

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060179.D
 Acq On : 21 Feb 2020 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 22:21:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	298210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144159	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	115666	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.56	113	90186	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.08	98	352374	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.39	95	134382	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	93420	49.451	ug/l	99
3) Chloromethane	2.04	50	107586	47.855	ug/l	98
4) Vinyl Chloride	2.17	62	124205	48.469	ug/l	100
5) Bromomethane	2.54	94	78163	49.745	ug/l	97
6) Chloroethane	2.68	64	65131	50.251	ug/l	97
7) Trichlorofluoromethane	3.00	101	163699	49.547	ug/l	99
8) Diethyl Ether	3.38	74	58006	52.743	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	91765	50.027	ug/l	99
10) Methyl Iodide	3.93	142	127357	51.580	ug/l	99
11) Tert butyl alcohol	4.73	59	87006	252.811	ug/l	99
12) 1,1-Dichloroethene	3.71	96	89354	50.004	ug/l	97
13) Acrolein	3.57	56	96543	283.803	ug/l	97
14) Allyl chloride	4.29	41	135221	51.413	ug/l	96
15) Acrylonitrile	4.94	53	228579	271.965	ug/l	99
16) Acetone	3.78	43	243622	242.854	ug/l	99
17) Carbon Disulfide	4.03	76	252861	46.947	ug/l	100
18) Methyl Acetate	4.28	43	105333	55.896	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	308640	51.360	ug/l	99
20) Methylene Chloride	4.52	84	100695	50.313	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	99455	51.058	ug/l	97
22) Diisopropyl ether	5.91	45	308272	53.482	ug/l	96
23) Vinyl Acetate	5.86	43	1307012	270.017	ug/l	98
24) 1,1-Dichloroethane	5.82	63	180589	51.718	ug/l	99
25) 2-Butanone	6.80	43	333661	264.463	ug/l	98
26) 2,2-Dichloropropane	6.79	77	169834	51.208	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	116376	51.050	ug/l	99
28) Bromochloromethane	7.17	49	72083	52.510	ug/l	99
29) Tetrahydrofuran	7.18	42	203333	262.704	ug/l	98
30) Chloroform	7.34	83	189884	51.913	ug/l	98
31) Cyclohexane	7.63	56	160467	49.333	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	171374	51.270	ug/l	99
36) 1,1-Dichloropropene	7.77	75	142375	51.545	ug/l	99
37) Ethyl Acetate	6.89	43	130629	52.328	ug/l	99
38) Carbon Tetrachloride	7.75	117	151116	50.375	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	173467	50.592	ug/l	98
40) Benzene	8.02	78	415405	50.699	ug/l	100
41) Methacrylonitrile	7.14	41	66876	63.880	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	151546	52.772	ug/l	98
43) Isopropyl Acetate	8.14	43	227005	53.196	ug/l	99
44) Trichloroethene	8.81	130	115411	50.870	ug/l	100
45) 1,2-Dichloropropane	9.10	63	109797	54.127	ug/l	99
46) Dibromomethane	9.19	93	74790	52.173	ug/l	98
47) Bromodichloromethane	9.38	83	152322	52.265	ug/l	98
48) Methyl methacrylate	9.18	41	100531	52.508	ug/l	97
49) 1,4-Dioxane	9.18	88	34958	1068.639	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	667860	270.390	ug/l	99
52) Toluene	10.14	92	273023	51.963	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	176433	53.632	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	182351	52.641	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	107734	52.558	ug/l	99
56) Ethyl methacrylate	10.42	69	158546	54.676	ug/l	99
57) 1,3-Dichloropropane	10.69	76	175326	51.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	387126	286.571	ug/l	99
59) 2-Hexanone	10.74	43	509437	267.001	ug/l	100
60) Dibromochloromethane	10.89	129	122052	51.887	ug/l	99
61) 1,2-Dibromoethane	10.99	107	112287	52.256	ug/l	99
64) Tetrachloroethene	10.62	164	108513	50.635	ug/l	98
65) Chlorobenzene	11.42	112	294346	51.249	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	112651	51.848	ug/l	99
67) Ethyl Benzene	11.50	91	537659	51.904	ug/l	100
68) m/p-Xylenes	11.61	106	406447	104.544	ug/l	99
69) o-Xylene	11.94	106	193723	51.752	ug/l	99
70) Styrene	11.96	104	324916	53.826	ug/l	100
71) Bromoform	12.12	173	92914	53.168	ug/l #	99
73) Isopropylbenzene	12.24	105	534209	49.624	ug/l	100
74) N-amyl acetate	12.06	43	207239	53.387	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	155189	50.084	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	211607	76.723	ug/l #	100
77) Bromobenzene	12.52	156	133190	49.855	ug/l	98
78) n-propylbenzene	12.59	91	619717	50.528	ug/l	100
79) 2-Chlorotoluene	12.67	91	358247	49.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	452419	50.546	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	59006	52.383	ug/l	100
82) 4-Chlorotoluene	12.77	91	378839	51.221	ug/l	99
83) tert-Butylbenzene	12.99	119	390274	49.290	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	451066	51.052	ug/l	100
85) sec-Butylbenzene	13.17	105	528668	50.416	ug/l	99
86) p-Isopropyltoluene	13.28	119	484440	50.990	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	243418	51.474	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	240696	50.908	ug/l	99
89) n-Butylbenzene	13.61	91	437616	52.368	ug/l	100
90) Hexachloroethane	13.87	117	87449	49.269	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	232712	50.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32259	48.947	ug/l	99

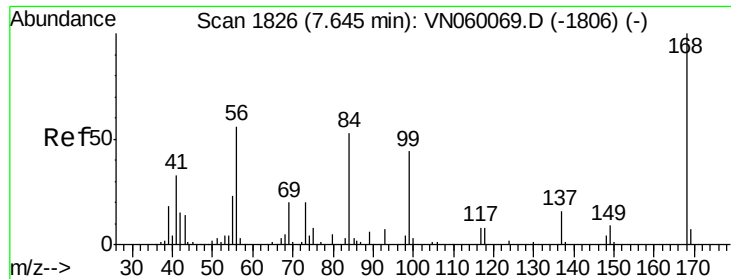
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022120\
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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	145189	53.393	ug/l	100
94) Hexachlorobutadiene	15.01	225	78477	49.297	ug/l	99
95) Naphthalene	15.13	128	367996	50.098	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	137544	50.792	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

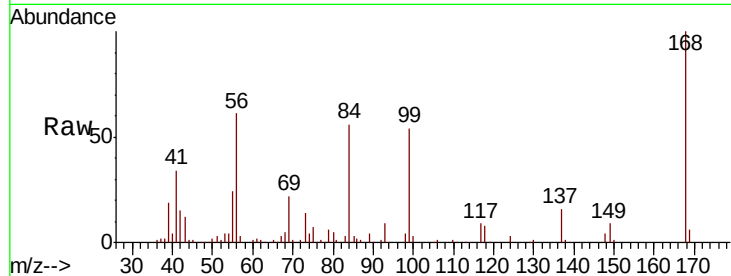
ClientSampled :

Tot Ion:168 Resp: 189000

Ion Ratio Lower Upper

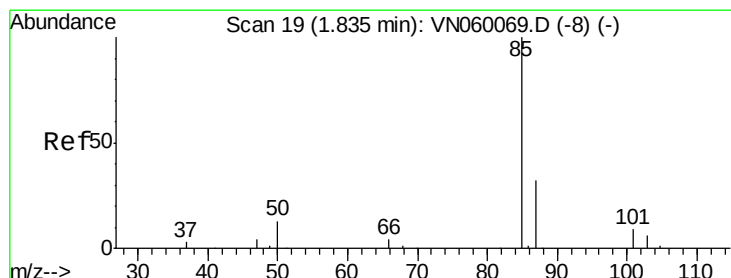
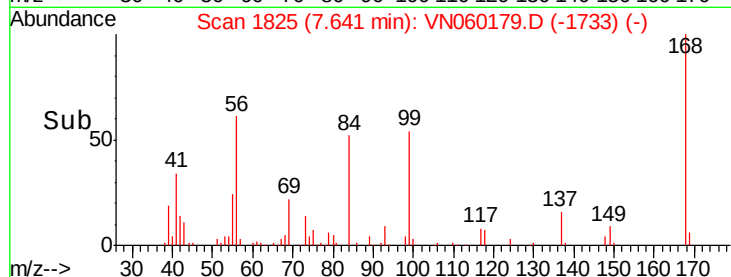
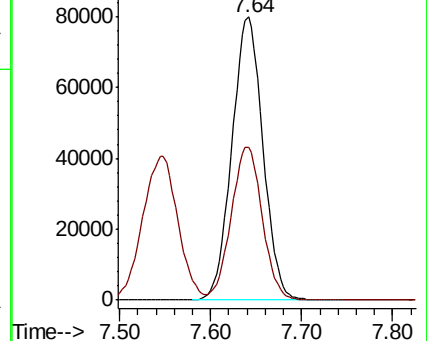
168 100

99 54.2 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: 49.451 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060179.D

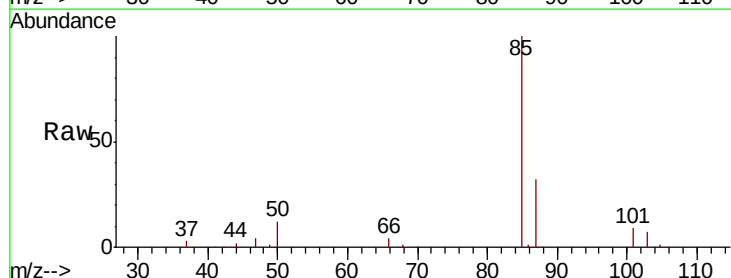
Acq: 21 Feb 2020 10:20

Tgt Ion: 85 Resp: 93420

Ion Ratio Lower Upper

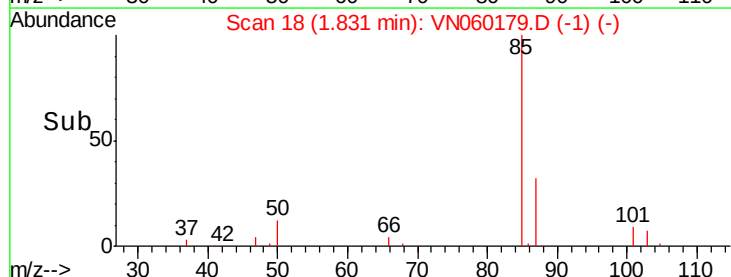
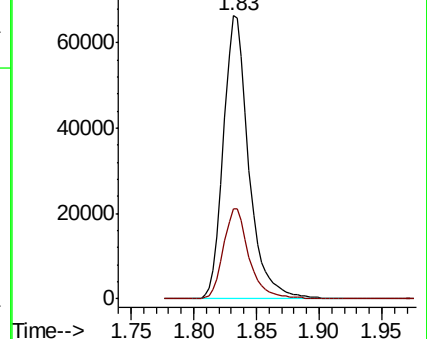
85 100

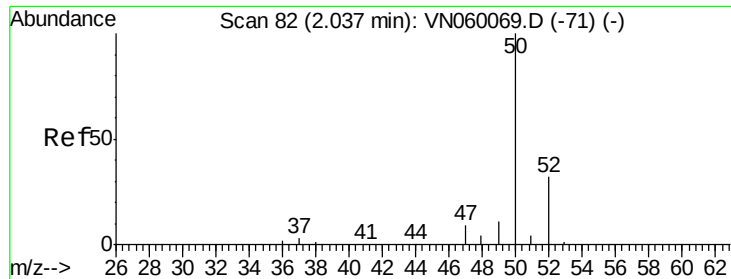
87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

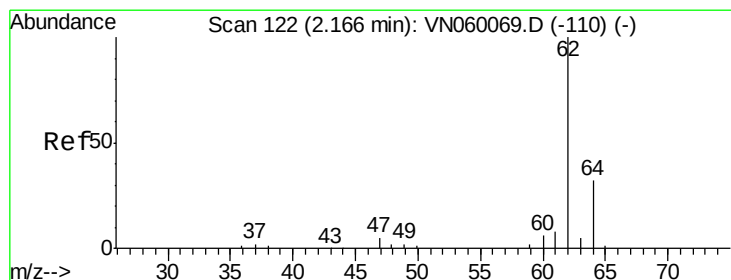
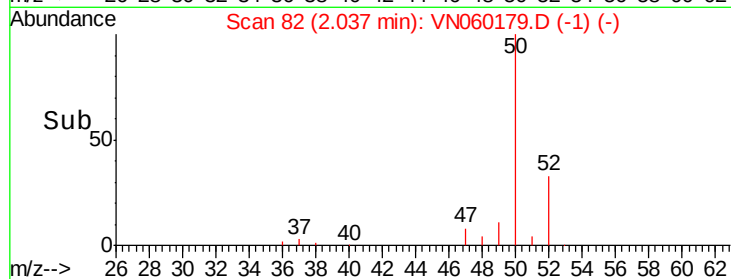
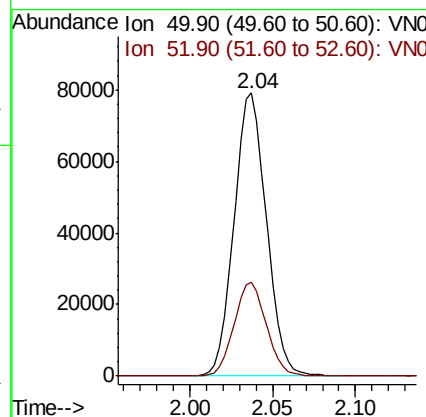
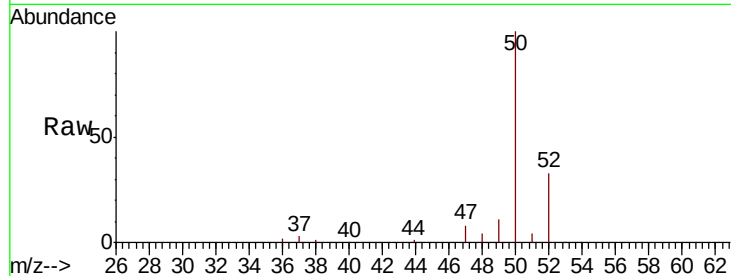




#3
 Chloromethane
 Concen: 47.855 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

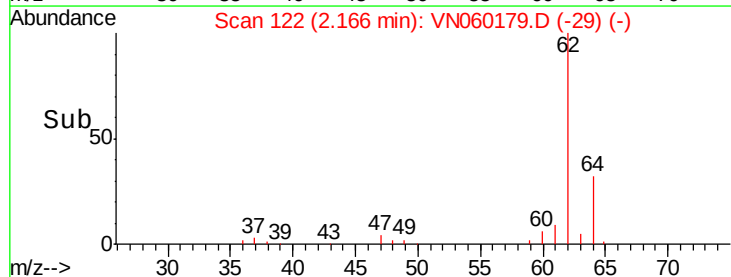
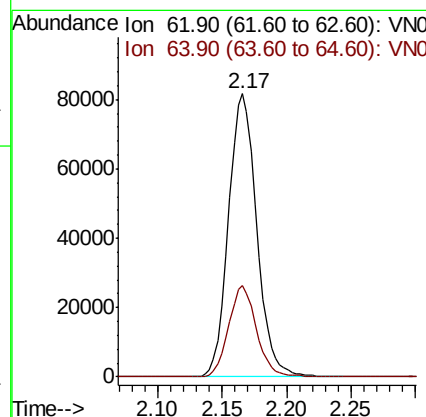
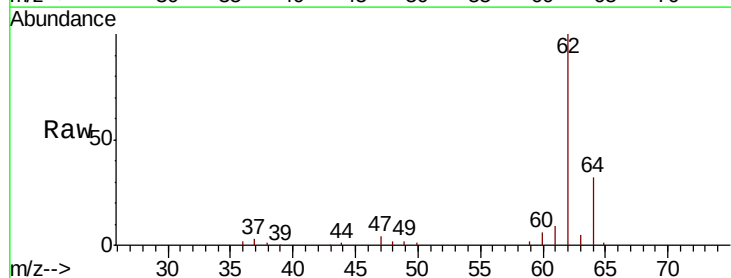
Instrument :
 MSVOA_N
 ClientSampled :

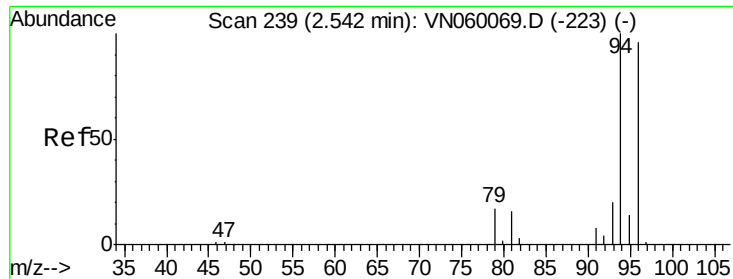
Tot Ion: 50 Resp: 107586
 Ion Ratio Lower Upper
 50 100
 52 33.2 25.6 38.4



#4
 Vinyl Chloride
 Concen: 48.469 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion: 62 Resp: 124205
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.9 38.9

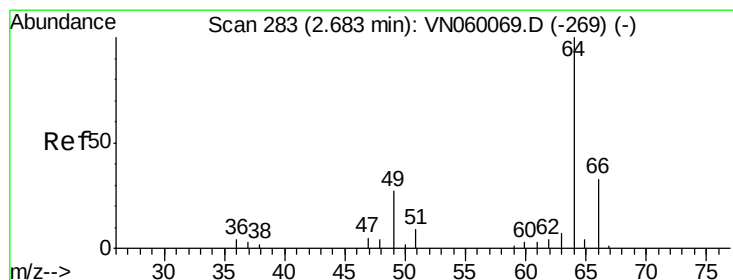
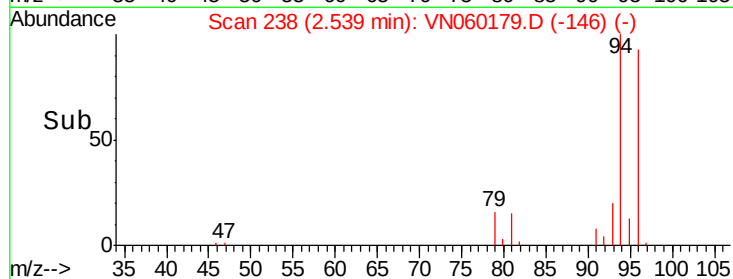
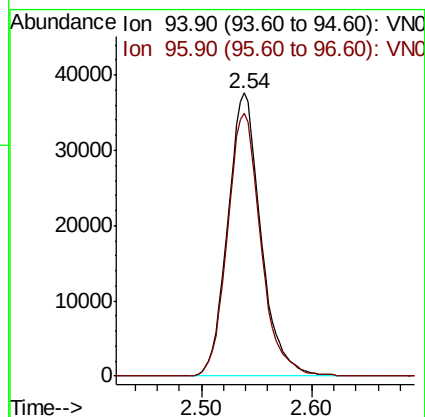
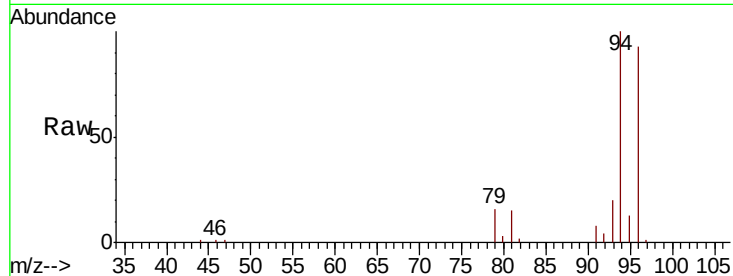




#5
Bromomethane
Concen: 49.745 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

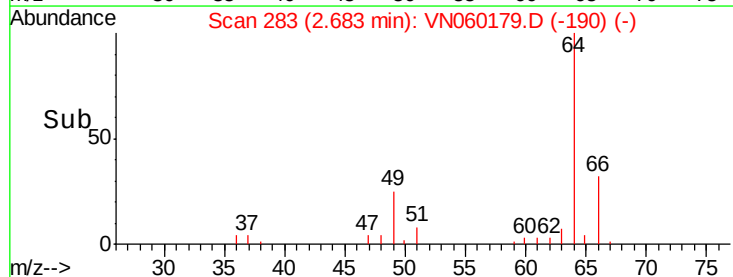
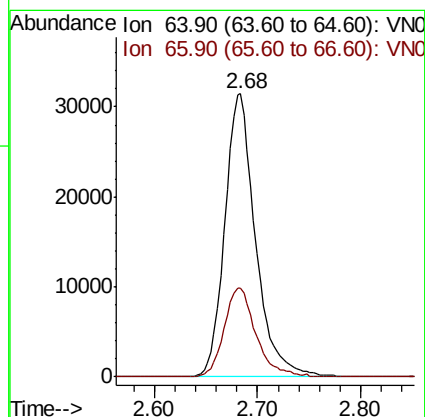
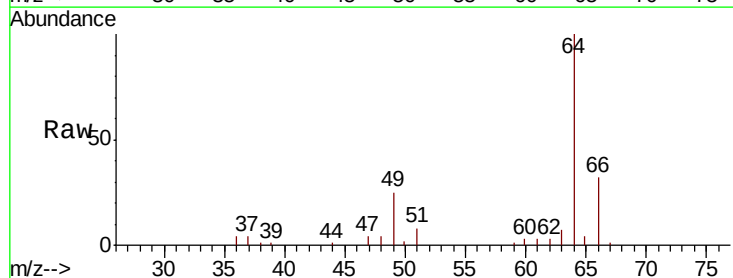
Instrument :
MSVOA_N
ClientSampleId :

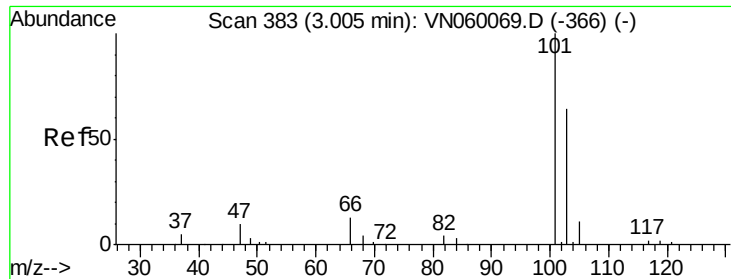
Tot Ion: 94 Resp: 78163
Ion Ratio Lower Upper
94 100
96 92.8 76.7 115.1



#6
Chloroethane
Concen: 50.251 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 64 Resp: 65131
Ion Ratio Lower Upper
64 100
66 31.5 26.6 40.0



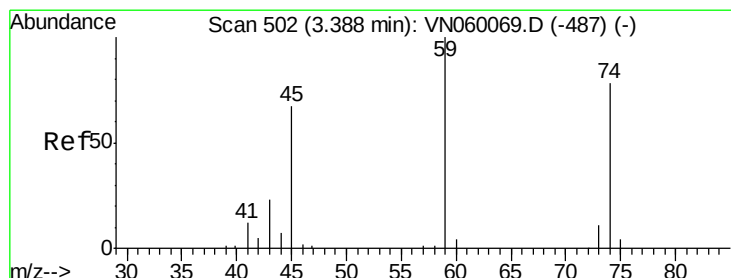
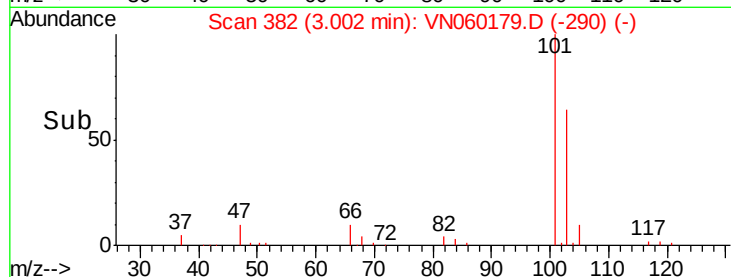
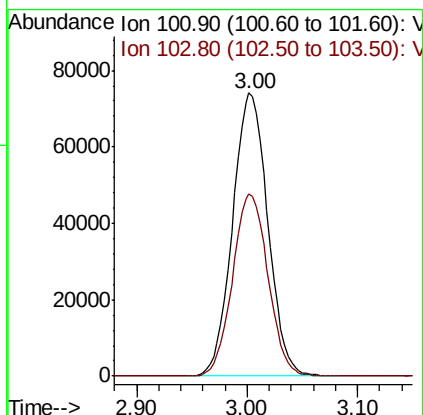
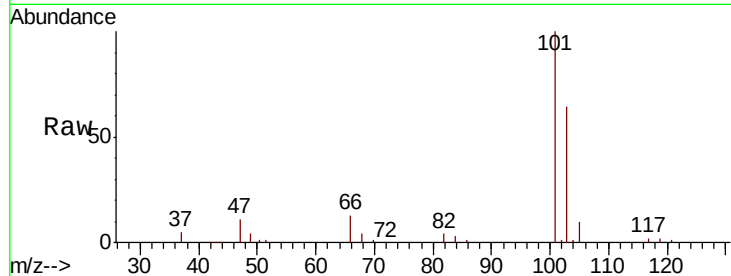


#7

Trichlorofluoromethane
Concen: 49.547 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Instrument :
MSVOA_N
ClientSampleId :

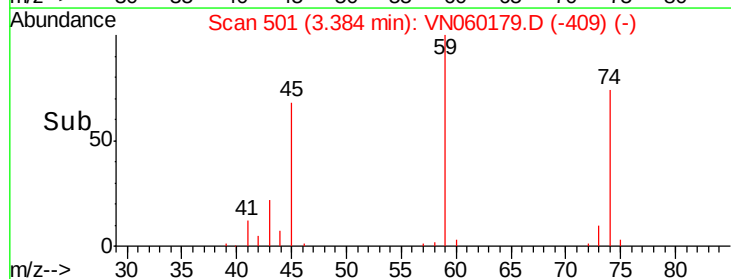
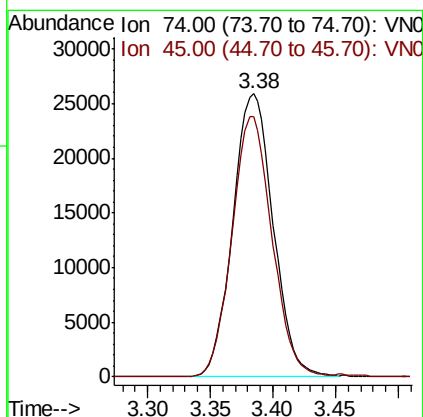
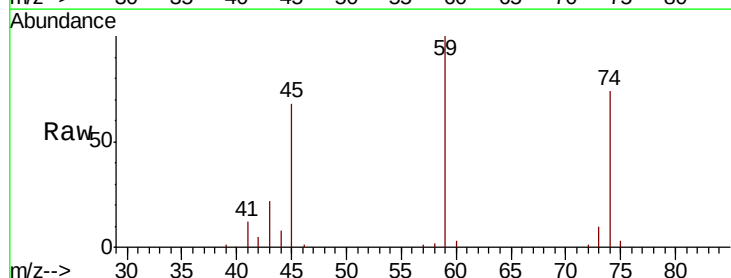
Tot Ion:101 Resp: 163699
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6

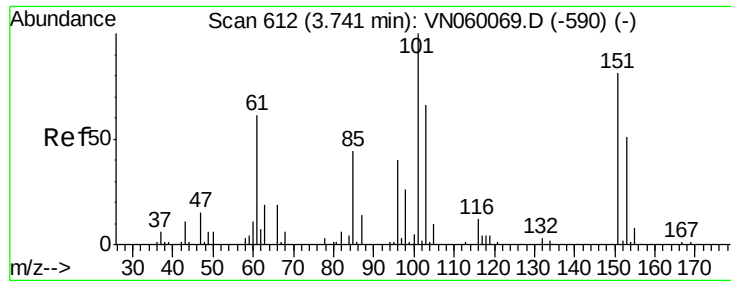


#8

Diethyl Ether
Concen: 52.743 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 74 Resp: 58006
Ion Ratio Lower Upper
74 100
45 90.9 44.7 134.1

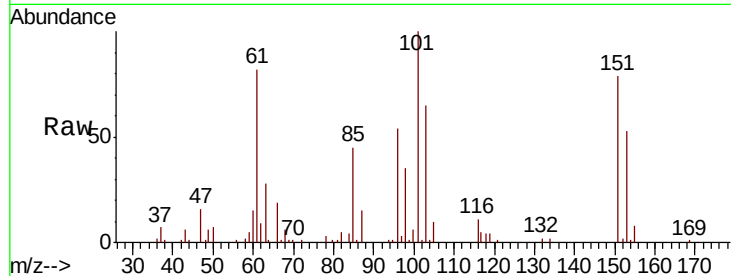




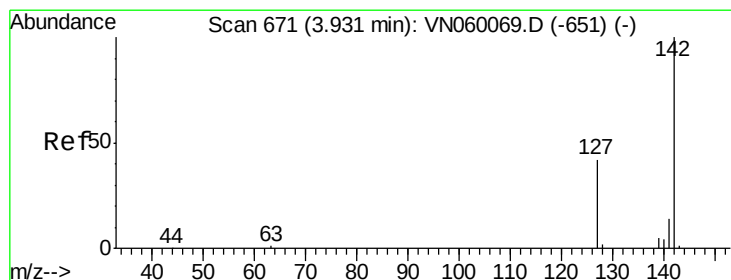
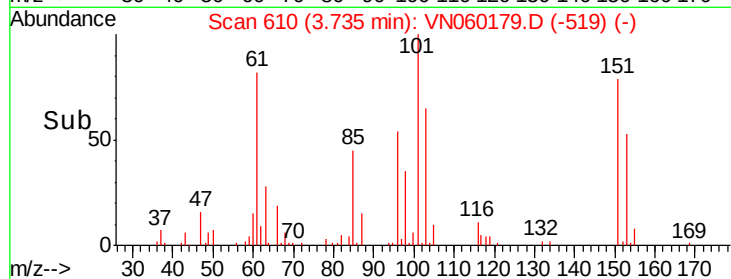
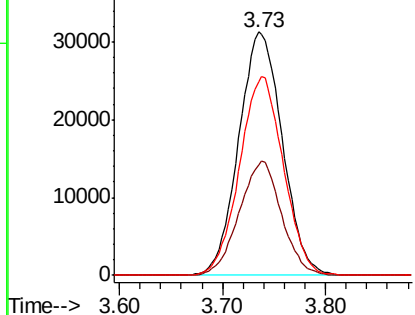
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.027 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 91765
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.1 52.7
 151 82.1 65.8 98.6

