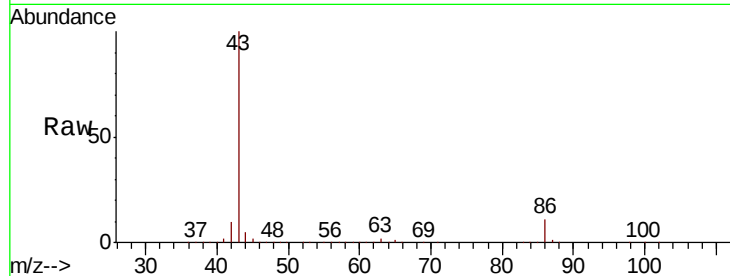




#23
 Vinyl Acetate
 Concen: 541.775 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

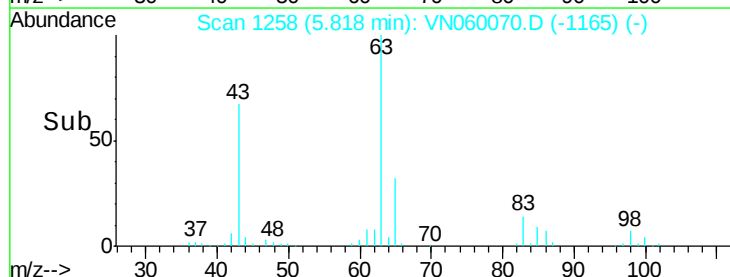
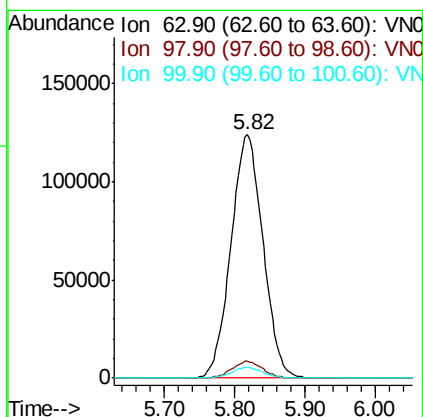
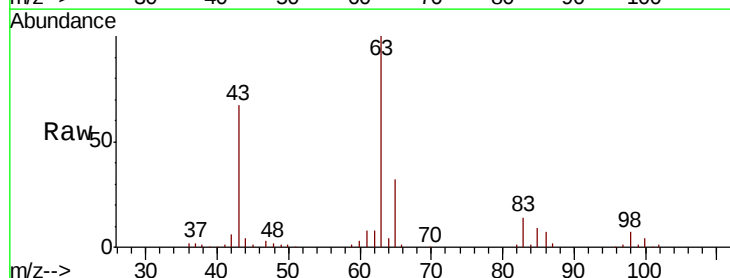
Instrument :
 MSVOA_N
 ClientSampleId :

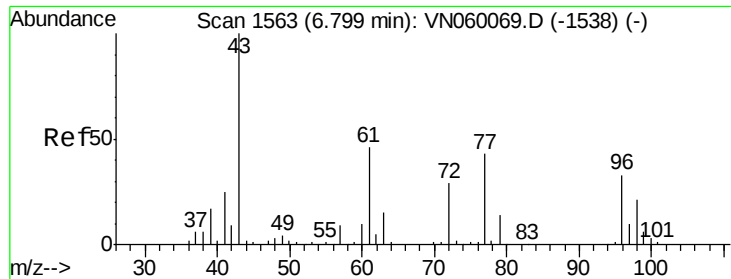
Tot Ion: 43 Resp: 2895366
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 102.088 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion: 63 Resp: 393568
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.2 6.6

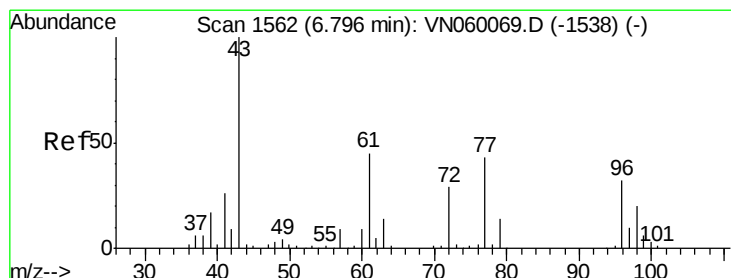
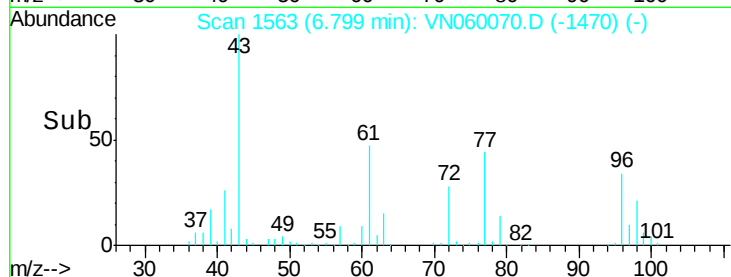
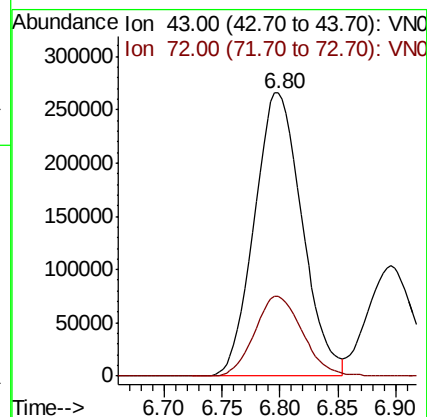
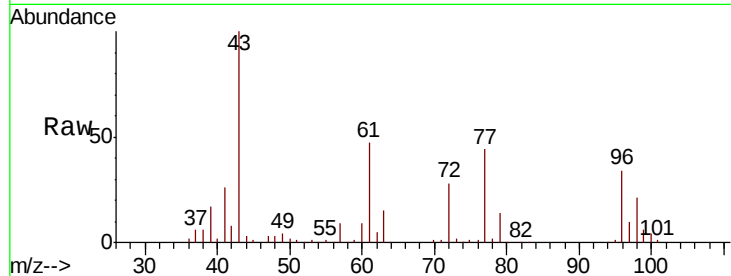




#25
2-Butanone
Concen: 546.245 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

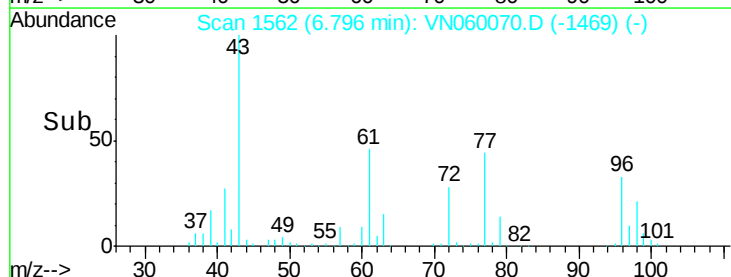
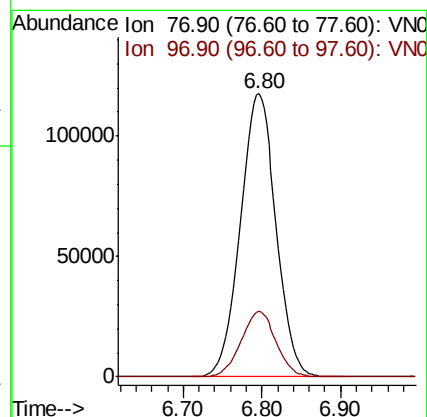
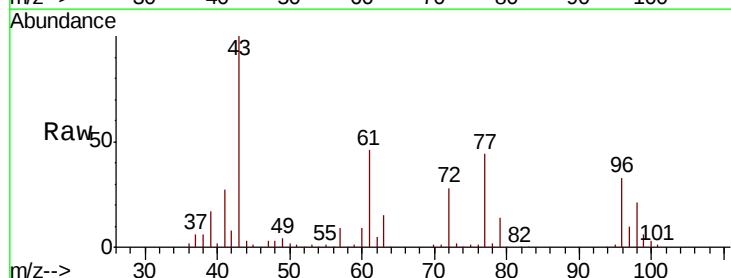
Instrument :
MSVOA_N
ClientSampleId :

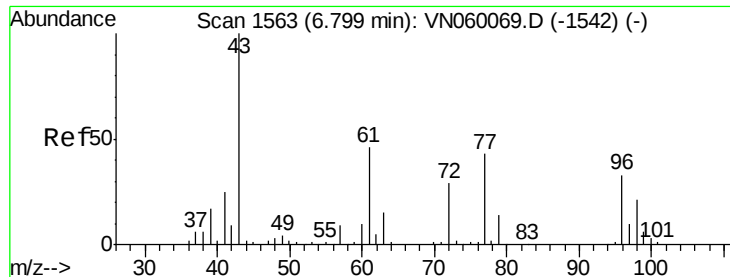
Tot Ion: 43 Resp: 760895
Ion Ratio Lower Upper
43 100
72 28.1 23.3 34.9



#26
2,2-Dichloropropane
Concen: 101.773 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 77 Resp: 372663
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 101.479 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :

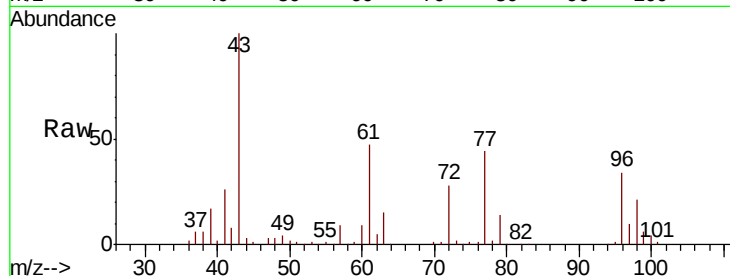
Tot Ion: 96 Resp: 255410

Ion Ratio Lower Upper

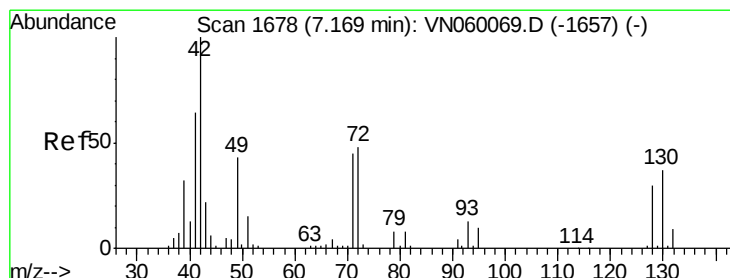
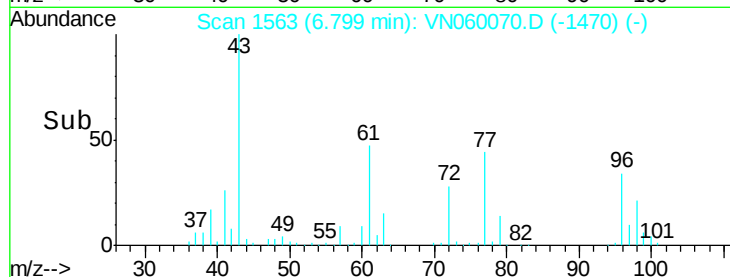
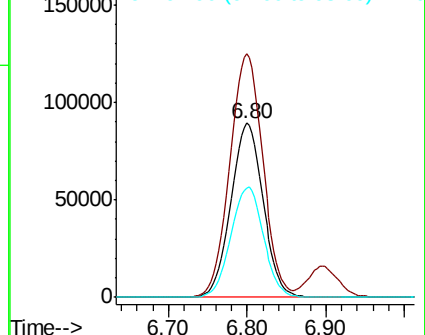
96 100

61 143.1 0.0 285.8

98 64.2 0.0 129.6



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



#28

Bromochloromethane

Concen: 102.876 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

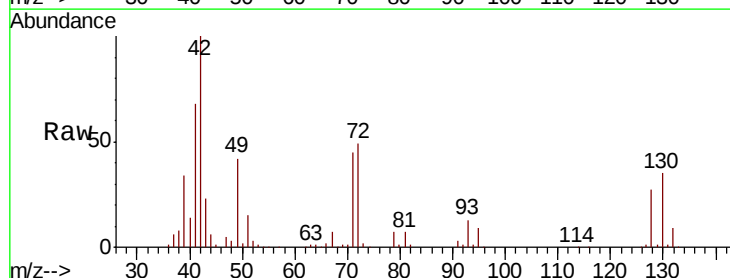
Tgt Ion: 49 Resp: 155921

Ion Ratio Lower Upper

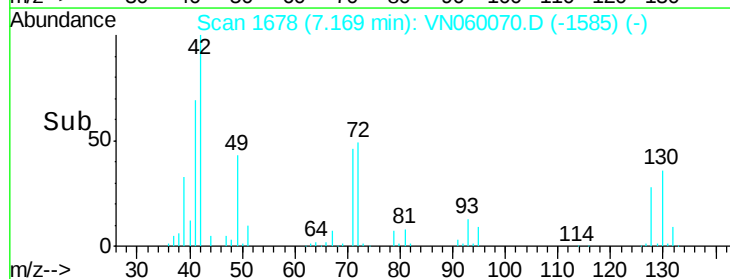
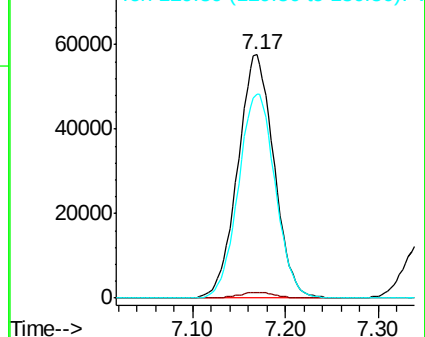
49 100

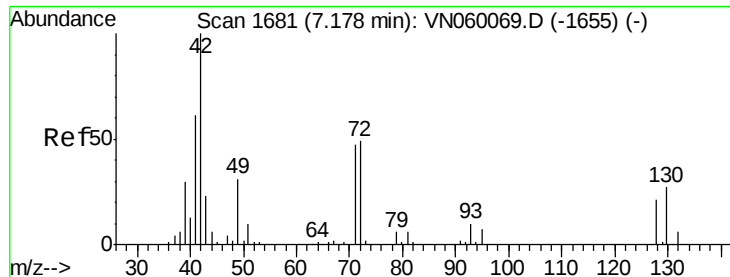
129 2.3 0.0 2.2#

130 85.3 66.8 100.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

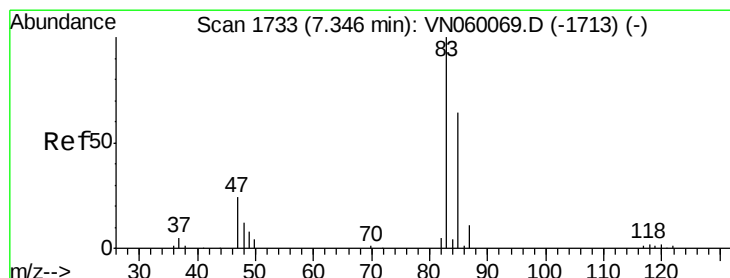
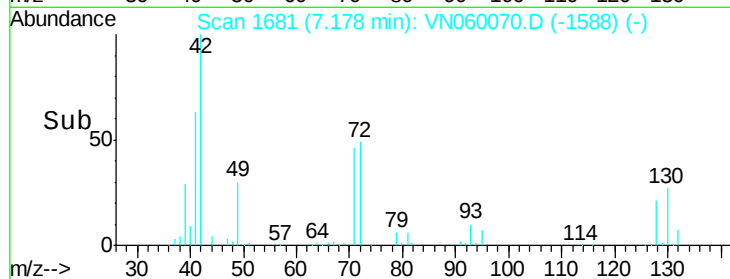
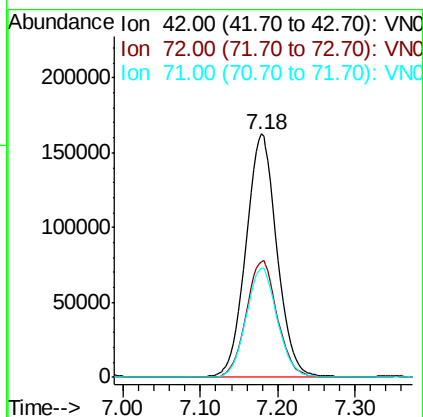
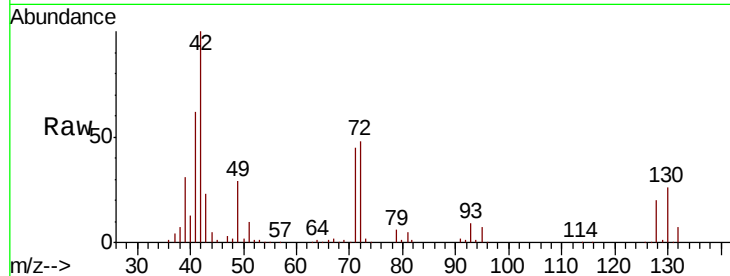




#29
Tetrahydrofuran
Concen: 533.236 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

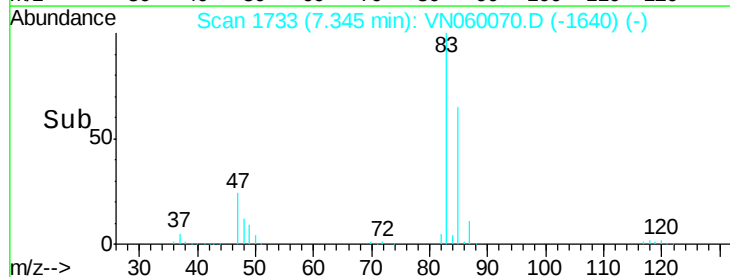
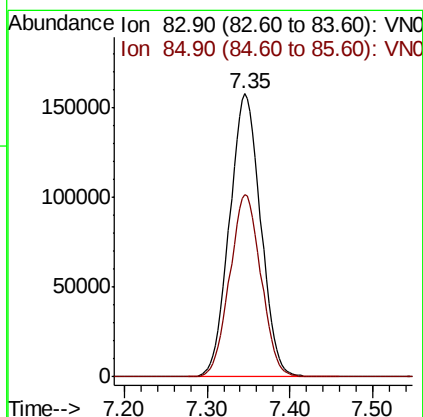
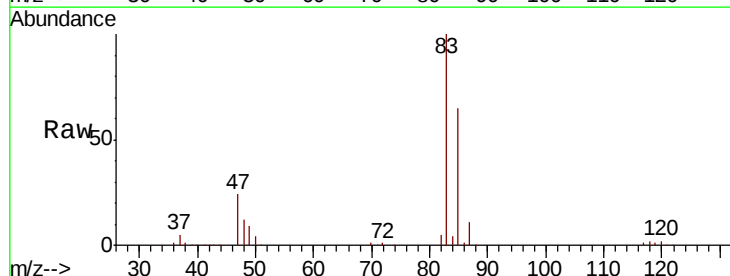
Instrument :
MSVOA_N
ClientSampled :

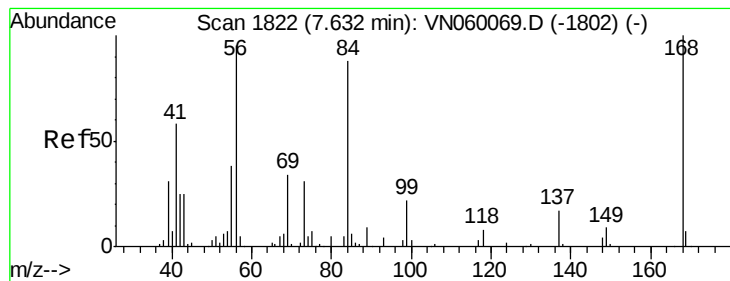
Tot Ion: 42 Resp: 455677
Ion Ratio Lower Upper
42 100
72 48.0 38.2 57.4
71 45.2 36.6 54.8



#30
Chloroform
Concen: 102.195 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 83 Resp: 412706
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0





#31

Cyclohexane

Concen: 98.224 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :
MSVOA_N
ClientSampled :

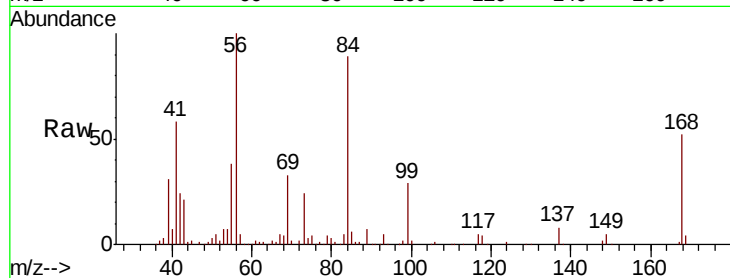
Tot Ion: 56 Resp: 352746

Ion Ratio Lower Upper

56 100

69 33.3 28.3 42.5

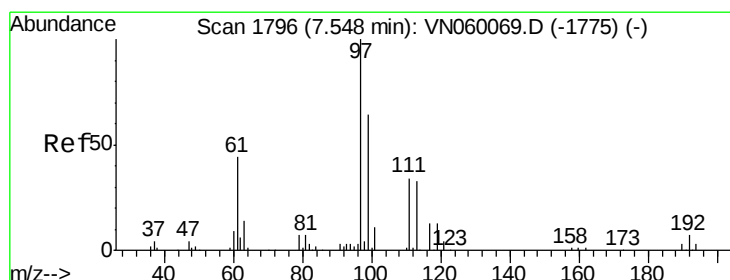
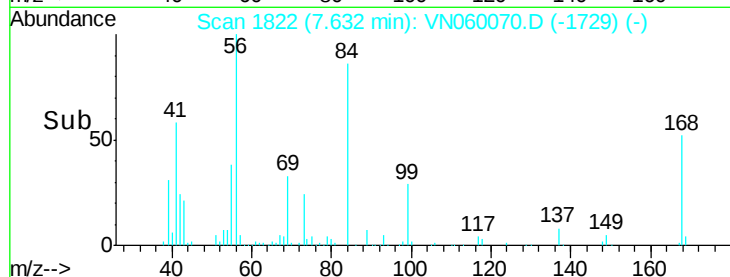
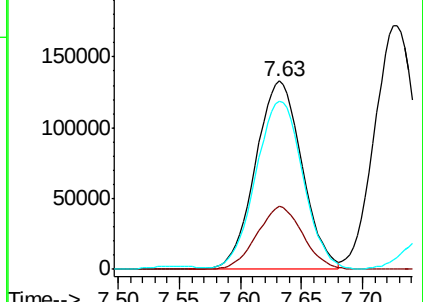
84 87.8 72.6 108.8



Abundance Ion 56.00 (55.70 to 56.70): VN060070.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060070.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060070.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 102.485 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