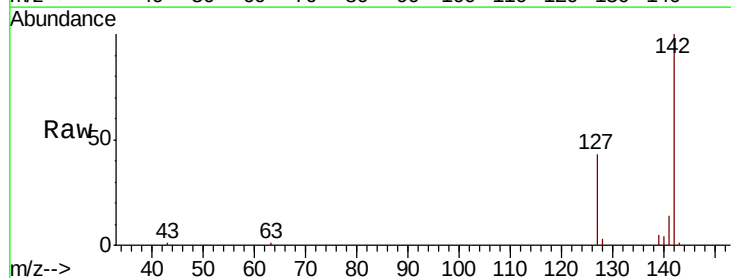


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

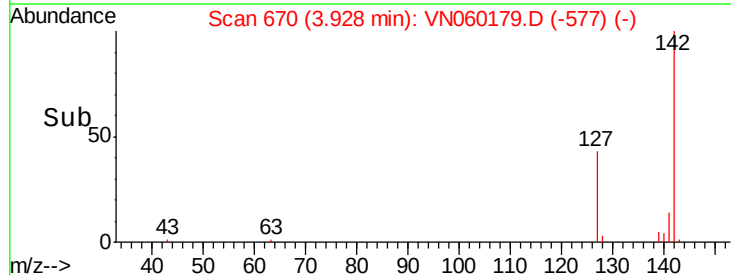
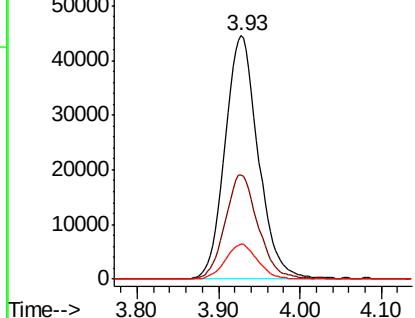


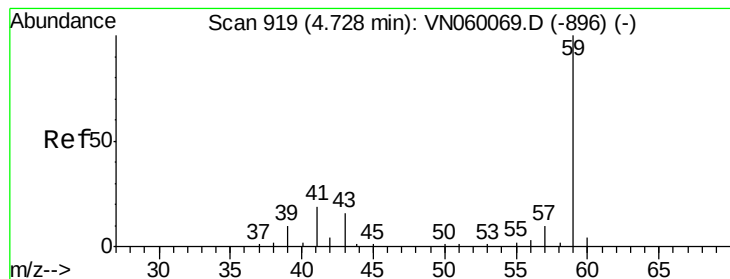
#10
 Methyl Iodide
 Concen: 51.580 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion:142 Resp: 127357
 Ion Ratio Lower Upper
 142 100
 127 42.6 33.6 50.4
 141 13.8 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



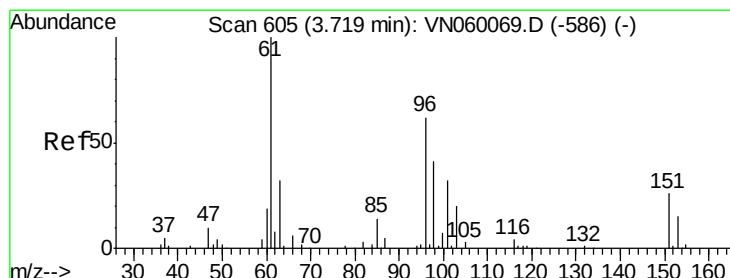
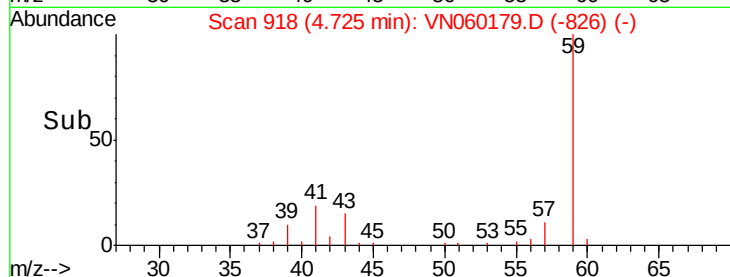
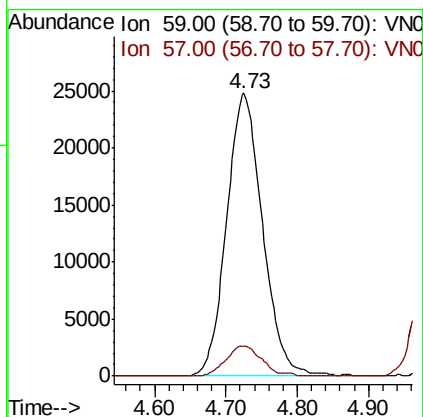
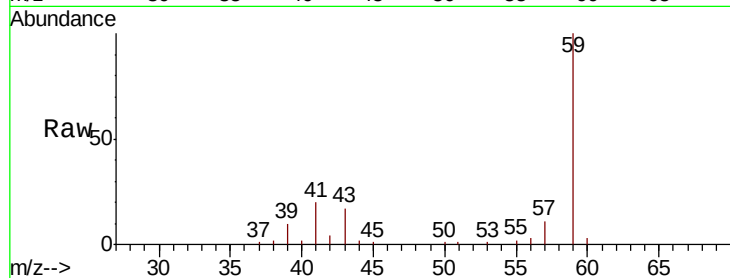


#11

Tert butyl alcohol
 Concen: 252.811 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Instrument :
 MSVOA_N
 ClientSampled :

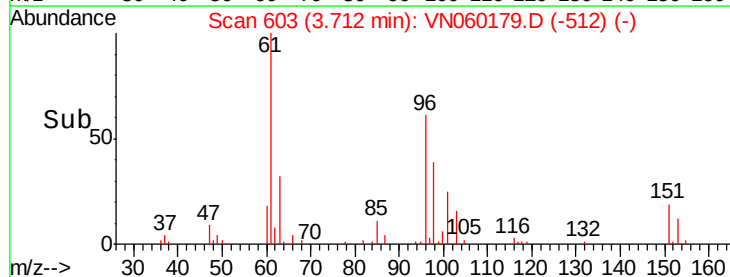
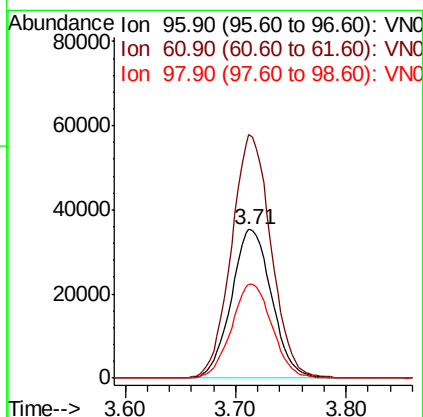
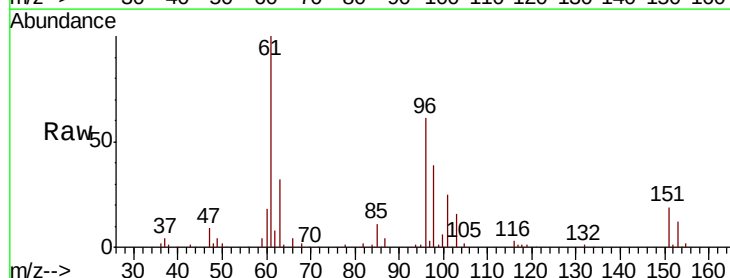
Tot Ion: 59 Resp: 87006
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.4

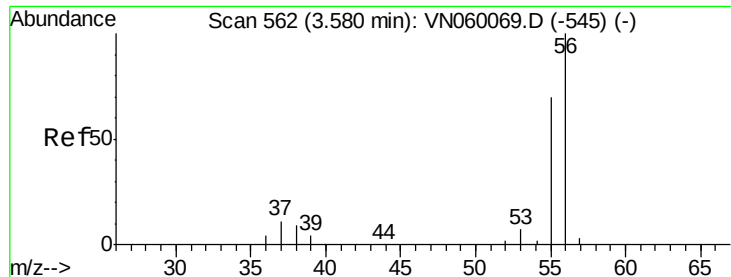


#12

1,1-Dichloroethene
 Concen: 50.004 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion: 96 Resp: 89354
 Ion Ratio Lower Upper
 96 100
 61 163.9 128.3 192.5
 98 63.2 52.2 78.4





#13

Acrolein

Concen: 283.803 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

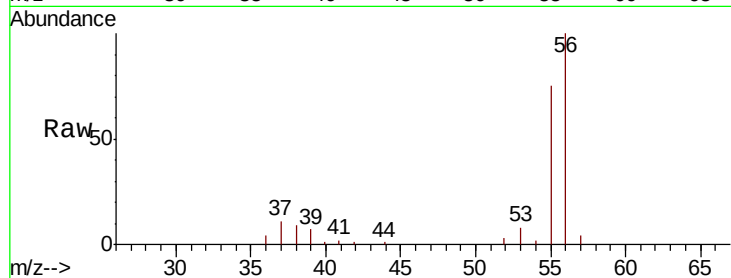
ClientSampleId :

Tot Ion: 56 Resp: 96543

Ion Ratio Lower Upper

56 100

55 71.3 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060179.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060179.D (-545) (-)

3.57

40000

30000

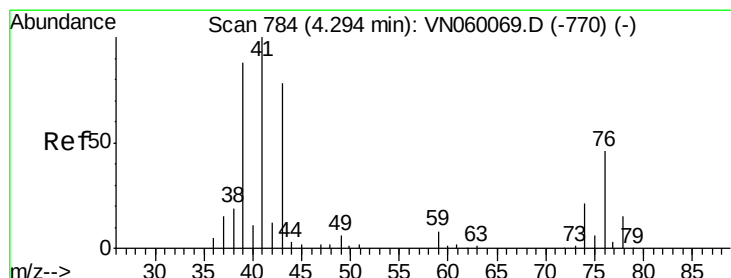
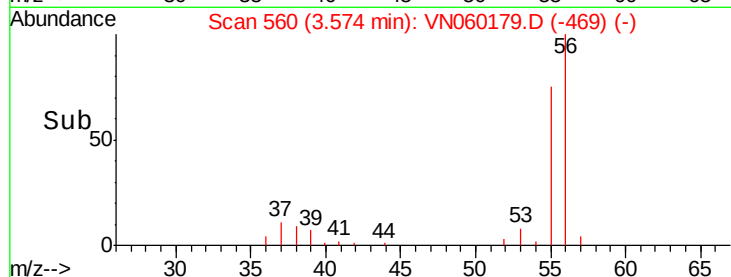
20000

10000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 51.413 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

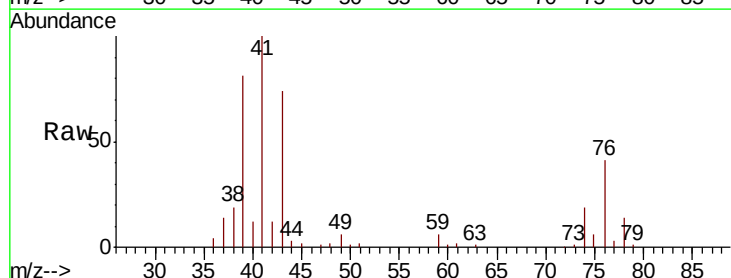
Tgt Ion: 41 Resp: 135221

Ion Ratio Lower Upper

41 100

39 79.8 67.8 101.8

76 40.9 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060179.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060179.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060179.D (-691) (-)

4.29

60000

50000

40000

30000

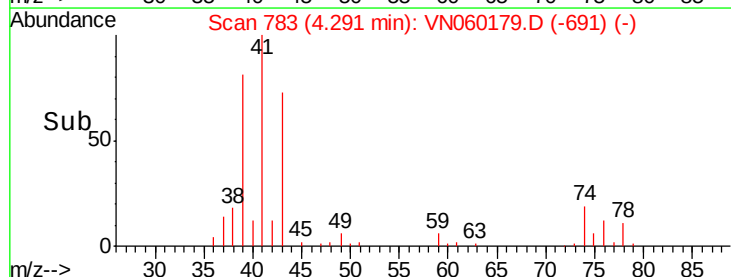
20000

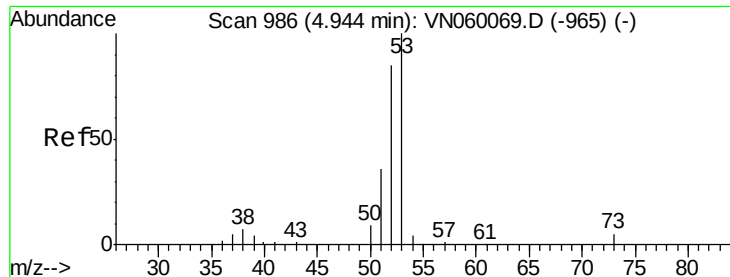
10000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 271.965 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

ClientSampled :

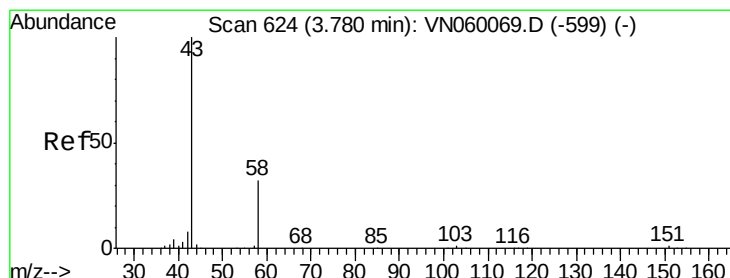
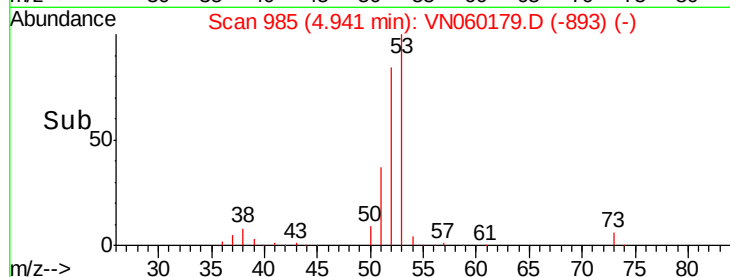
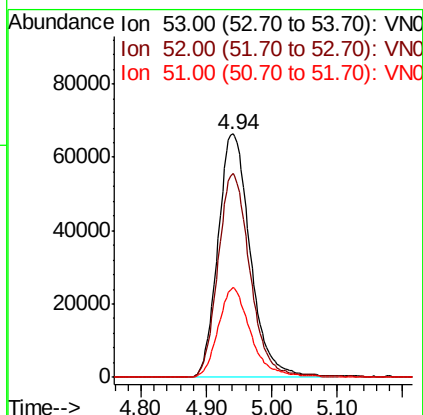
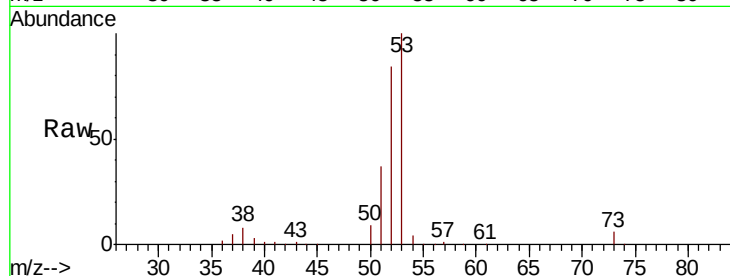
Tot Ion: 53 Resp: 228579

Ion Ratio Lower Upper

53 100

52 82.9 66.8 100.2

51 37.0 29.4 44.0



#16

Acetone

Concen: 242.854 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060179.D

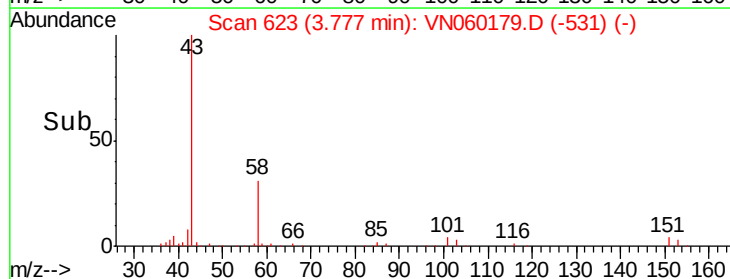
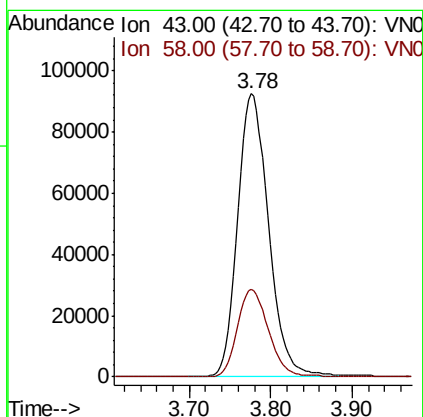
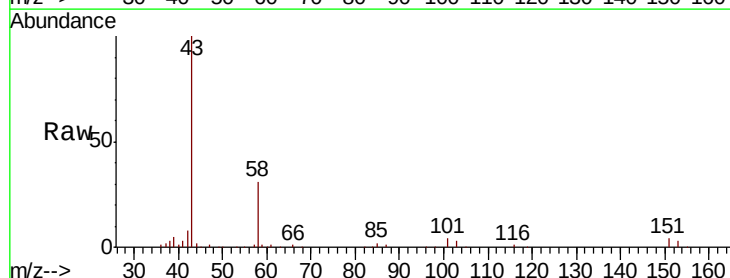
Acq: 21 Feb 2020 10:20

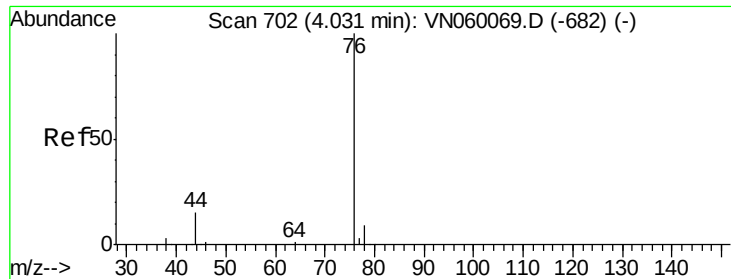
Tgt Ion: 43 Resp: 243622

Ion Ratio Lower Upper

43 100

58 30.9 25.2 37.8





#17

Carbon Disulfide

Concen: 46.947 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

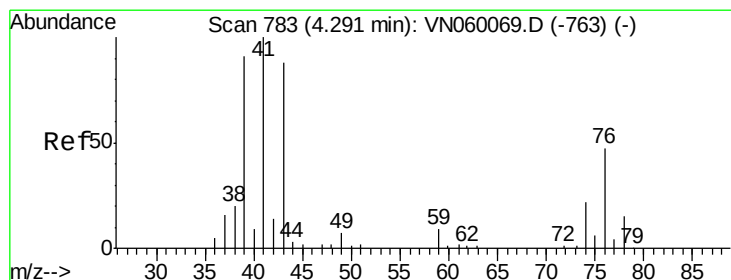
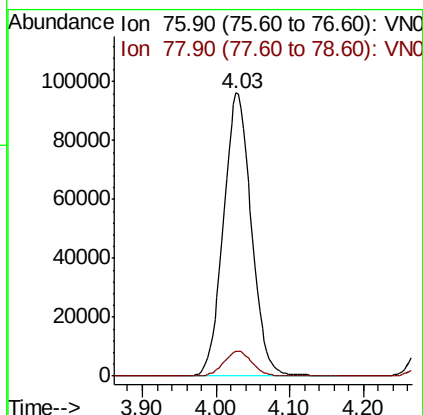
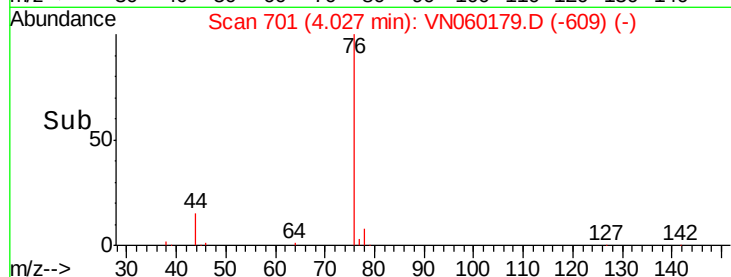
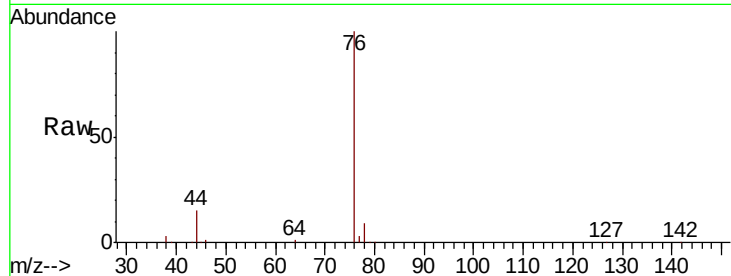
ClientSampled :

Tot Ion: 76 Resp: 252861

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 55.896 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.01 min

Lab File: VN060179.D

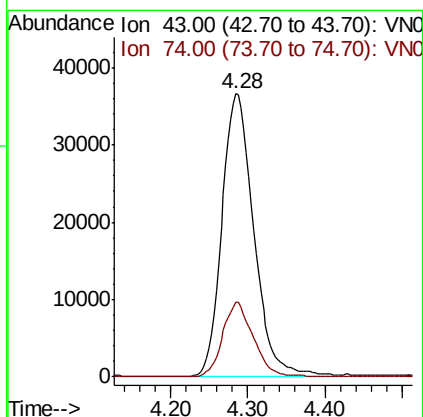
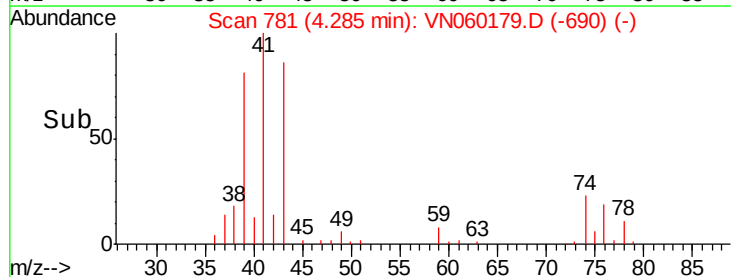
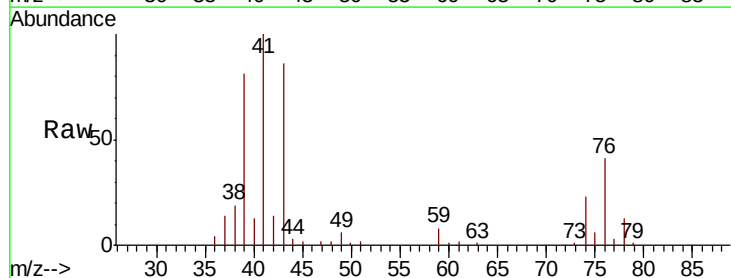
Acq: 21 Feb 2020 10:20

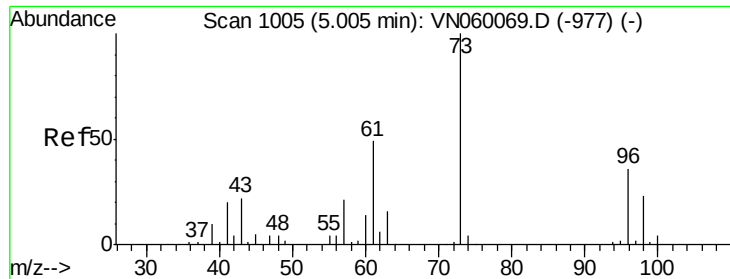
Tgt Ion: 43 Resp: 105333

Ion Ratio Lower Upper

43 100

74 25.0 20.3 30.5

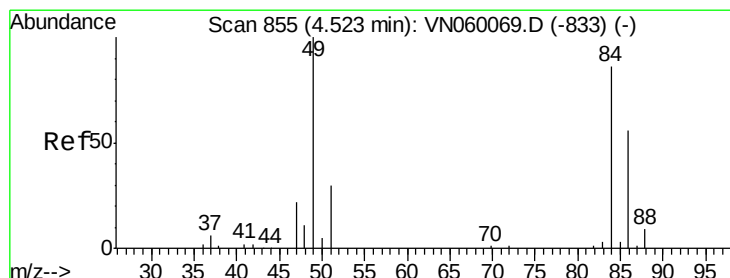
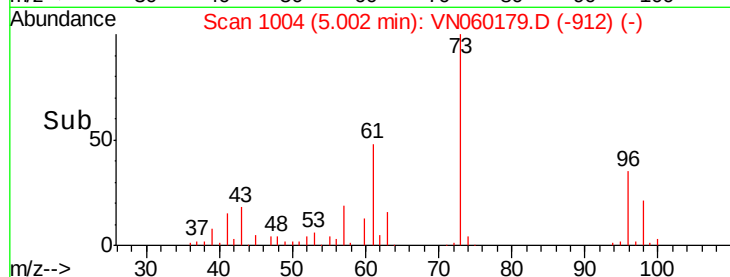
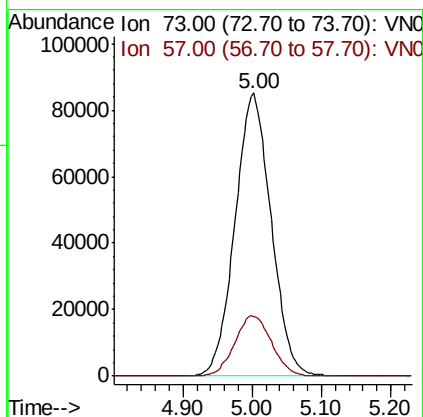
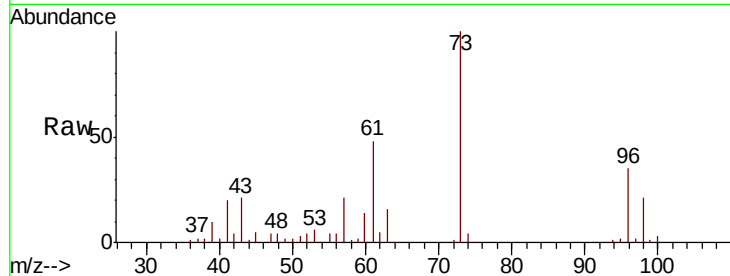




#19
Methvl tert-butvl Ether
Concen: 51.360 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

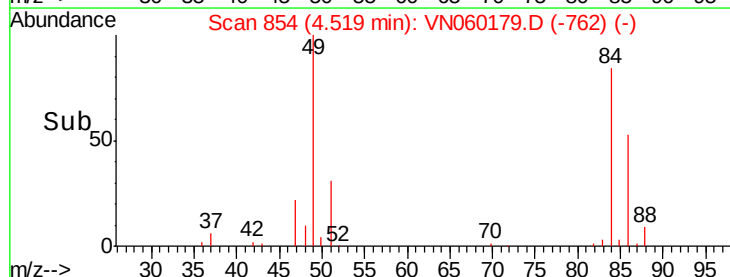
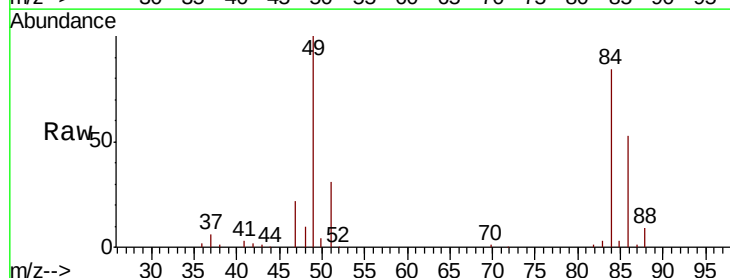
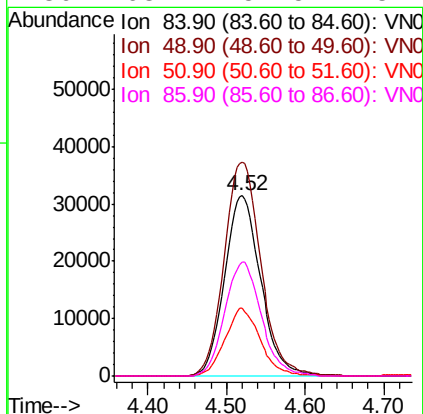
Instrument :
MSVOA_N
ClientSampled :

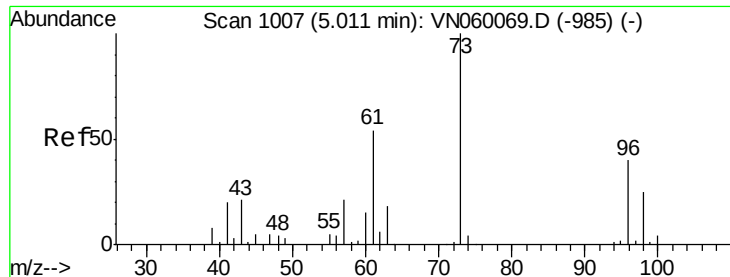
Tot Ion: 73 Resp: 308640
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 50.313 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 84 Resp: 100695
Ion Ratio Lower Upper
84 100
49 118.6 93.4 140.0
51 37.3 28.4 42.6
86 63.4 52.5 78.7

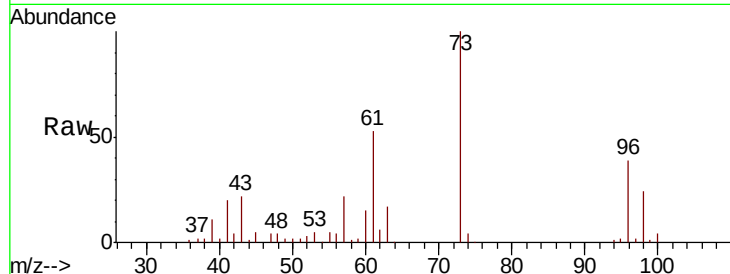




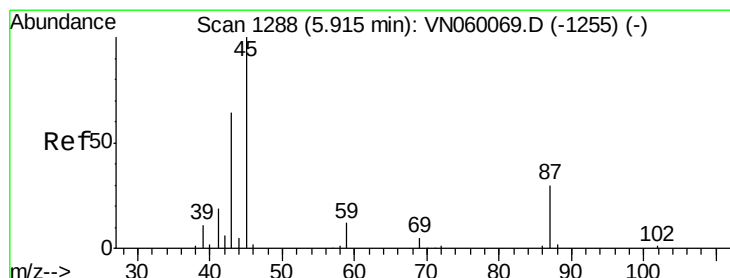
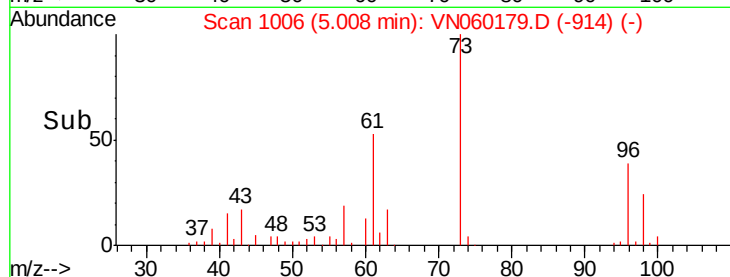
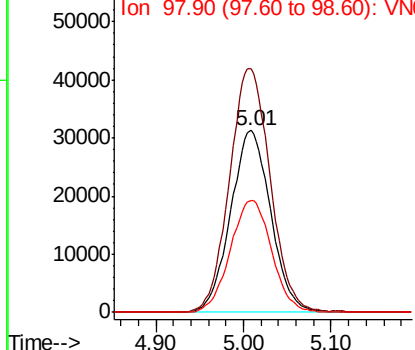
#21
trans-1,2-Dichloroethene
Concen: 51.058 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 99455
Ion Ratio Lower Upper
96 100
61 133.5 109.3 163.9
98 61.9 51.0 76.6

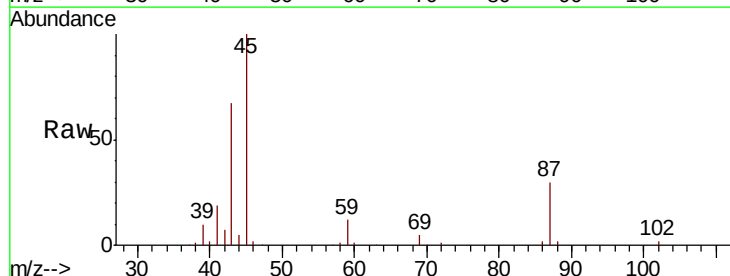


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

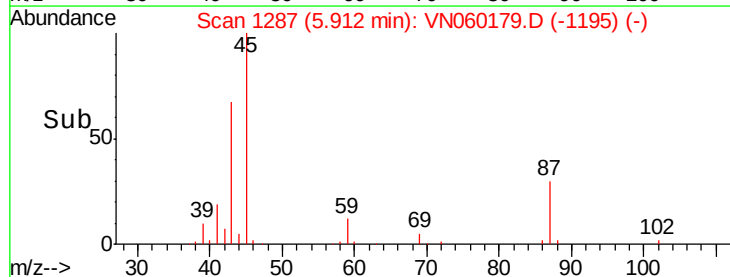
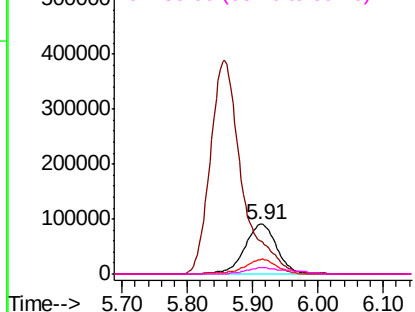


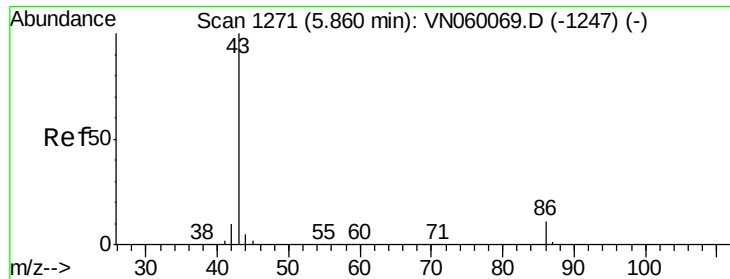
#22
Diisopropyl ether
Concen: 53.482 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 45 Resp: 308272
Ion Ratio Lower Upper
45 100
43 66.0 55.9 83.9
87 29.6 24.5 36.7
59 11.8 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

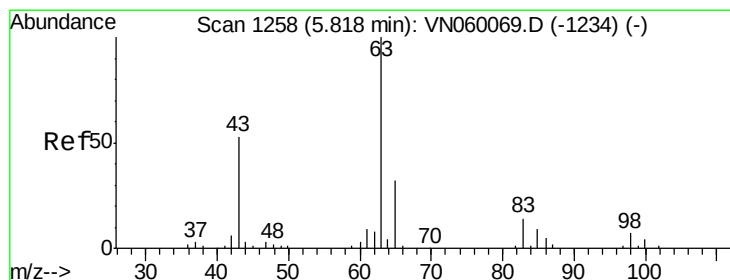
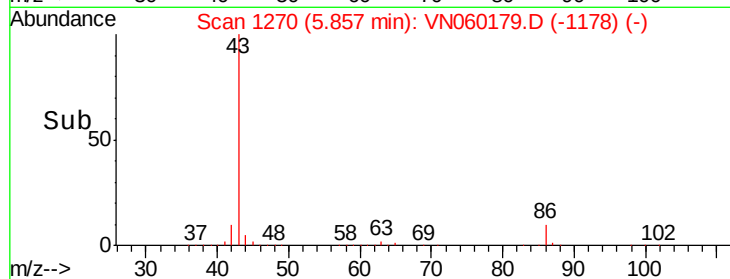
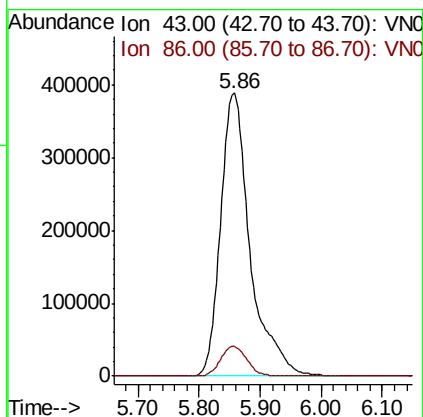
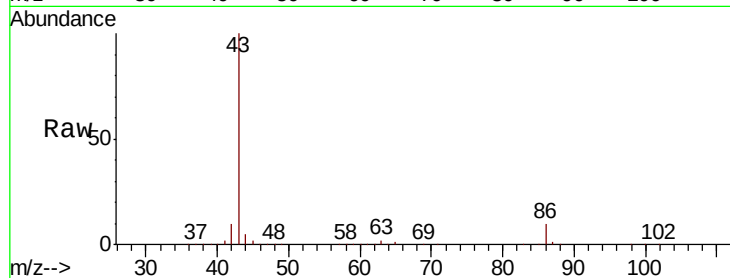




#23
 Vinyl Acetate
 Concen: 270.017 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

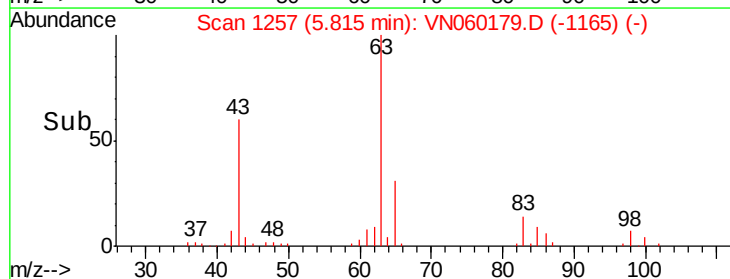
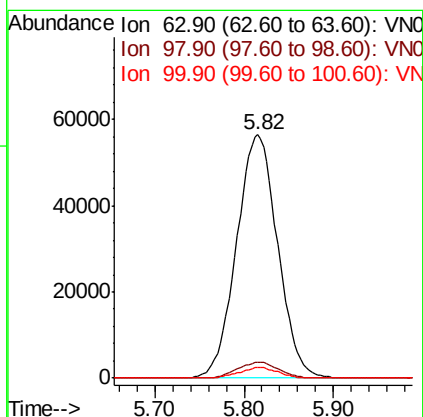
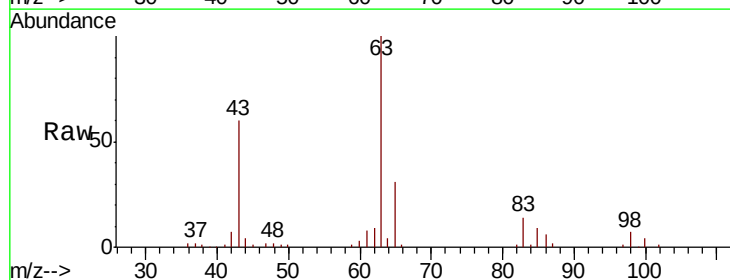
Instrument :
 MSVOA_N
 ClientSampled :

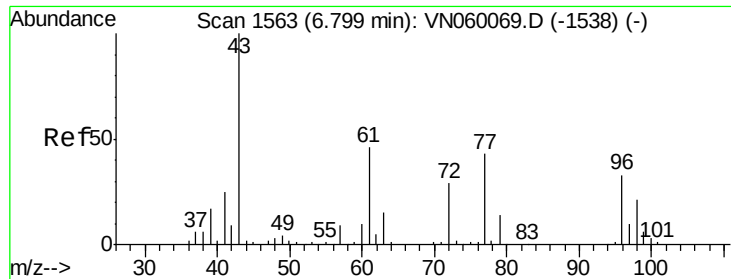
Tot Ion: 43 Resp: 1307012
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 51.718 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion: 63 Resp: 180589
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 264.463 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

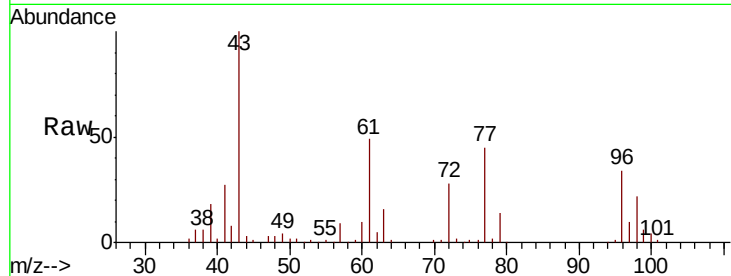
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 333661

Ion Ratio Lower Upper

43 100

72 27.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1538) (-)

Ion 72.00 (71.70 to 72.70): VN060069.D (-1538) (-)

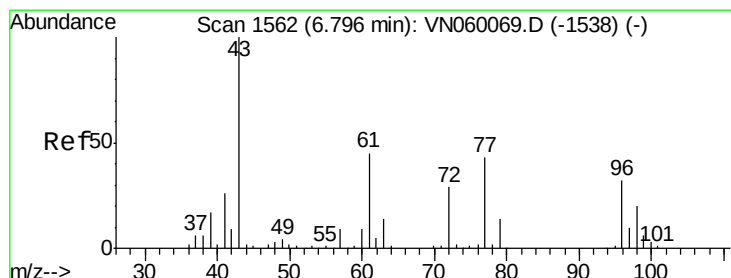
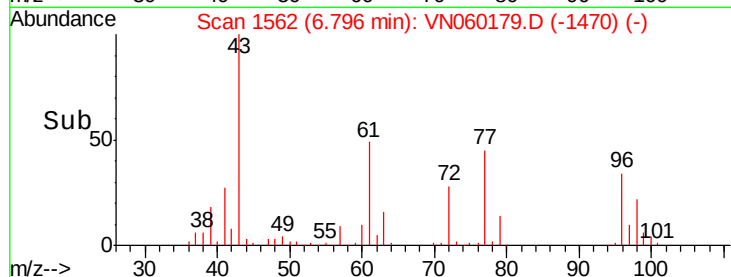
6.80

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.208 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060179.D

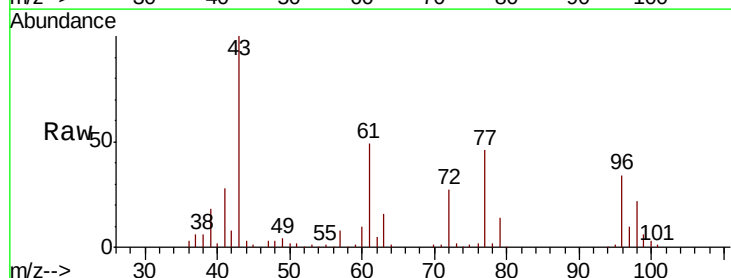
Acq: 21 Feb 2020 10:20

Tgt Ion: 77 Resp: 169834

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060069.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN060069.D (-1538) (-)

6.79

60000

50000

40000

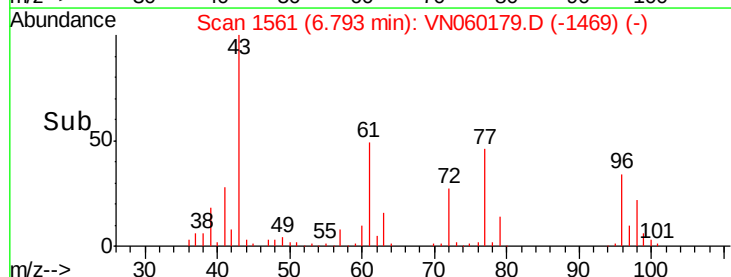
30000

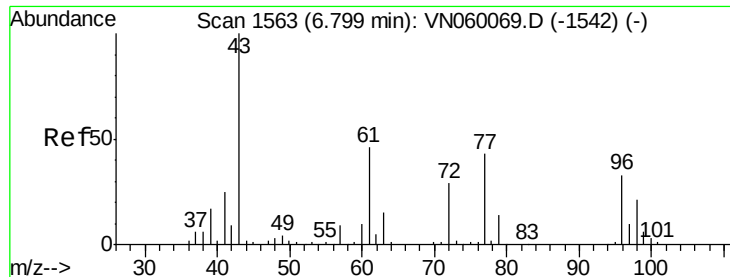
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.050 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :
MSVOA_N
ClientSampled :

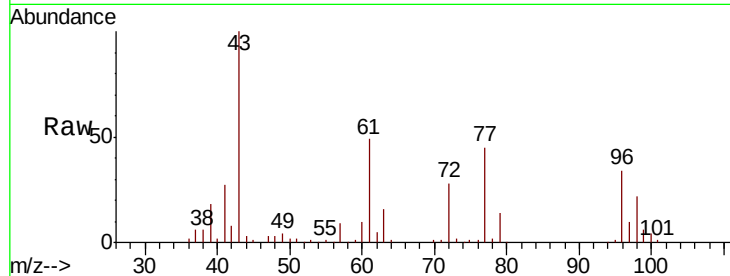
Tot Ion: 96 Resp: 116376

Ion Ratio Lower Upper

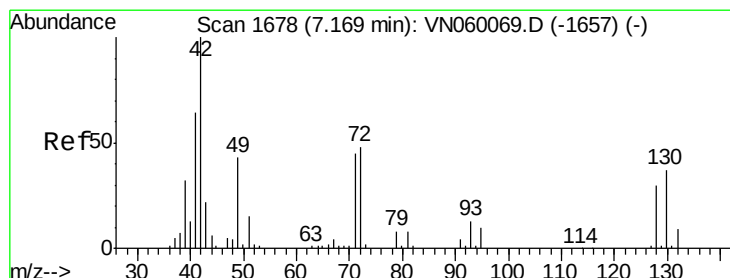
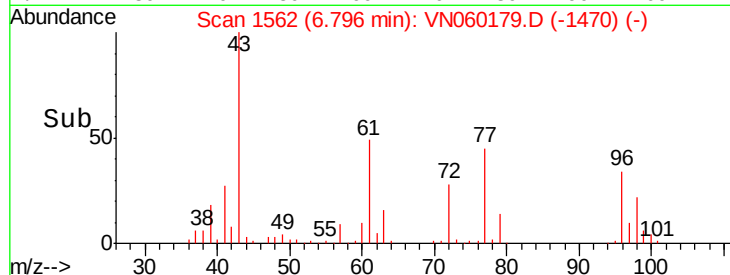
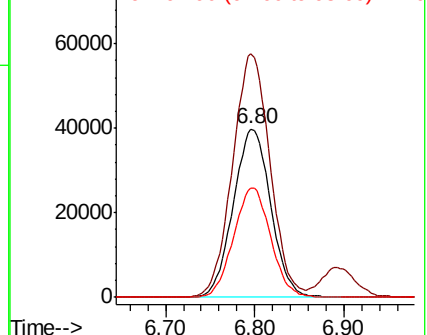
96 100

61 144.4 0.0 285.8

98 64.3 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: 52.510 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

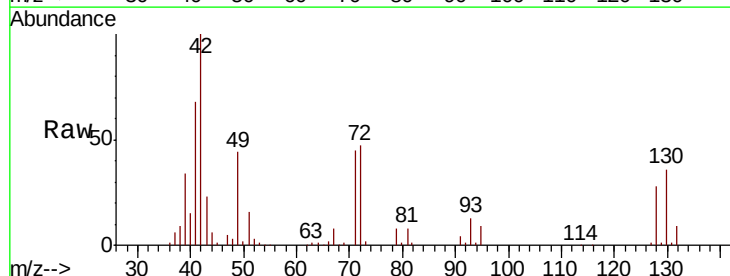
Tgt Ion: 49 Resp: 72083

Ion Ratio Lower Upper

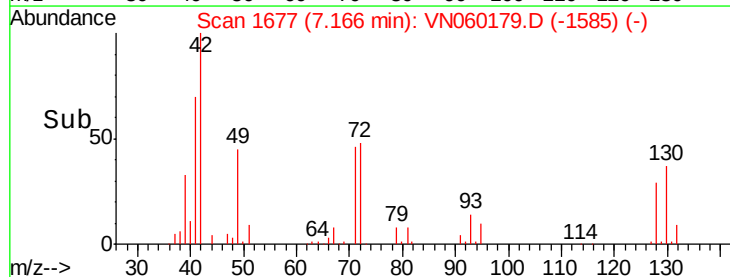
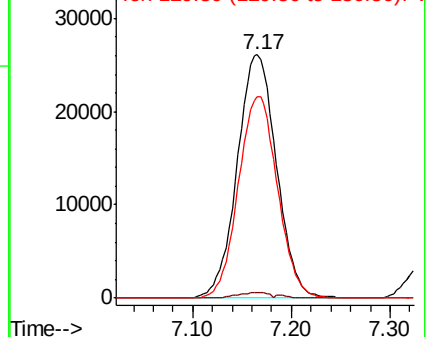
49 100

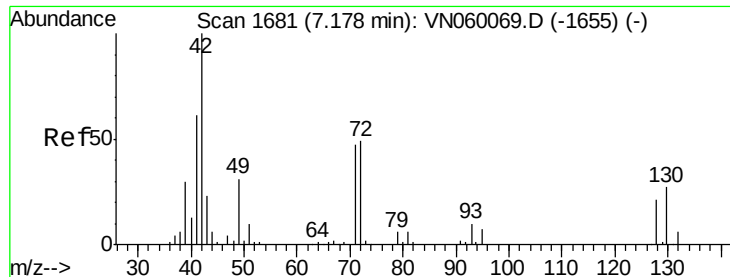
129 1.7 0.0 2.2

130 82.3 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

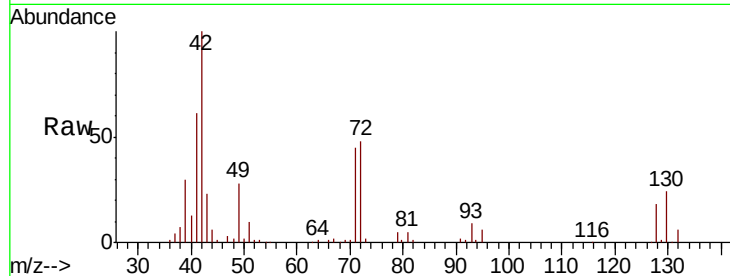




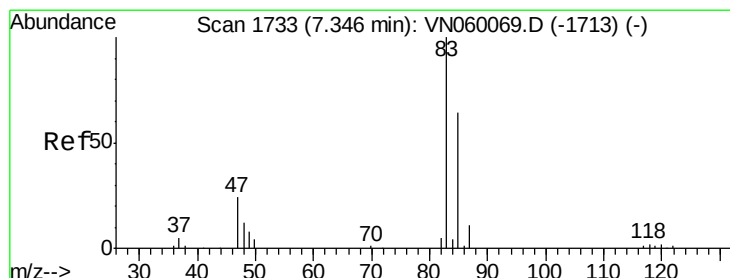
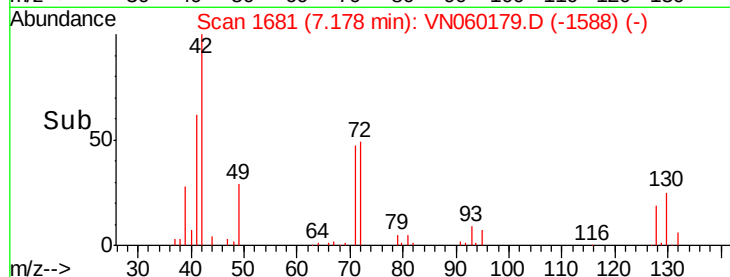
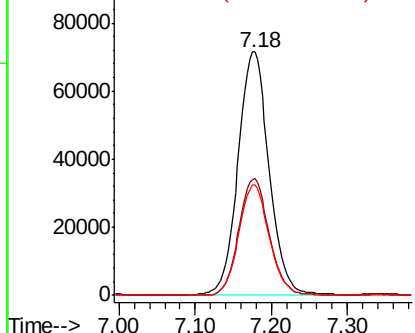
#29
Tetrahydrofuran
Concen: 262.704 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 203333
Ion Ratio Lower Upper
42 100
72 46.7 38.2 57.4
71 44.4 36.6 54.8

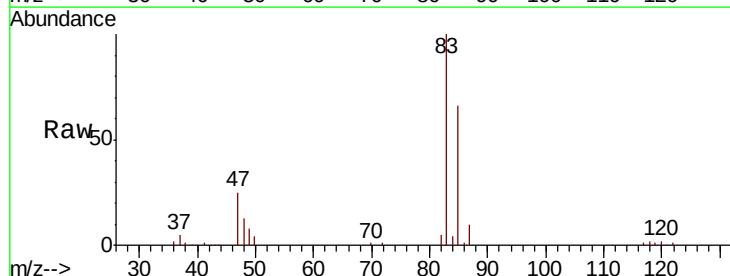


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

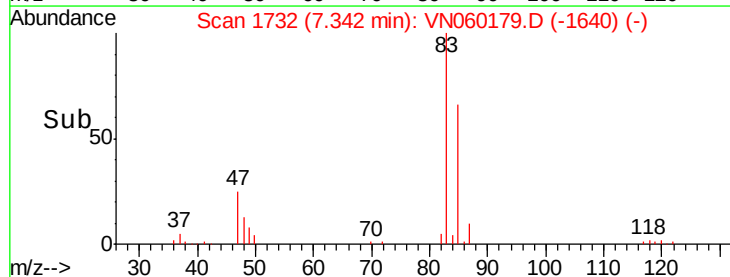
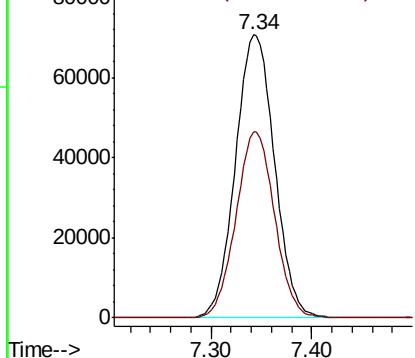


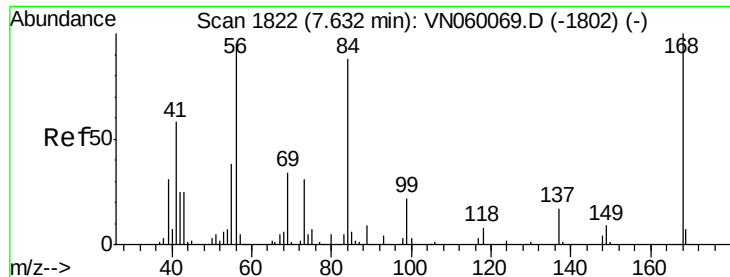
#30
Chloroform
Concen: 51.913 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 83 Resp: 189884
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.0



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

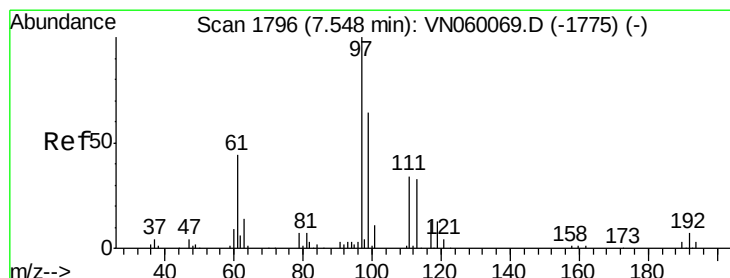
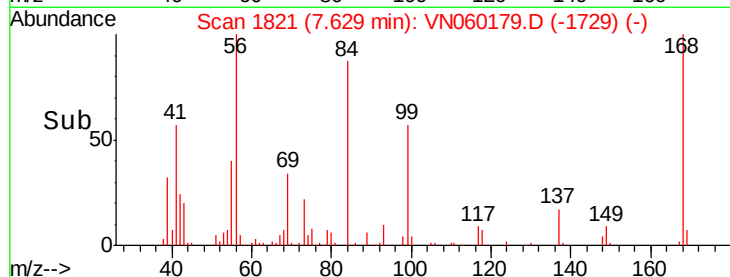
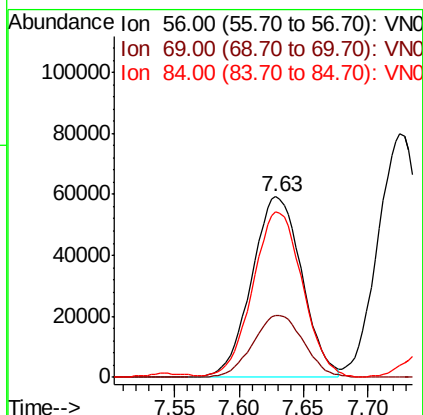
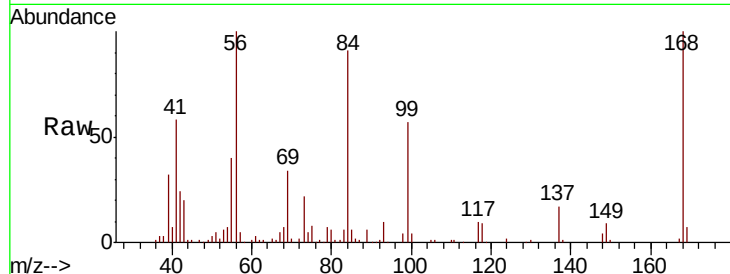




#31
Cyclohexane
Concen: 49.333 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

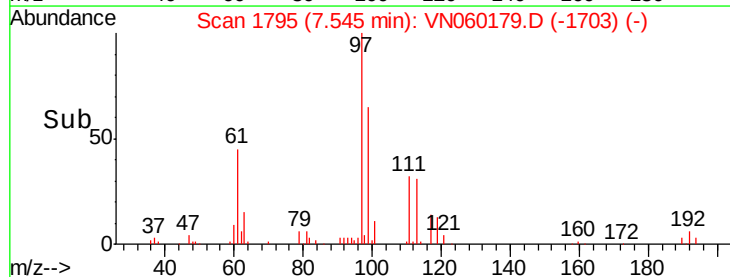
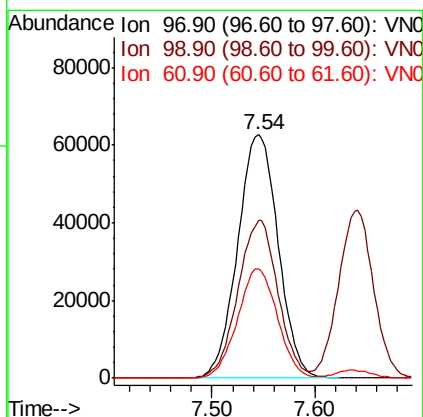
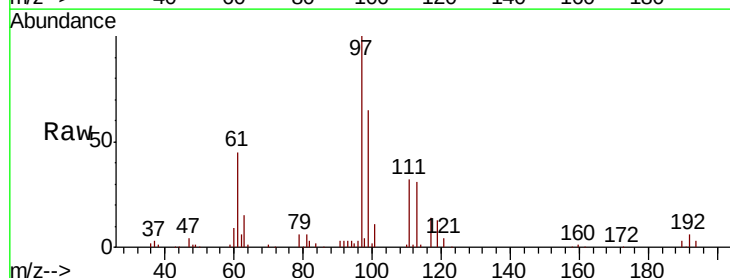
Instrument :
MSVOA_N
ClientSampled :

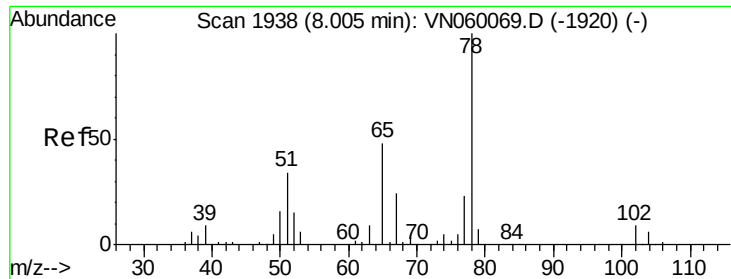
Tot Ion: 56 Resp: 160467
Ion Ratio Lower Upper
56 100
69 34.1 28.3 42.5
84 90.0 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 51.270 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 97 Resp: 171374
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 44.4 34.9 52.3