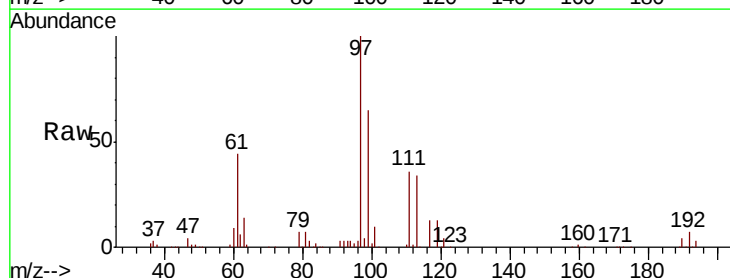
Tgt Ion: 97 Resp: 378213

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

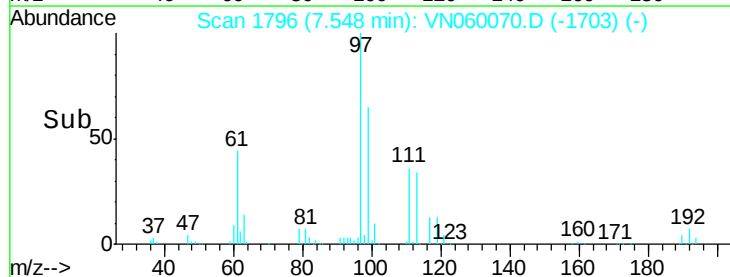
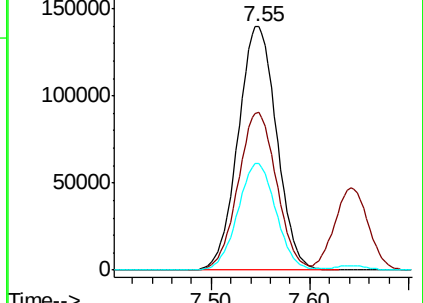
61 43.3 34.9 52.3

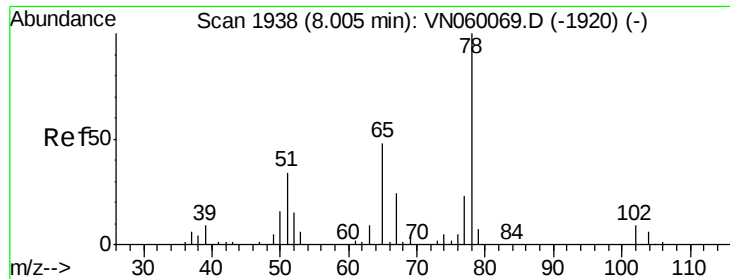


Abundance Ion 96.90 (96.60 to 97.60): VN060070.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060070.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060070.D (-1703) (-)

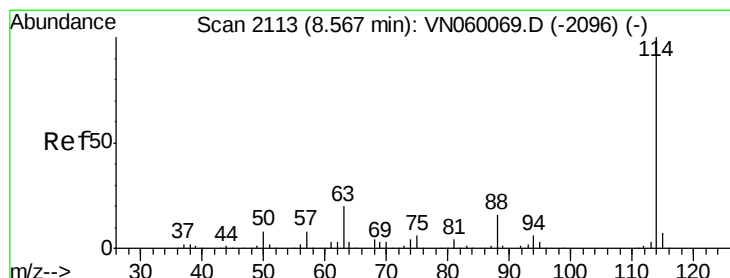
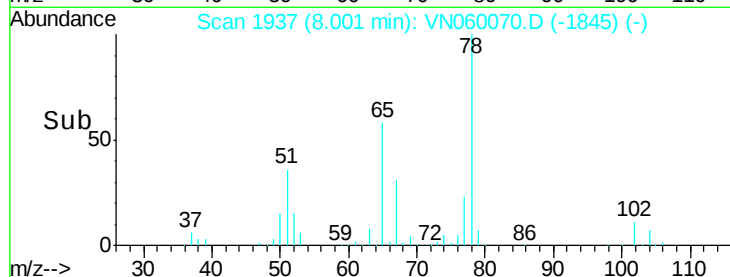
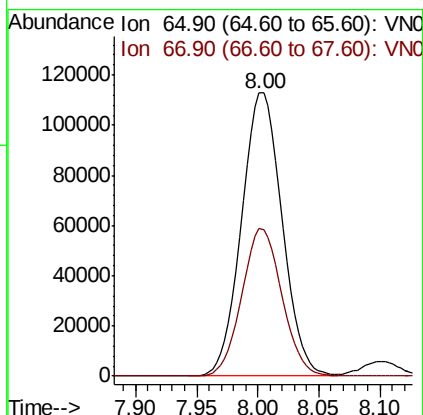
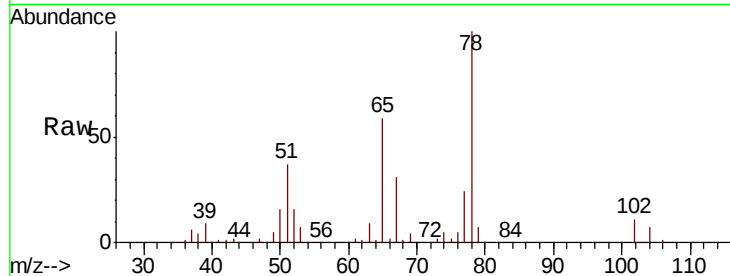




#33
 1,2-Dichloroethane-d4
 Concen: 102.477 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

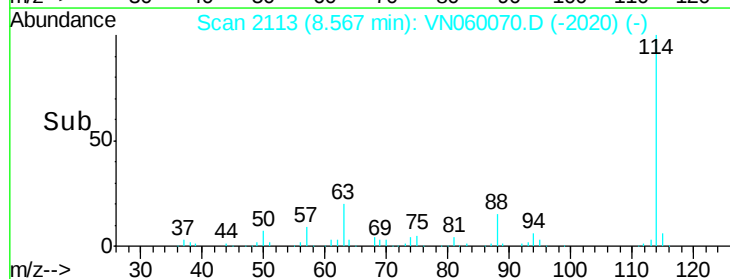
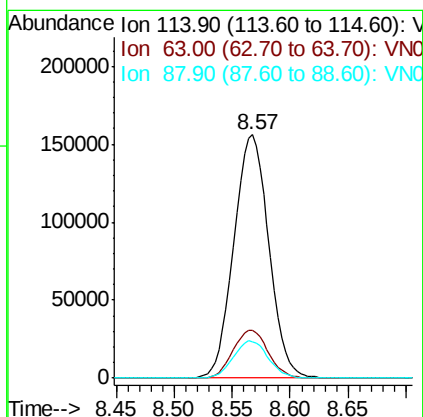
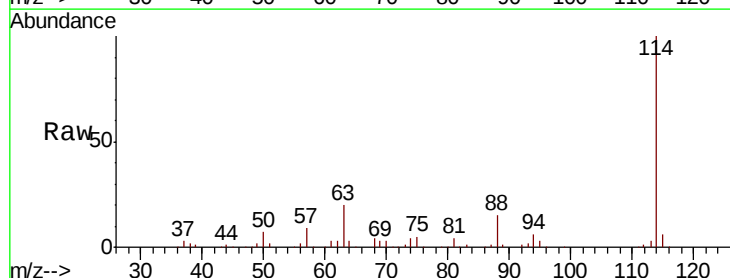
Instrument :
 MSVOA_N
 ClientSampleId :

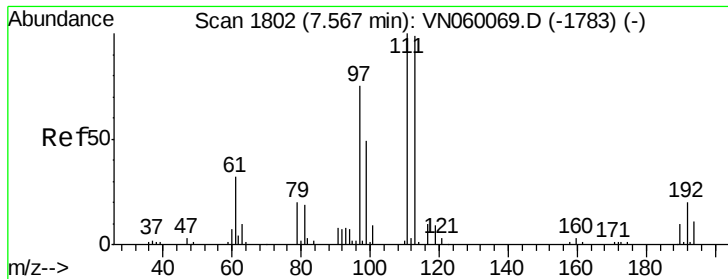
Tot Ion: 65 Resp: 260205
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion: 114 Resp: 326769
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.1 0.0 31.6

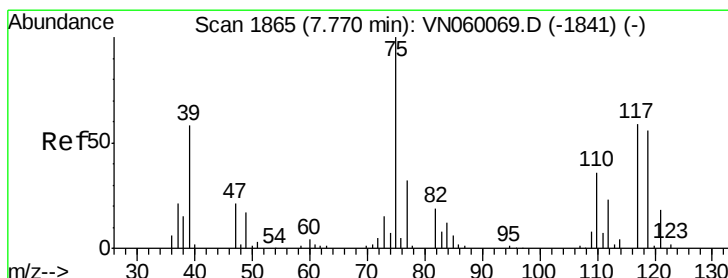
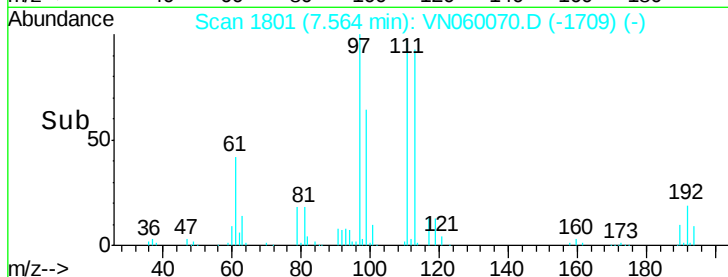
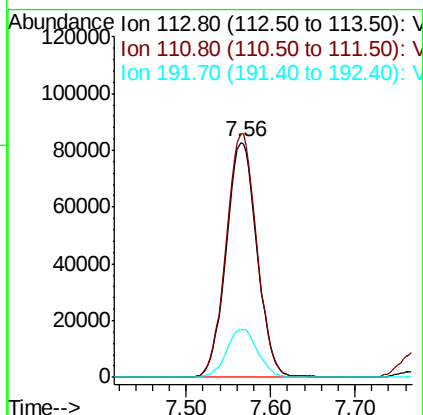
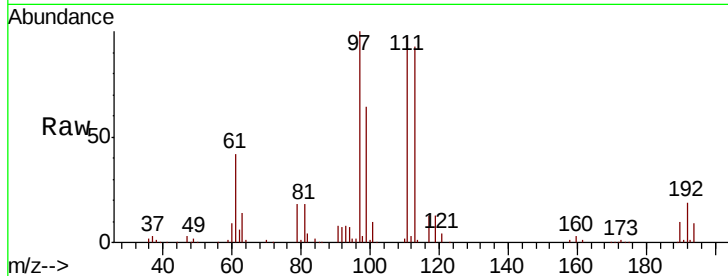




#35
 Dibromofluoromethane
 Concen: 104.514 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

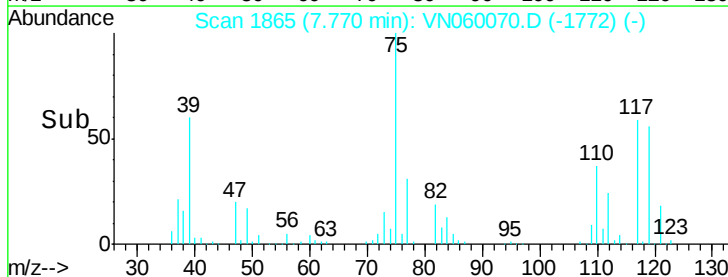
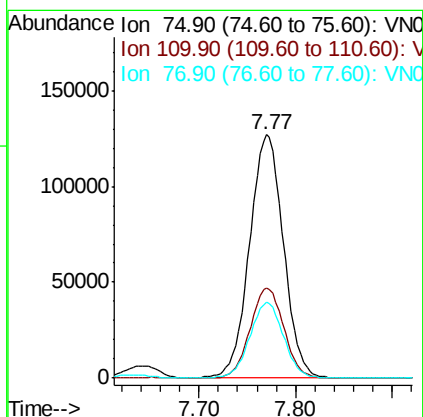
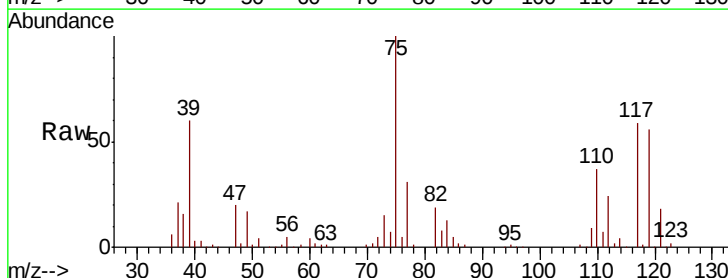
Instrument :
 MSVOA_N
 ClientSampled :

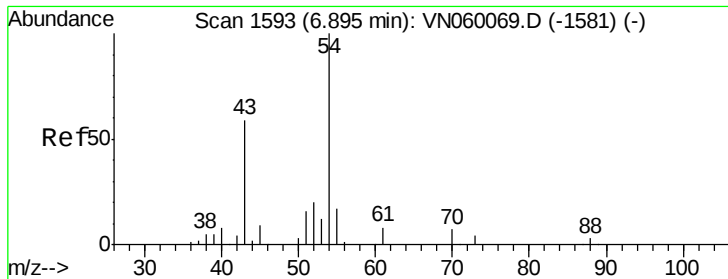
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.2
192	20.7	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 101.753 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.3
77	31.1	25.1	37.7

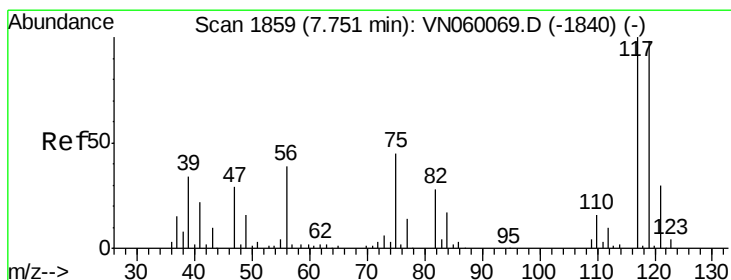
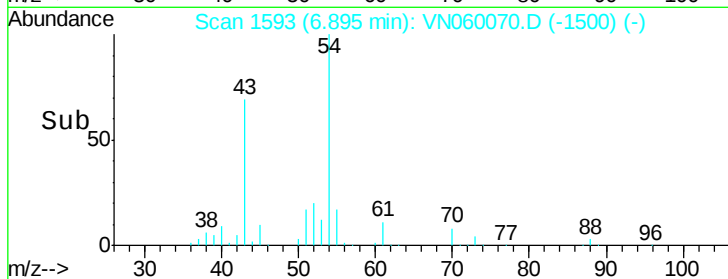
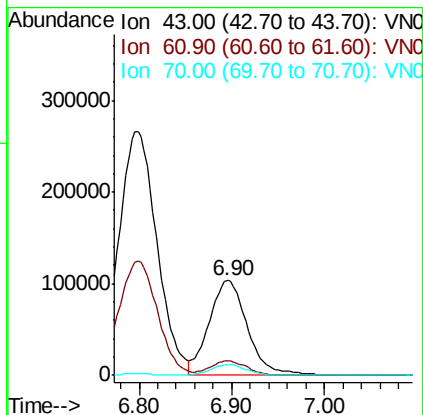
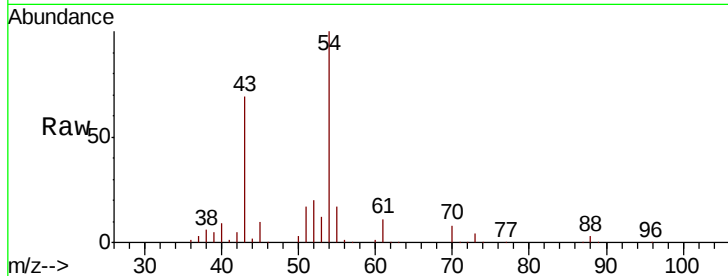




#37
Ethyl Acetate
Concen: 107.231 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

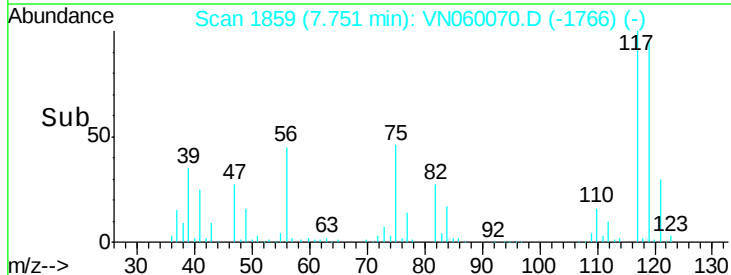
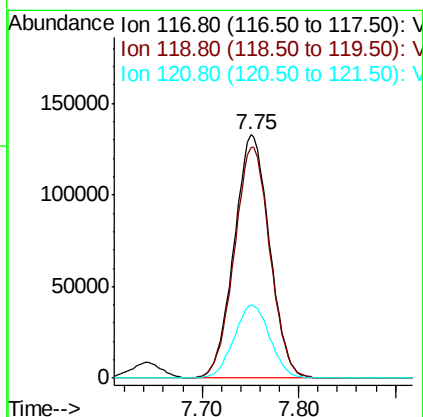
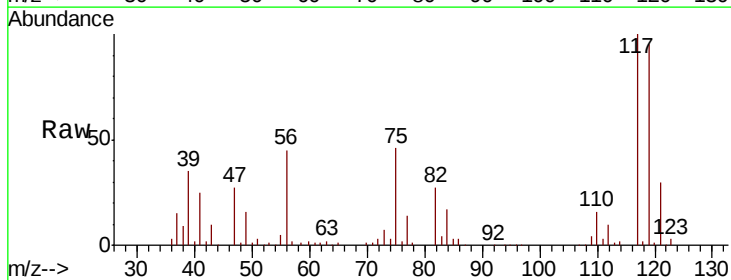
Instrument :
MSVOA_N
ClientSampled :

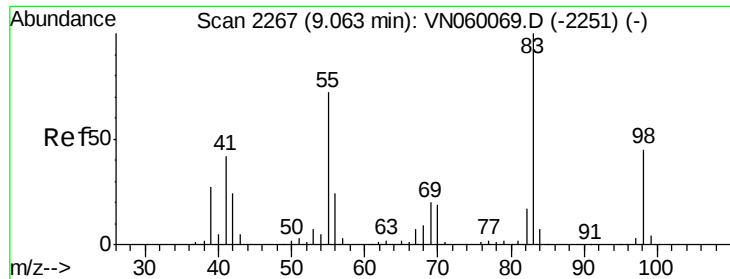
Tot Ion: 43 Resp: 293322
Ion Ratio Lower Upper
43 100
61 14.9 11.4 17.2
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 103.020 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 117 Resp: 338636
Ion Ratio Lower Upper
117 100
119 94.6 78.2 117.4
121 30.1 24.2 36.2

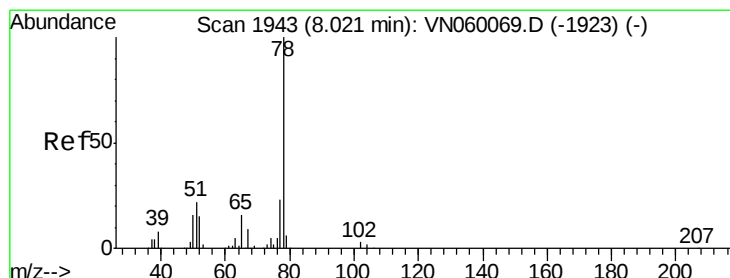
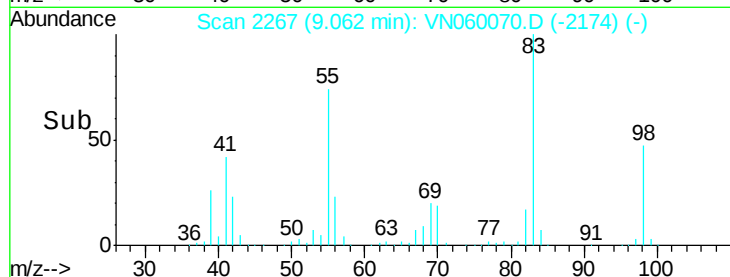
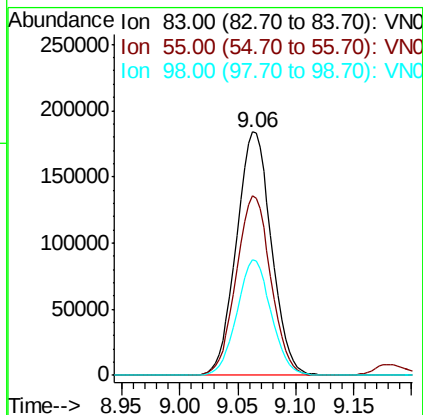
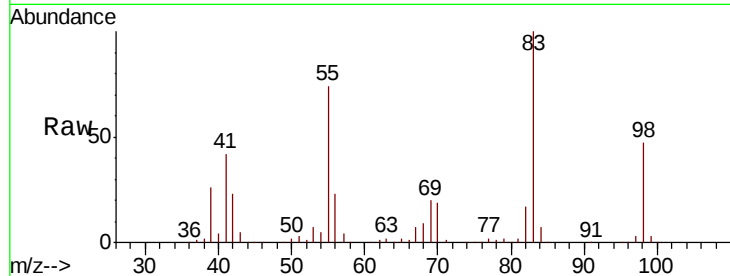




#39
Methvlcvclohexane
Concen: 102.862 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

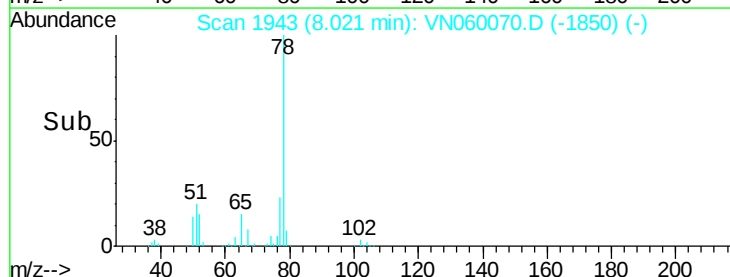
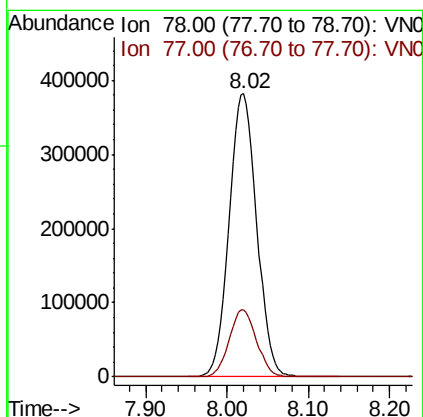
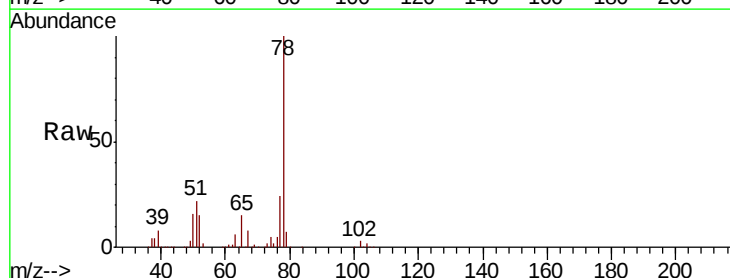
Instrument :
MSVOA_N
ClientSampled :

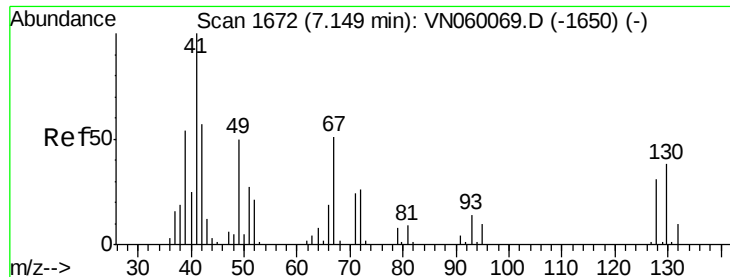
Tot Ion	83.00	Resp	386463
Ion	Ratio	Lower	Upper
83	100		
55	73.6	57.8	86.8
98	47.3	36.4	54.6



#40
Benzene
Concen: 100.750 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion	78.00	Resp	904558
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

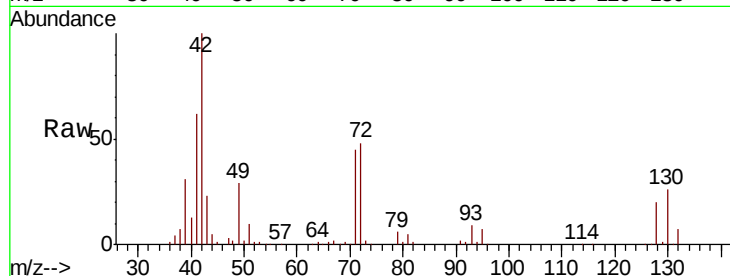




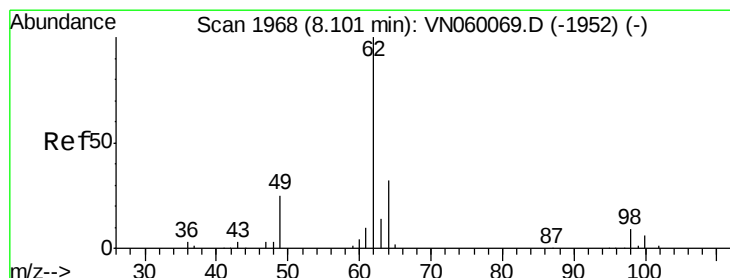
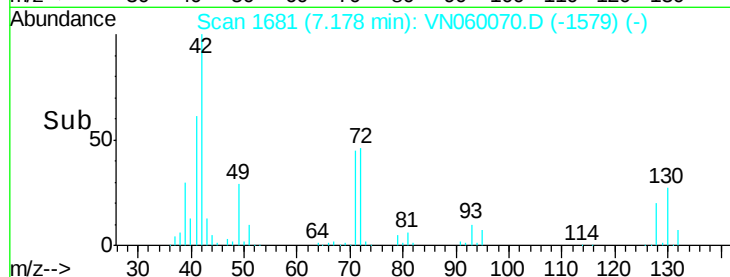
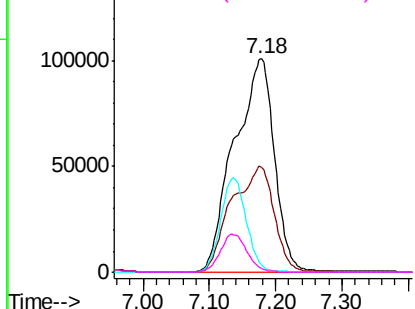
#41
Methacrylonitrile
Concen: 140.815 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 424353
Ion Ratio Lower Upper
41 100
39 52.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

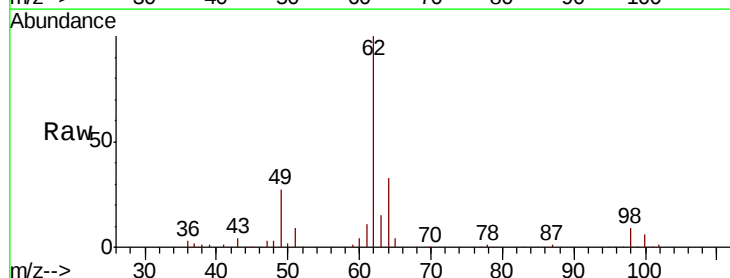


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

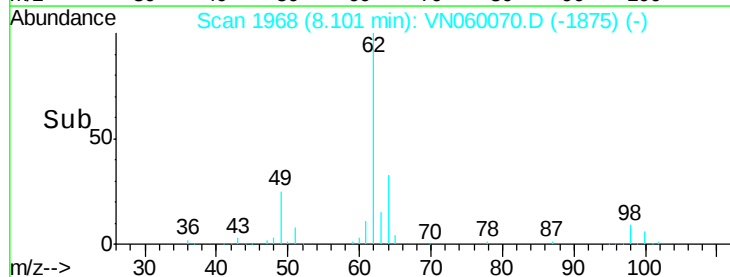
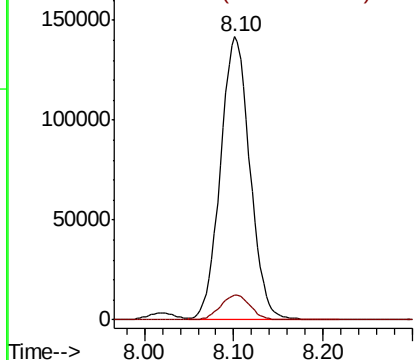


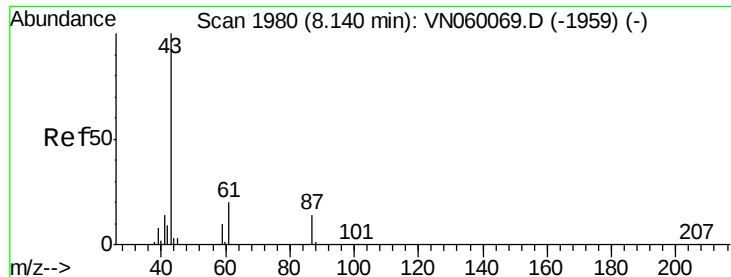
#42
1,2-Dichloroethane
Concen: 103.256 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 62 Resp: 324920
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.2



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





#43

Isopropyl Acetate

Concen: 106.524 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

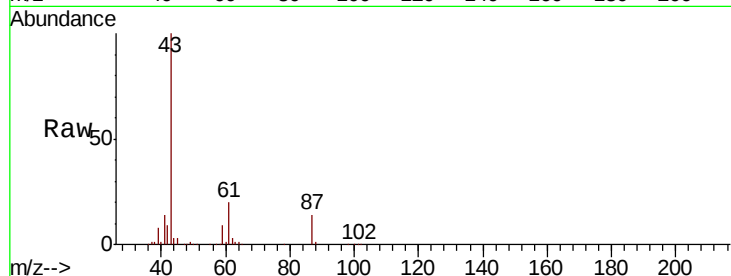
Tot Ion: 43 Resp: 498102

Ion Ratio Lower Upper

43 100

61 26.8 21.8 32.6

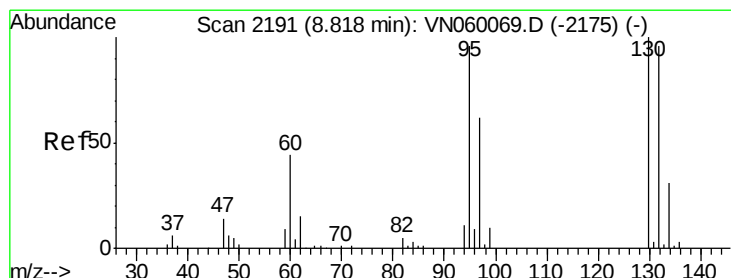
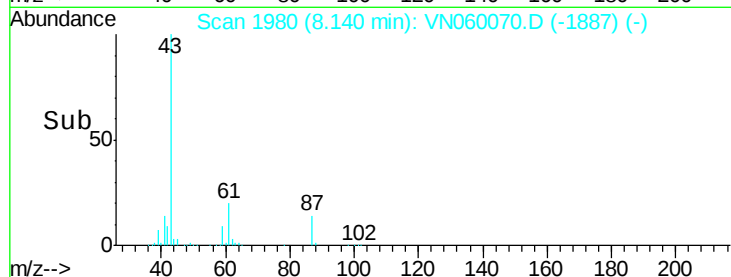
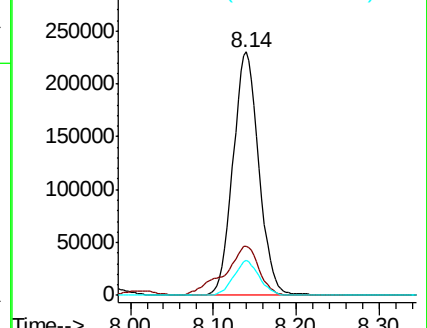
87 14.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#44

Trichloroethene

Concen: 100.374 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060070.D

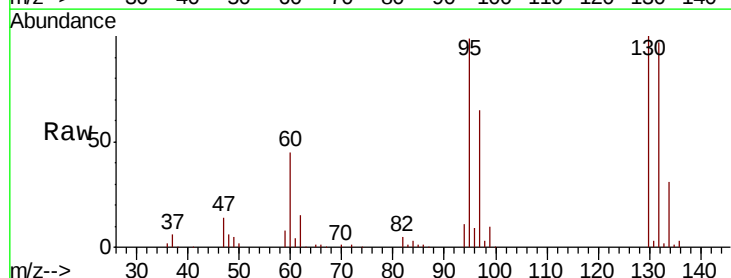
Acq: 12 Feb 2020 12:50

Tgt Ion:130 Resp: 249533

Ion Ratio Lower Upper

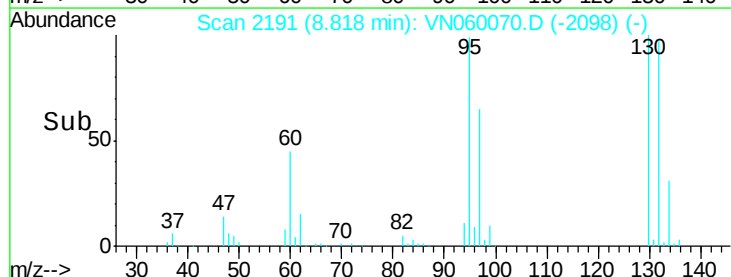
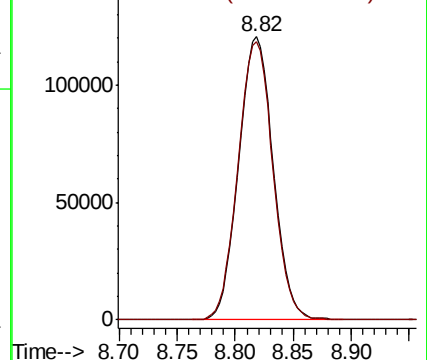
130 100

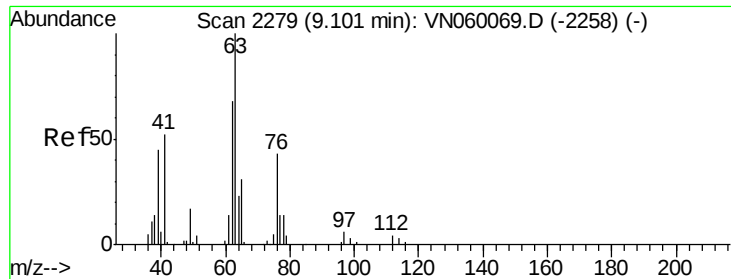
95 98.5 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): VN060069.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060069.D (-2175) (-)

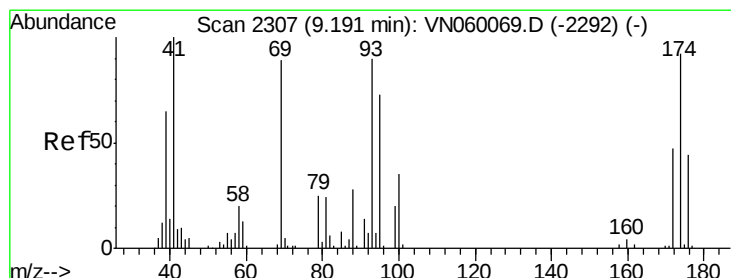
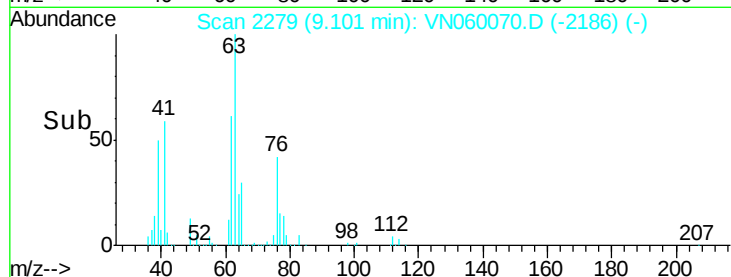
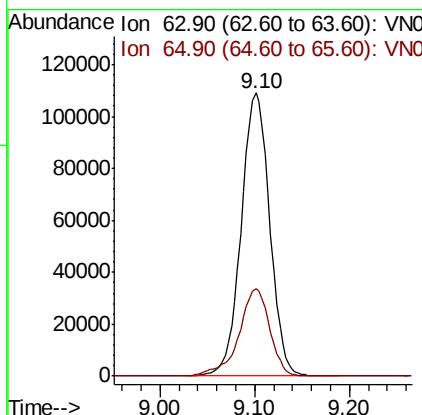
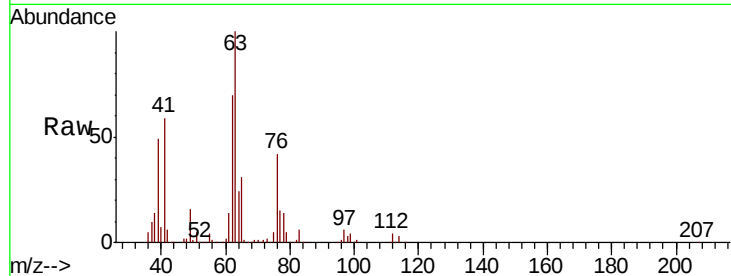




#45
 1,2-Dichloropropane
 Concen: 102.880 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

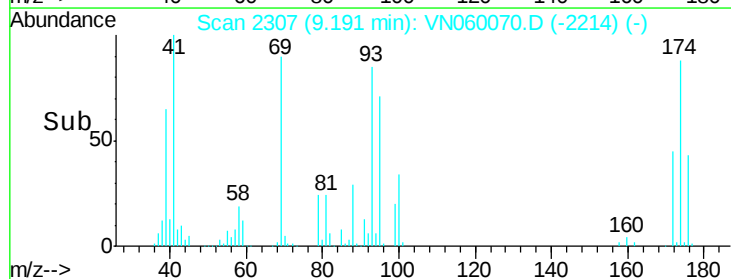
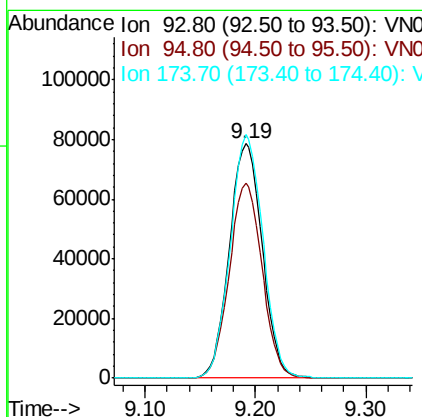
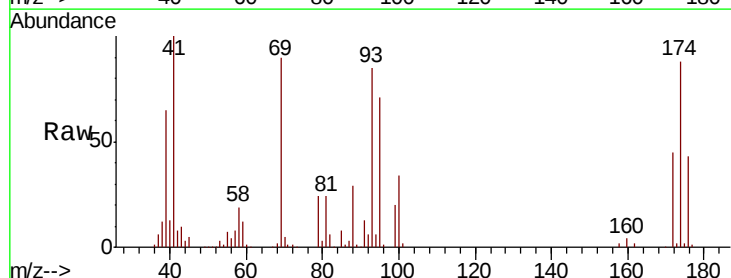
Instrument :
 MSVOA_N
 ClientSampleId :

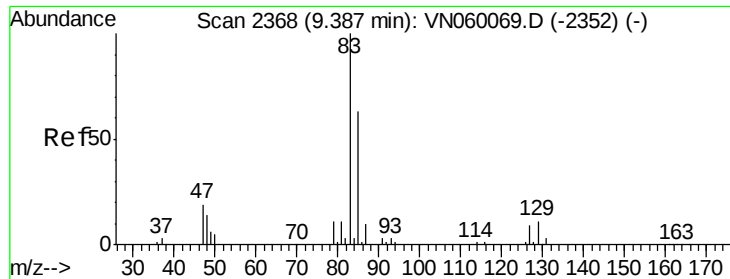
Tot Ion: 63 Resp: 228680
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4



#46
 Dibromomethane
 Concen: 103.725 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion: 93 Resp: 162929
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.0 97.6
 174 103.1 82.3 123.5





#47

Bromodichloromethane

Concen: 104.698 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

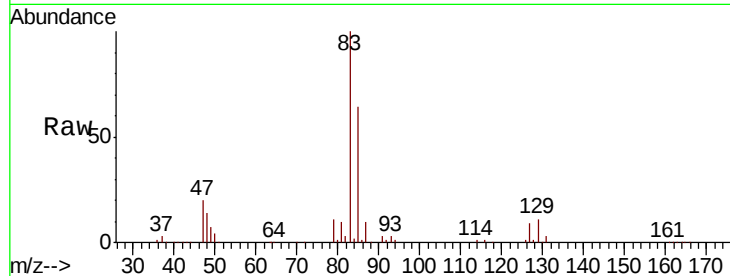
Tot Ion: 83 Resp: 334354

Ion Ratio Lower Upper

83 100

85 64.4 50.6 75.8

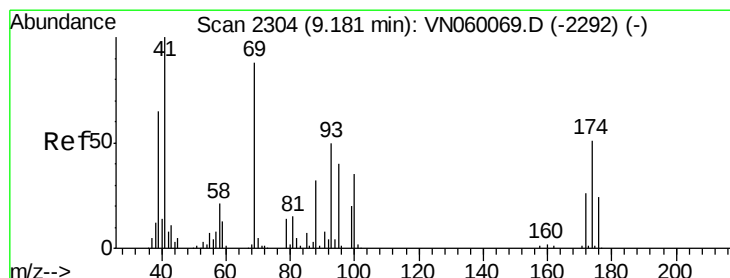
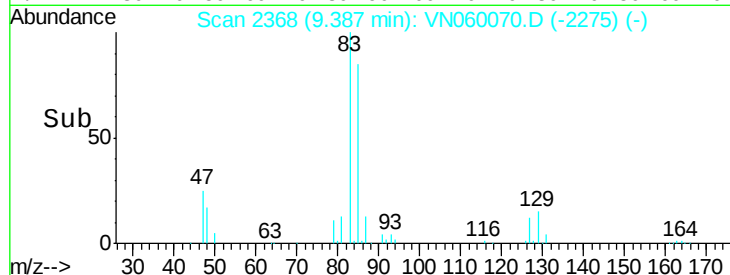
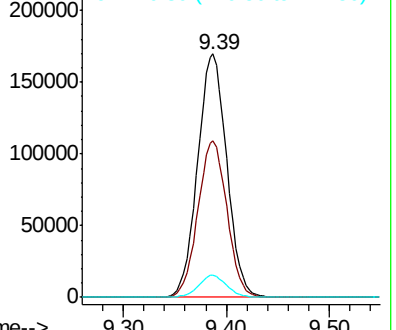
127 9.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 108.719 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

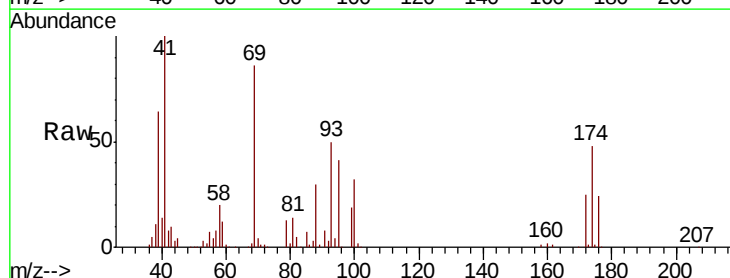
Tgt Ion: 41 Resp: 228087

Ion Ratio Lower Upper

41 100

69 90.3 72.0 108.0

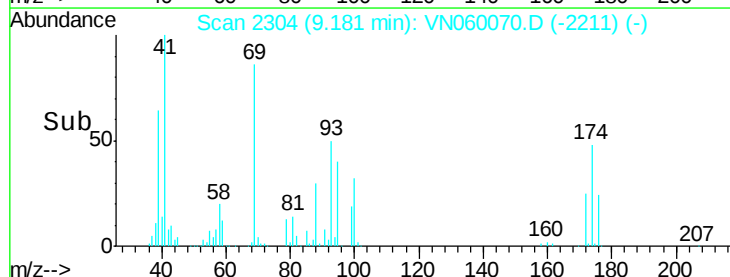
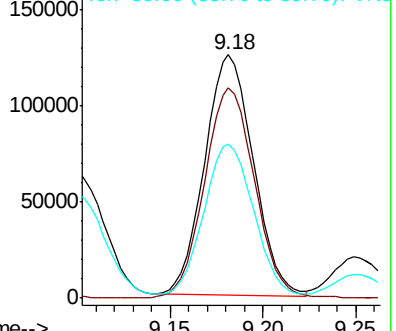
39 66.7 54.1 81.1

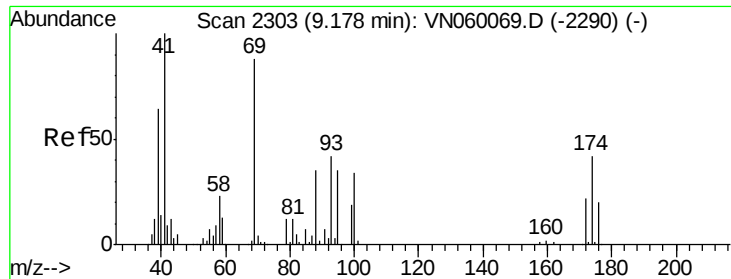


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

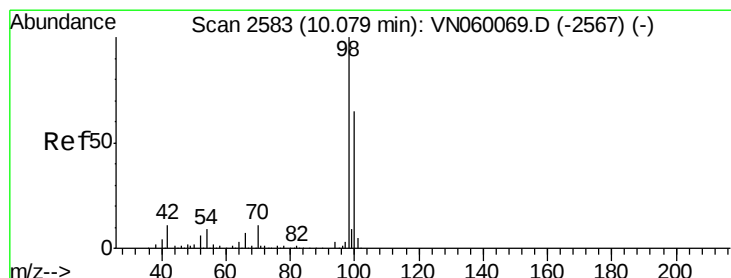
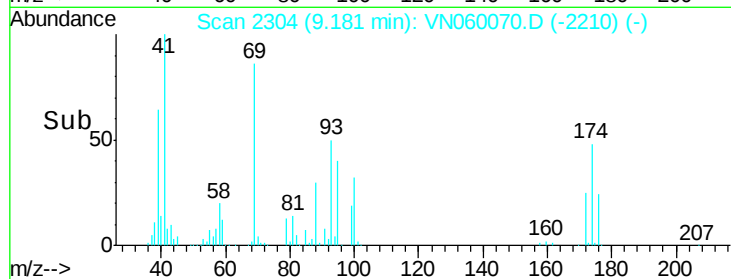
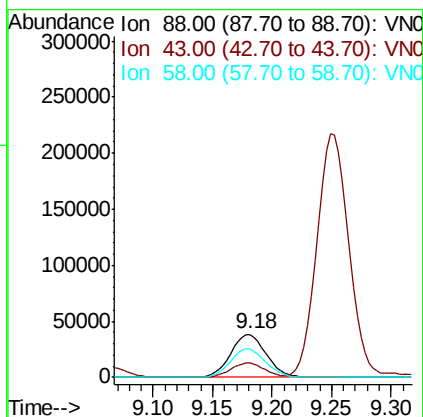
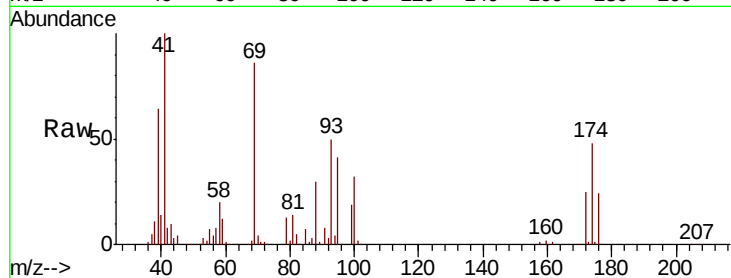