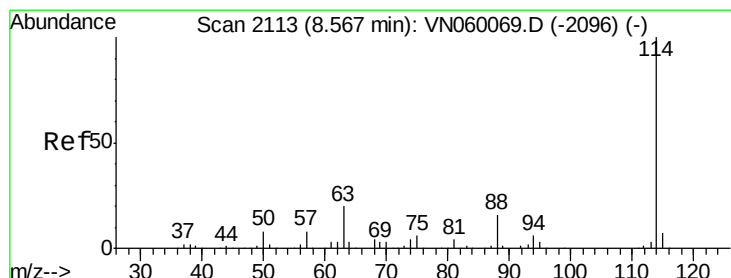
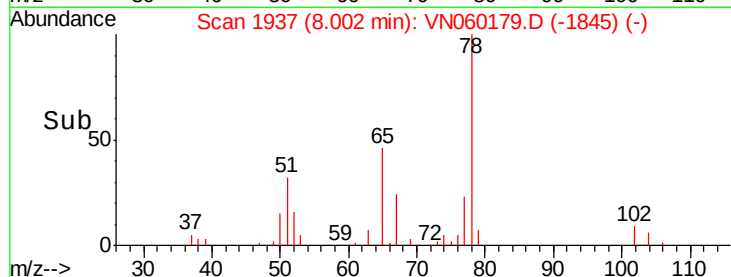
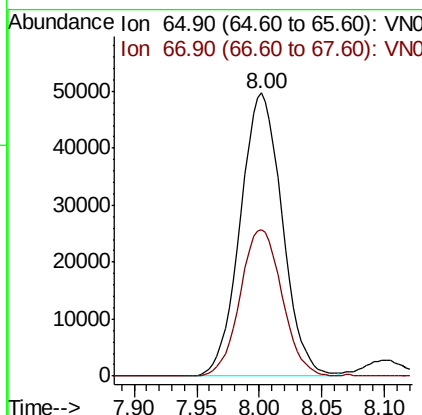
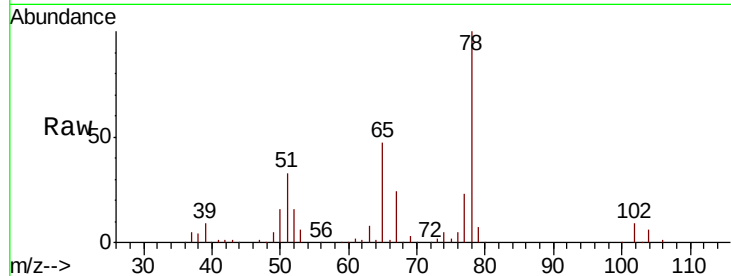




#33
 1,2-Dichloroethane-d4
 Concen: 50.294 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

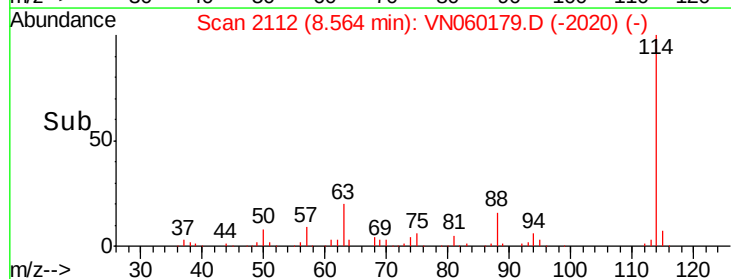
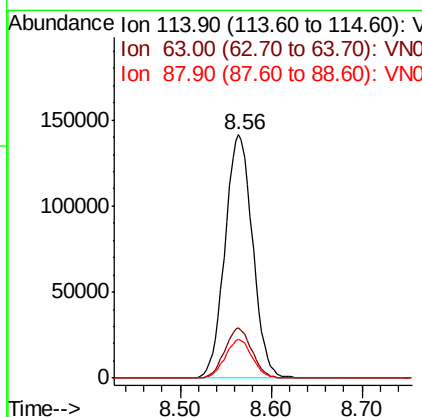
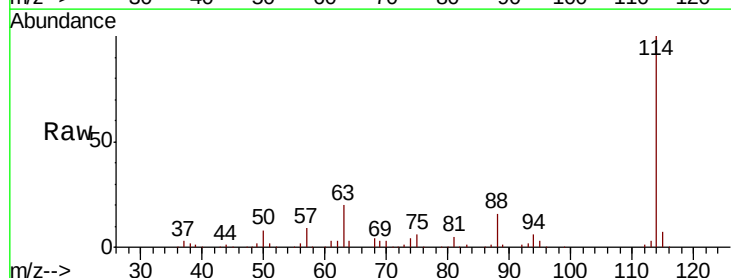
Instrument :
 MSVOA_N
 ClientSampleId :

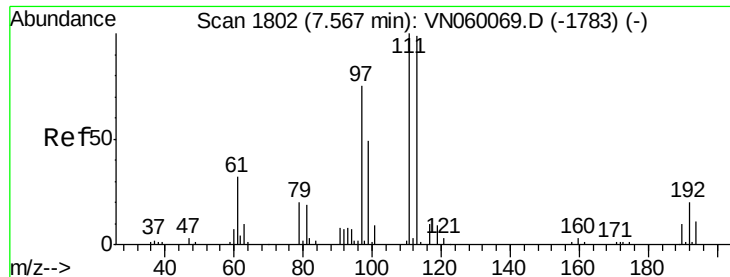
Tot Ion: 65 Resp: 115666
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion: 114 Resp: 298210
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 15.7 0.0 31.6

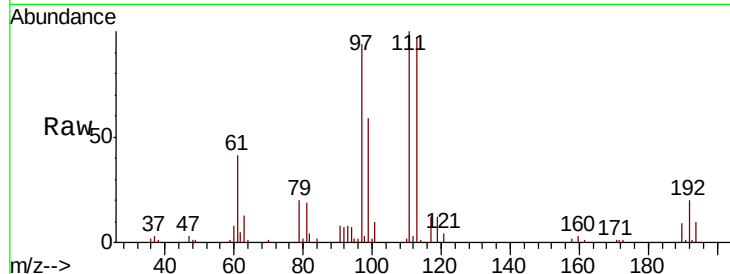




#35
 Dibromofluoromethane
 Concen: 49.199 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	20.6	16.2	24.2

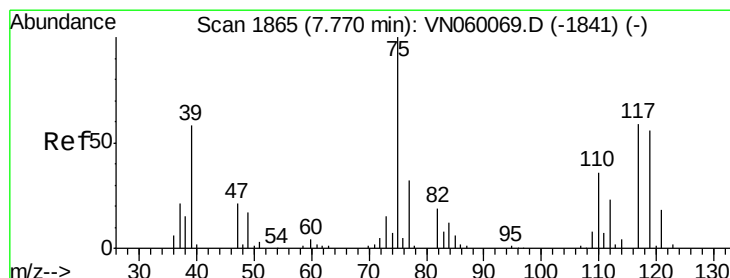
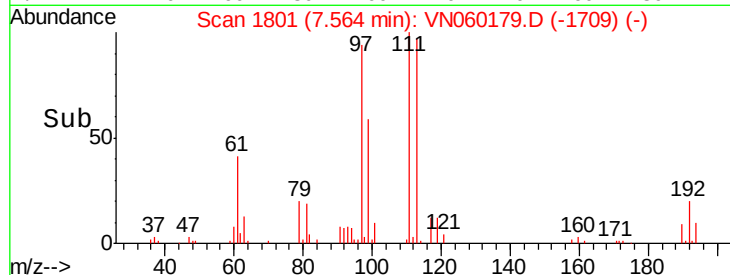
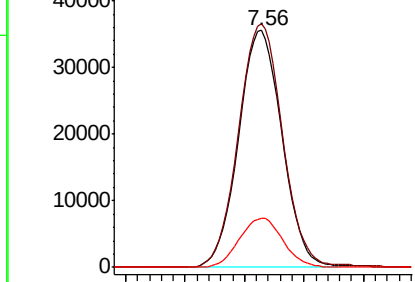


Abundance

Ion 112.80 (112.50 to 113.50): V

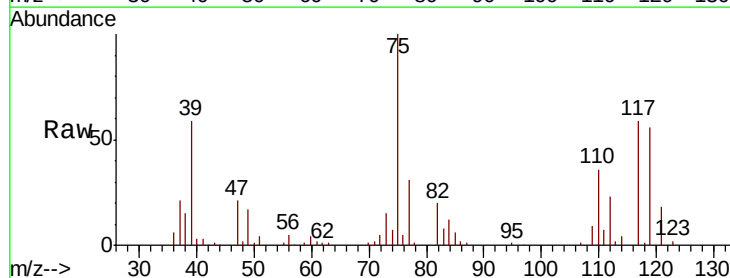
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.545 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.1	54.3
77	30.7	25.1	37.7

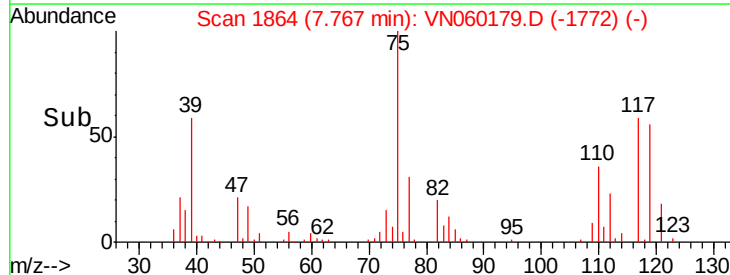
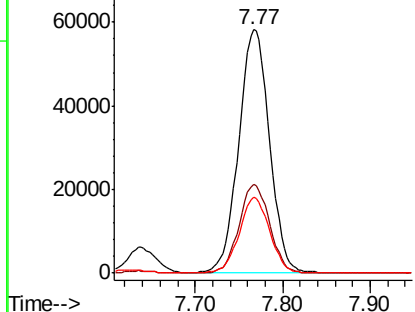


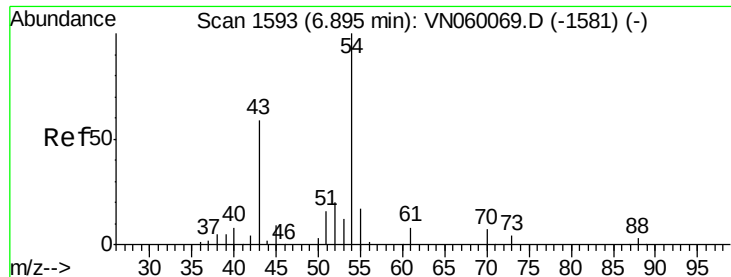
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

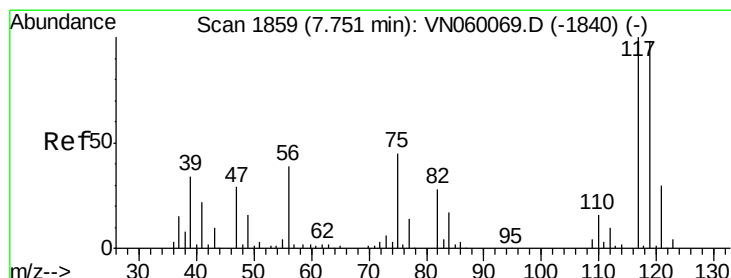
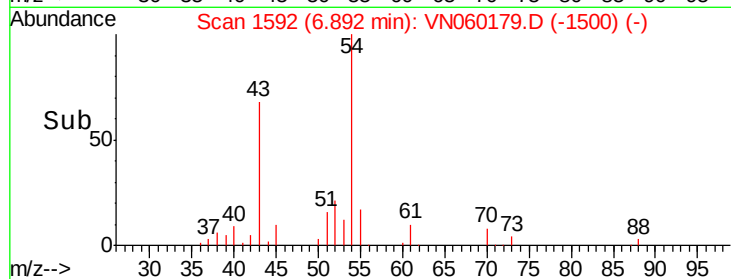
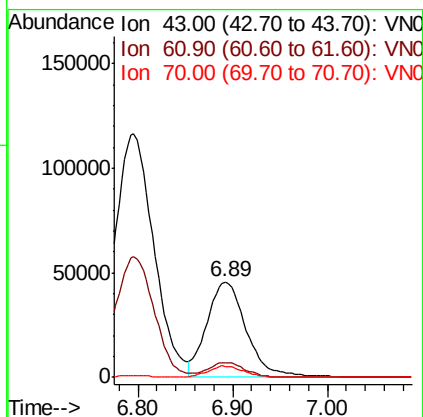
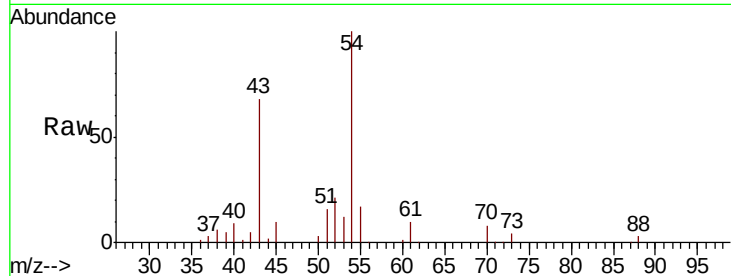




#37
Ethyl Acetate
Concen: 52.328 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

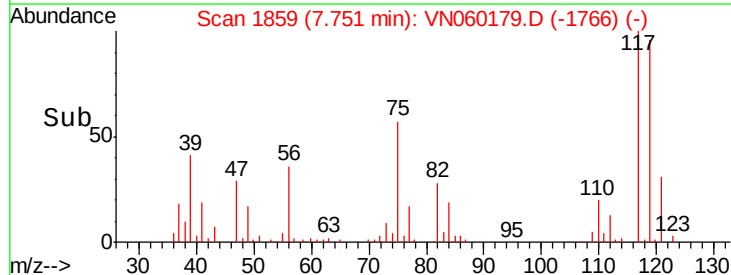
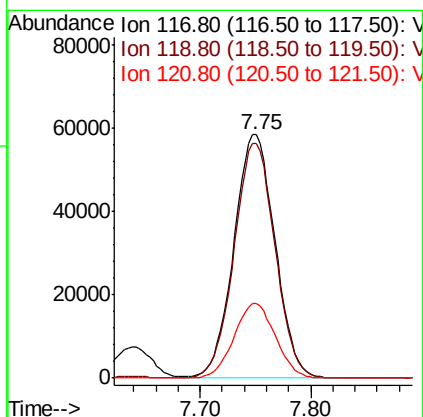
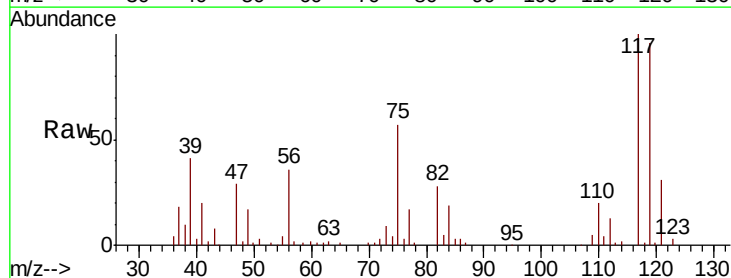
Instrument :
MSVOA_N
ClientSampled :

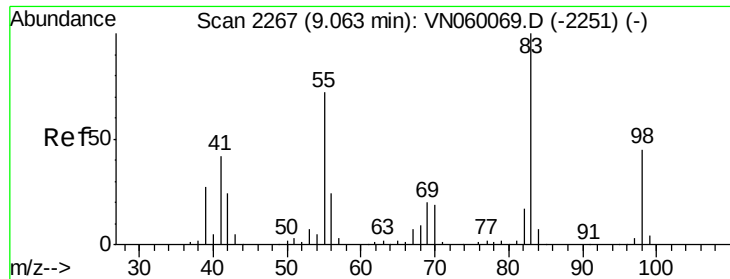
Tot Ion: 43 Resp: 130629
Ion Ratio Lower Upper
43 100
61 14.9 11.4 17.2
70 11.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 50.375 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 117 Resp: 151116
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.4
121 30.7 24.2 36.2

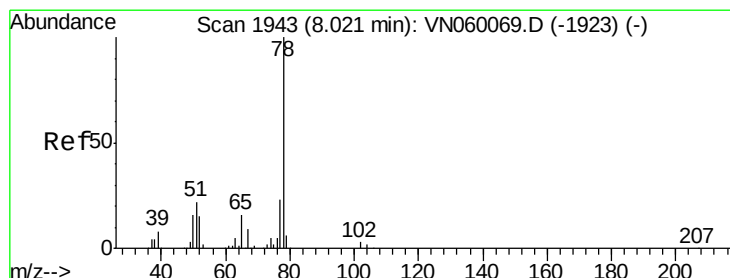
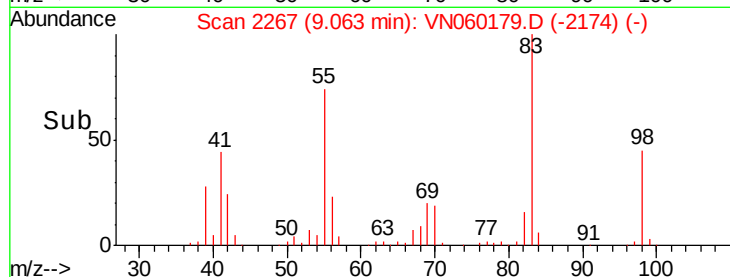
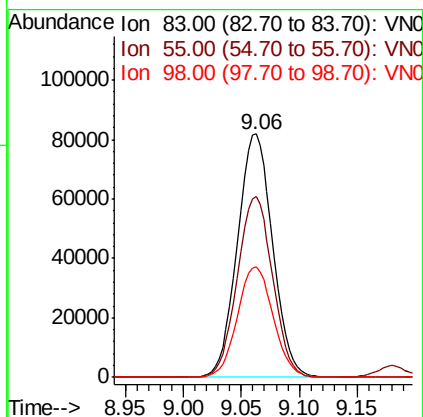
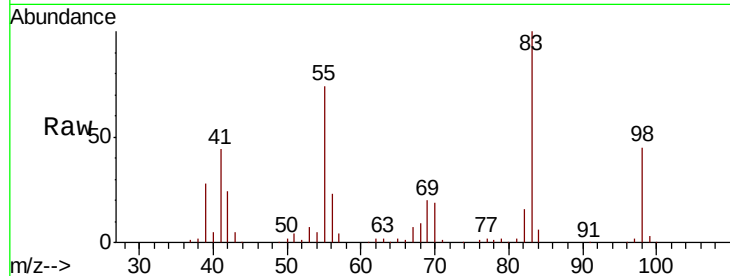




#39
Methylvlcyclohexane
Concen: 50.592 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

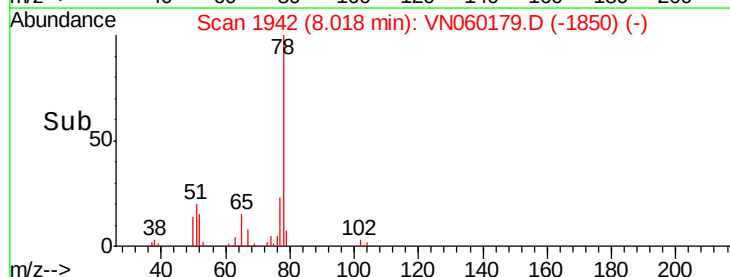
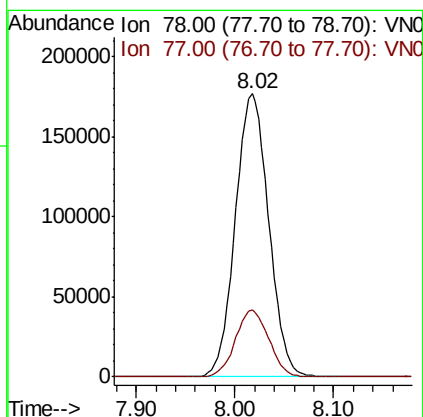
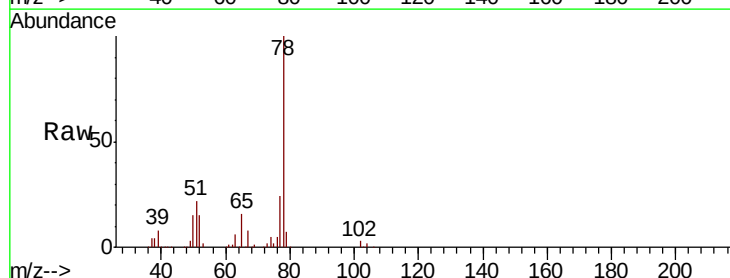
Instrument :
MSVOA_N
ClientSampled :

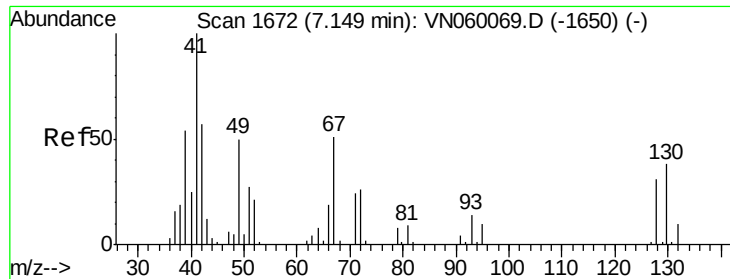
Tot Ion: 83 Resp: 173467
Ion Ratio Lower Upper
83 100
55 74.2 57.8 86.8
98 45.2 36.4 54.6



#40
Benzene
Concen: 50.699 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 78 Resp: 415405
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

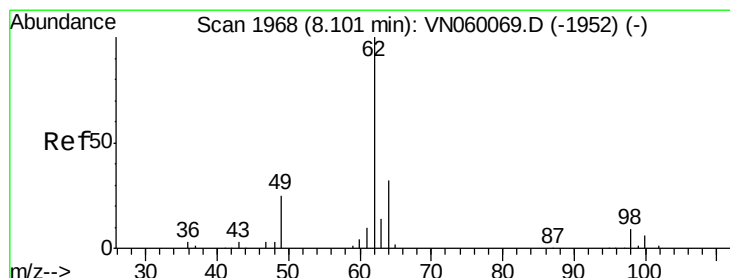
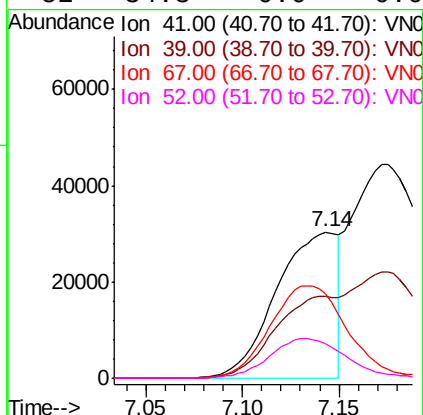
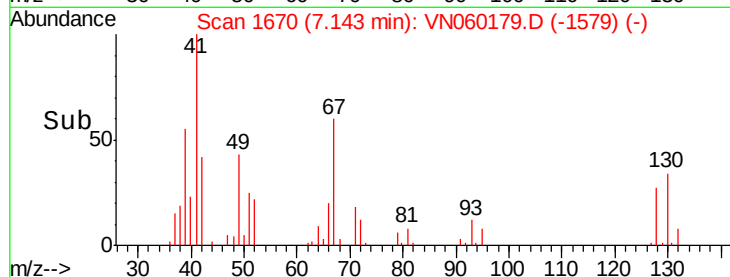
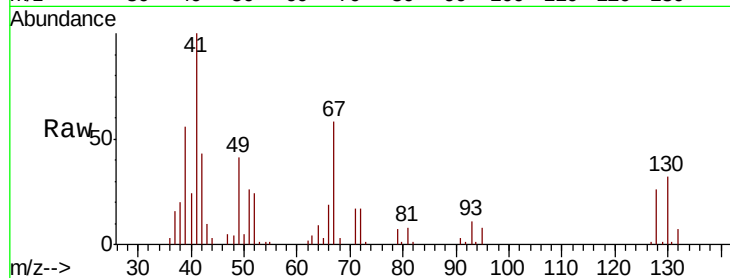




#41
Methacrylonitrile
Concen: 63.880 ug/l
RT: 7.14 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

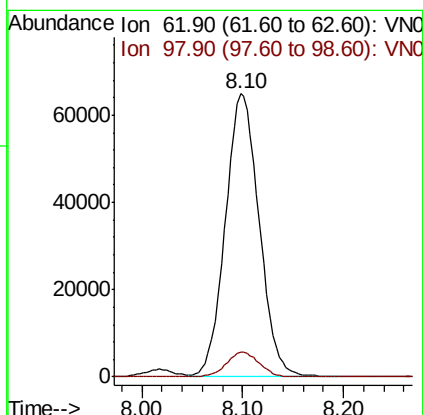
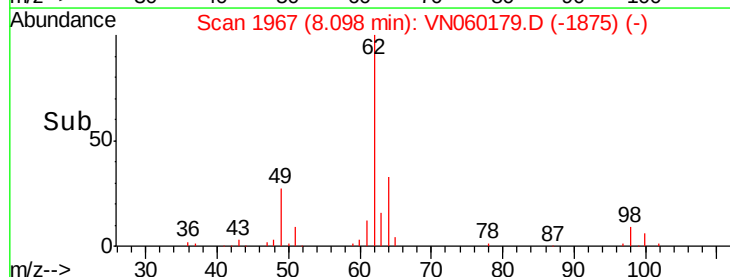
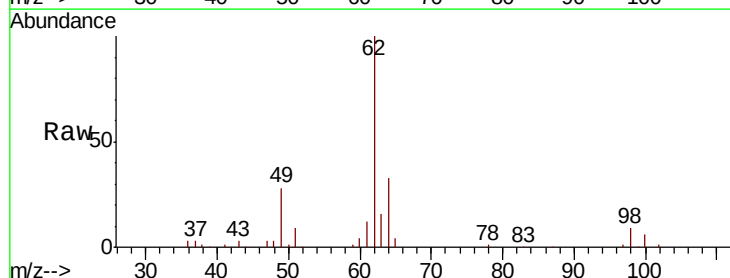
Instrument :
MSVOA_N
ClientSampled :

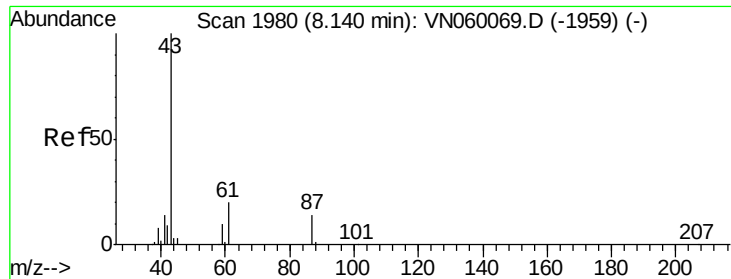
Tot Ion: 41 Resp: 66876
Ion Ratio Lower Upper
41 100
39 57.1 0.0 0.0#
67 80.1 0.0 0.0#
52 34.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 52.772 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 62 Resp: 151546
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.2

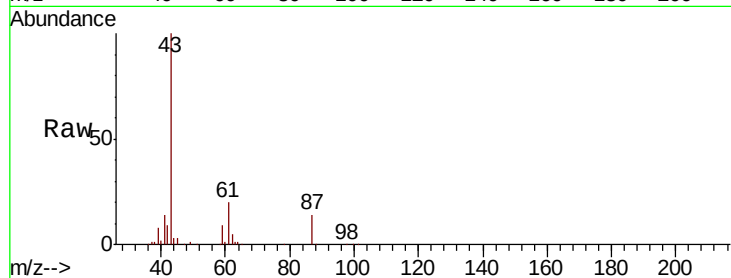




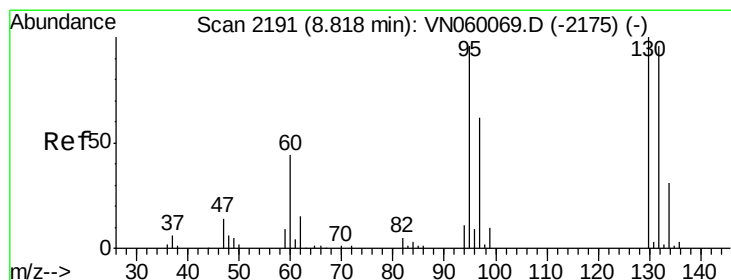
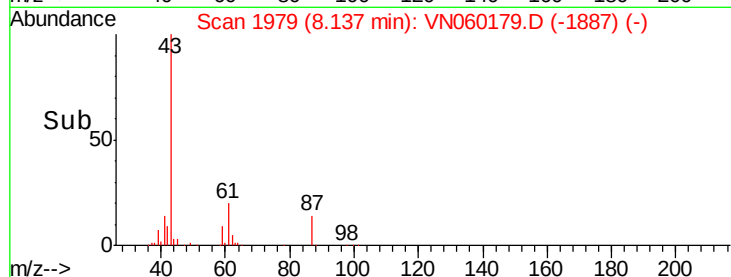
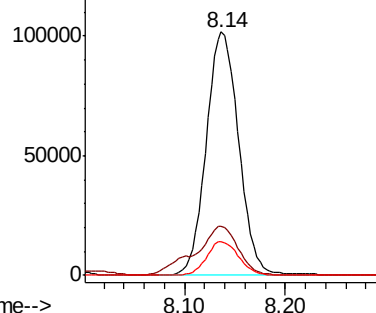
#43
Isopropyl Acetate
Concen: 53.196 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 227005
Ion Ratio Lower Upper
43 100
61 26.9 21.8 32.6
87 13.8 11.4 17.2