#49
1,4-Dioxane
Concen: 2212.860 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

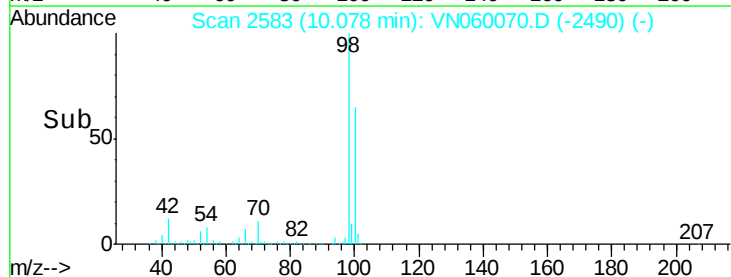
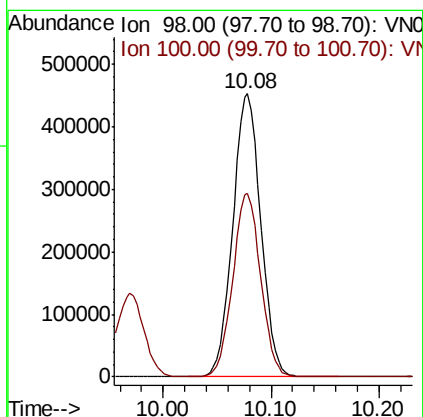
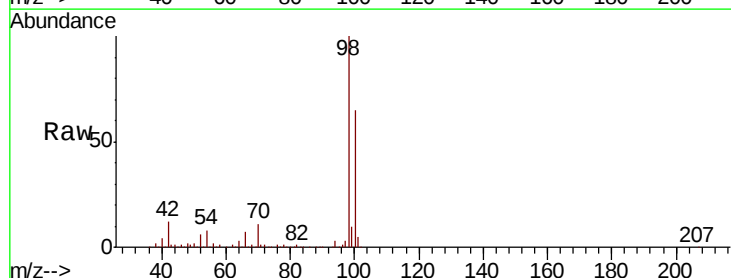
Instrument :
MSVOA_N
ClientSampled :

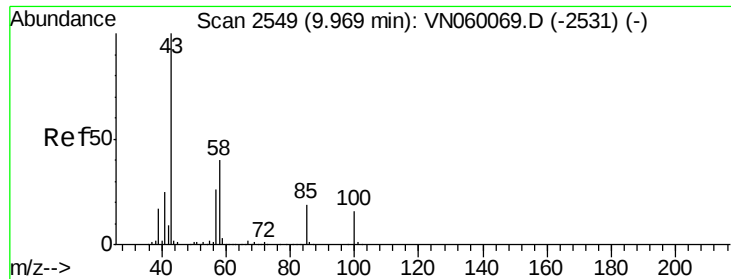
Tot Ion: 88 Resp: 79321
Ion Ratio Lower Upper
88 100
43 32.7 26.2 39.2
58 65.2 53.2 79.8



#50
Toluene-d8
Concen: 103.618 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 98 Resp: 819614
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 543.562 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

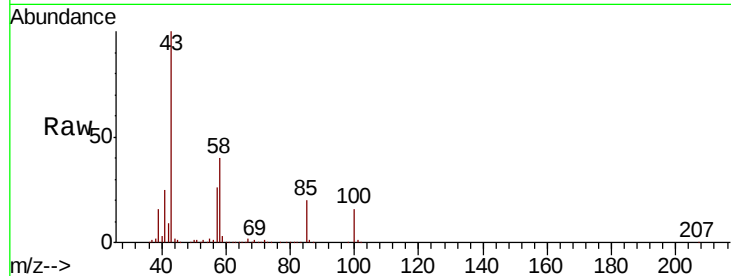
ClientSampleId :

Tot Ion: 43 Resp: 1471165

Ion Ratio Lower Upper

43 100

58 40.1 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D

Ion 58.00 (57.70 to 58.70): VN060069.D

9.97

800000

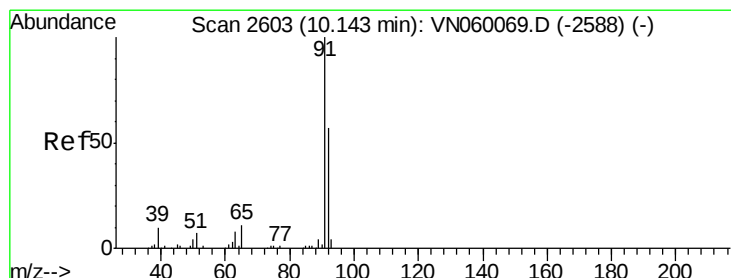
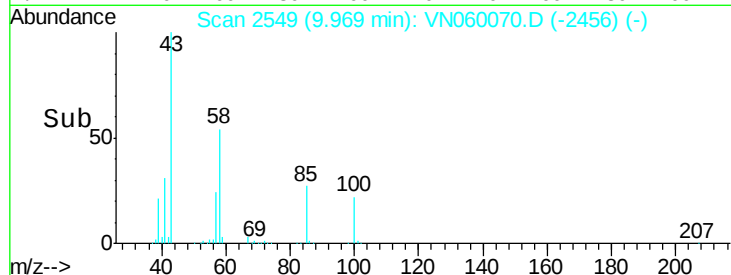
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 103.932 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060070.D

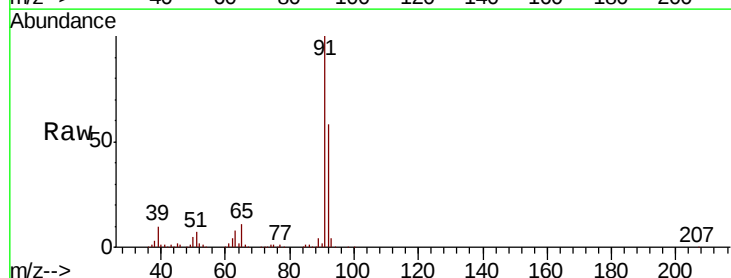
Acq: 12 Feb 2020 12:50

Tgt Ion: 92 Resp: 598379

Ion Ratio Lower Upper

92 100

91 172.6 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN060069.D

Ion 91.00 (90.70 to 91.70): VN060069.D

10.14

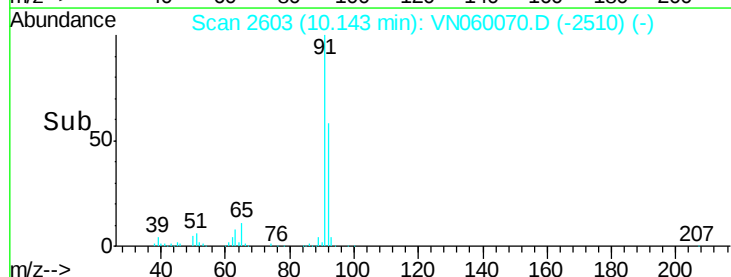
600000

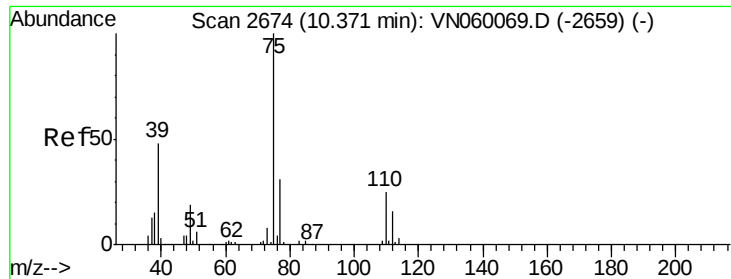
400000

200000

0

Time-->

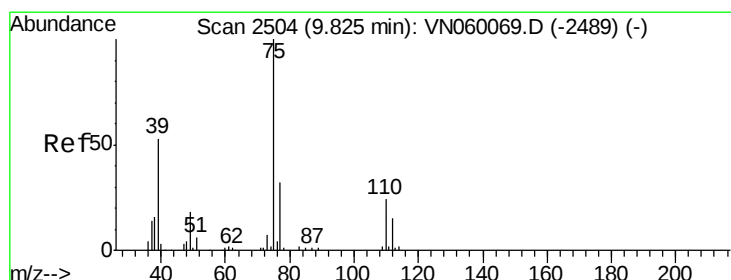
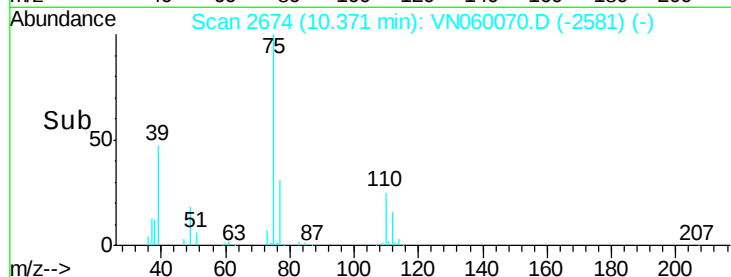
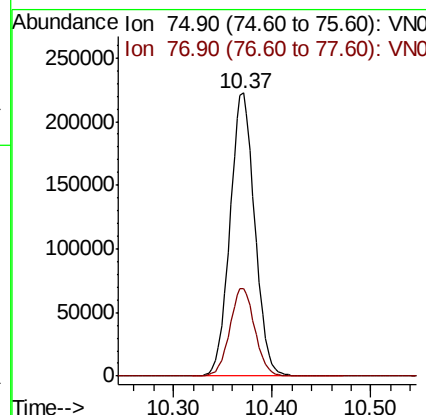
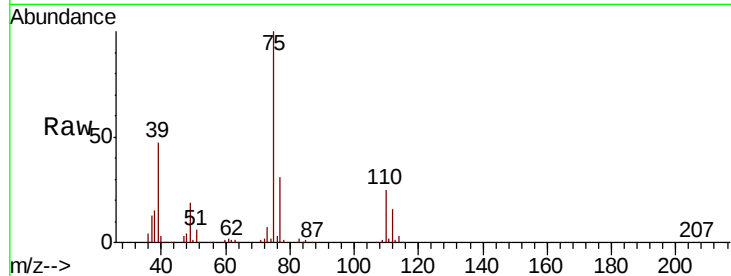




#53
t-1,3-Dichloropropene
Concen: 108.487 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

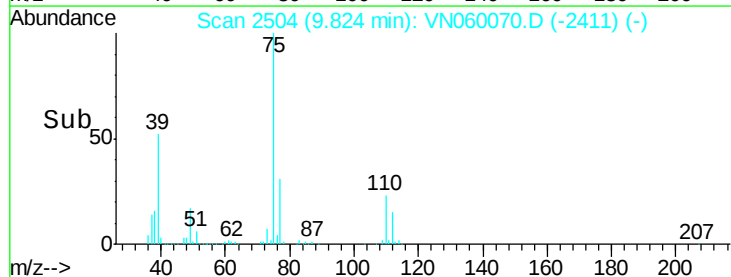
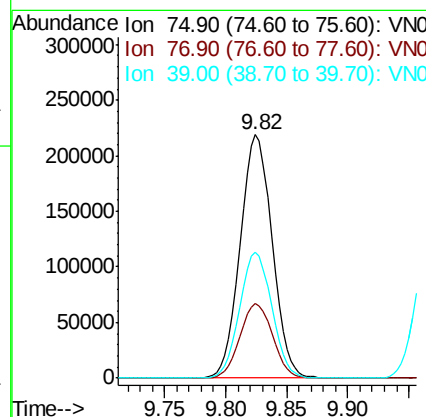
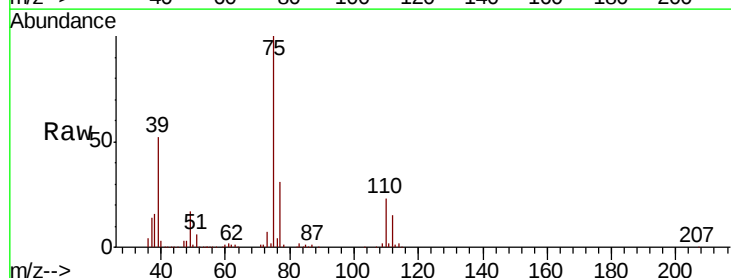
Instrument :
MSVOA_N
ClientSampled :

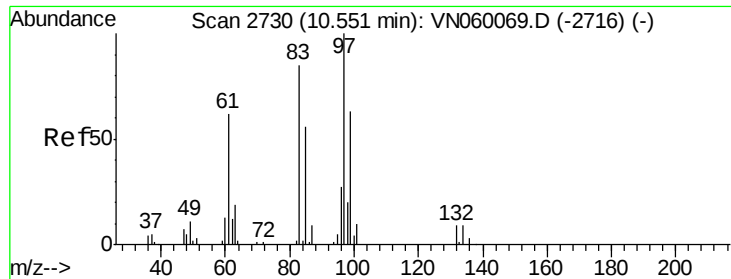
Tot Ion: 75 Resp: 391065
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 104.937 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 75 Resp: 398319
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4
39 51.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 102.706 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 230691

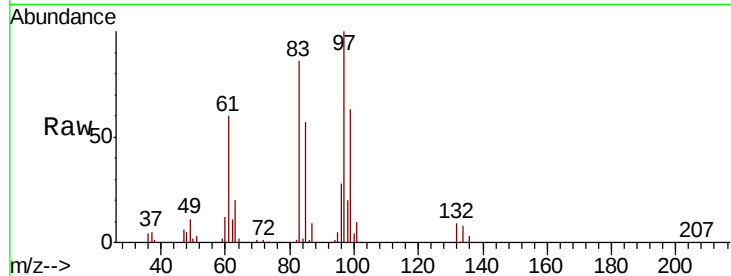
Ion Ratio Lower Upper

97 100

83 86.3 67.9 101.9

85 56.6 44.6 67.0

99 63.0 50.1 75.1

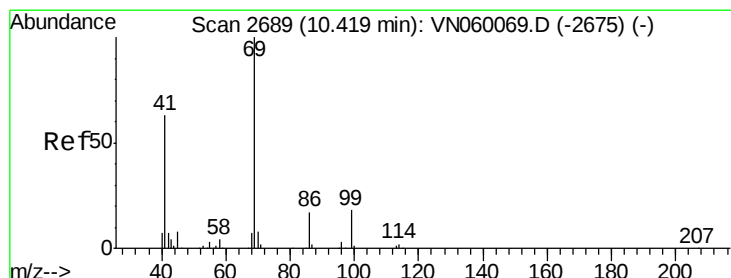
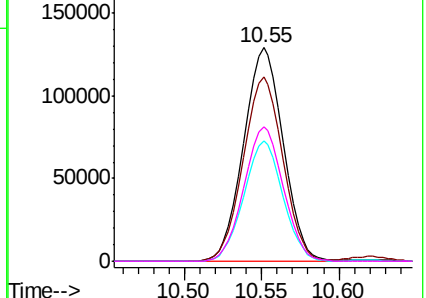
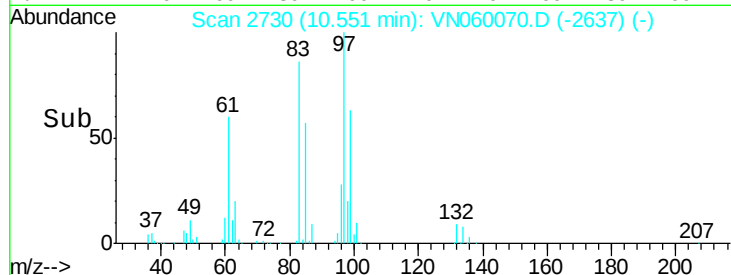


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 113.682 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

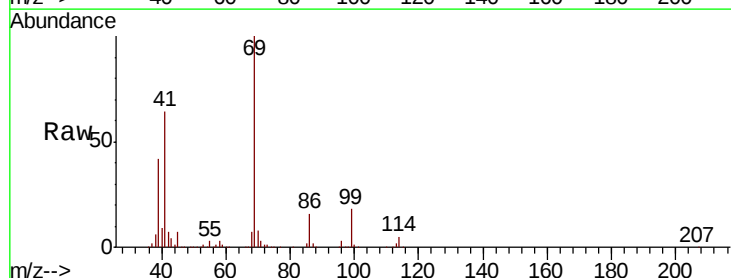
Tgt Ion: 69 Resp: 361215

Ion Ratio Lower Upper

69 100

41 63.8 51.1 76.7

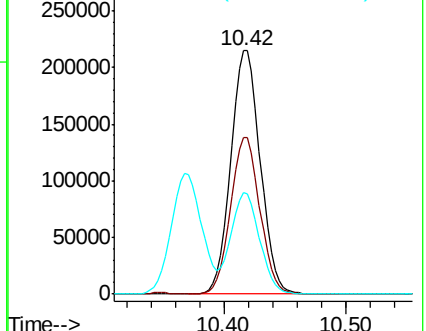
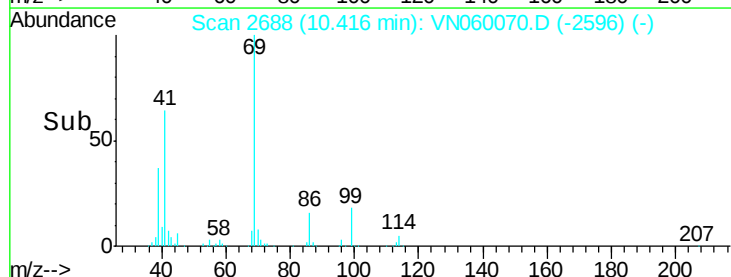
39 40.9 33.8 50.8

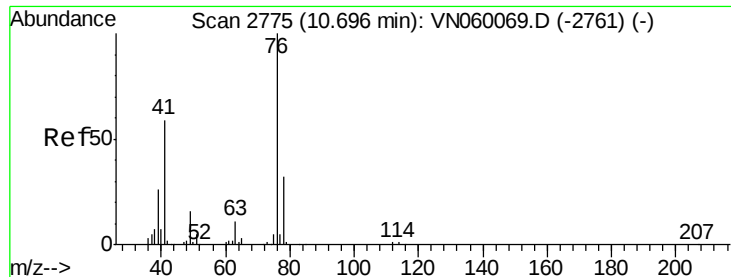


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 101.805 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

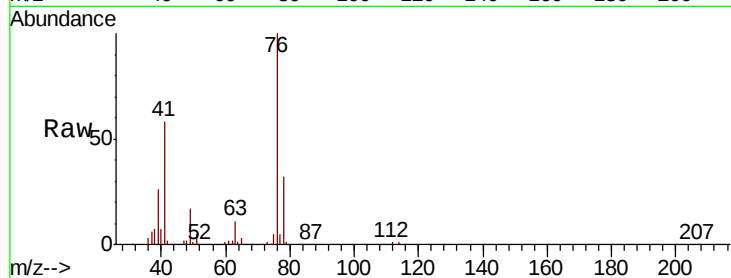
ClientSampleId :

Tot Ion: 76 Resp: 377315

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN060070.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060070.D (-2682) (-)

10.70

200000

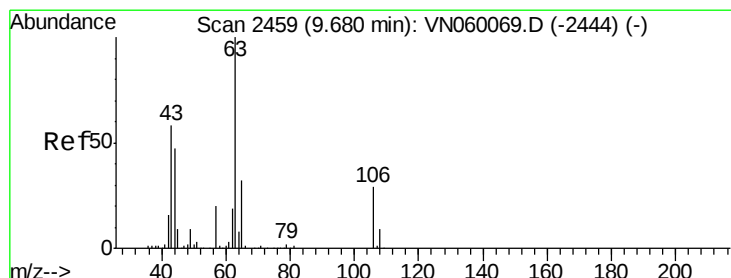
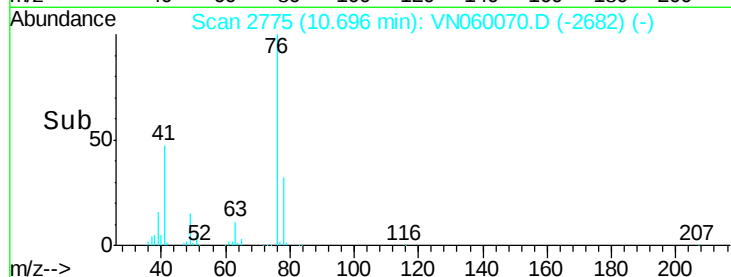
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 566.152 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060070.D

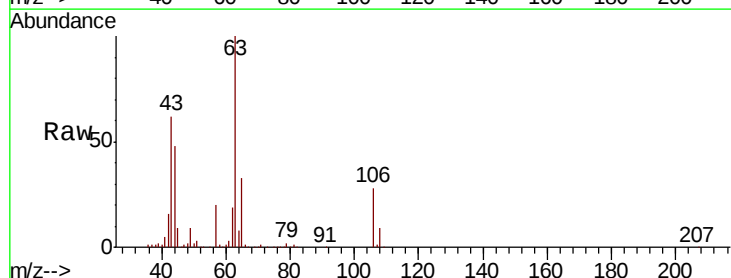
Acq: 12 Feb 2020 12:50

Tgt Ion: 63 Resp: 838054

Ion Ratio Lower Upper

63 100

106 28.4 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VN060070.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060070.D (-2366) (-)

9.68

500000

400000

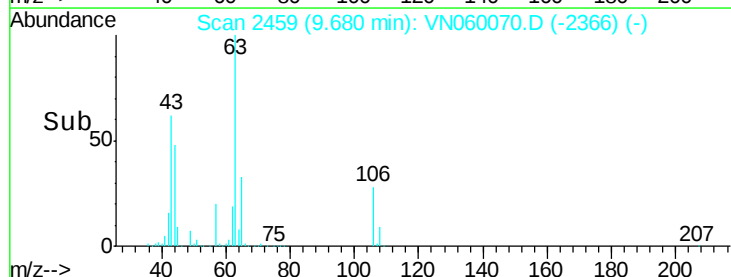
300000

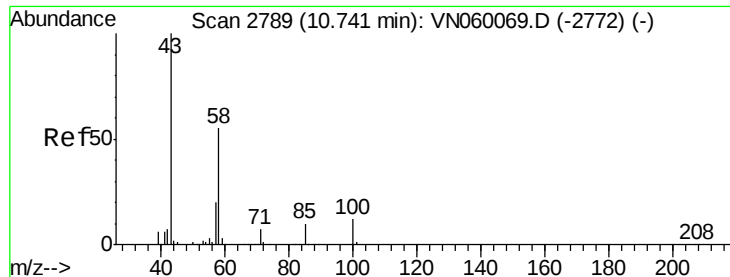
200000

100000

0

Time-->

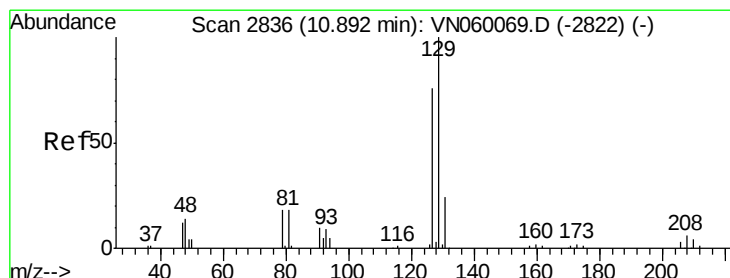
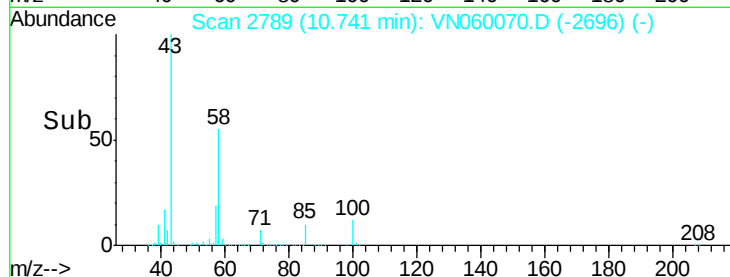
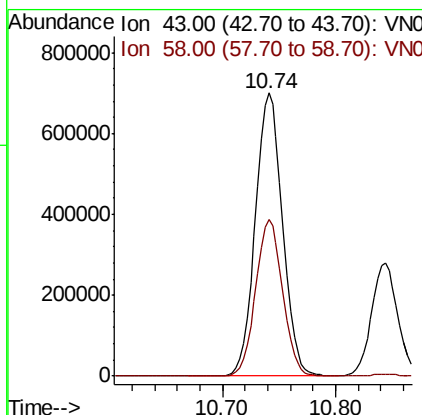
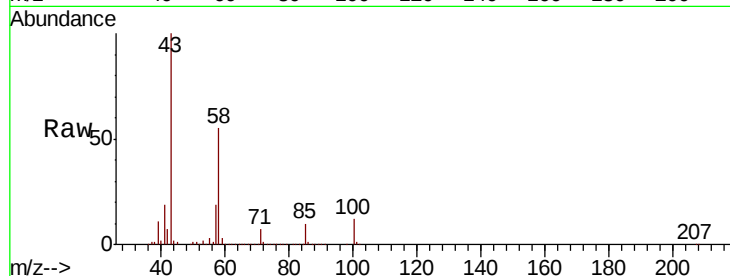




#59
2-Hexanone
Concen: 557.967 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

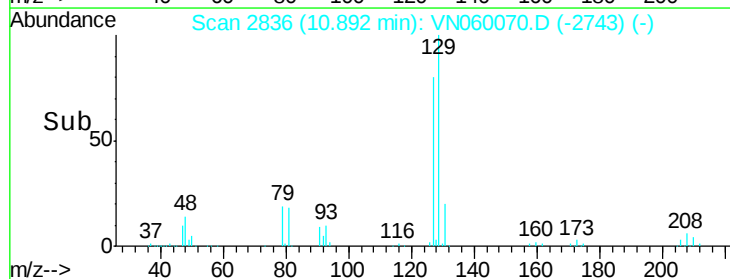
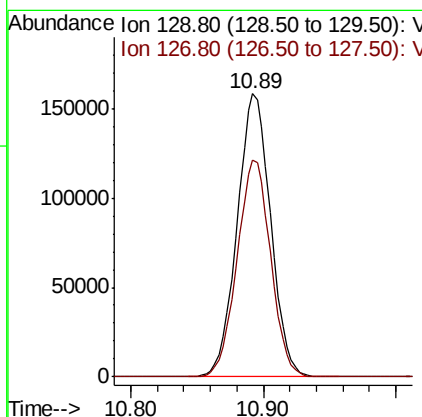
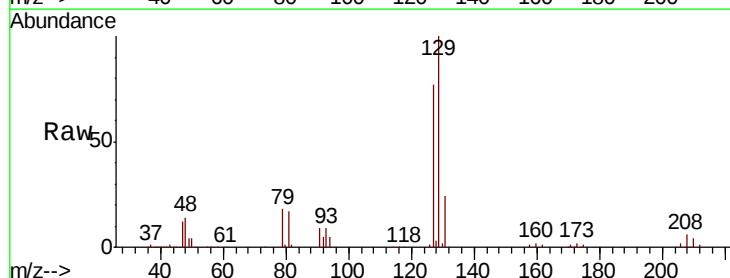
Instrument :
MSVOA_N
ClientSampled :

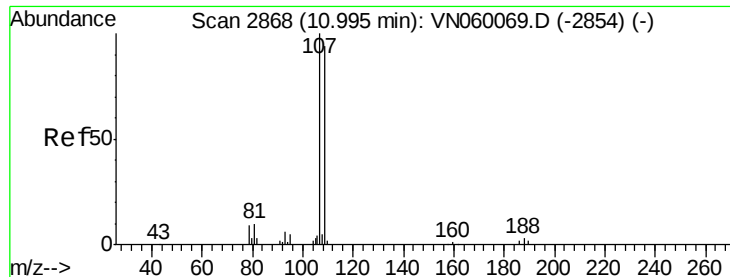
Tot Ion: 43 Resp: 1166555
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.4



#60
Dibromochloromethane
Concen: 107.418 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 129 Resp: 276873
Ion Ratio Lower Upper
129 100
127 76.9 38.0 114.1

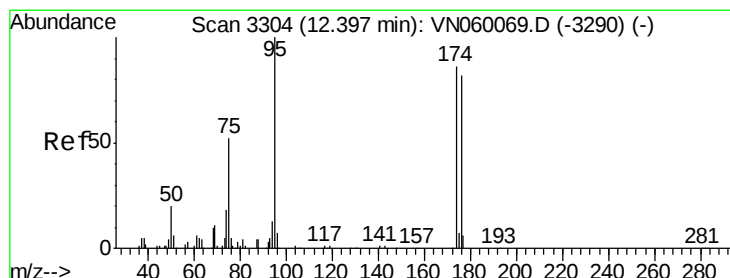
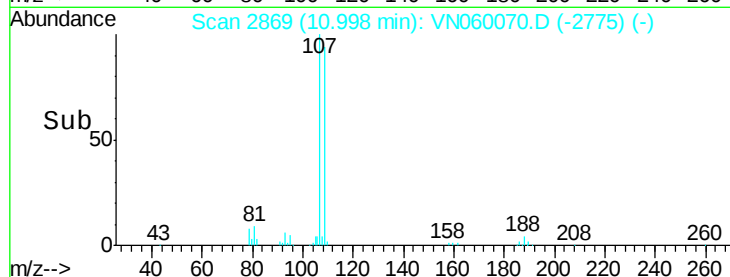
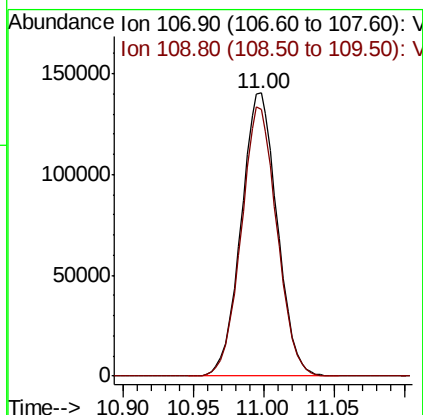
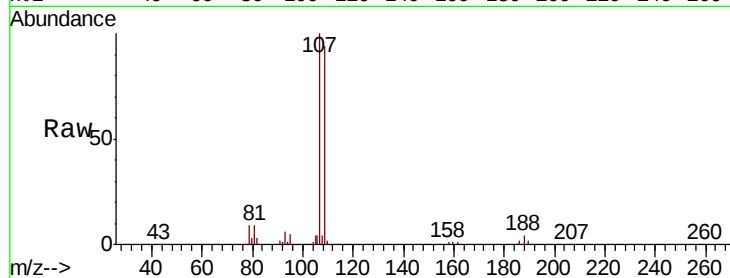




#61
 1,2-Dibromoethane
 Concen: 106.470 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

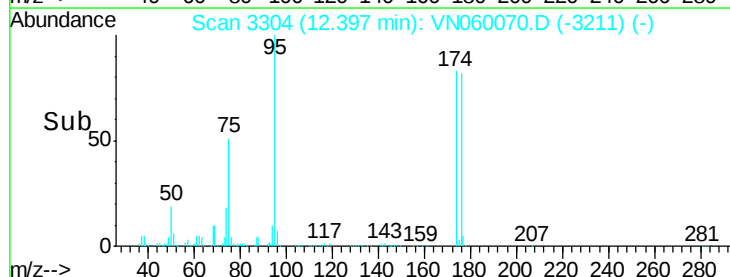
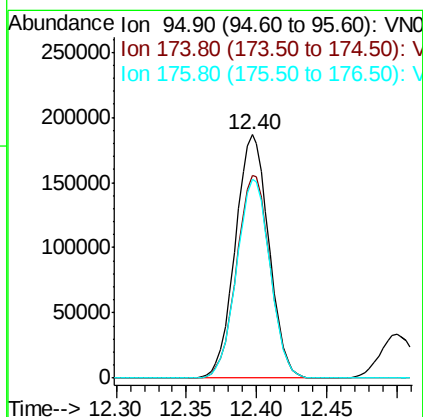
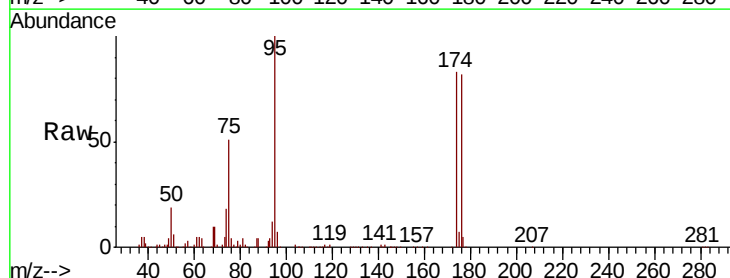
Instrument :
 MSVOA_N
 ClientSampleId :

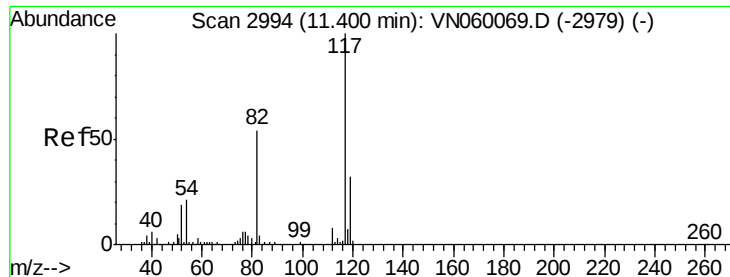
Tot Ion: 107 Resp: 250692
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 107.171 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion: 95 Resp: 311498
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 169.8
 176 81.4 0.0 164.8

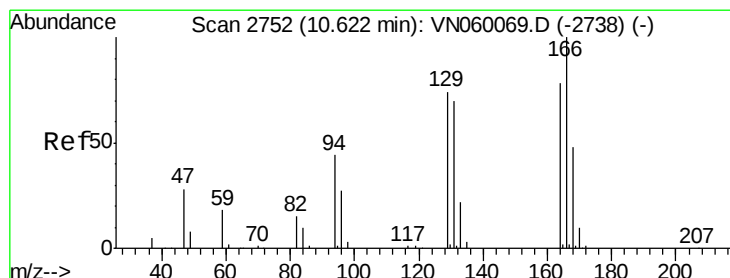
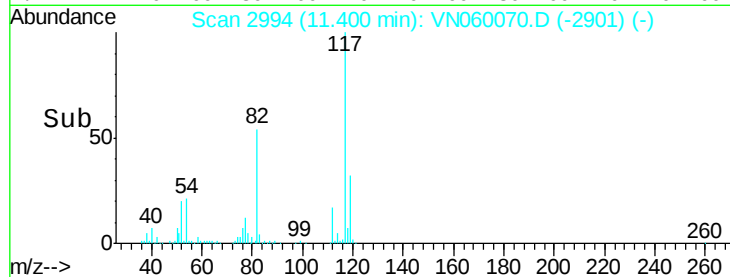
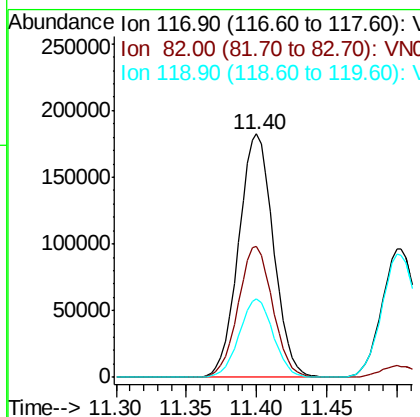
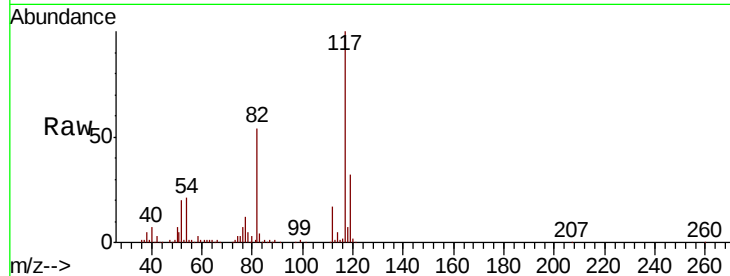




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

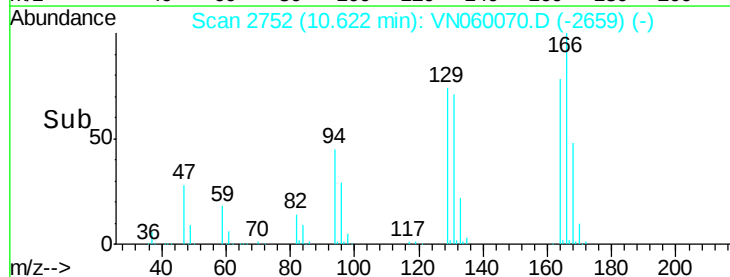
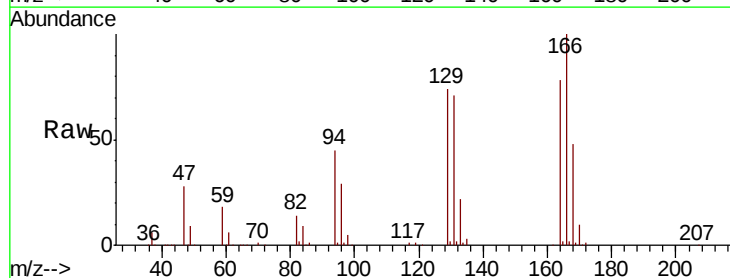
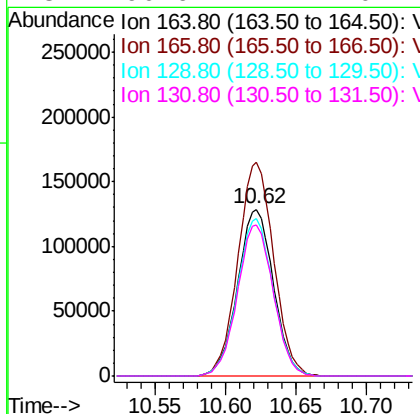
Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.3	25.8	38.6



#64
Tetrachloroethene
Concen: 95.658 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.9	152.9
129	94.4	75.4	113.0
131	90.6	71.4	107.2

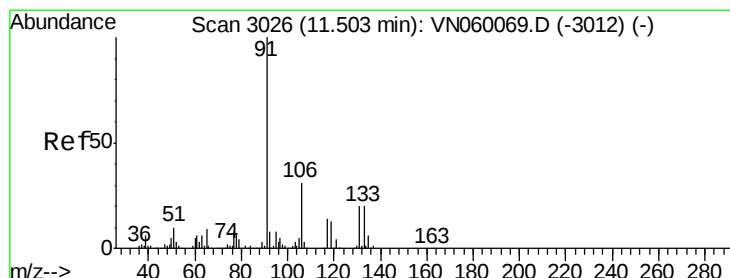
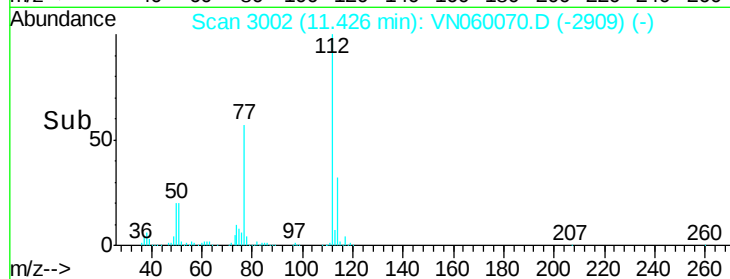
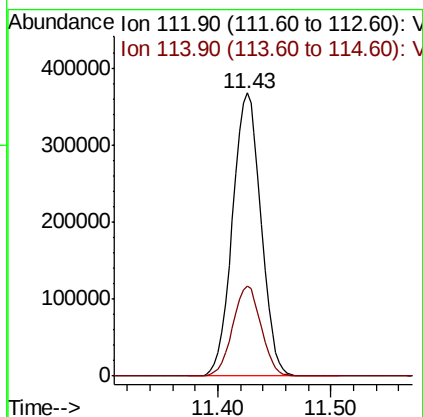
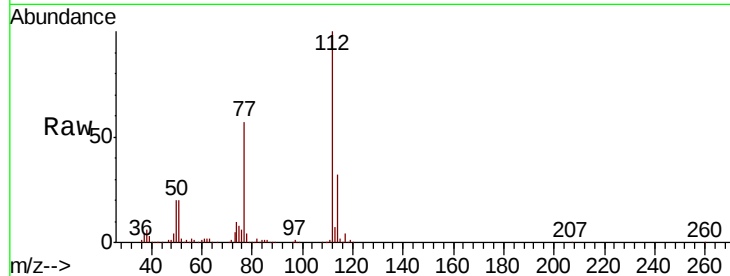




#65
Chlorobenzene
Concen: 100.032 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

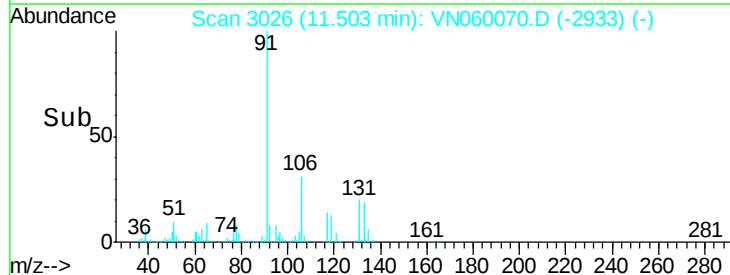
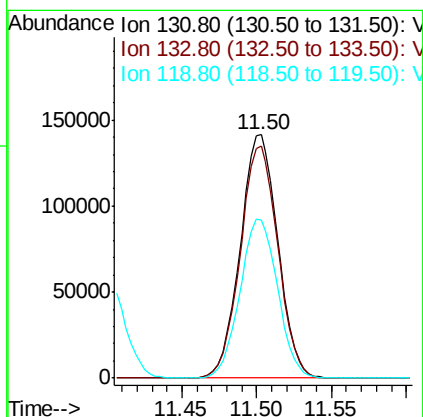
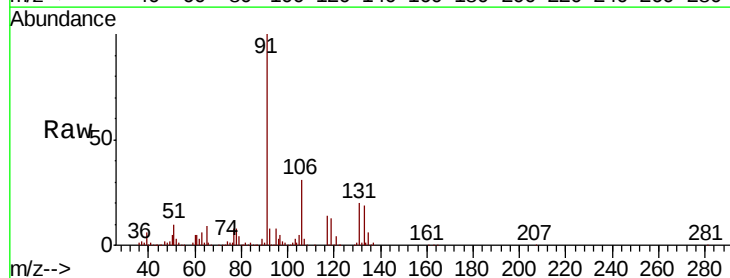
Instrument :
MSVOA_N
ClientSampled :

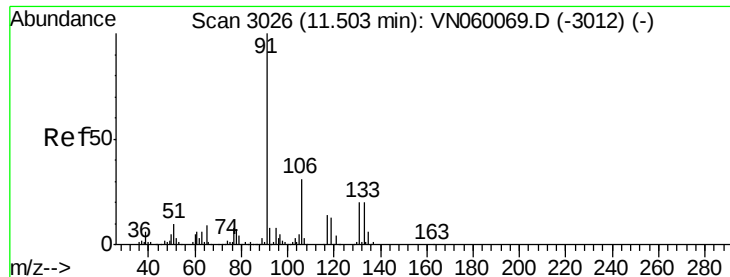
Tot Ion:112 Resp: 643073
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 101.744 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion:131 Resp: 247435
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 65.4 32.6 97.7





#67

Ethyl Benzene

Concen: 101.378 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

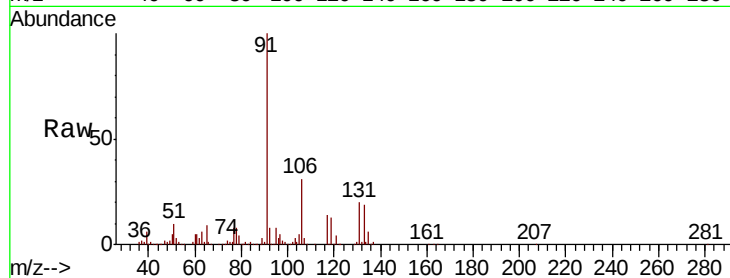
ClientSampled :

Tot Ion: 91 Resp: 1175435

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D

Ion 106.00 (105.70 to 106.70): VN060069.D

1000000

800000

600000

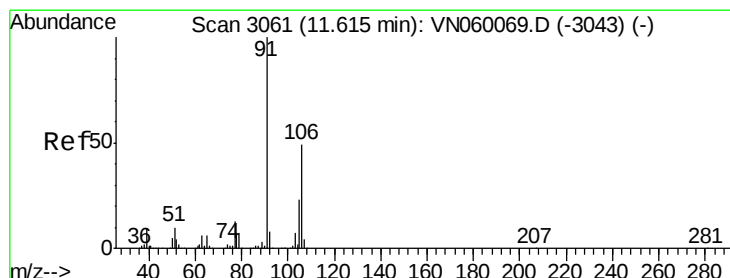
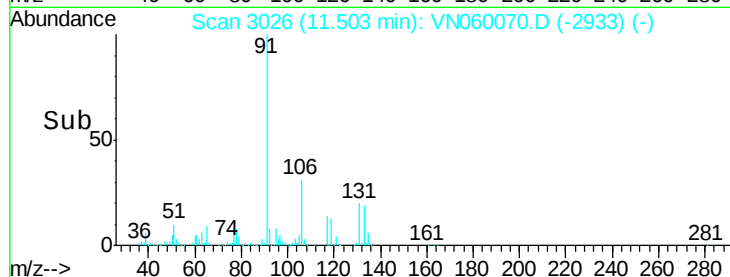
400000

200000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 204.632 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060070.D