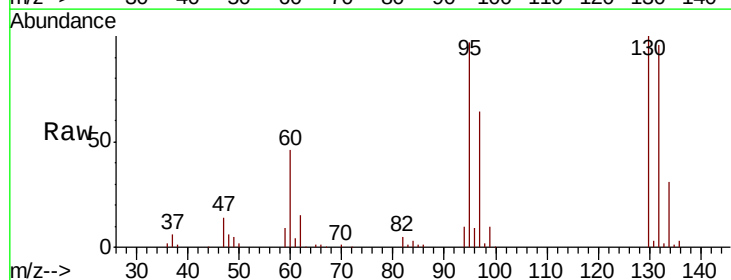


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

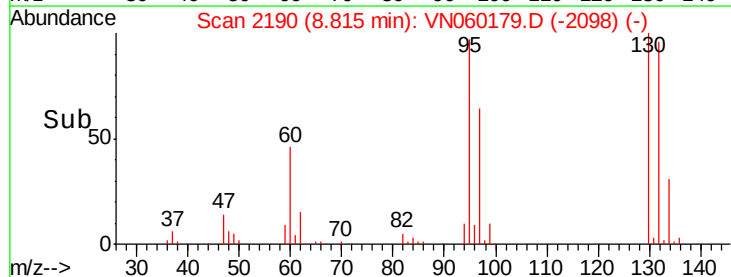
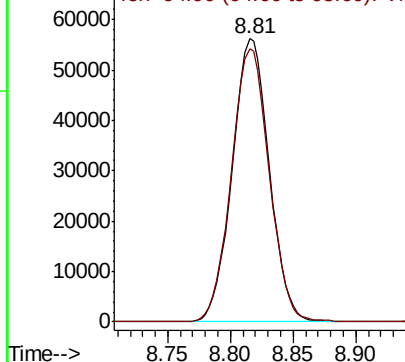


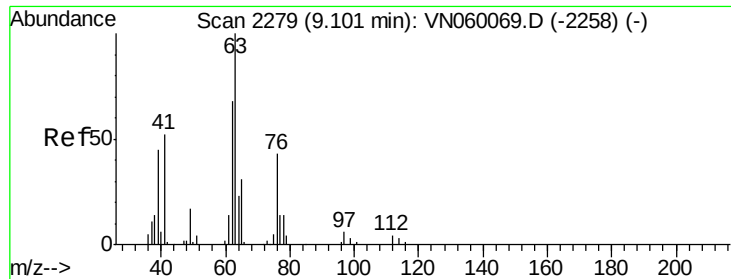
#44
Trichloroethene
Concen: 50.870 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion:130 Resp: 115411
Ion Ratio Lower Upper
130 100
95 96.7 0.0 192.4



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

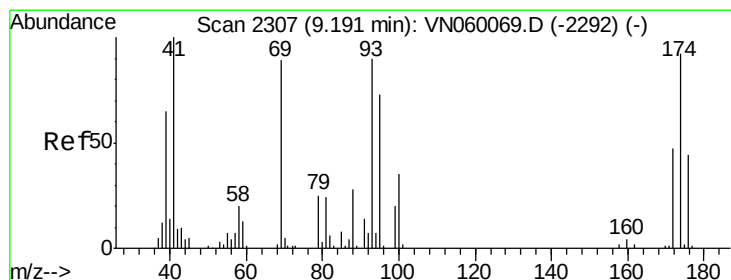
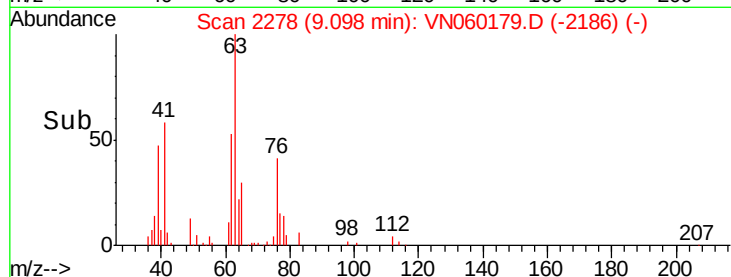
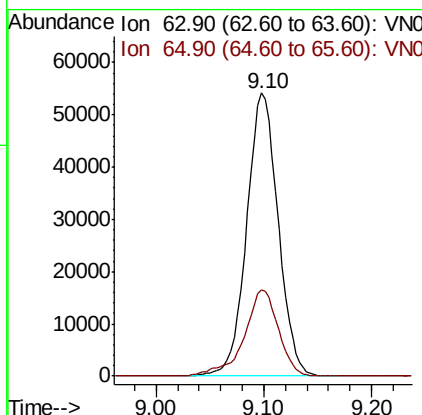
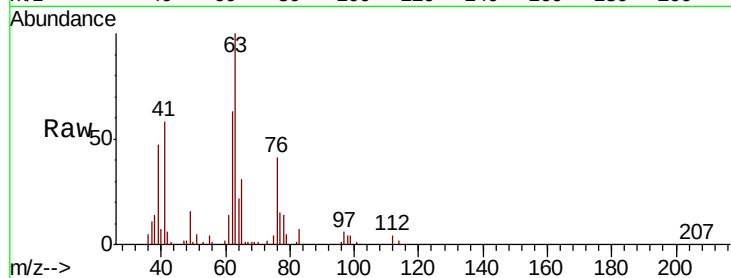




#45
 1,2-Dichloropropane
 Concen: 54.127 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

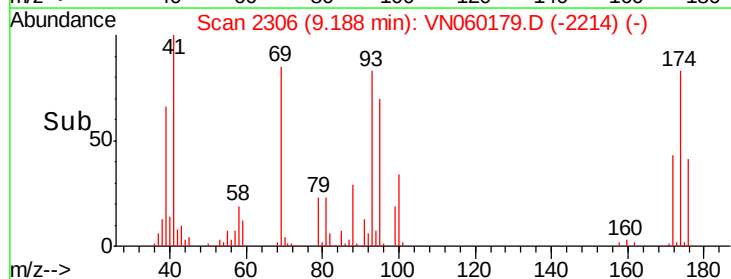
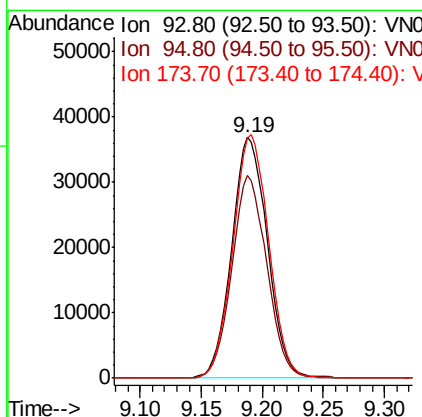
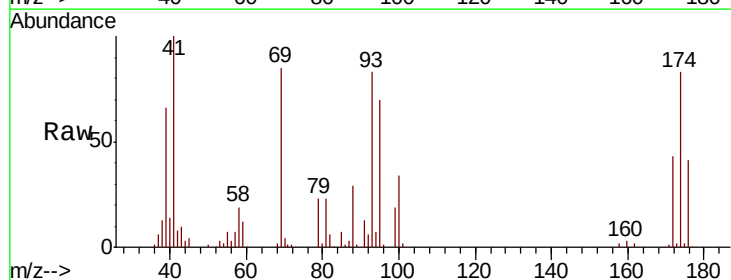
Instrument :
 MSVOA_N
 ClientSampleId :

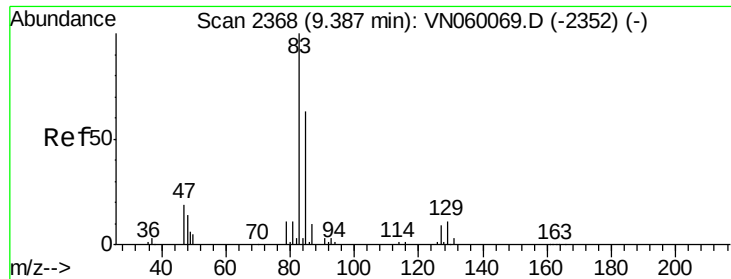
Tot Ion: 63 Resp: 109797
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4



#46
 Dibromomethane
 Concen: 52.173 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion: 93 Resp: 74790
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.0 97.6
 174 101.4 82.3 123.5





#47

Bromodichloromethane

Concen: 52.265 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

ClientSampled :

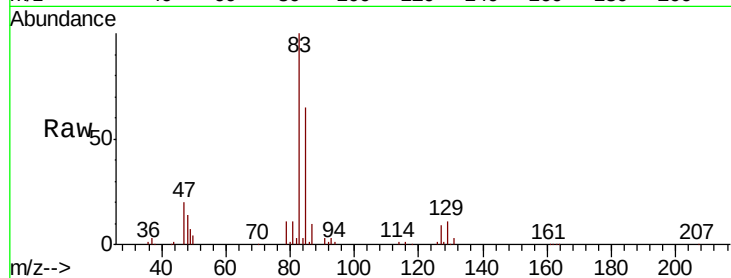
Tot Ion: 83 Resp: 152322

Ion Ratio Lower Upper

83 100

85 64.7 50.6 75.8

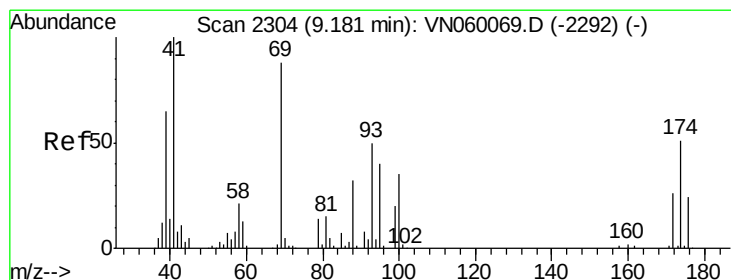
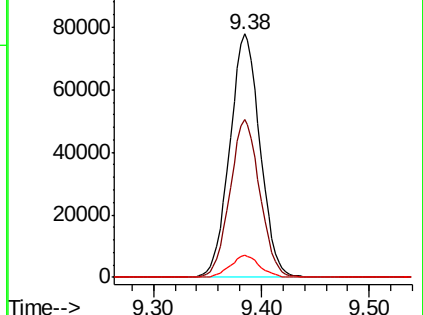
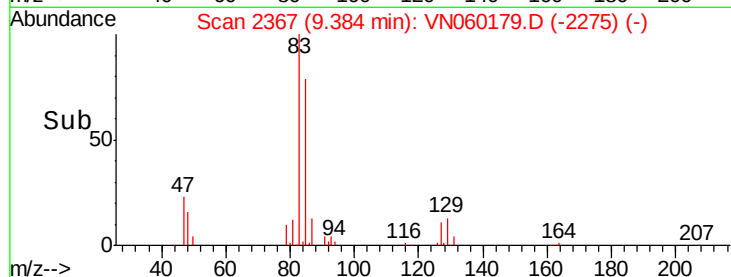
127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN060179.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060179.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060179.D (-2275) (-)



#48

Methyl methacrylate

Concen: 52.508 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

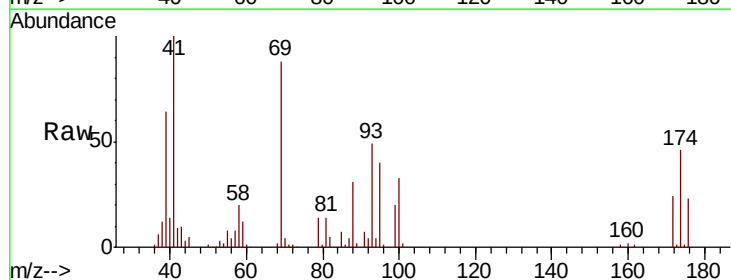
Tgt Ion: 41 Resp: 100531

Ion Ratio Lower Upper

41 100

69 88.8 72.0 108.0

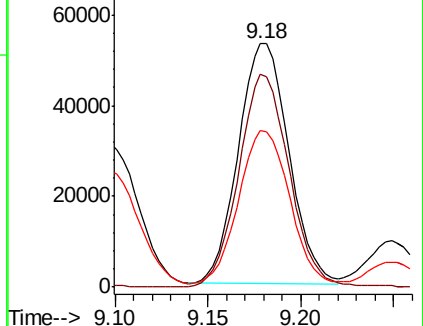
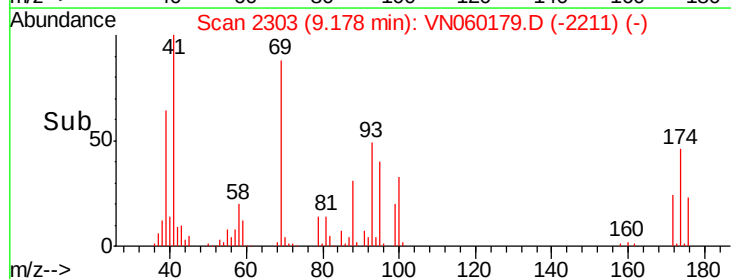
39 64.2 54.1 81.1

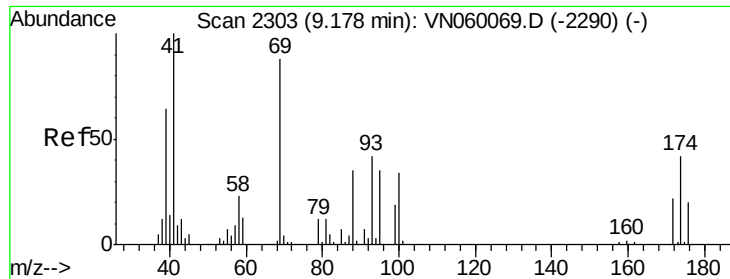


Abundance Ion 41.00 (40.70 to 41.70): VN060179.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060179.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060179.D (-2211) (-)

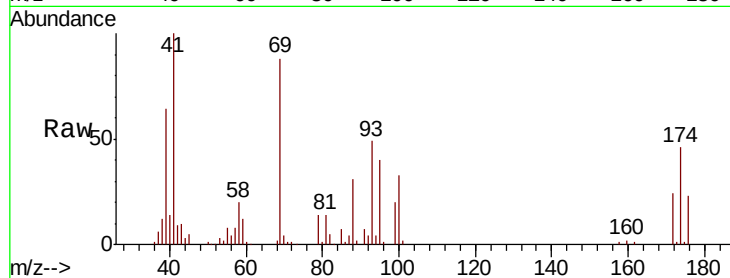




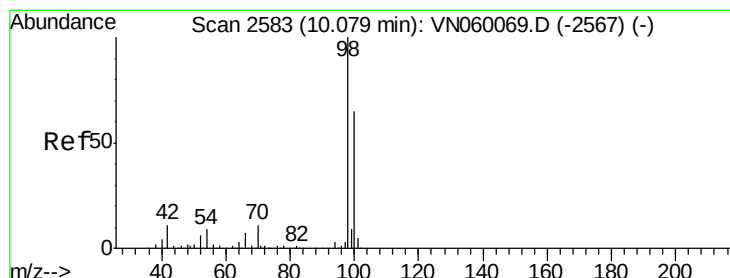
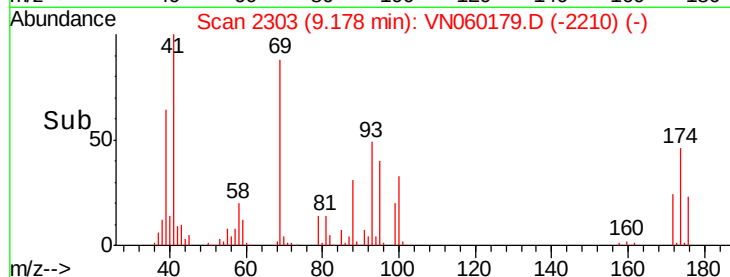
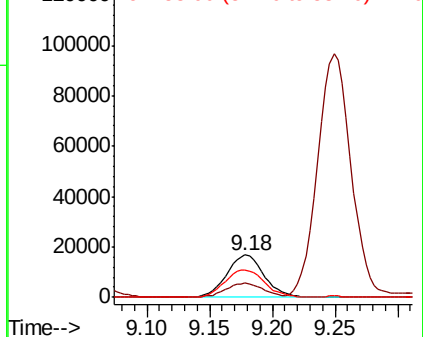
#49
1,4-Dioxane
Concen: 1068.639 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 34958
Ion Ratio Lower Upper
88 100
43 33.2 26.2 39.2
58 68.2 53.2 79.8

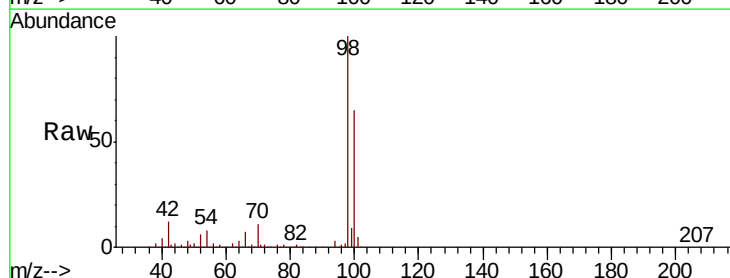


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

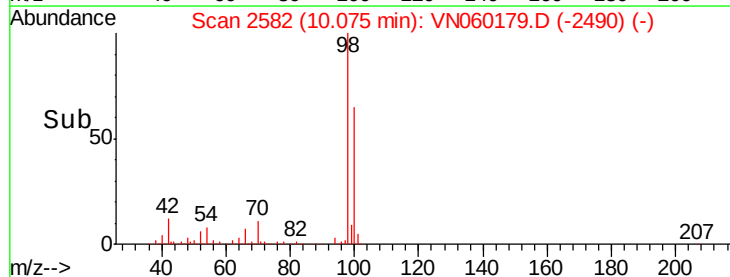
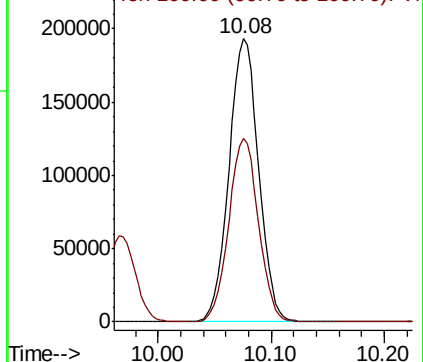


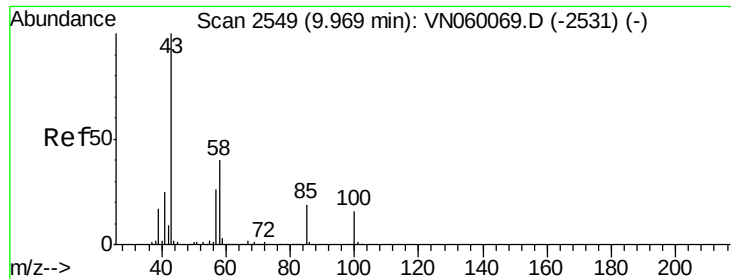
#50
Toluene-d8
Concen: 48.814 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 98 Resp: 352374
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



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

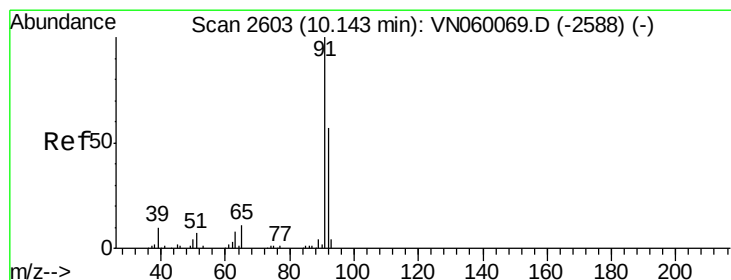
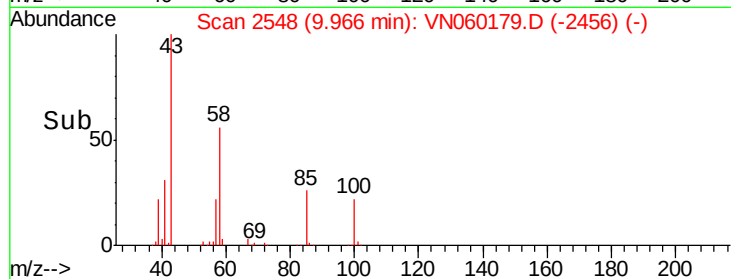
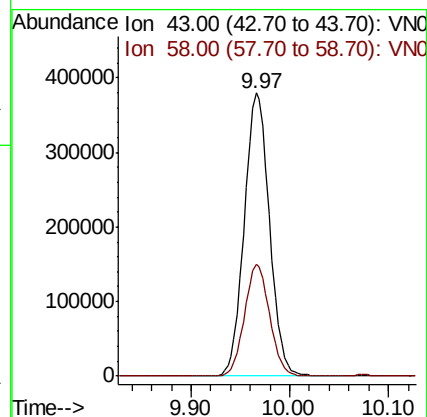
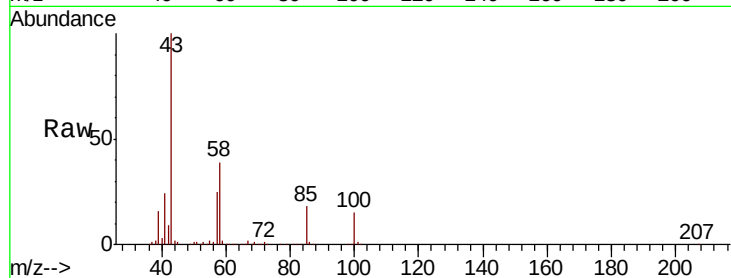




#51
 4-Methyl-2-Pentanone
 Concen: 270.390 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

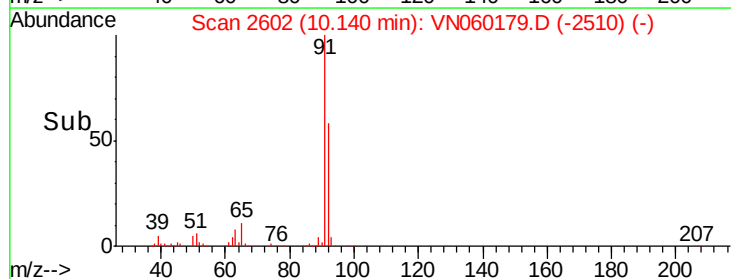
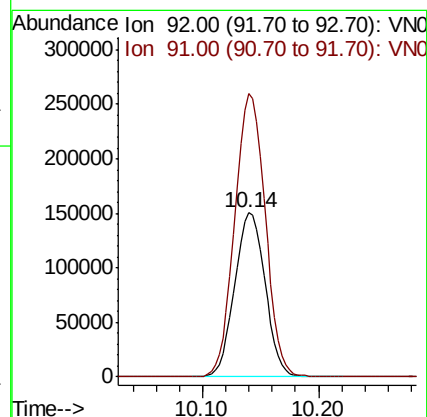
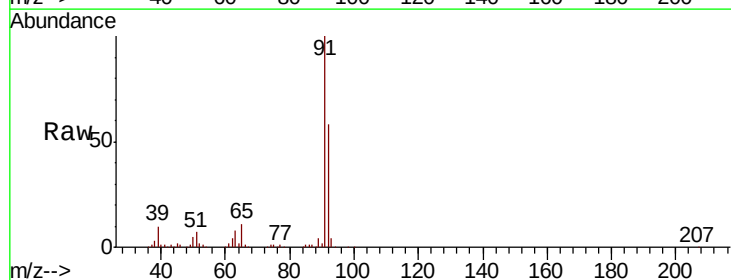
Instrument :
 MSVOA_N
 ClientSampled :

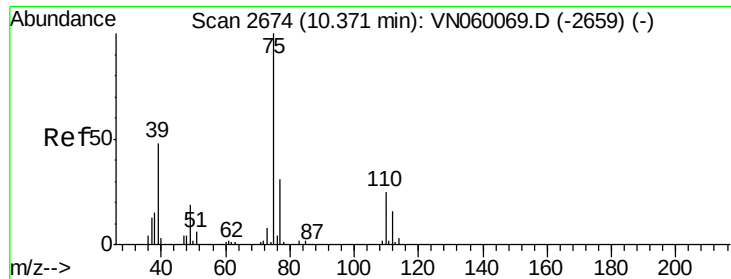
Tot Ion: 43 Resp: 667860
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.8



#52
 Toluene
 Concen: 51.963 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion: 92 Resp: 273023
 Ion Ratio Lower Upper
 92 100
 91 173.1 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 53.632 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

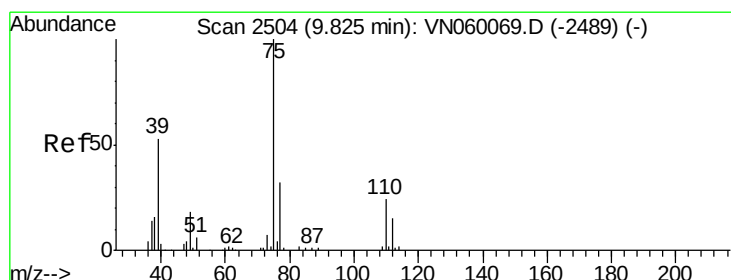
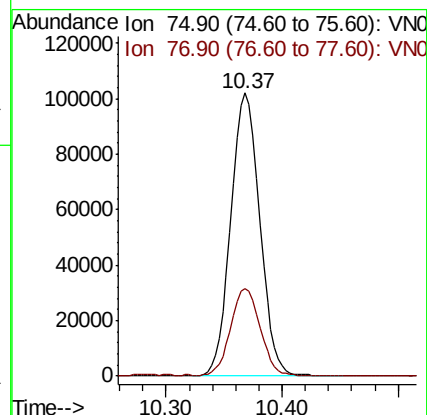
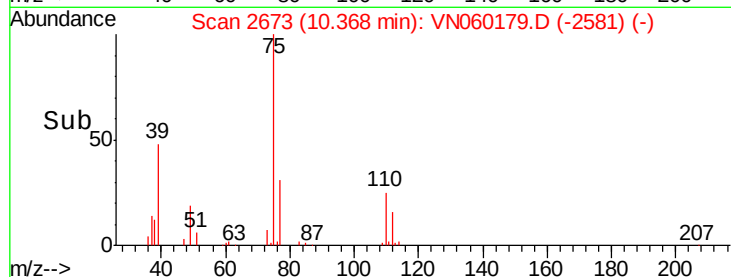
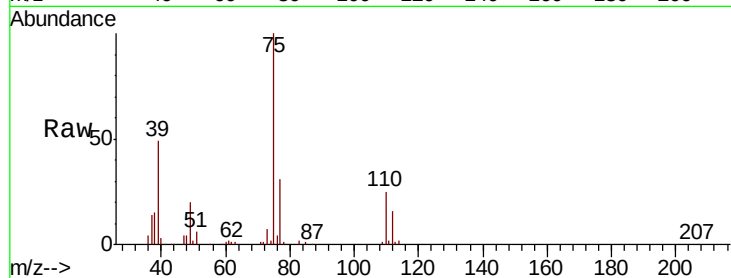
ClientSampleId :

Tot Ion: 75 Resp: 176433

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.641 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

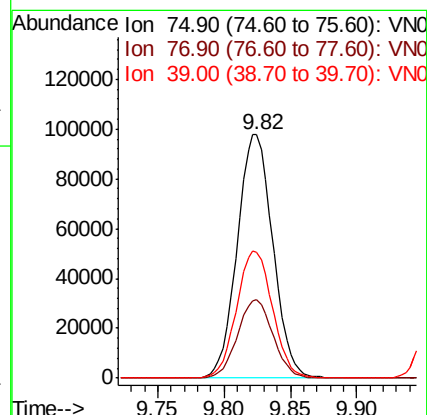
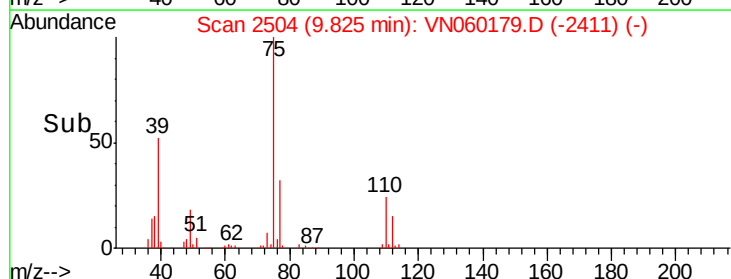
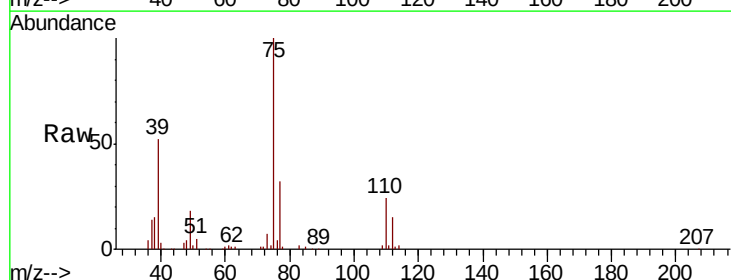
Tgt Ion: 75 Resp: 182351

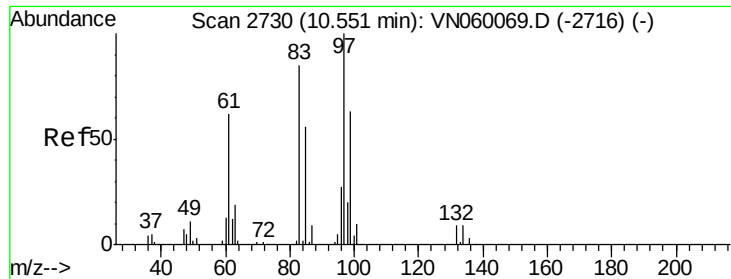
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 52.0 42.2 63.4