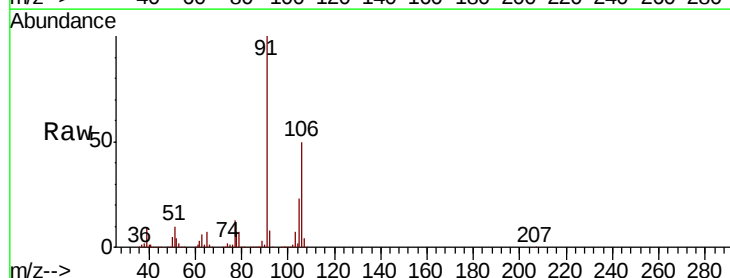
Acq: 12 Feb 2020 12:50

Tgt Ion: 106 Resp: 890483

Ion Ratio Lower Upper

106 100

91 202.6 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): VN060069.D

Ion 91.00 (90.70 to 91.70): VN060069.D

1000000

800000

600000

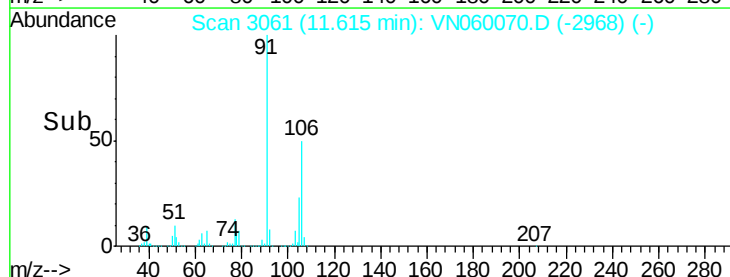
400000

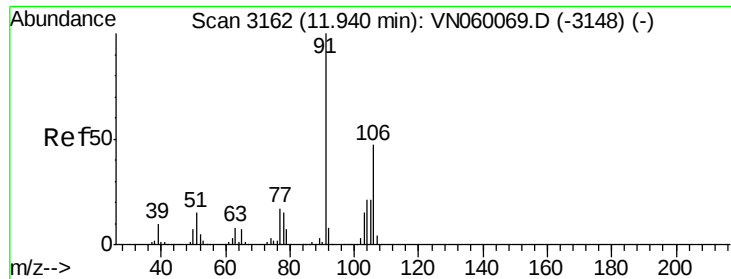
200000

0

11.50 11.60 11.70

Time-->

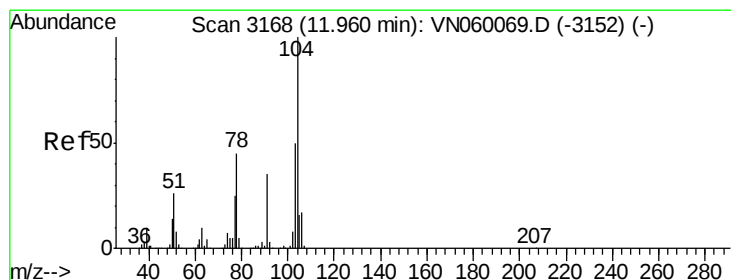
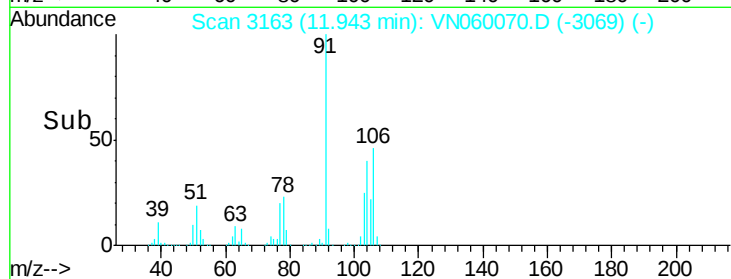
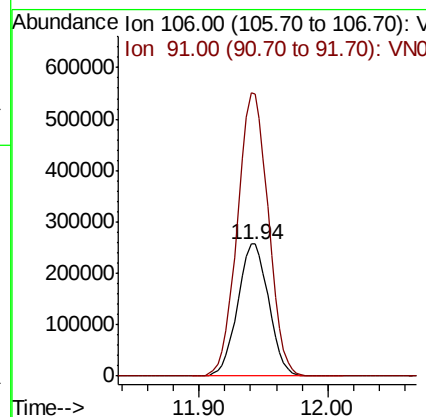
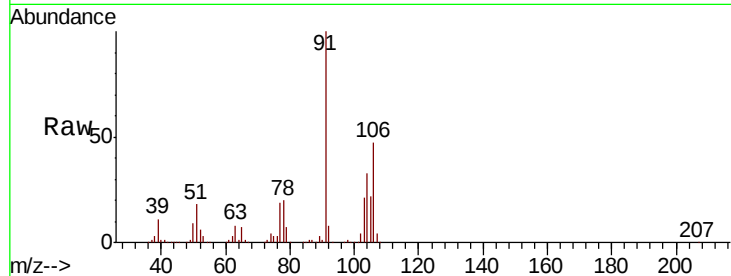




#69
o-Xylene
Concen: 102.744 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

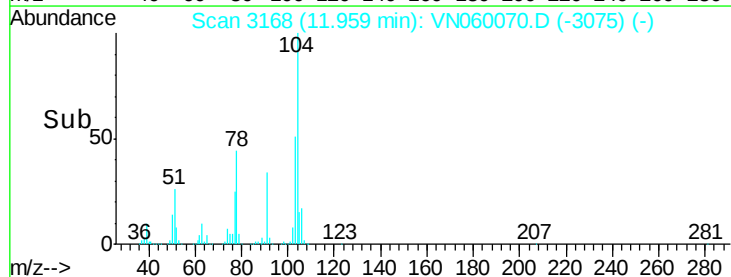
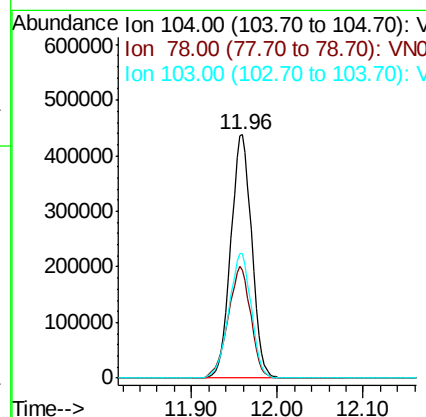
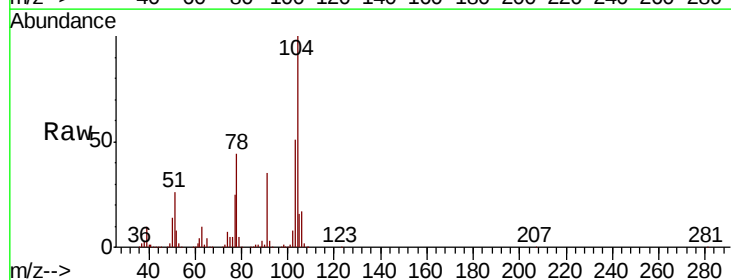
Instrument :
MSVOA_N
ClientSampled :

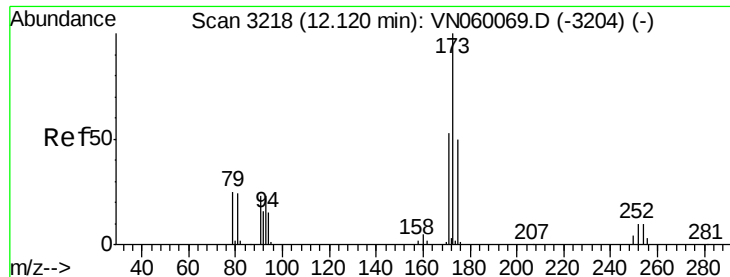
Tot Ion:106 Resp: 430490
Ion Ratio Lower Upper
106 100
91 213.0 107.2 321.6



#70
Styrene
Concen: 109.415 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion:104 Resp: 739268
Ion Ratio Lower Upper
104 100
78 49.5 40.2 60.2
103 55.1 44.3 66.5

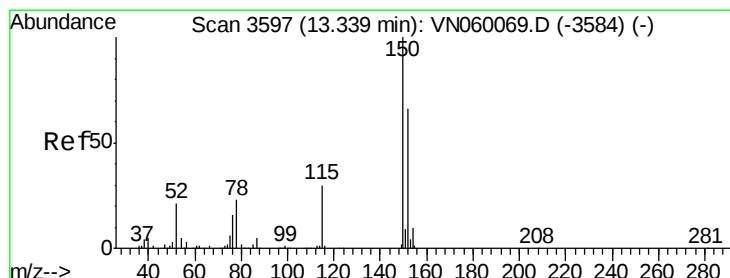
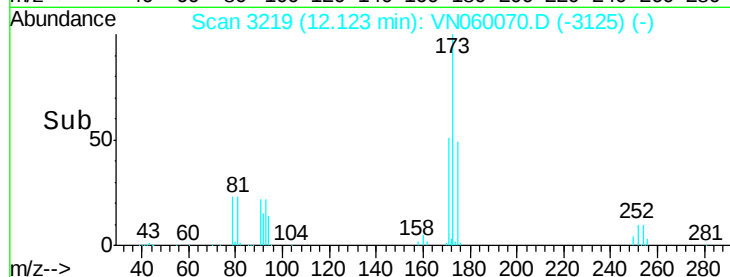
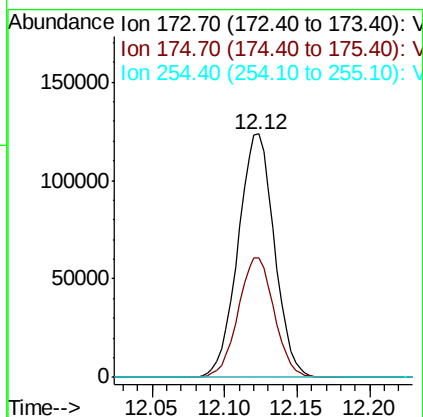
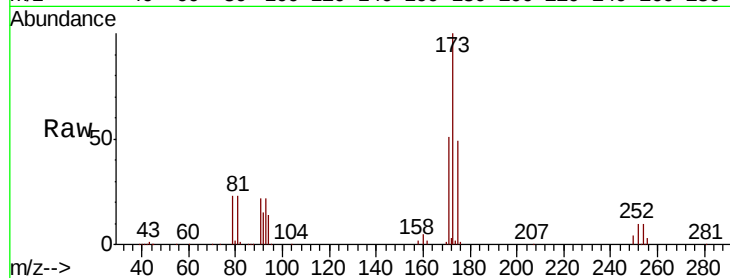




#71
Bromoform
Concen: 109.839 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

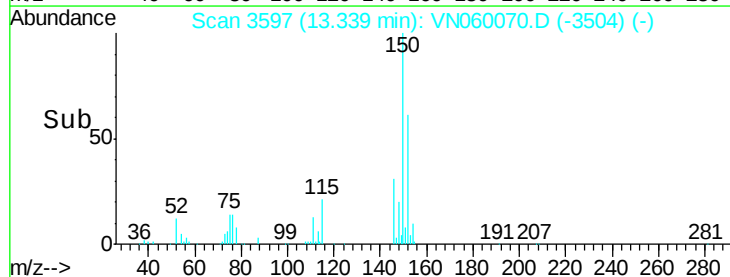
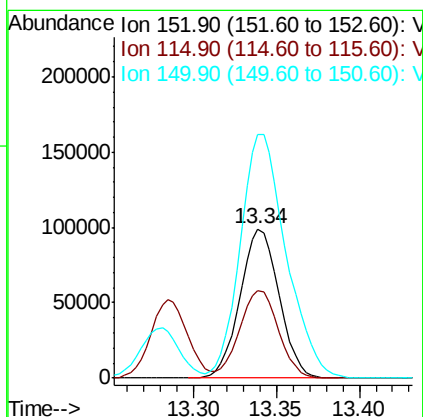
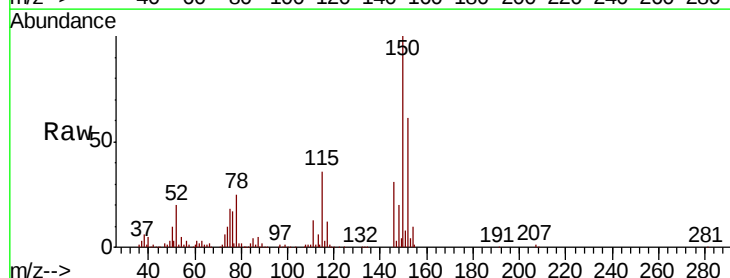
Instrument :
MSVOA_N
ClientSampleId :

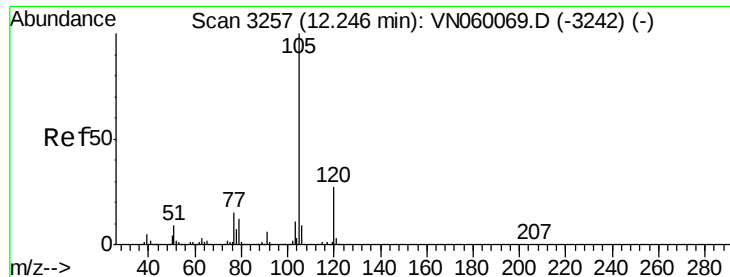
Tot Ion:173 Resp: 214848
Ion Ratio Lower Upper
173 100
175 48.8 24.9 74.6
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion:152 Resp: 161785
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.8
150 192.0 0.0 342.4





#73

Isopropylbenzene

Concen: 97.224 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

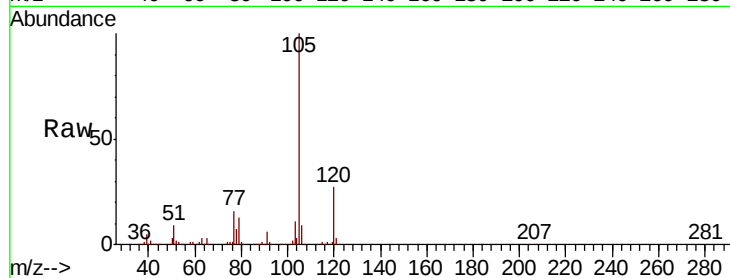
ClientSampleId :

Tot Ion:105 Resp: 1174586

Ion Ratio Lower Upper

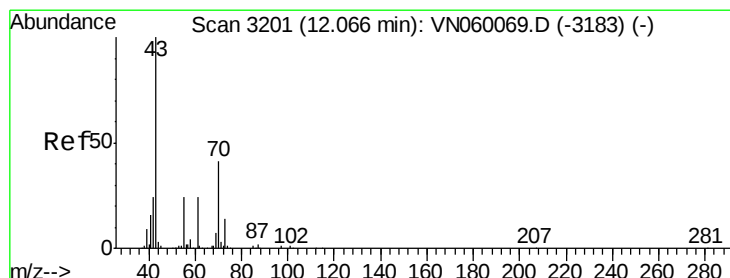
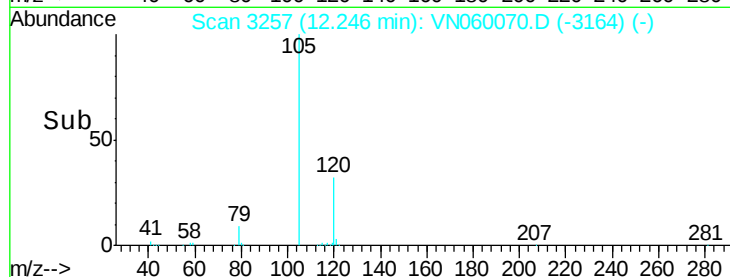
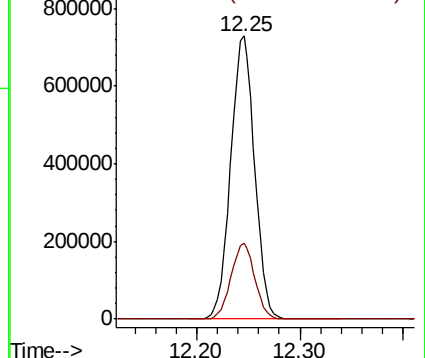
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 107.288 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Tgt Ion: 43 Resp: 467397

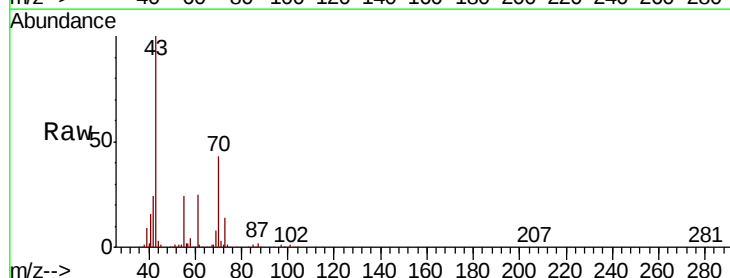
Ion Ratio Lower Upper

43 100

70 42.9 33.4 50.0

55 23.6 18.8 28.2

61 24.9 19.2 28.8

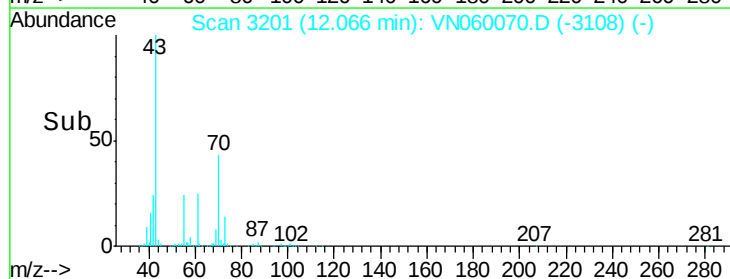
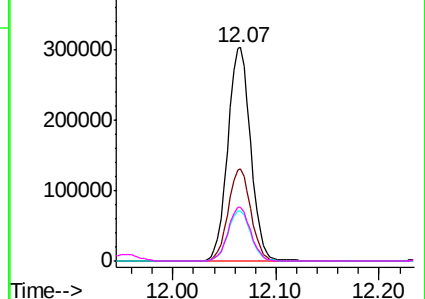


Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 100.645 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

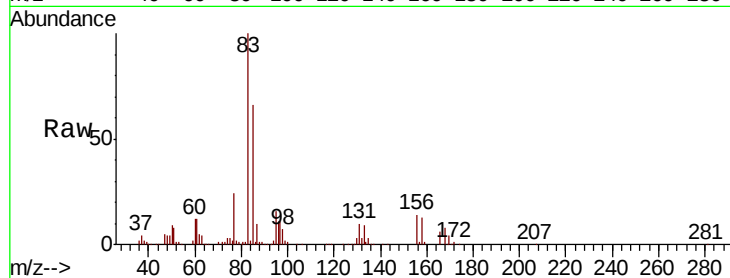
Tot Ion: 83 Resp: 349982

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

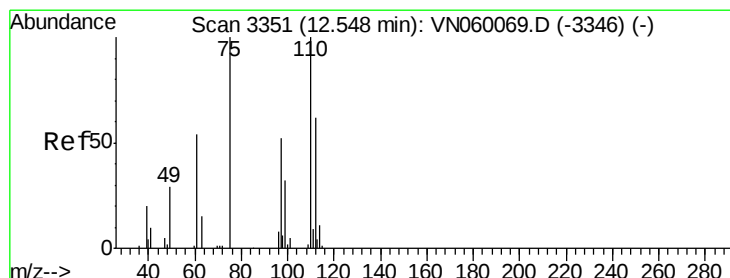
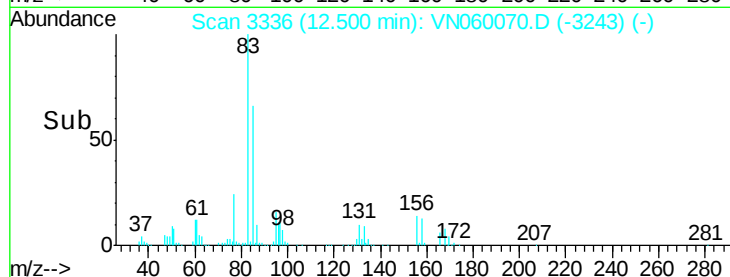
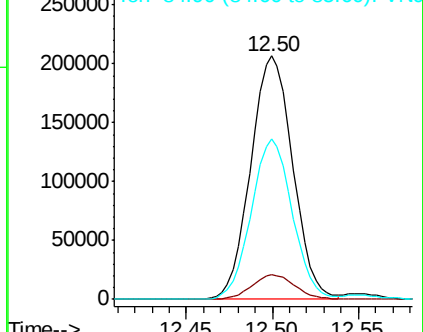
85 64.4 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060070.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060070.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060070.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 108.346 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060070.D

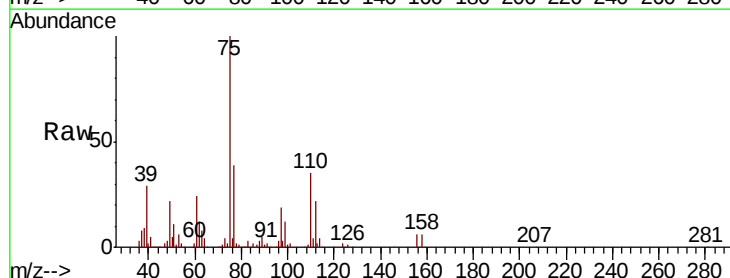
Acq: 12 Feb 2020 12:50

Tgt Ion: 75 Resp: 472405

Ion Ratio Lower Upper

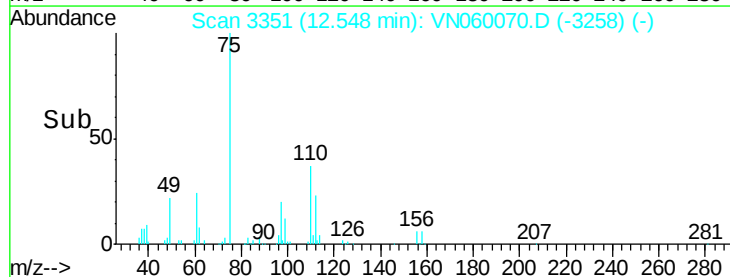
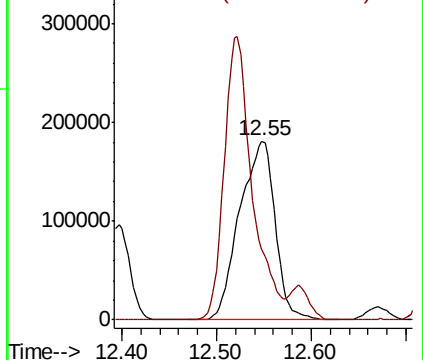
75 100

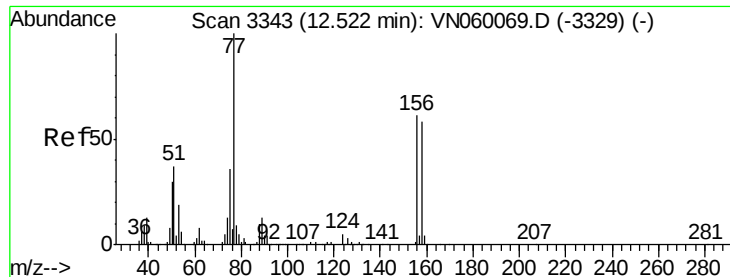
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060070.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060070.D (-3258) (-)





#77

Bromobenzene

Concen: 98.481 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

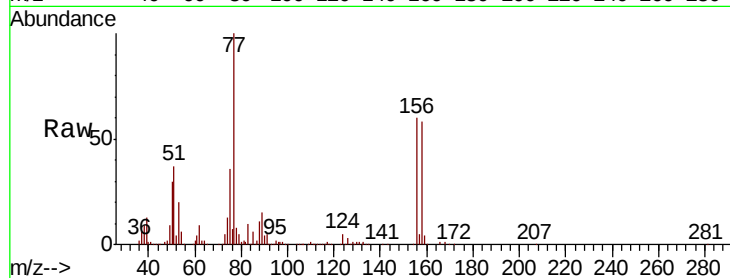
Tot Ion:156 Resp: 295266

Ion Ratio Lower Upper

156 100

77 199.8 98.7 296.1

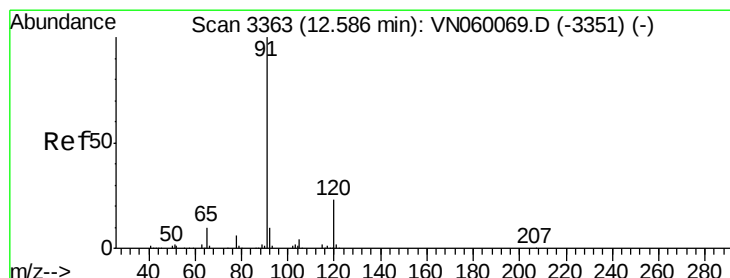
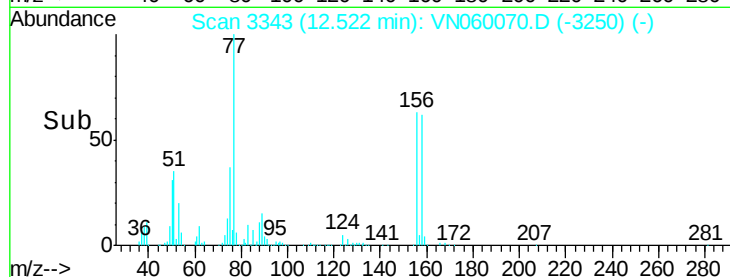
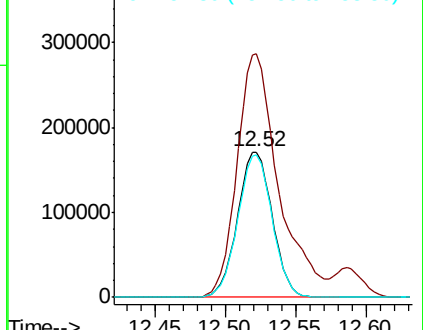
158 97.0 48.1 144.4