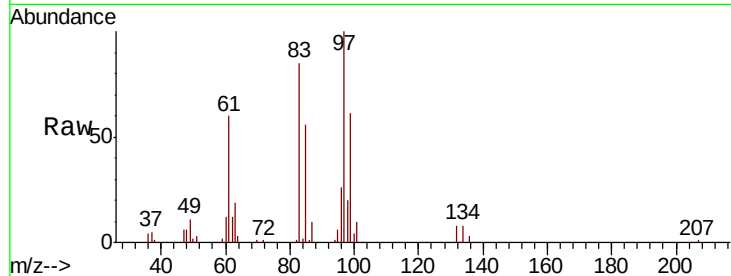




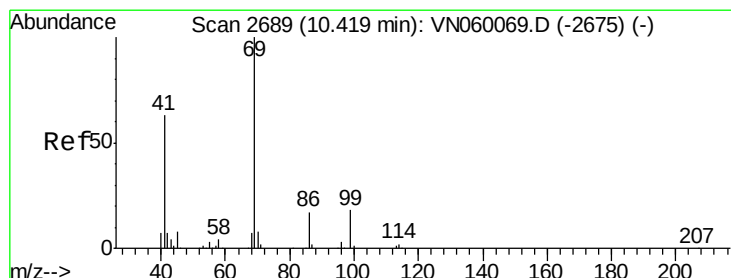
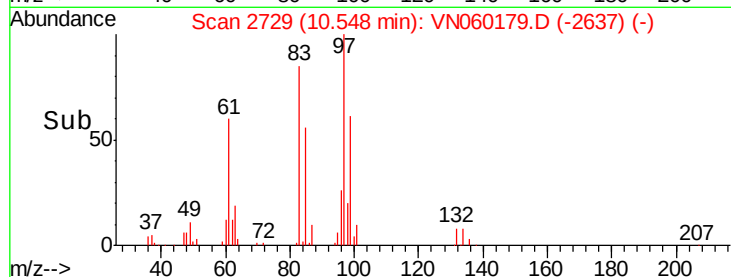
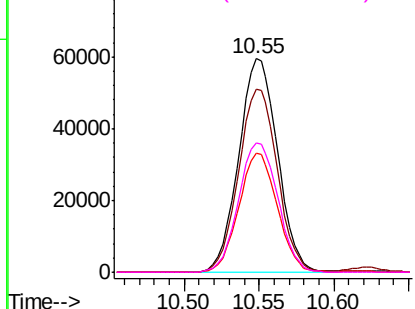
#55
 1,1,2-Trichloroethane
 Concen: 52.558 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	107734
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.9	101.9
85	55.8	44.6	67.0
99	60.6	50.1	75.1

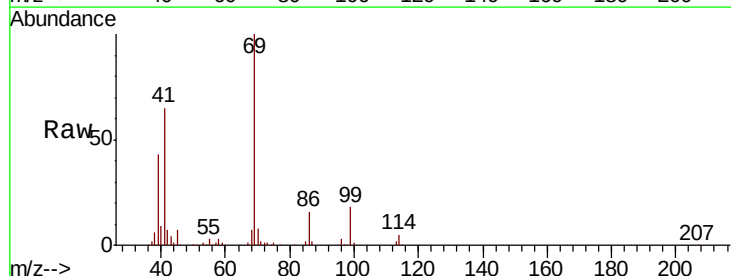


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

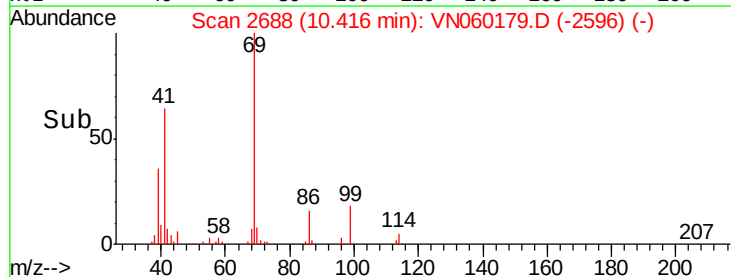
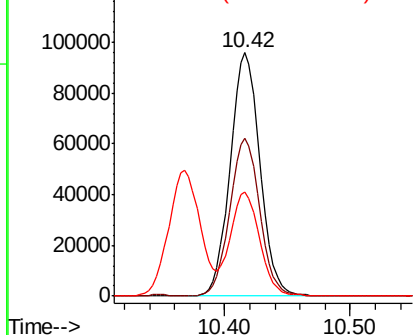


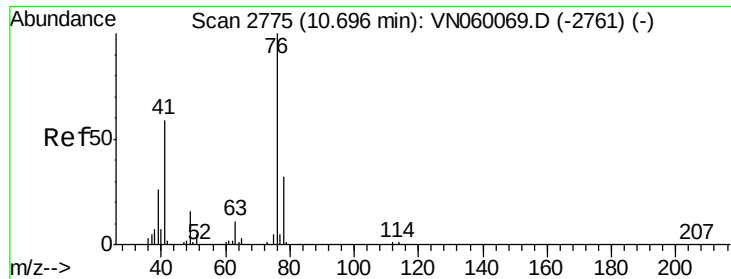
#56
 Ethyl methacrylate
 Concen: 54.676 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion:	69	Resp:	158546
Ion	Ratio	Lower	Upper
69	100		
41	64.9	51.1	76.7
39	42.3	33.8	50.8



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

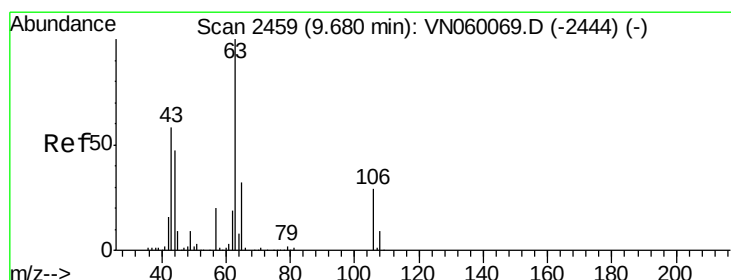
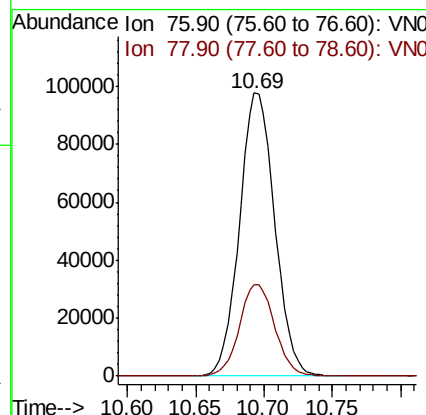
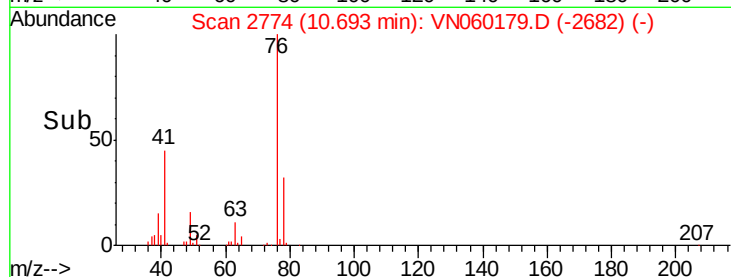
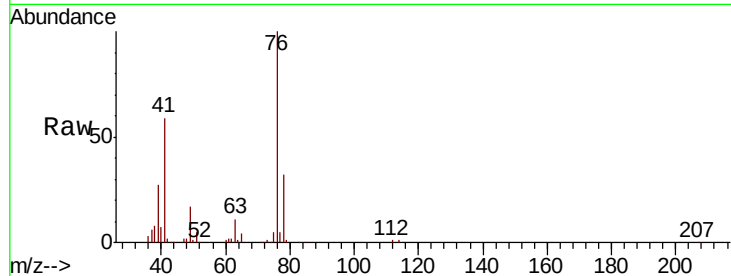




#57
 1,3-Dichloropropane
 Concen: 51.836 ug/l
 RT: 10.69 min Scan# 2774
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

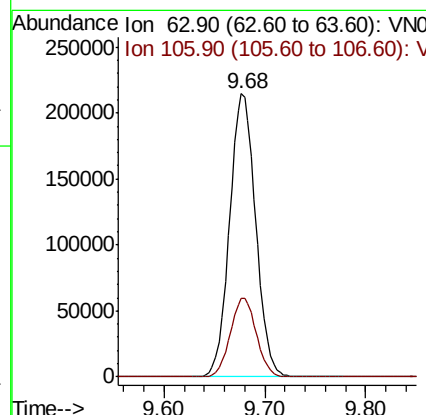
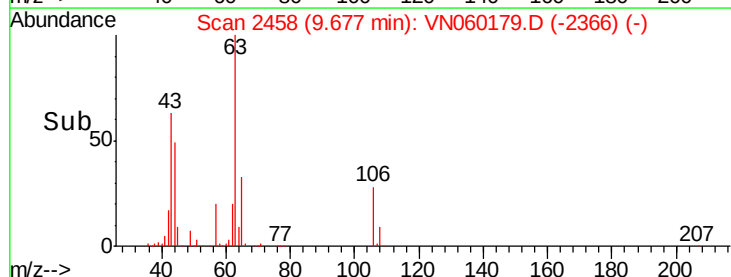
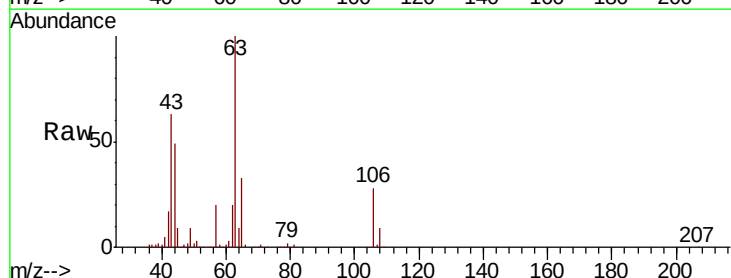
Instrument :
 MSVOA_N
 ClientSampled :

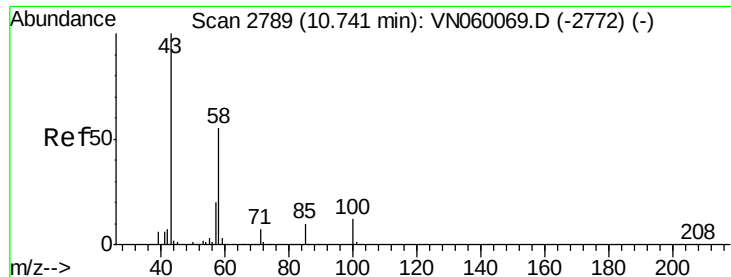
Tot Ion: 76 Resp: 175326
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.571 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion: 63 Resp: 387126
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.9 34.3

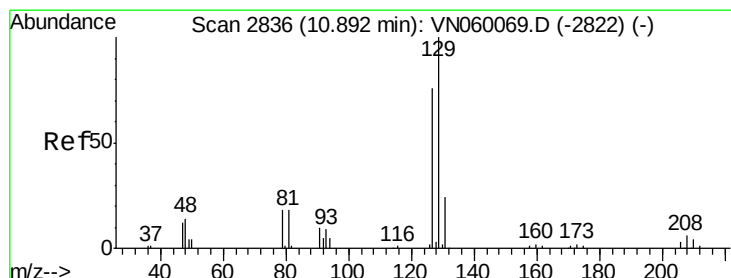
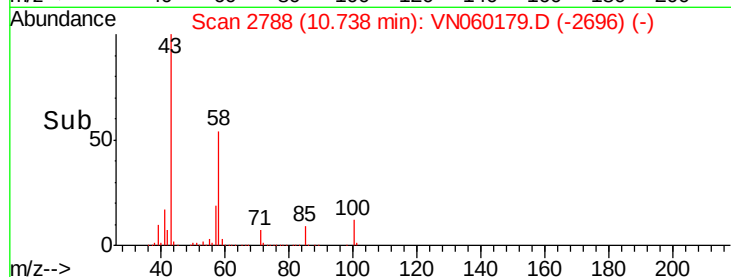
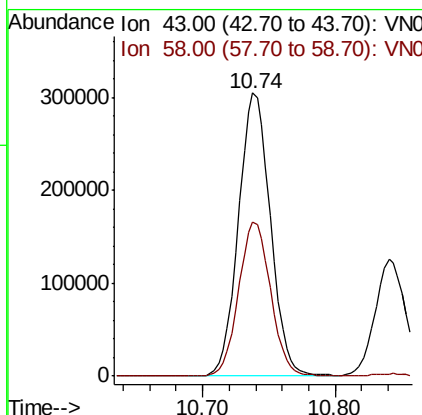
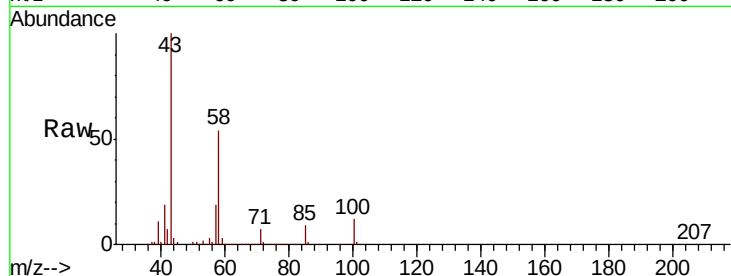




#59
2-Hexanone
Concen: 267.001 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

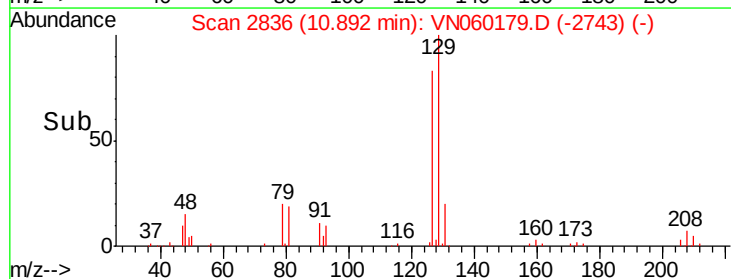
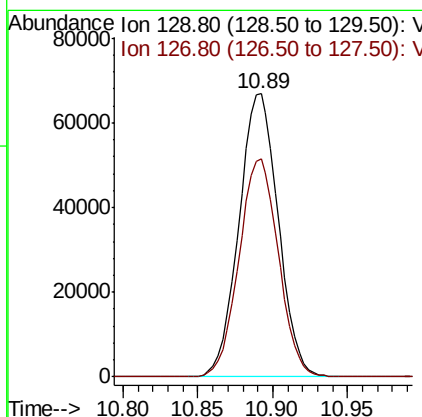
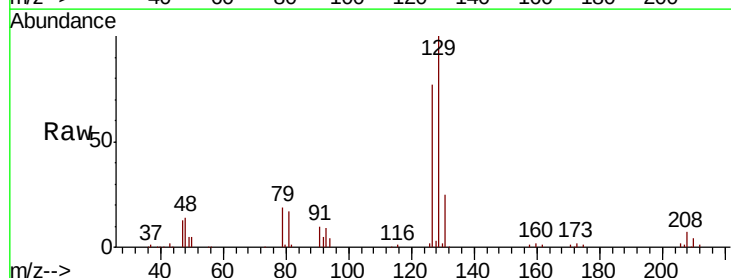
Instrument :
MSVOA_N
ClientSampleId :

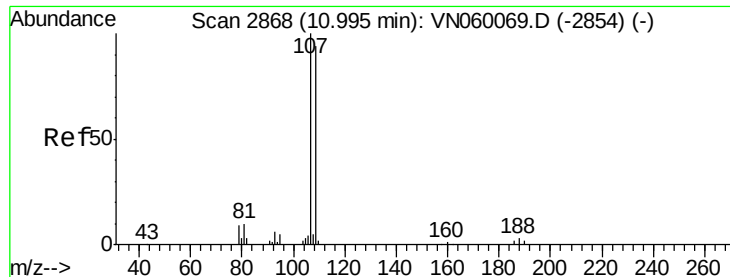
Tot Ion: 43 Resp: 509437
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.4



#60
Dibromochloromethane
Concen: 51.887 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 129 Resp: 122052
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1

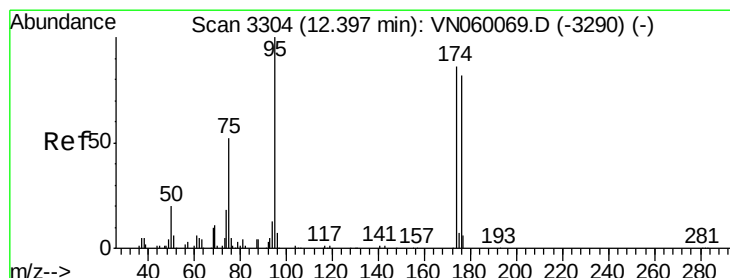
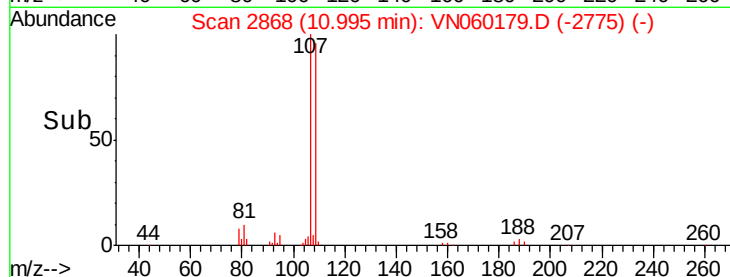
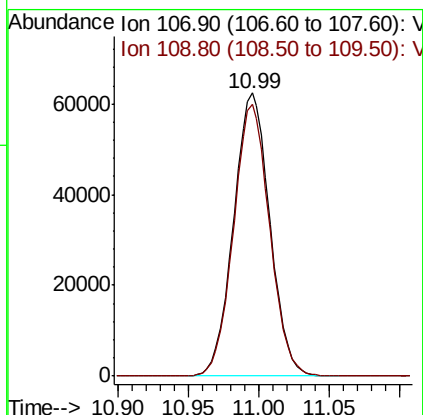
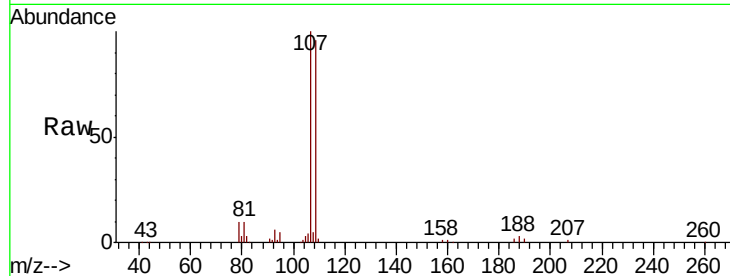




#61
 1,2-Dibromoethane
 Concen: 52.256 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

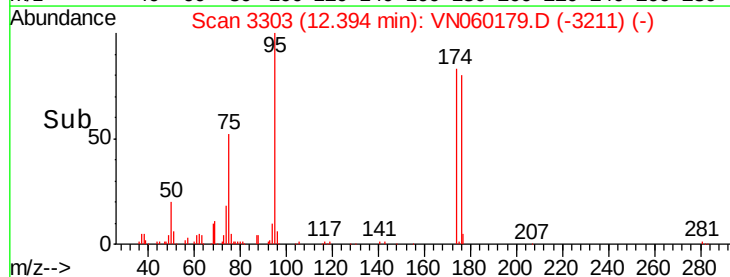
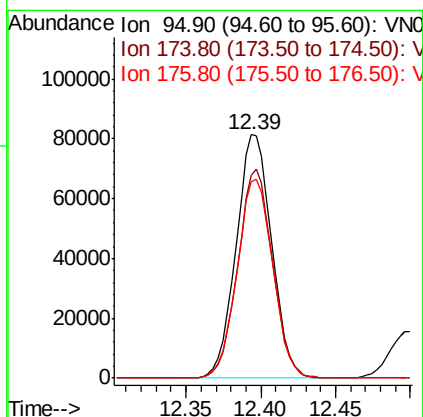
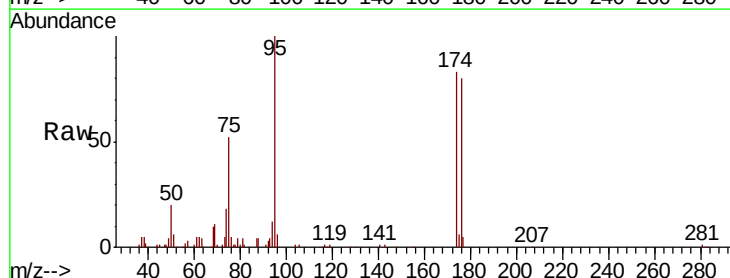
Instrument :
 MSVOA_N
 ClientSampleId :

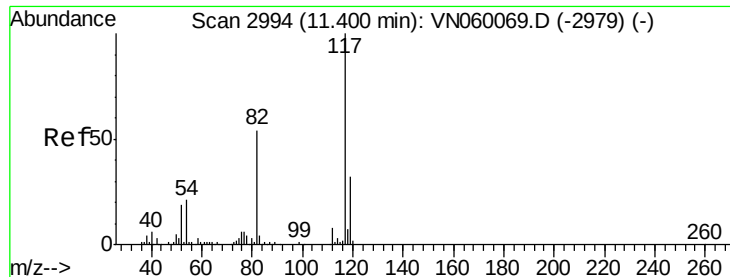
Tot Ion:107 Resp: 112287
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.662 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion: 95 Resp: 134382
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 169.8
 176 82.1 0.0 164.8

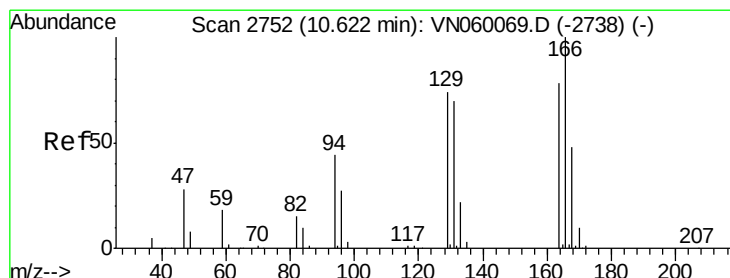
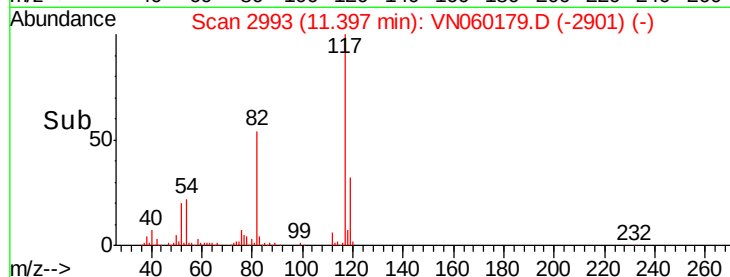
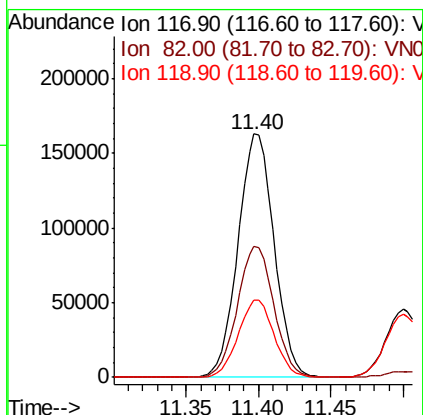
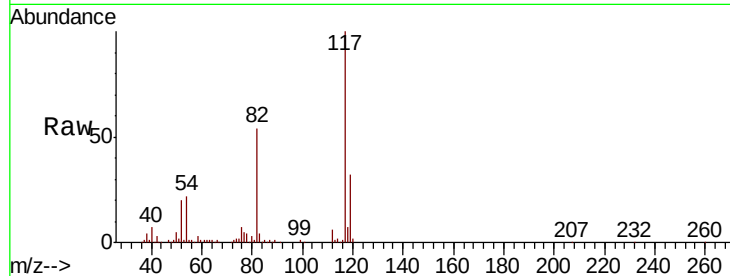




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

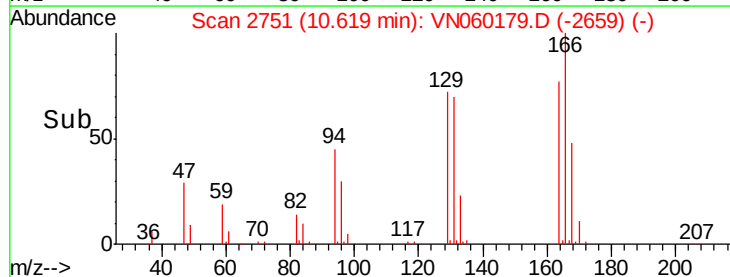
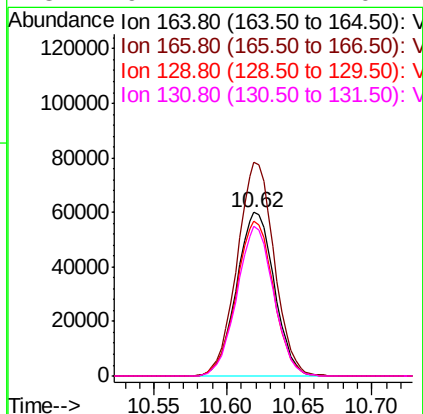
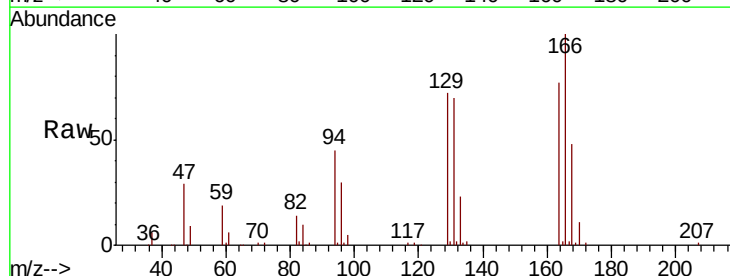
Instrument :
MSVOA_N
ClientSampled :

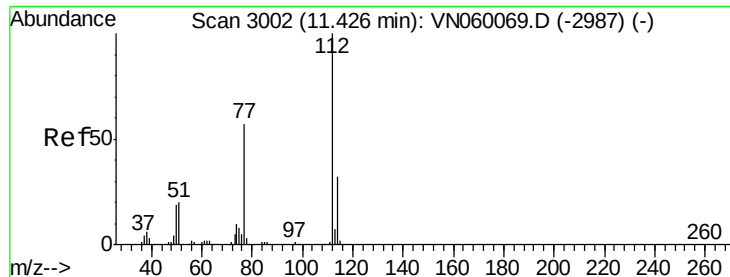
Tot Ion:117 Resp: 281908
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 50.635 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion:164 Resp: 108513
Ion Ratio Lower Upper
164 100
166 130.5 101.9 152.9
129 94.6 75.4 113.0
131 91.1 71.4 107.2

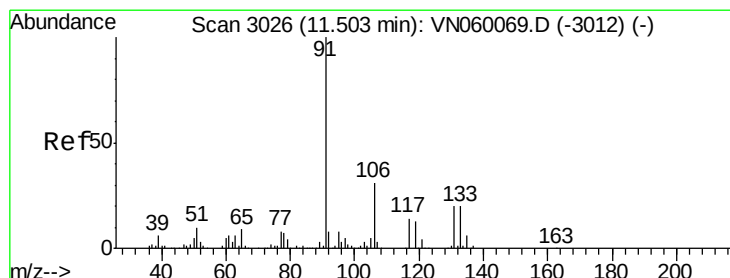
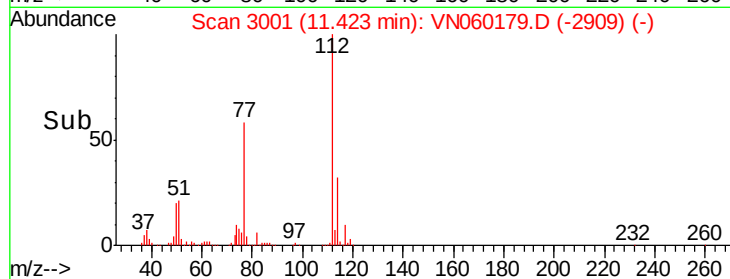
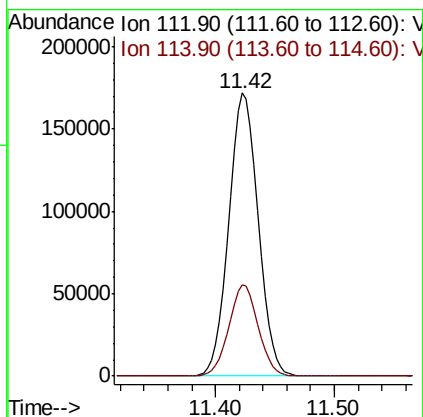
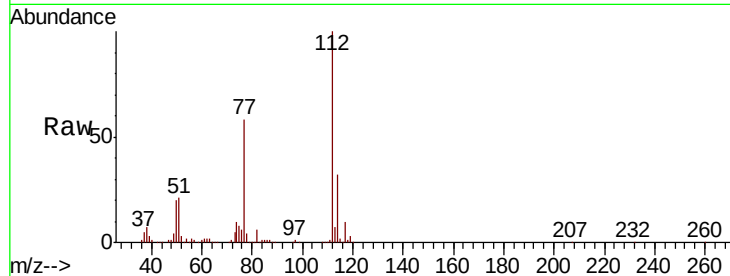




#65
Chlorobenzene
Concen: 51.249 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

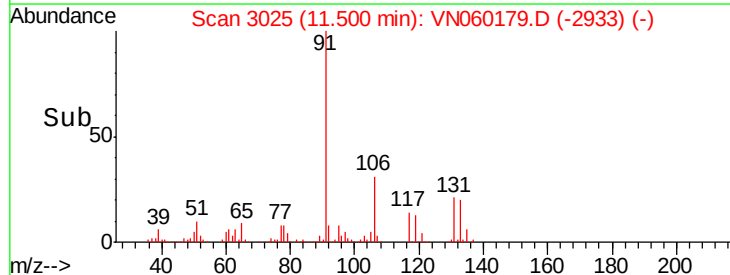
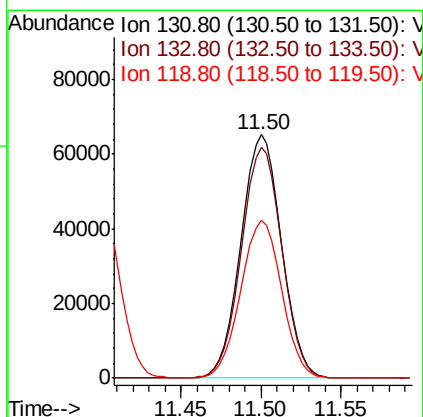
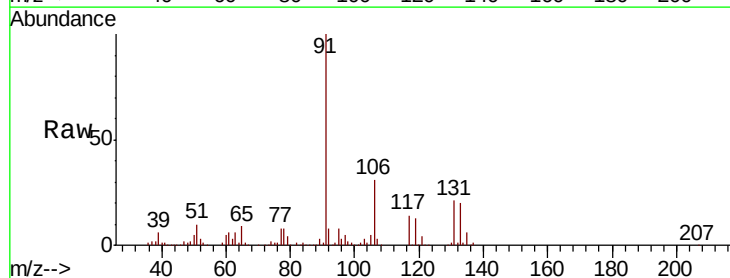
Instrument :
MSVOA_N
ClientSampleId :

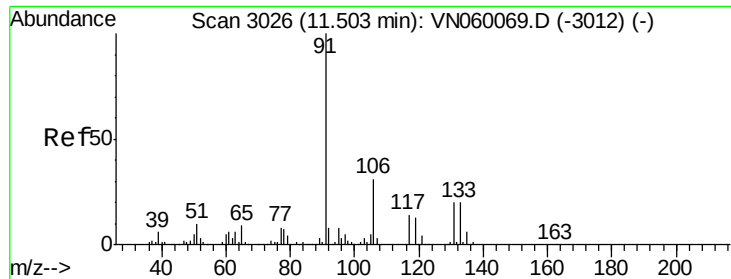
Tot Ion:112 Resp: 294346
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.848 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion:131 Resp: 112651
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 65.5 32.6 97.7

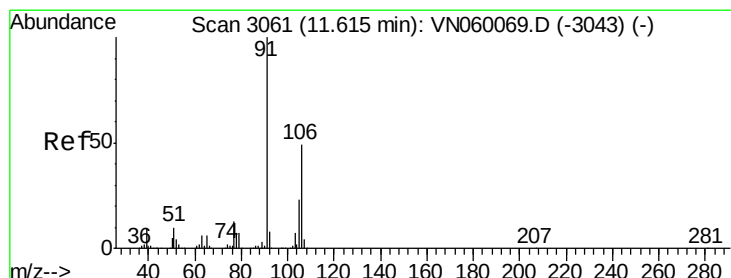
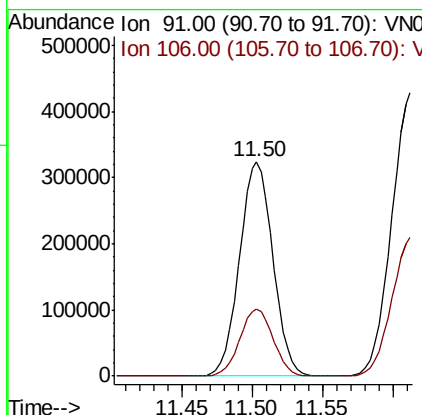
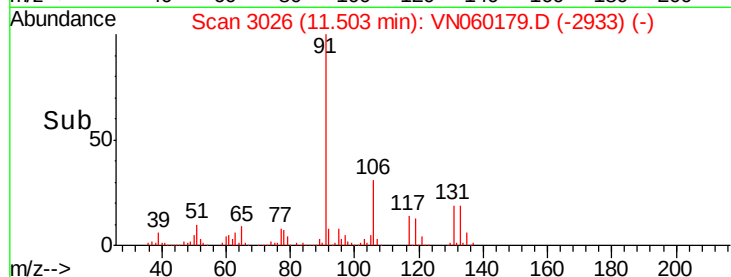
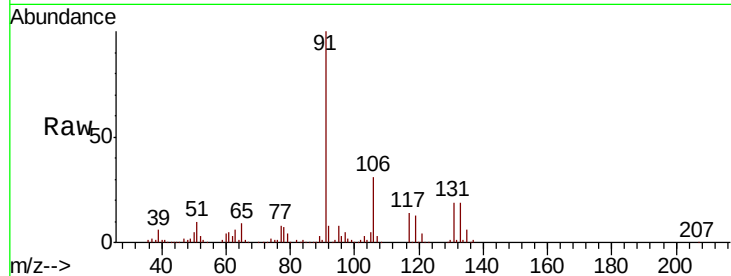




#67
Ethyl Benzene
Concen: 51.904 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

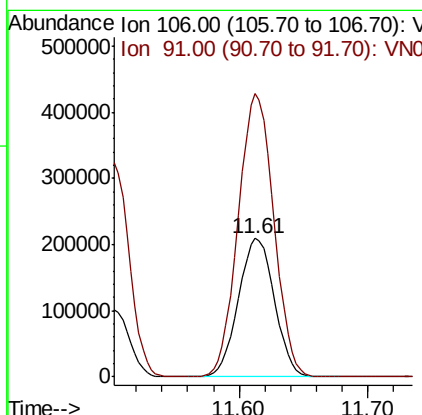
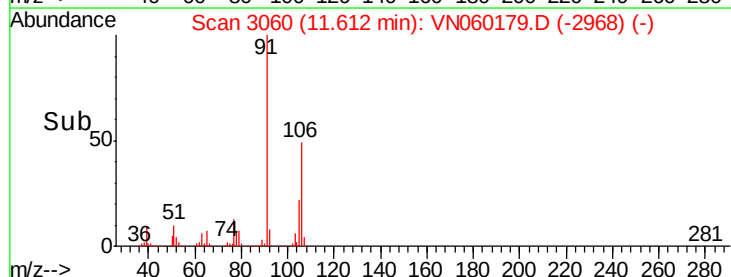
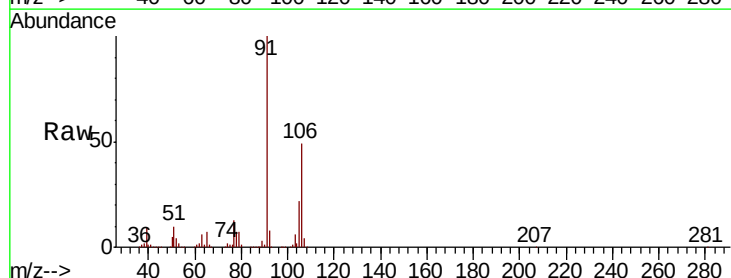
Instrument :
MSVOA_N
ClientSampled :

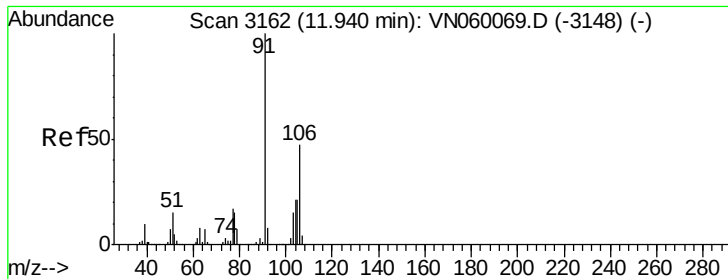
Tot Ion: 91 Resp: 537659
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 104.544 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 106 Resp: 406447
Ion Ratio Lower Upper
106 100
91 202.3 162.7 244.1

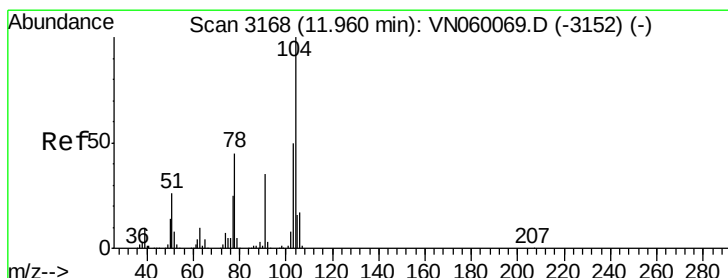
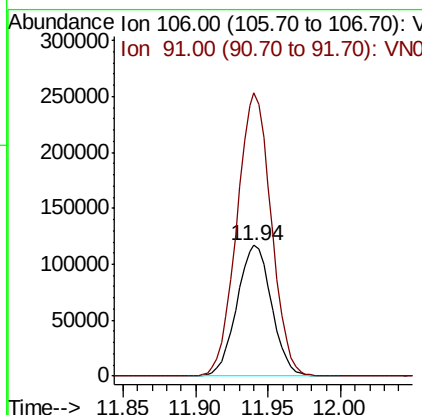
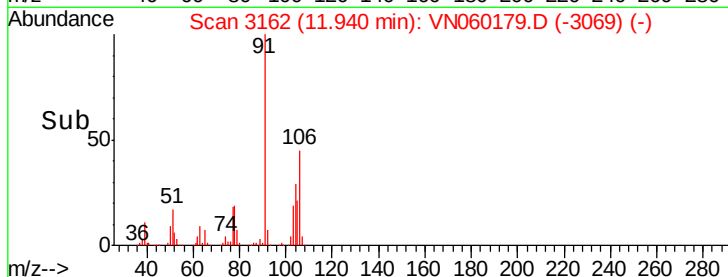
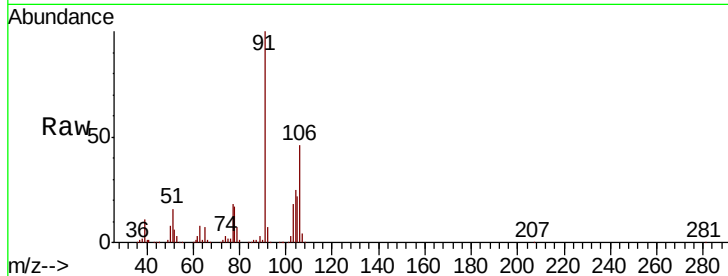




#69
o-Xylene
Concen: 51.752 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

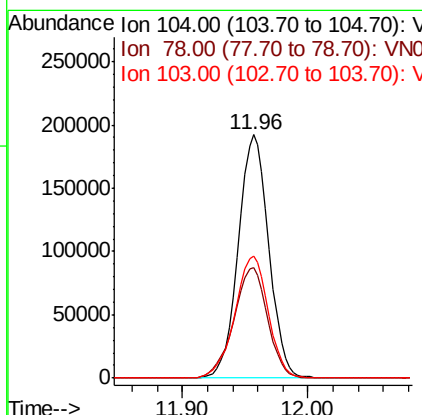
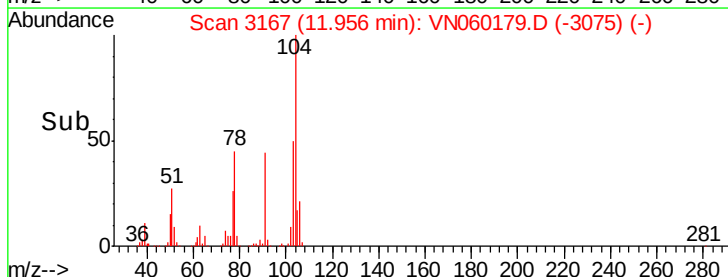
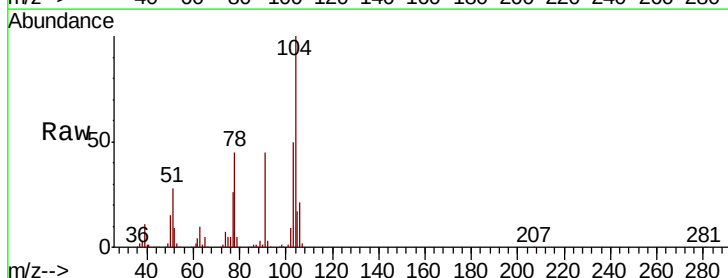
Instrument :
MSVOA_N
ClientSampleId :

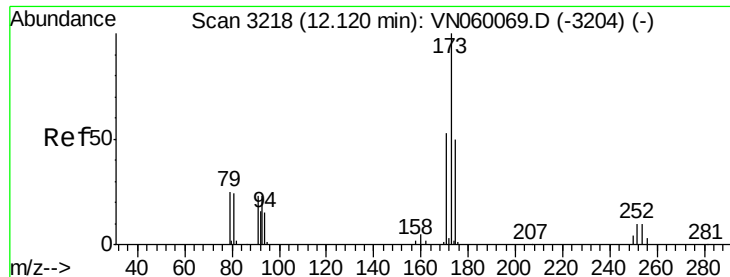
Tot Ion:106 Resp: 193723
Ion Ratio Lower Upper
106 100
91 215.4 107.2 321.6



#70
Styrene
Concen: 53.826 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion:104 Resp: 324916
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.2
103 54.9 44.3 66.5





#71

Bromoform

Concen: 53.168 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

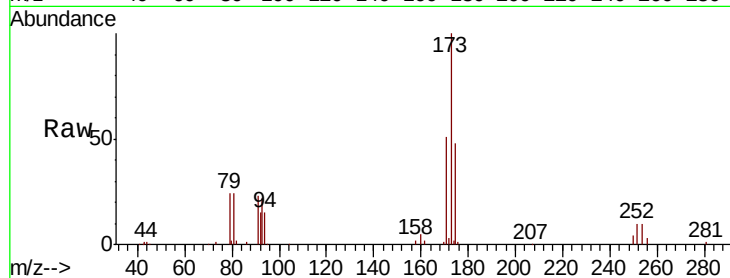
Tot Ion:173 Resp: 92914

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.6

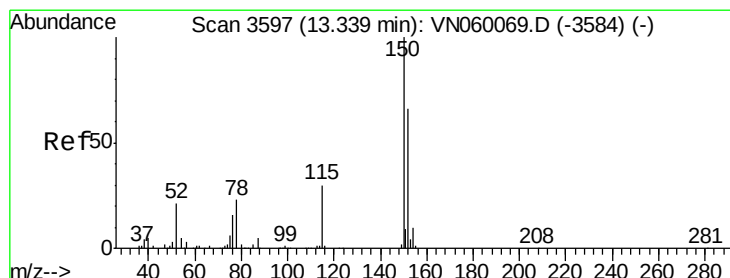
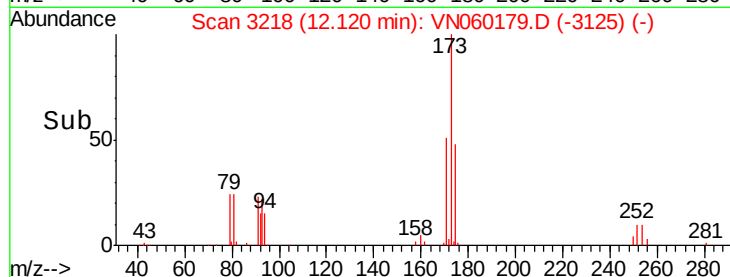
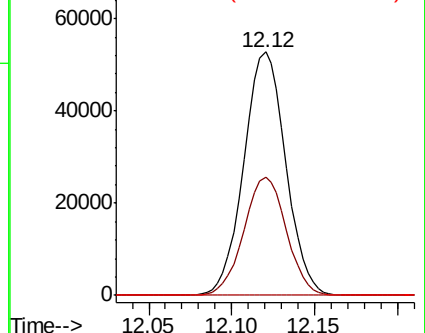
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

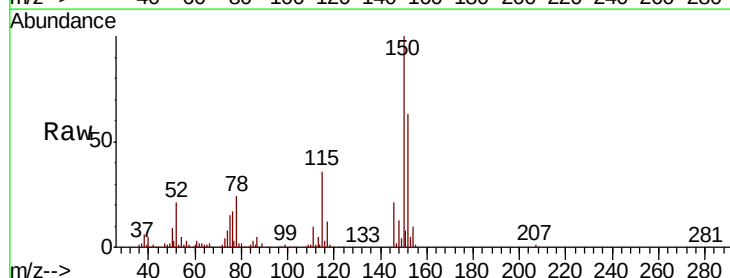
Tgt Ion:152 Resp: 144159

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.8

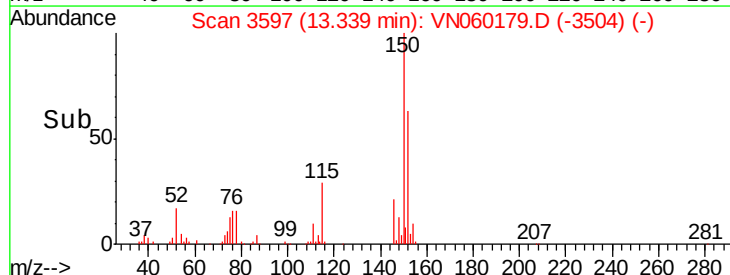
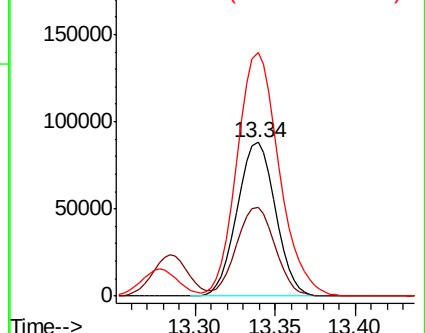
150 173.7 0.0 342.4

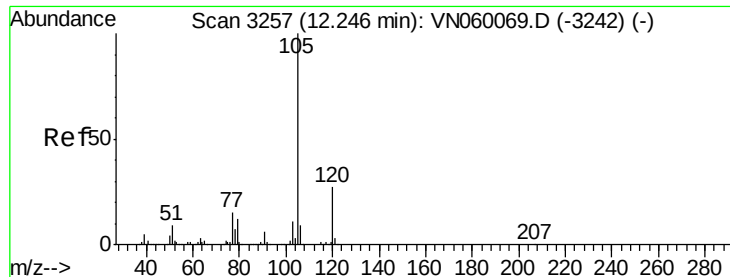


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.624 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

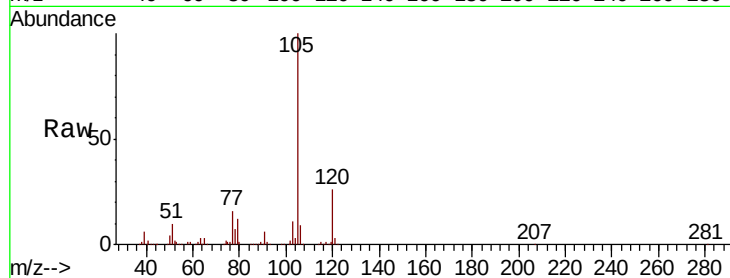
ClientSampleId :

Tot Ion:105 Resp: 534209

Ion Ratio Lower Upper

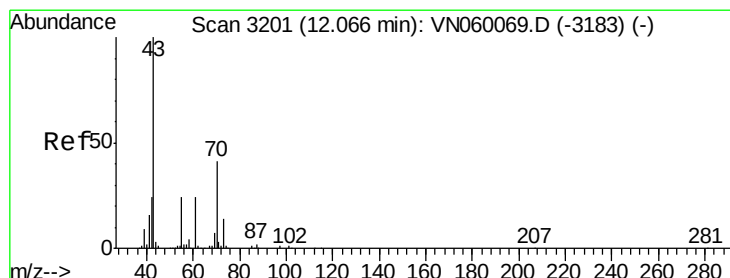
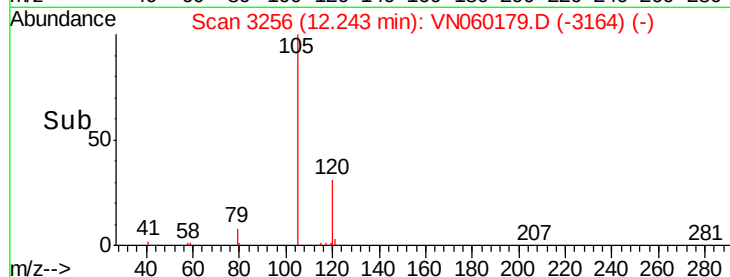
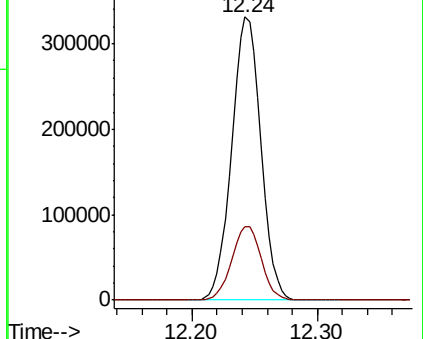
105 100

120 26.5 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: 53.387 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Tgt Ion: 43 Resp: 207239

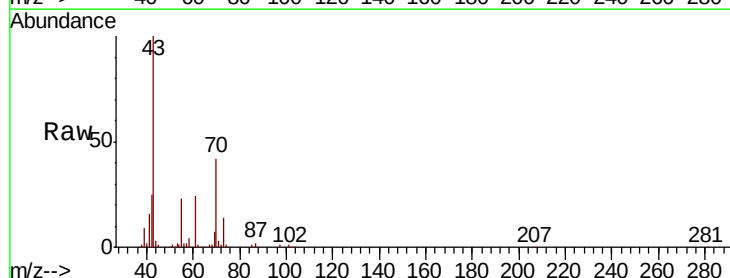
Ion Ratio Lower Upper

43 100

70 41.9 33.4 50.0

55 23.6 18.8 28.2

61 23.8 19.2 28.8

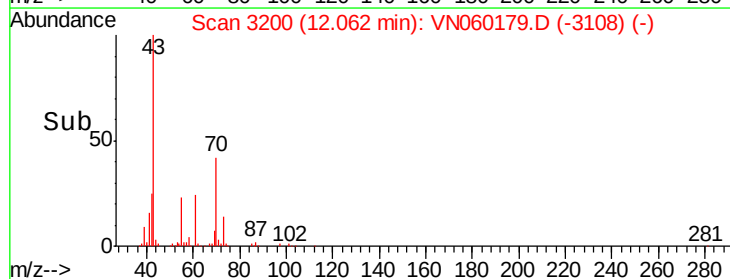
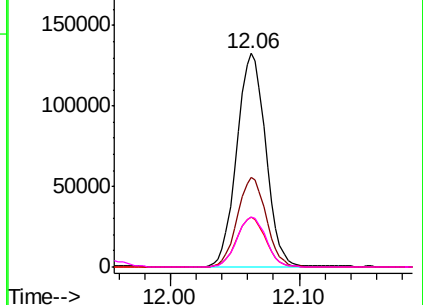


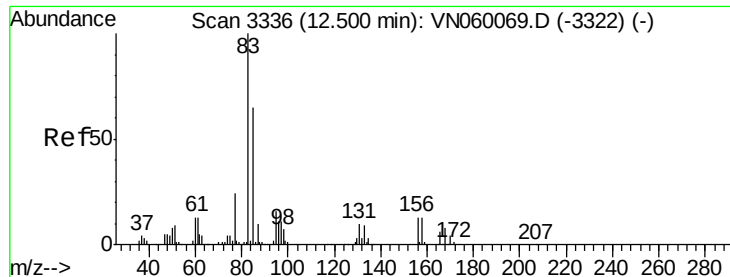
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.084 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

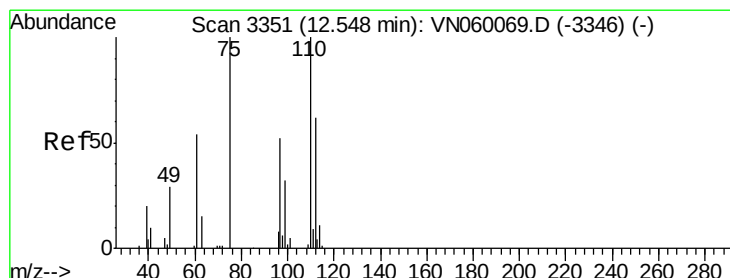
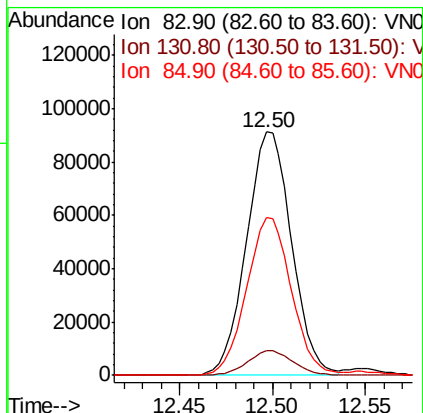
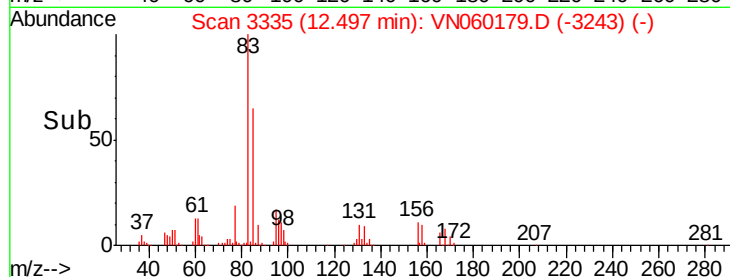
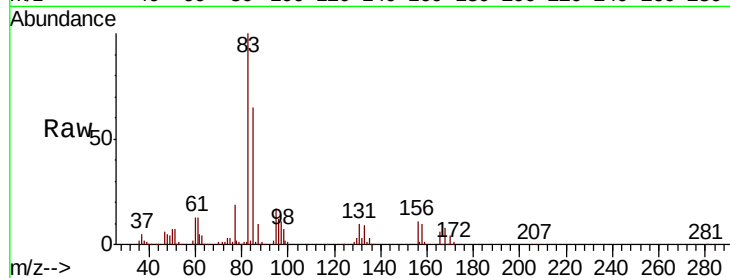
Tot Ion: 83 Resp: 155189

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 64.3 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 76.723 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060179.D

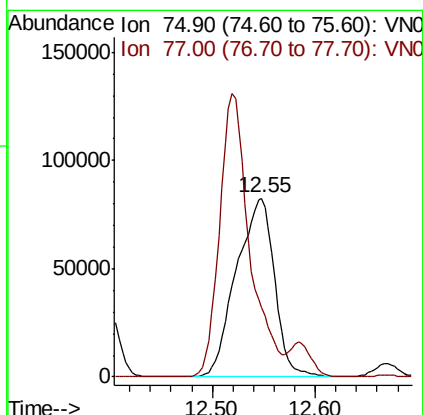
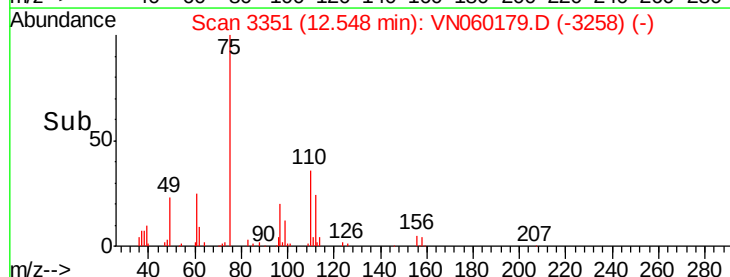
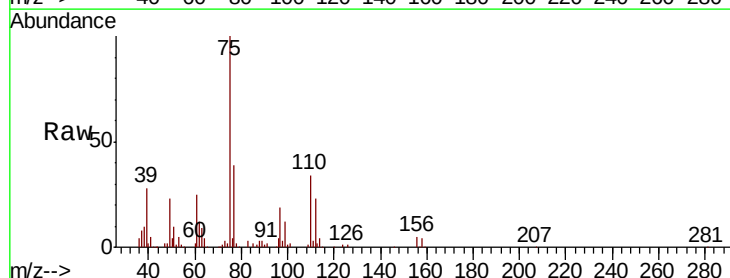
Acq: 21 Feb 2020 10:20

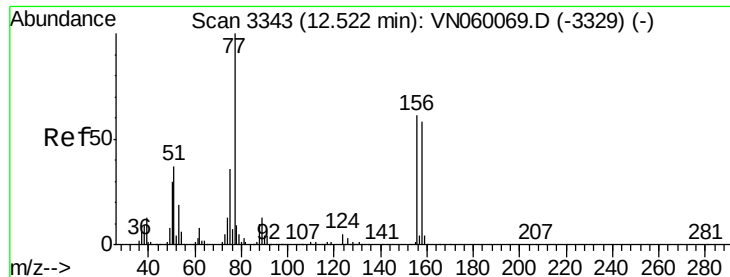
Tgt Ion: 75 Resp: 211607

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.855 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

ClientSampled :

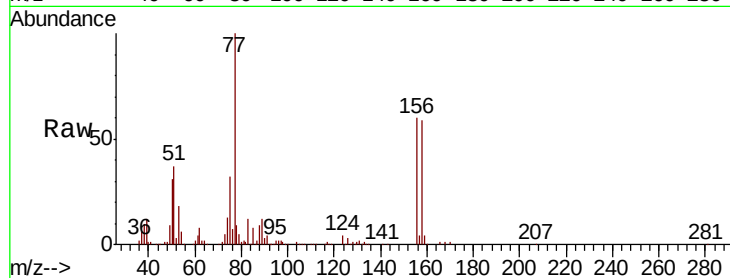
Tot Ion:156 Resp: 133190

Ion Ratio Lower Upper

156 100

77 200.8 98.7 296.1

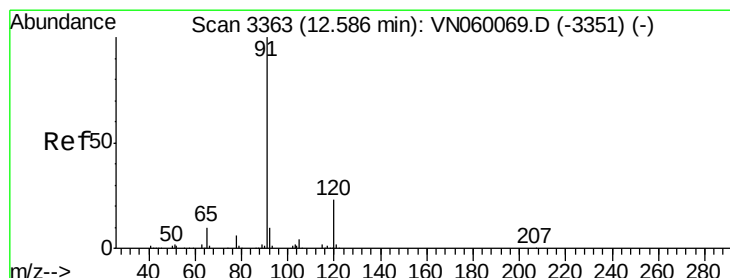
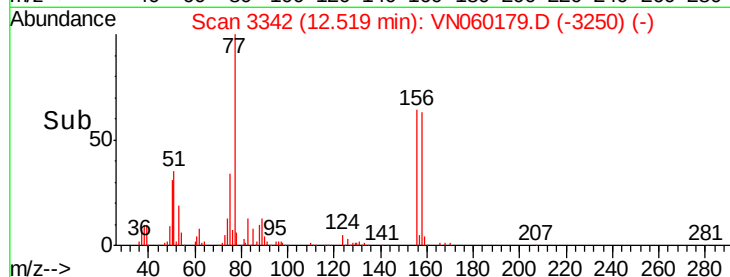
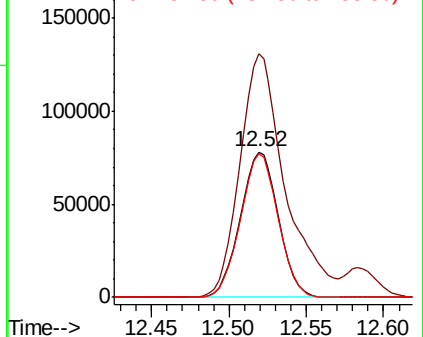
158 98.0 48.1 144.4



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: 50.528 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060179.D