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: 98.742 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060070.D

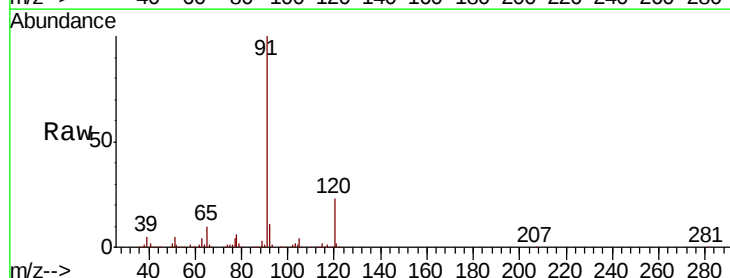
Acq: 12 Feb 2020 12:50

Tgt Ion: 91 Resp: 1359137

Ion Ratio Lower Upper

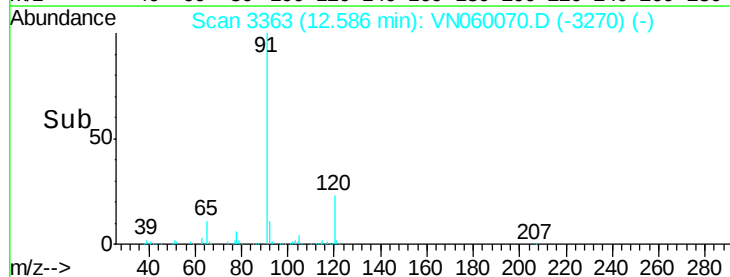
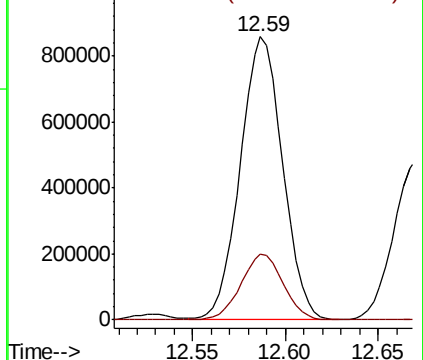
91 100

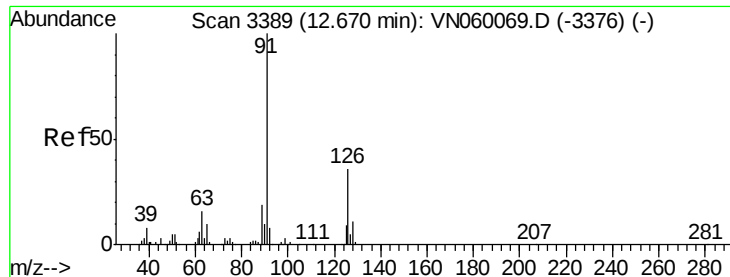
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

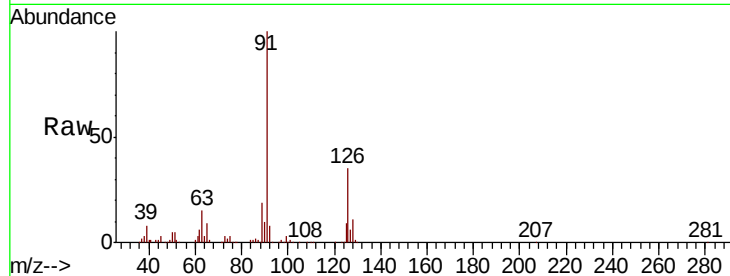




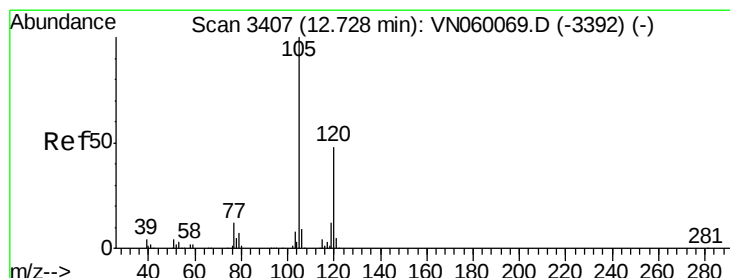
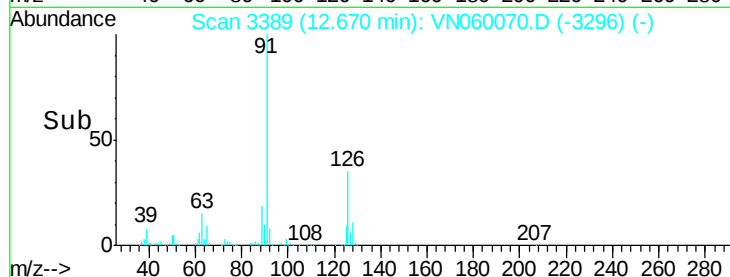
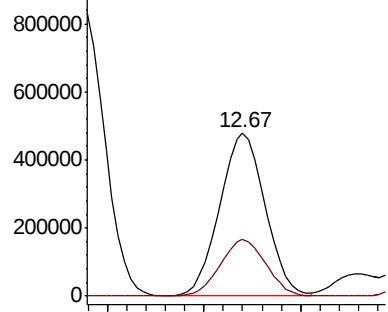
#79
 2-Chlorotoluene
 Concen: 97.098 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 785565
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.4 52.2

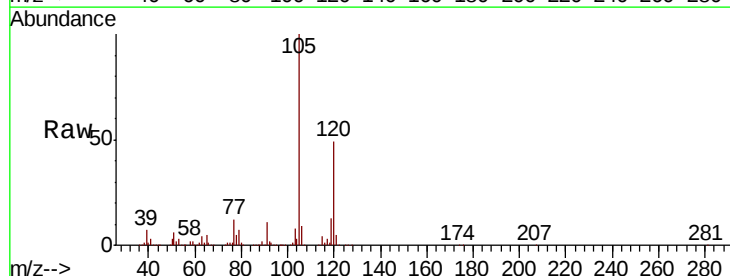


Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3376) (-)
 Ion 125.90 (125.60 to 126.60): VN060069.D (-3376) (-)

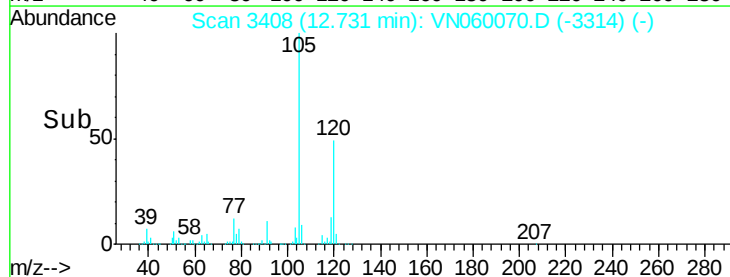
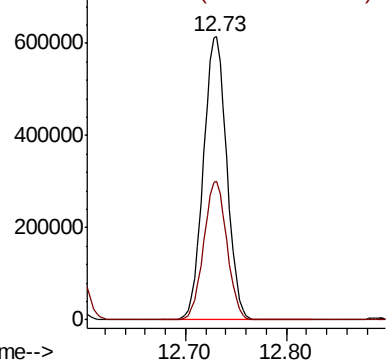


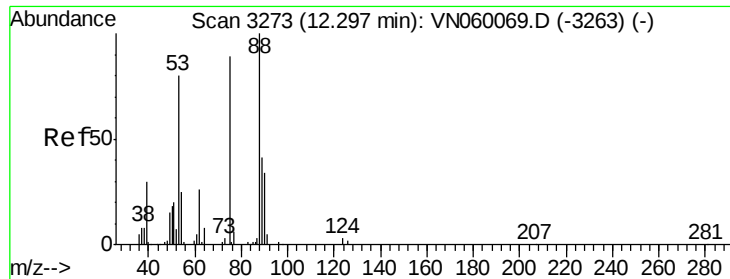
#80
 1,3,5-Trimethylbenzene
 Concen: 98.690 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion: 105 Resp: 991342
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VN060069.D (-3392) (-)
 Ion 120.00 (119.70 to 120.70): VN060069.D (-3392) (-)

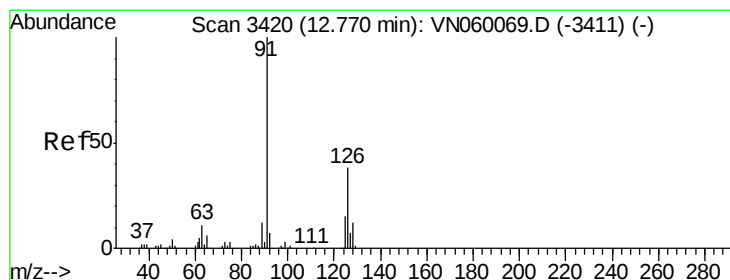
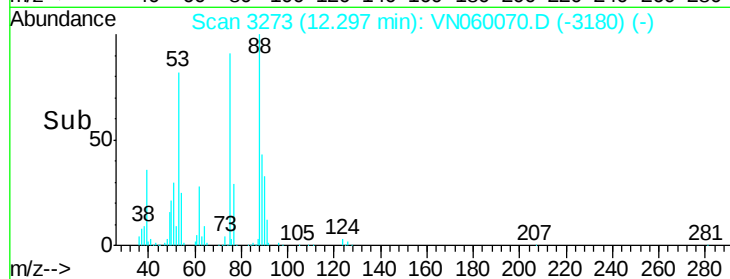
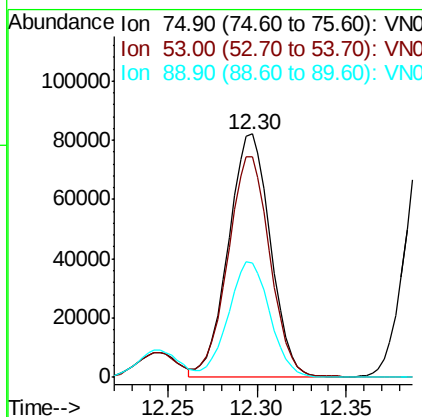
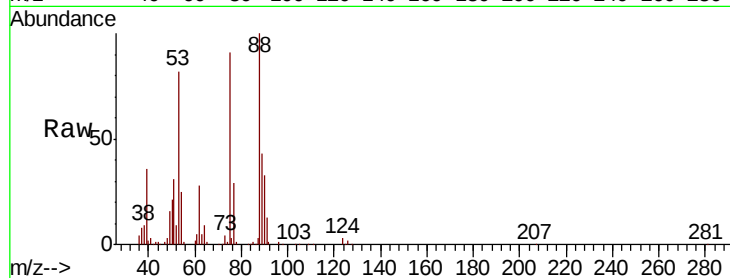




#81
trans-1,4-Dichloro-2-butene
Concen: 105.764 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

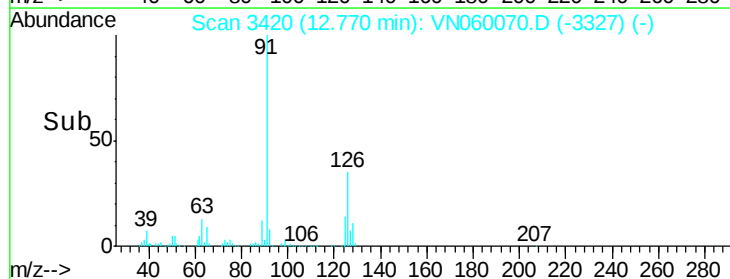
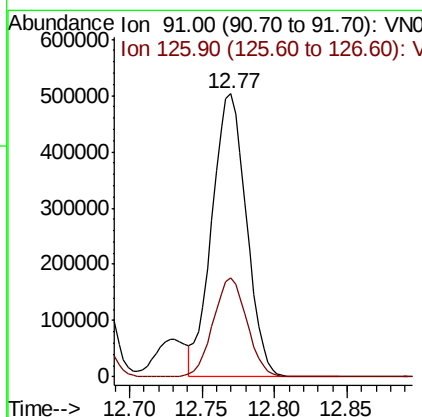
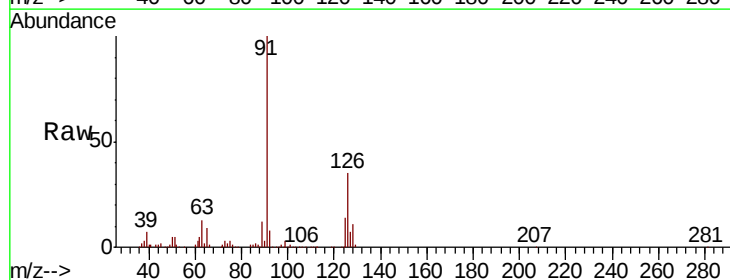
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 133703
Ion Ratio Lower Upper
75 100
53 92.0 73.9 110.9
89 47.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 99.582 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion: 91 Resp: 826573
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.3

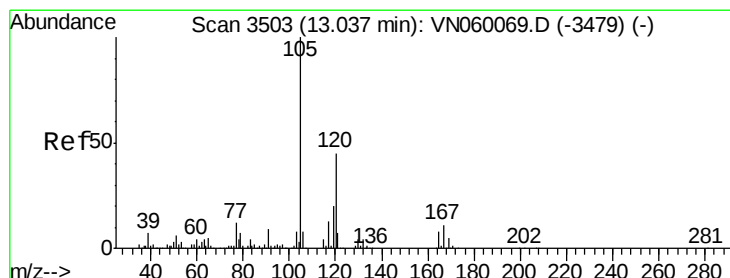
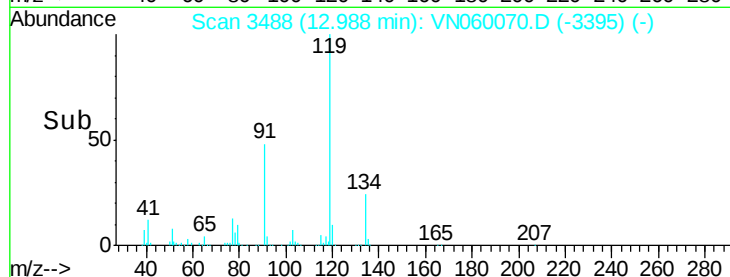
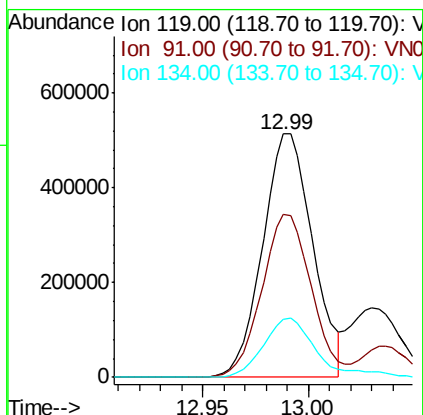
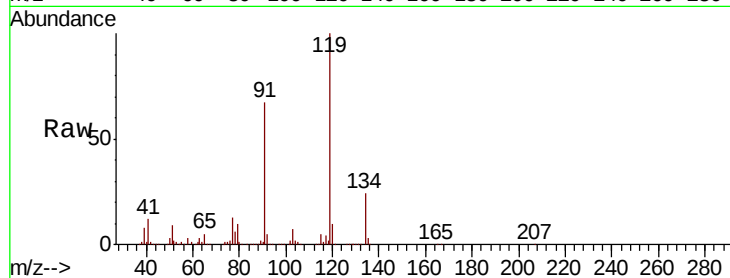




#83
 tert-Butylbenzene
 Concen: 95.393 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

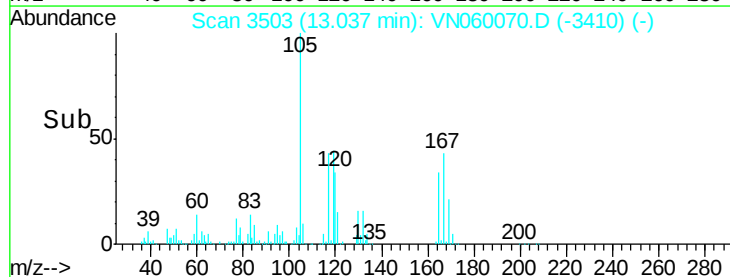
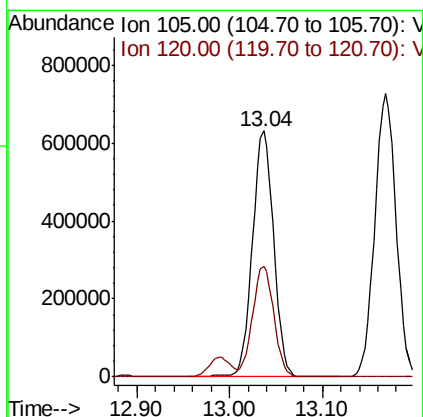
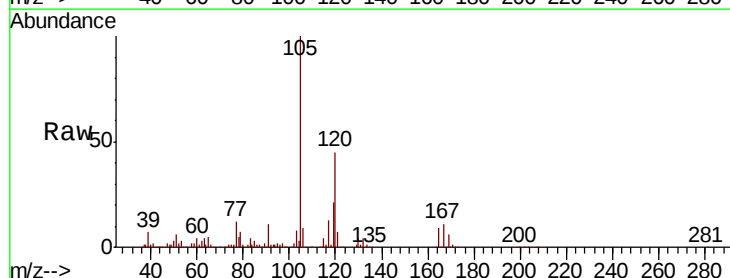
Instrument :
 MSVOA_N
 ClientSampleId :

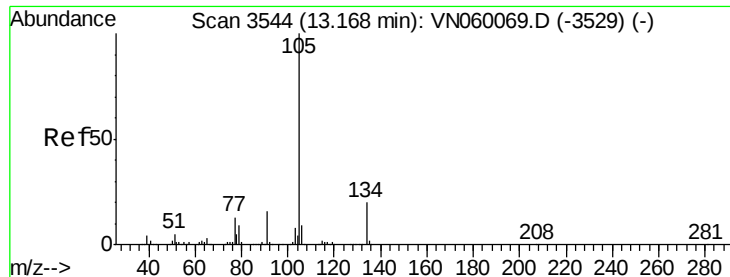
Tot Ion:119 Resp: 847659
 Ion Ratio Lower Upper
 119 100
 91 66.0 32.7 98.1
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 100.925 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion:105 Resp: 1000738
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 97.946 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

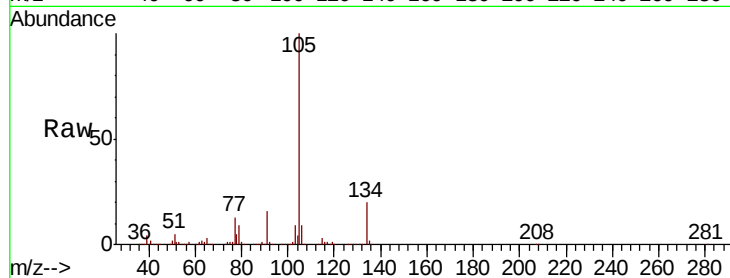
ClientSampleId :

Tot Ion:105 Resp: 1152647

Ion Ratio Lower Upper

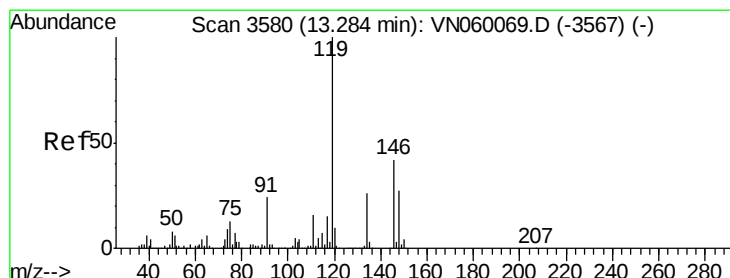
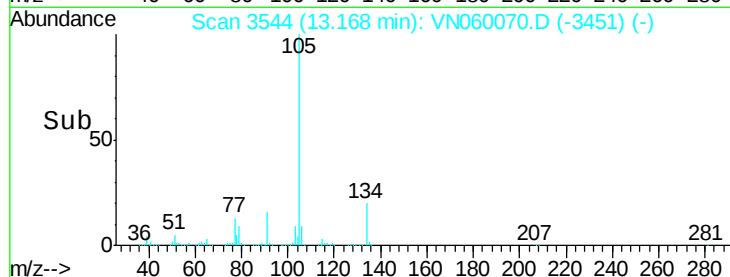
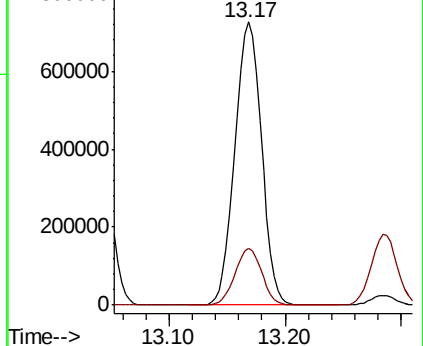
105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 100.391 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

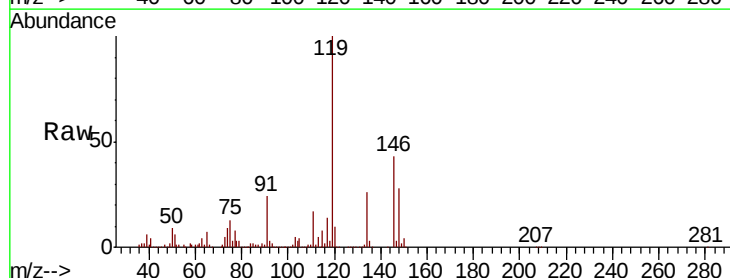
Tgt Ion:119 Resp: 1070407

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

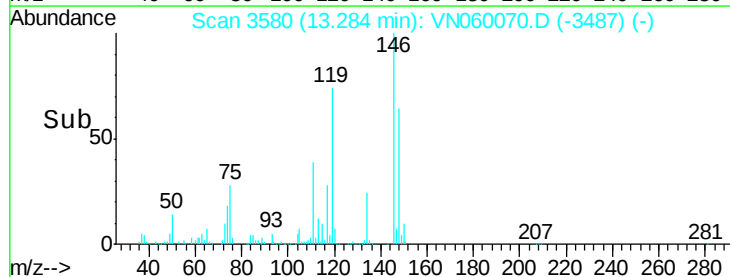
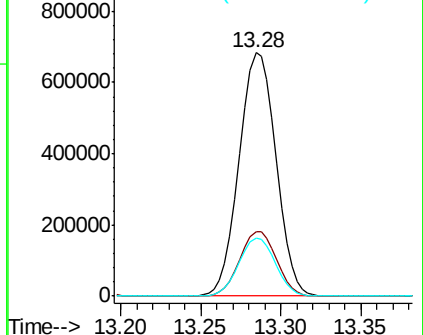
91 23.7 11.9 35.9

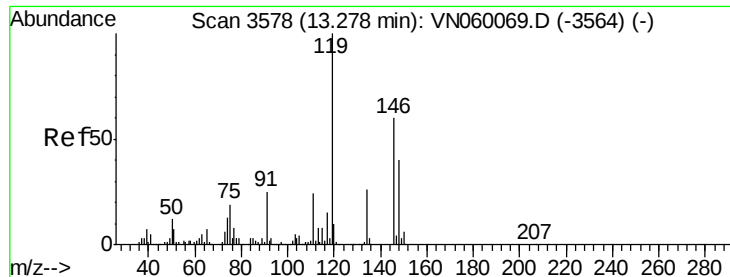


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 101.313 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

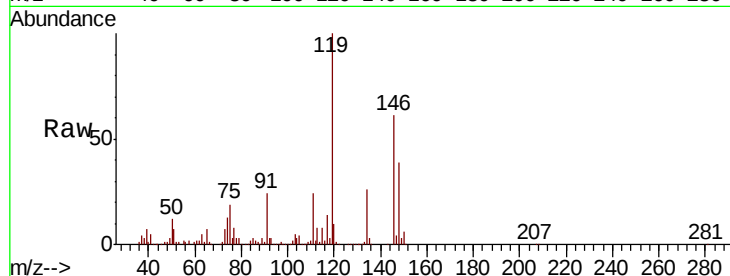
Tot Ion:146 Resp: 537687

Ion Ratio Lower Upper

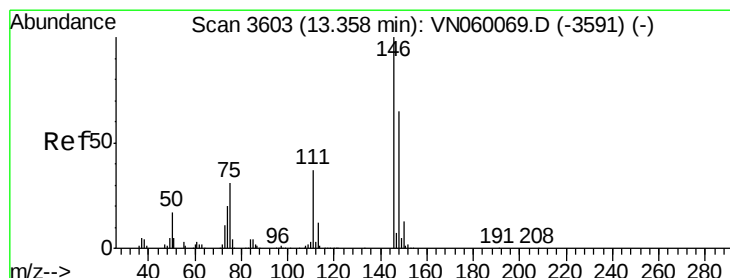
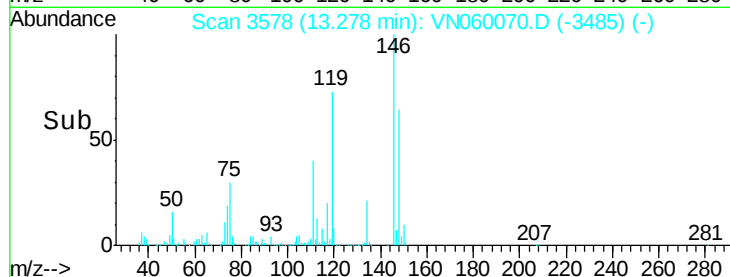
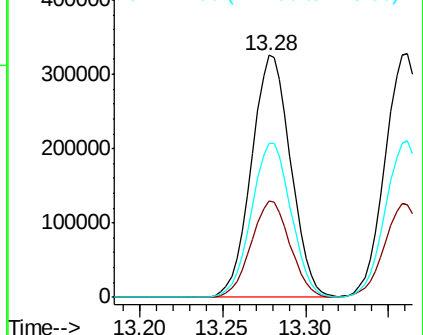
146 100

111 39.3 19.8 59.3

148 64.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 100.762 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

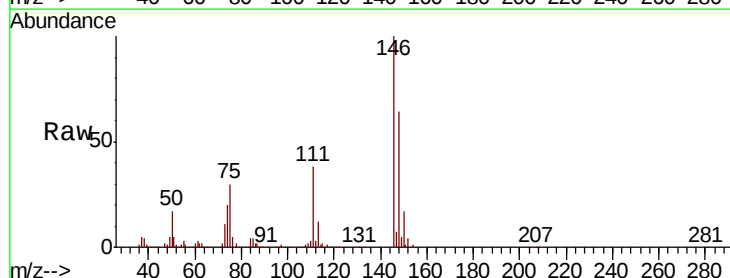
Tgt Ion:146 Resp: 534653

Ion Ratio Lower Upper

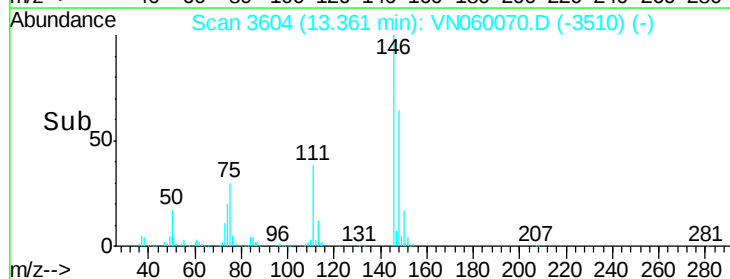
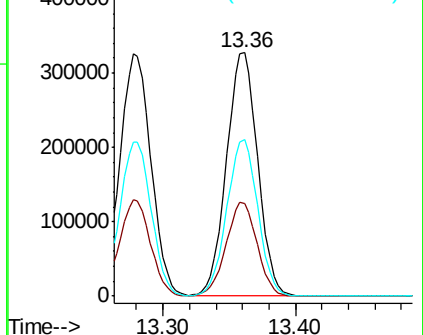
146 100

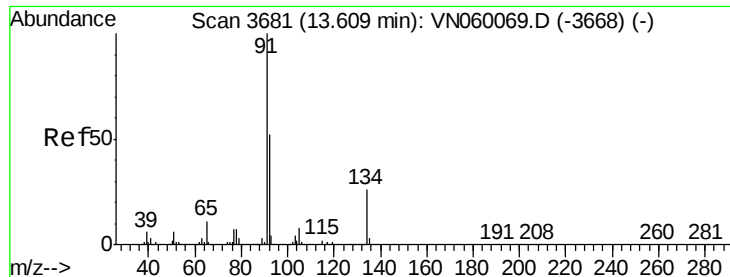
111 38.2 18.9 56.5

148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 103.205 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

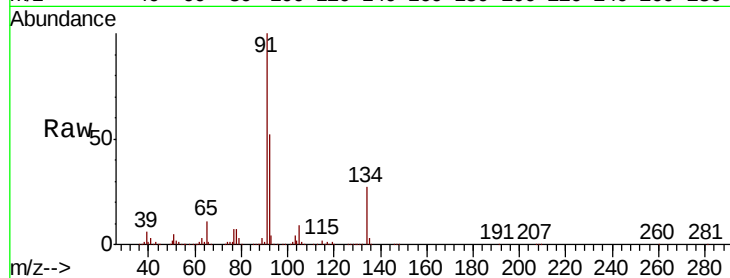
Tot Ion: 91 Resp: 967881

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.2

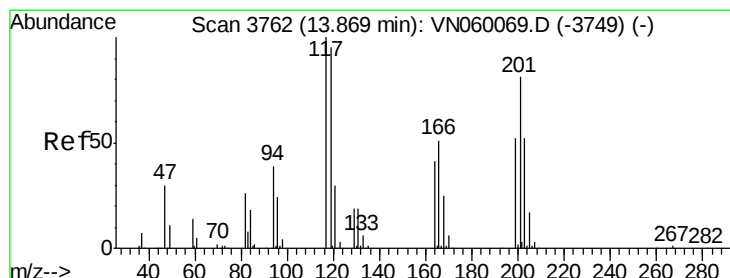
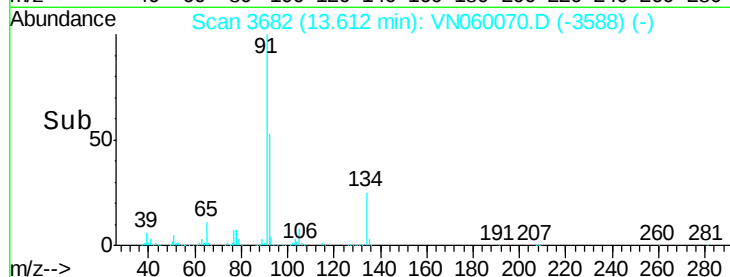
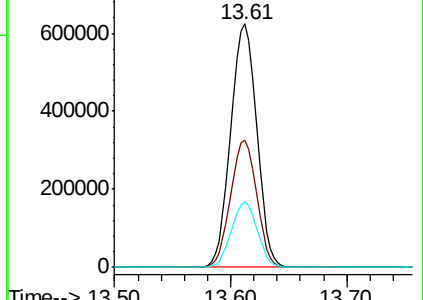
134 26.6 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN060070.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN060070.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN060070.D (-3682) (-)



#90

Hexachloroethane

Concen: 100.360 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060070.D

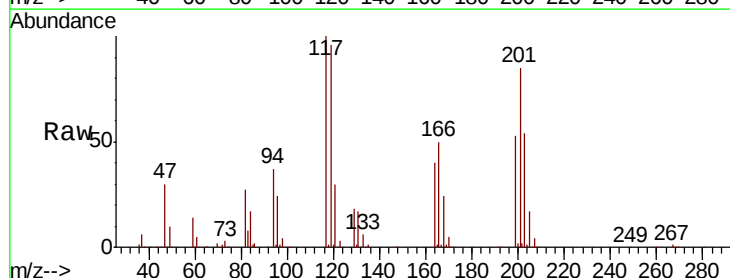
Acq: 12 Feb 2020 12:50

Tgt Ion: 117 Resp: 199911

Ion Ratio Lower Upper

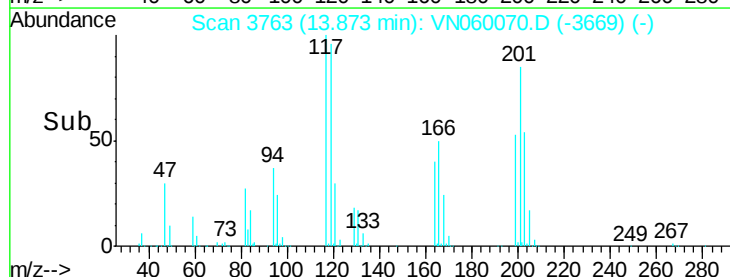
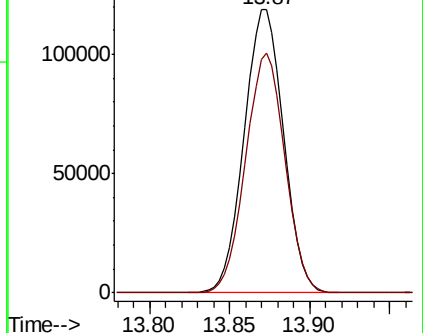
117 100

201 84.3 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060070.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN060070.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 98.985 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060070.D

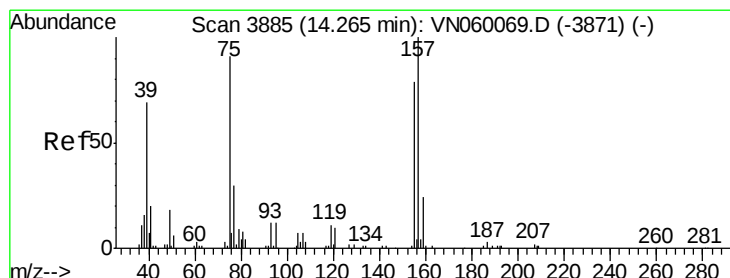
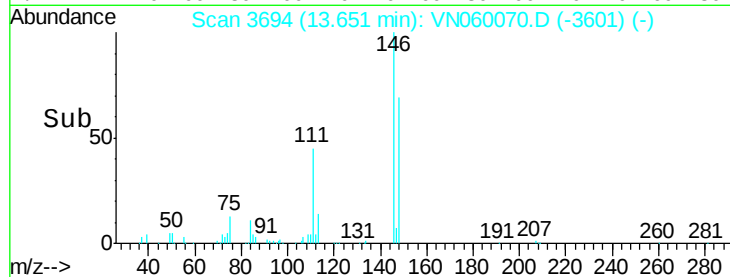
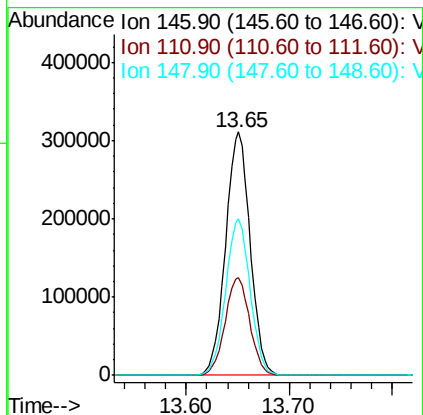
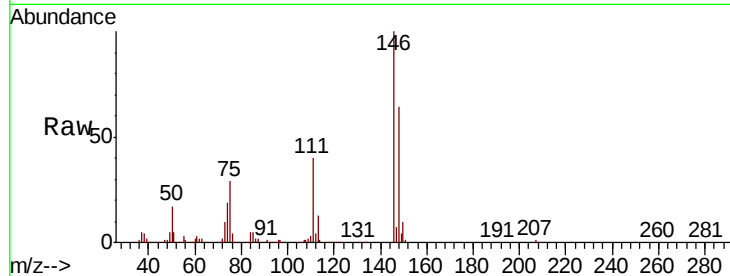
Acq: 12 Feb 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	514111
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.2
148	64.3	31.9	95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 94.168 ug/l

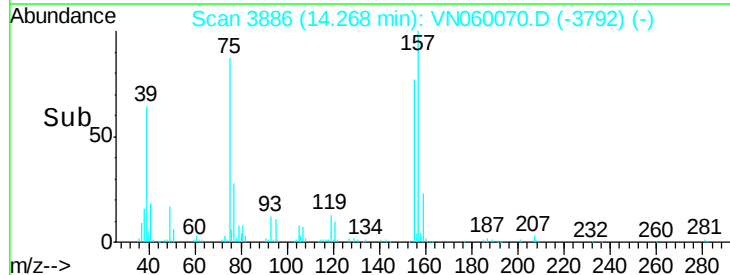
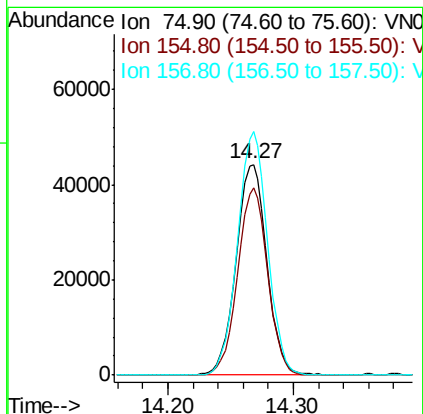
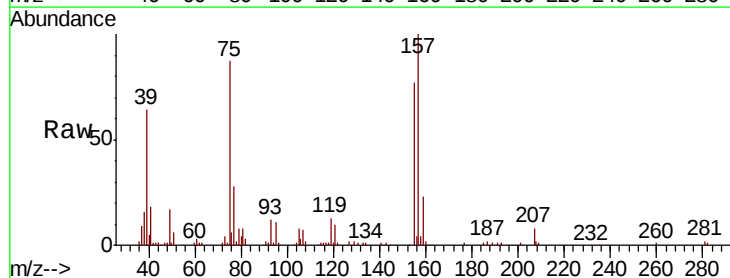
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060070.D

Acq: 12 Feb 2020 12:50

Tgt Ion:	75	Resp:	75810
Ion	Ratio	Lower	Upper
75	100		
155	85.8	43.0	129.0
157	111.8	54.9	164.5

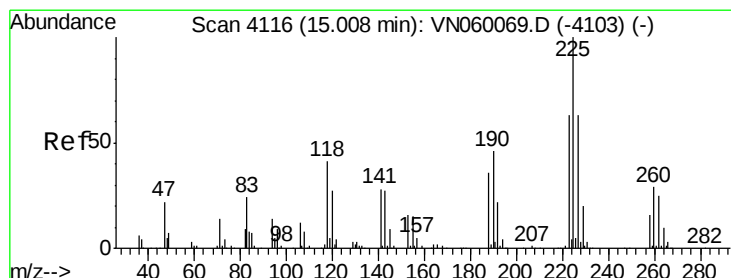
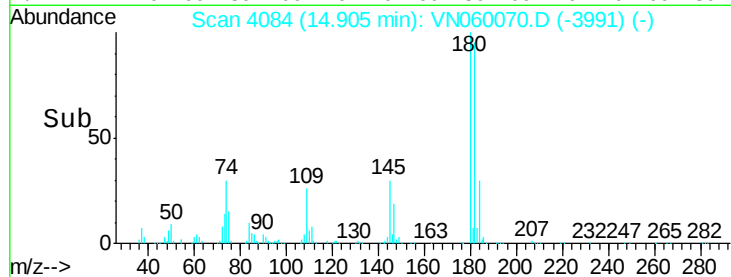
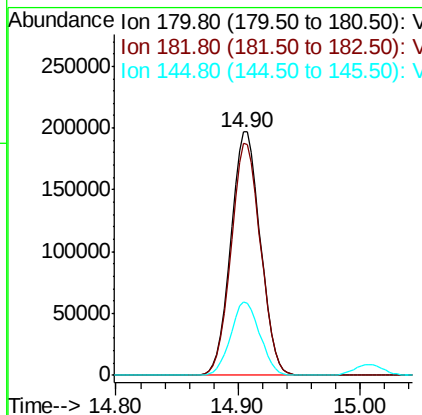
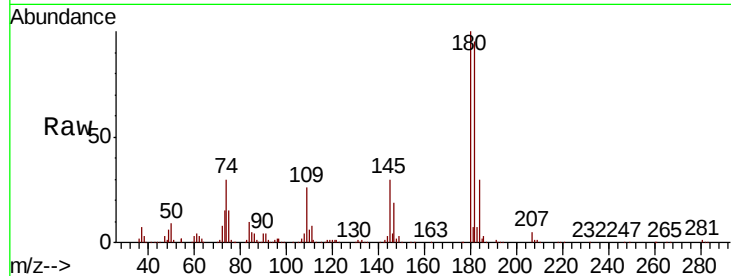




#93
 1,2,4-Trichlorobenzene
 Concen: 108.672 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

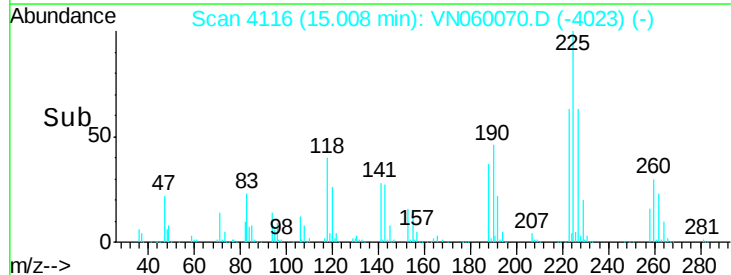
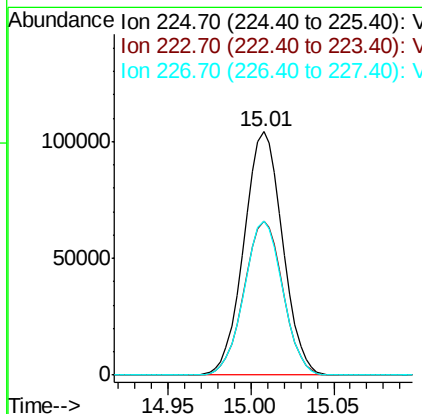
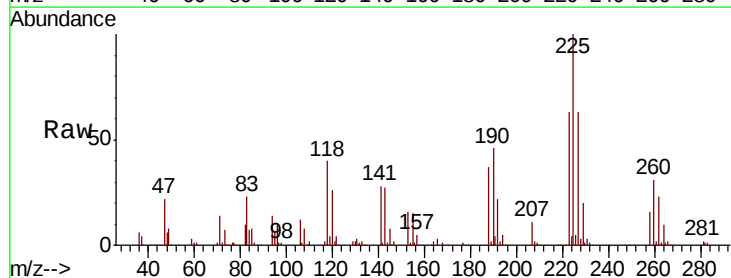
Instrument :
 MSVOA_N
 ClientSampled :

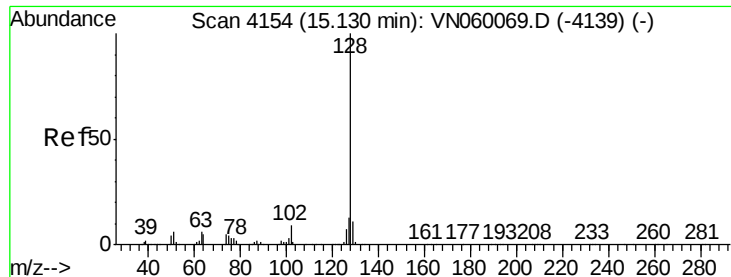
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	30.0	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 94.865 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060070.D
 Acq: 12 Feb 2020 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.5	94.5
227	63.2	31.8	95.4

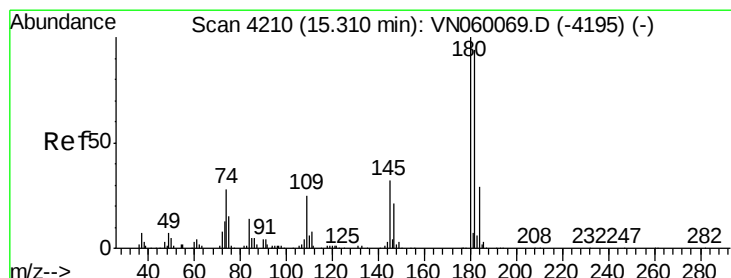
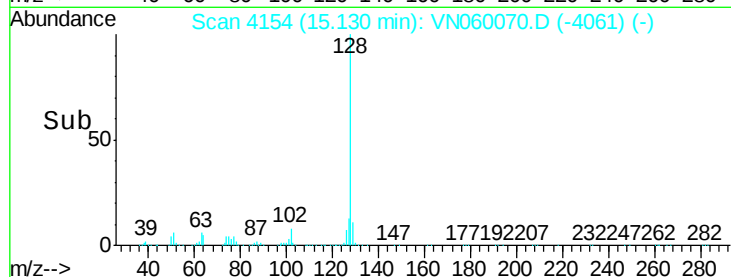
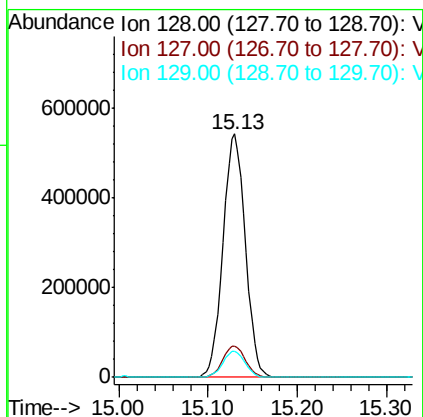
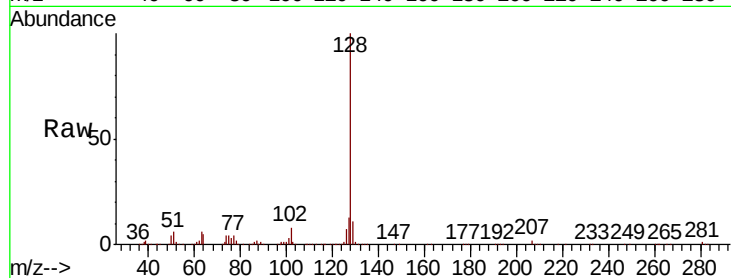




#95
Naphthalene
Concen: 113.736 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 937598
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 105.390 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060070.D
Acq: 12 Feb 2020 12:50

Tgt Ion:180 Resp: 320287
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.5
145 31.7 16.1 48.3