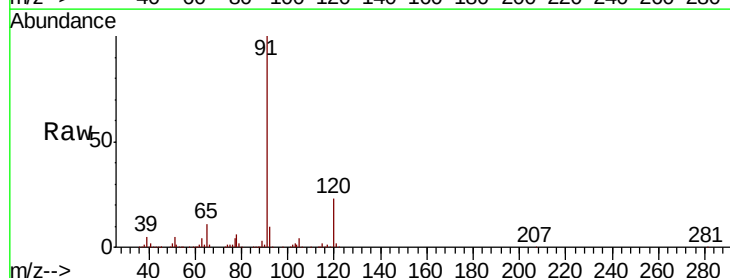
Acq: 21 Feb 2020 10:20

Tgt Ion: 91 Resp: 619717

Ion Ratio Lower Upper

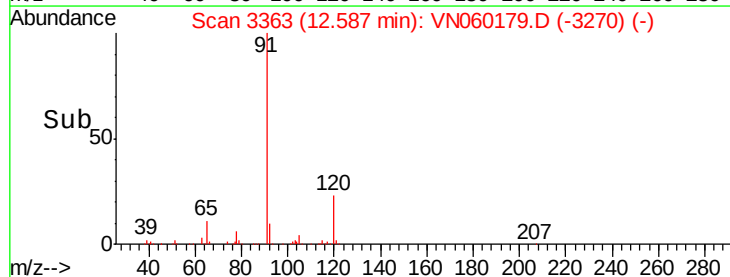
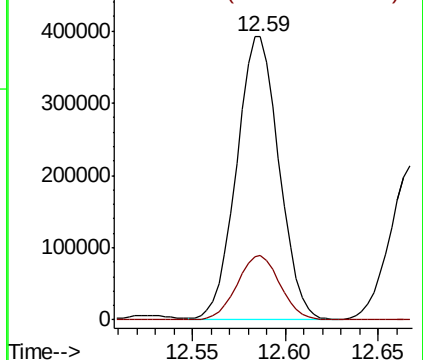
91 100

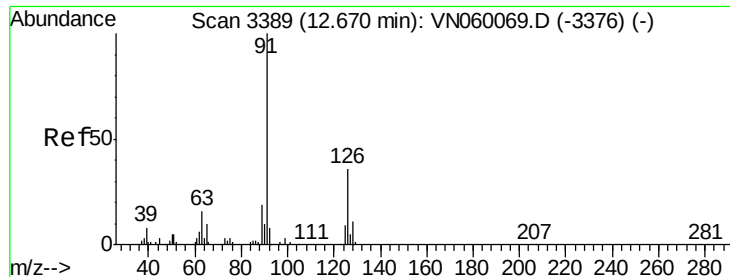
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

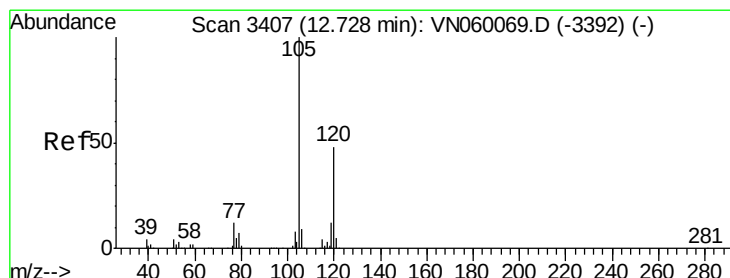
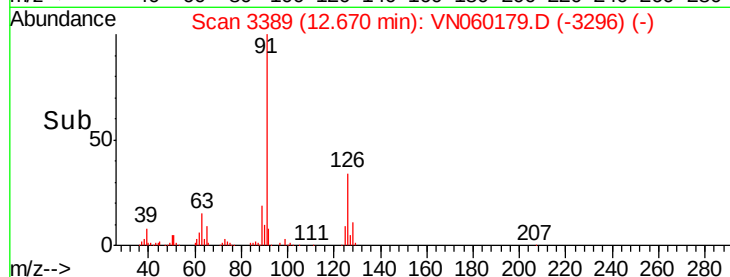
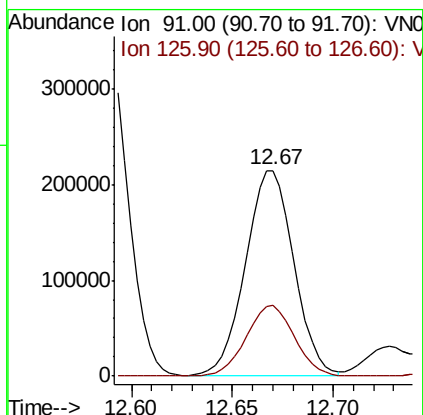
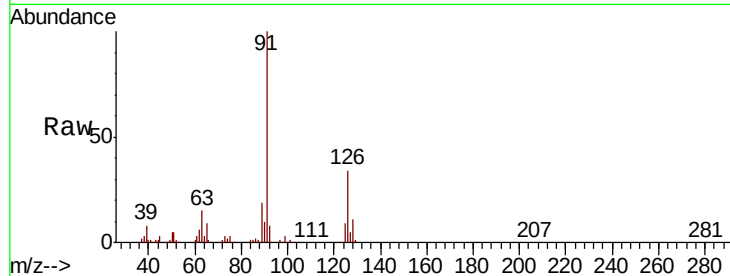




#79
 2-Chlorotoluene
 Concen: 49.695 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

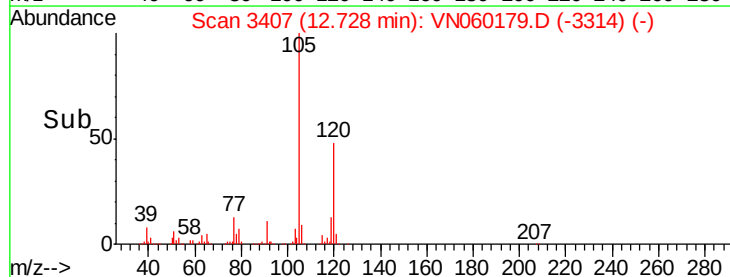
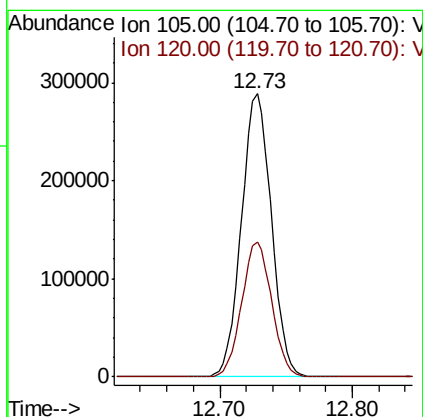
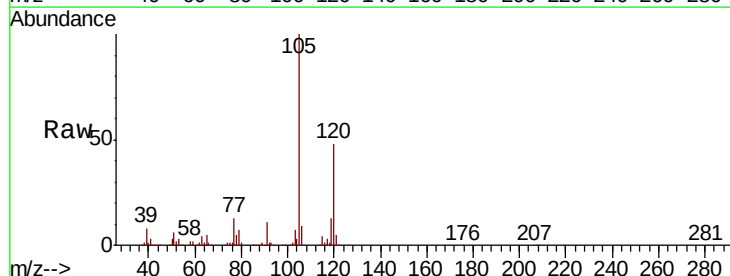
Instrument :
 MSVOA_N
 ClientSampled :

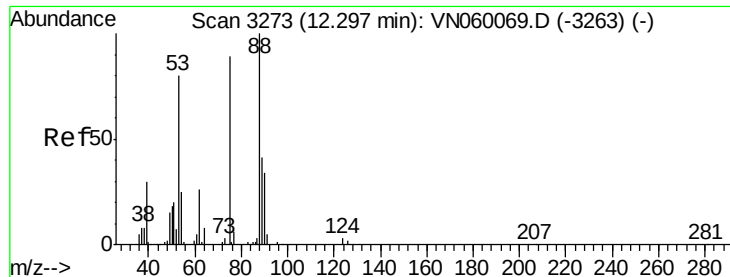
Tot Ion: 91 Resp: 358247
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 50.546 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion: 105 Resp: 452419
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 52.383 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

ClientSampled :

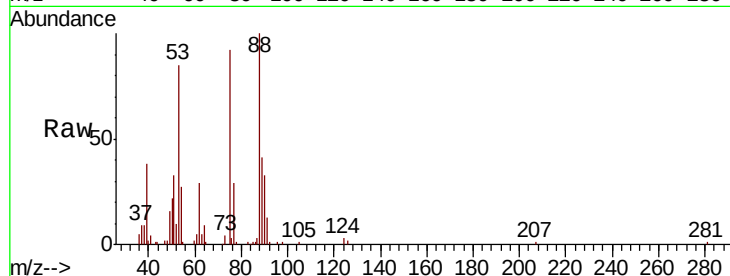
Tot Ion: 75 Resp: 59006

Ion Ratio Lower Upper

75 100

53 92.6 73.9 110.9

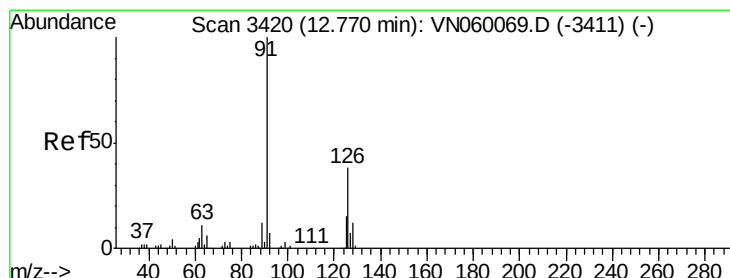
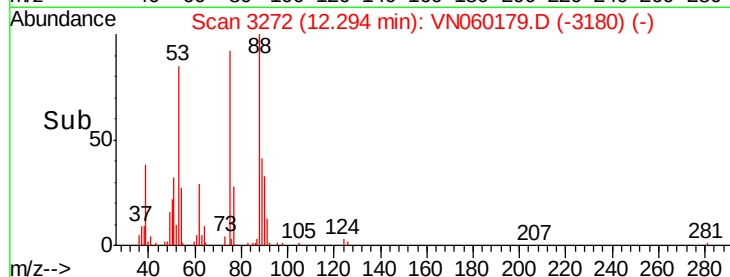
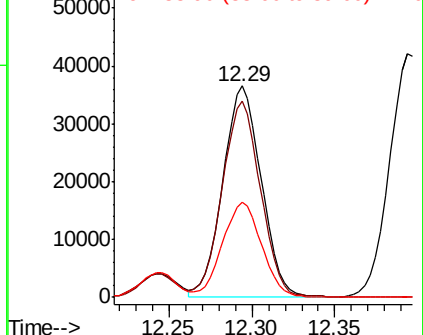
89 45.6 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.221 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060179.D

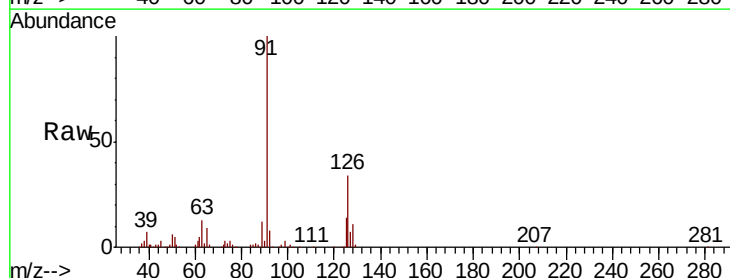
Acq: 21 Feb 2020 10:20

Tgt Ion: 91 Resp: 378839

Ion Ratio Lower Upper

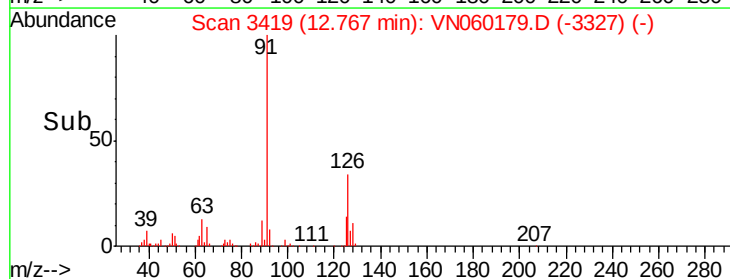
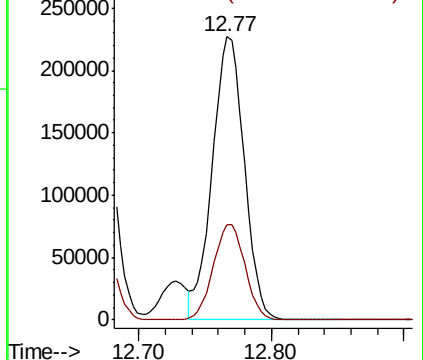
91 100

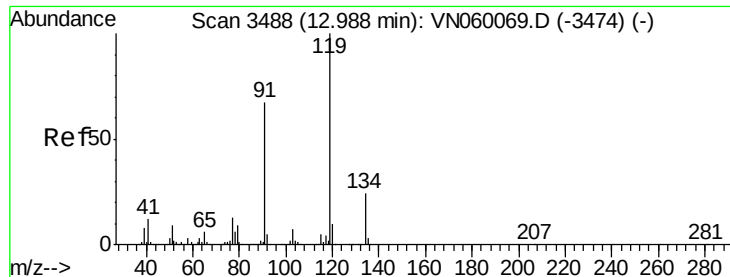
126 33.7 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

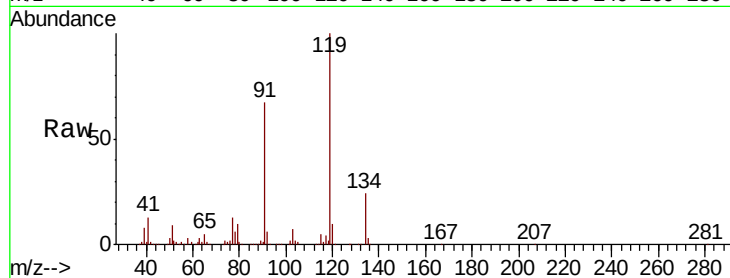




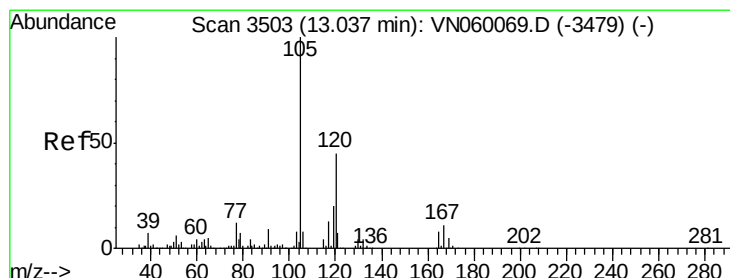
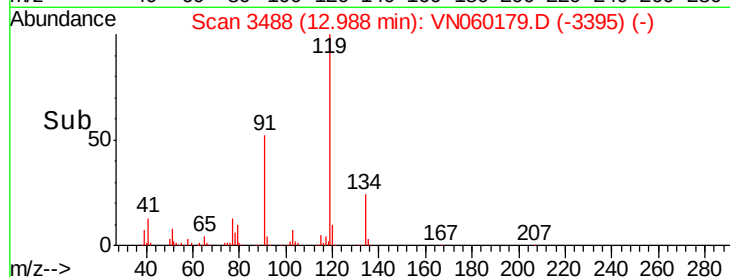
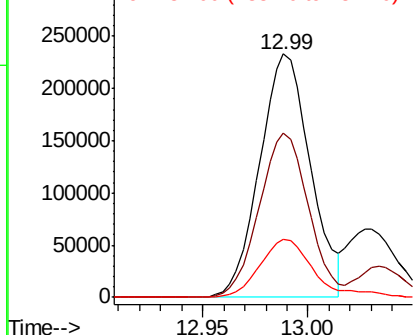
#83
 tert-Butylbenzene
 Concen: 49.290 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 390274
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.7 98.1
 134 25.4 12.9 38.7

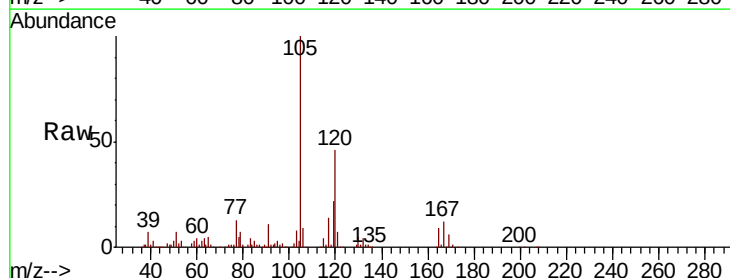


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

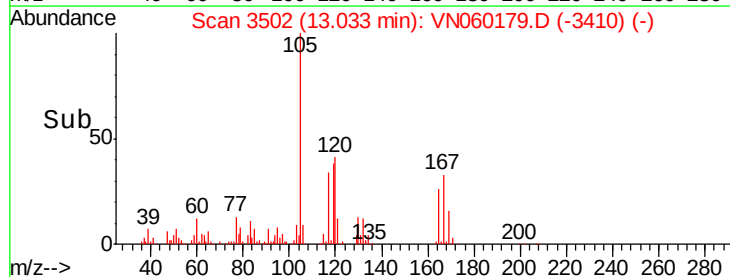
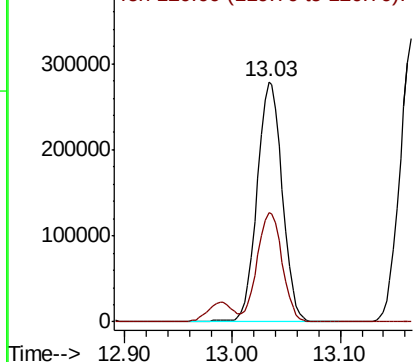


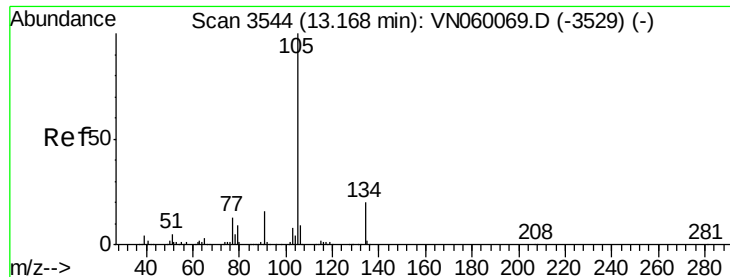
#84
 1,2,4-Trimethylbenzene
 Concen: 51.052 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion:105 Resp: 451066
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.416 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

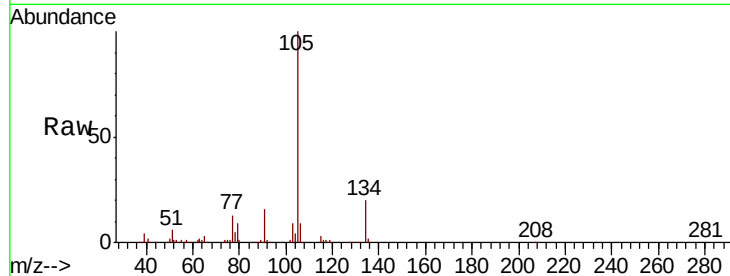
ClientSampleId :

Tot Ion:105 Resp: 528668

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

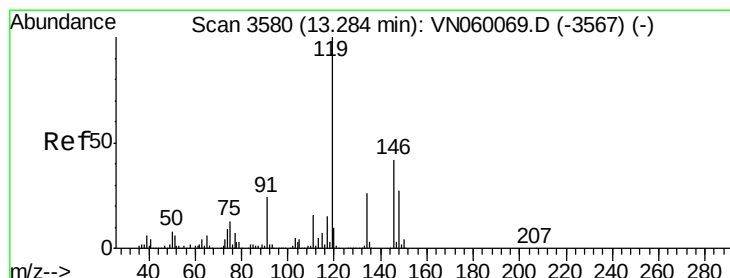
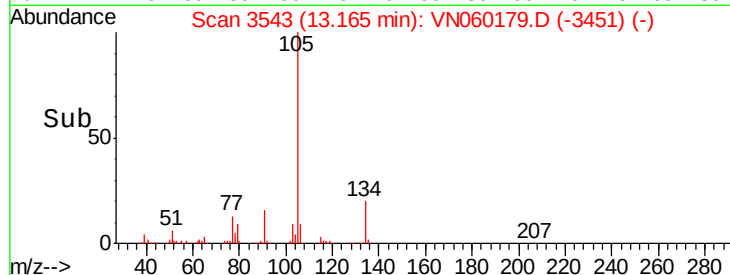
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.990 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

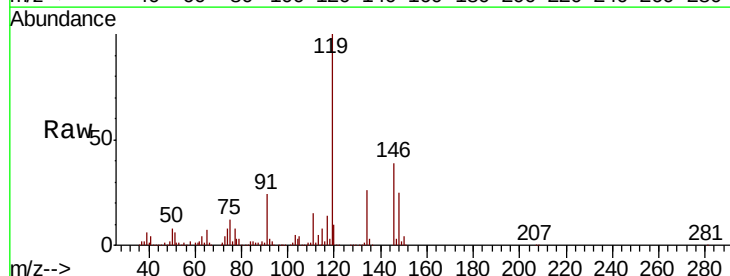
Tgt Ion:119 Resp: 484440

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.9 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

13.28

400000

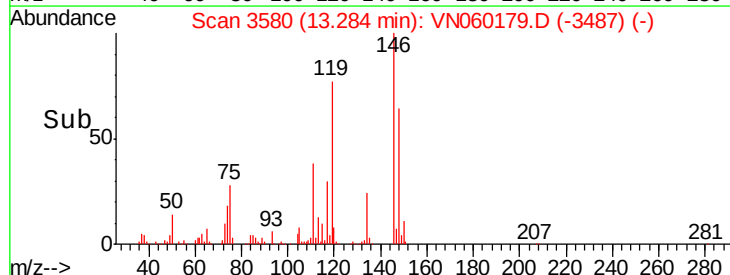
300000

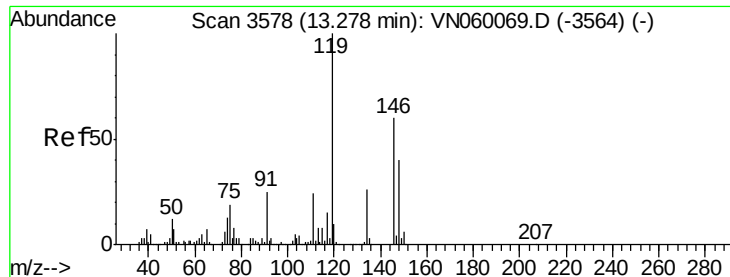
200000

100000

0

Time-->

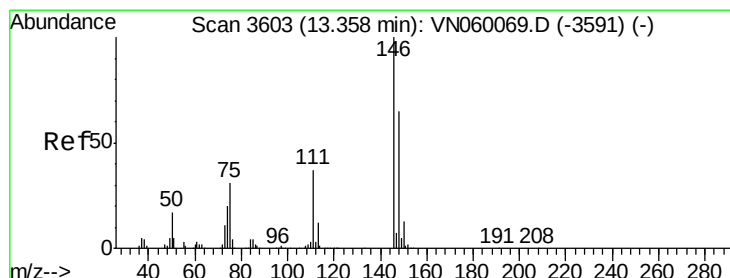
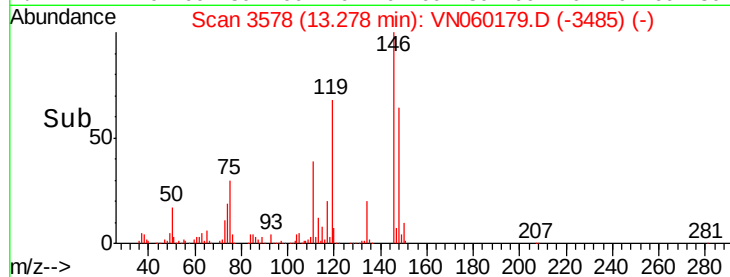
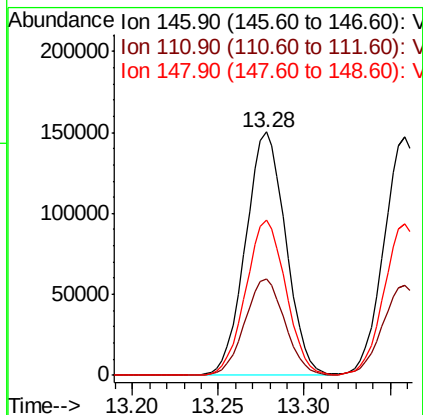
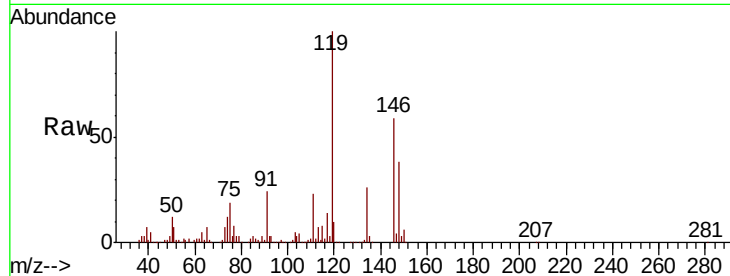




#87
 1,3-Dichlorobenzene
 Concen: 51.474 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

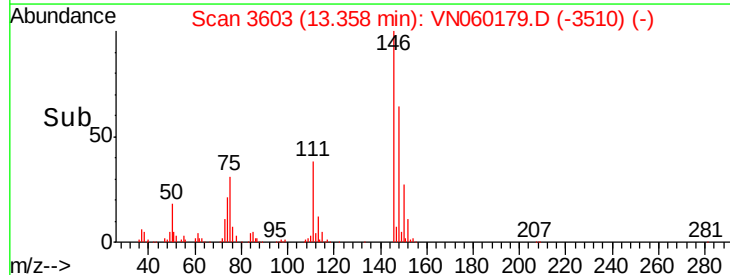
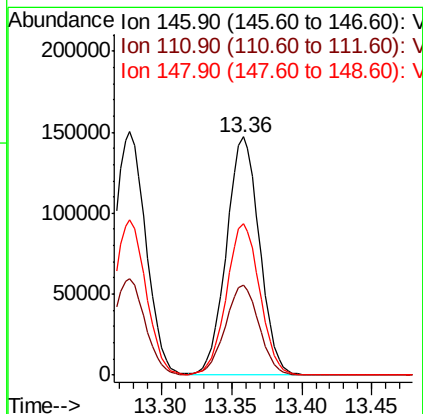
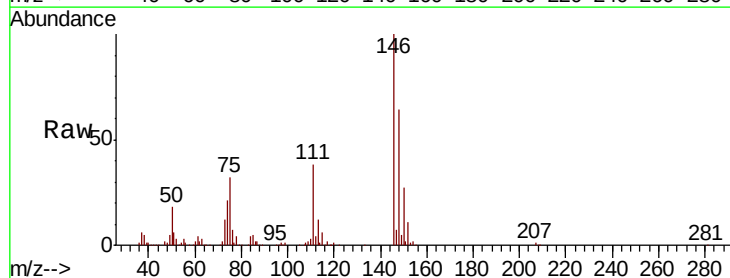
Instrument :
 MSVOA_N
 ClientSampled :

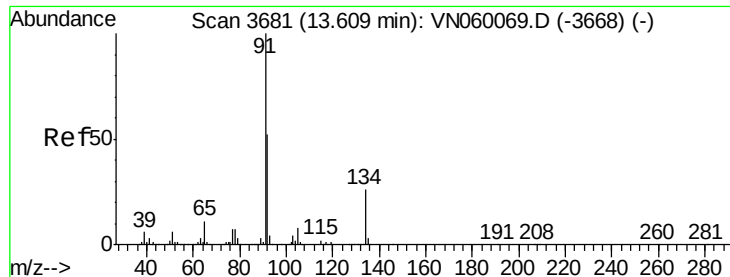
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	63.6	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.908 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	64.2	32.0	96.0

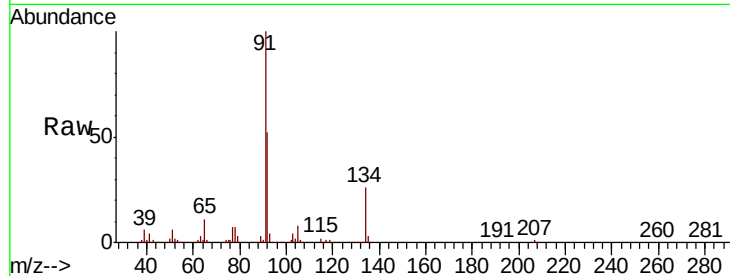




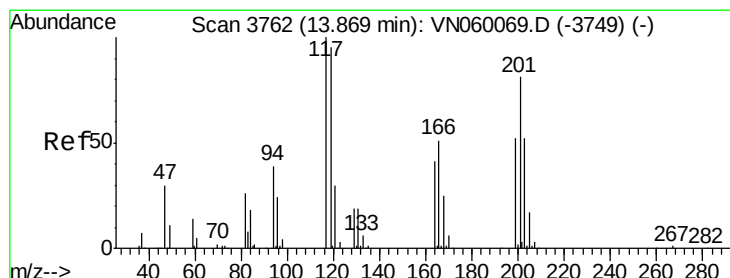
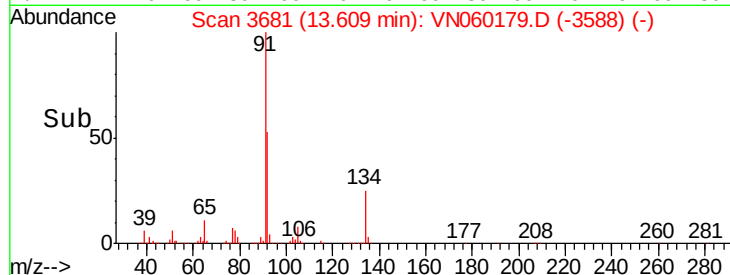
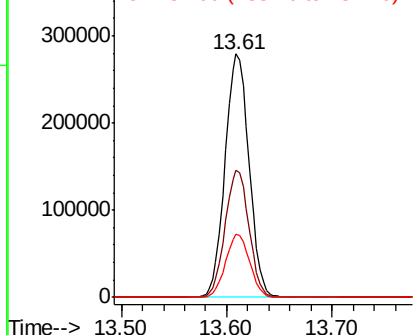
#89
n-Butylbenzene
Concen: 52.368 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 437616
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.2
134 26.0 13.1 39.3

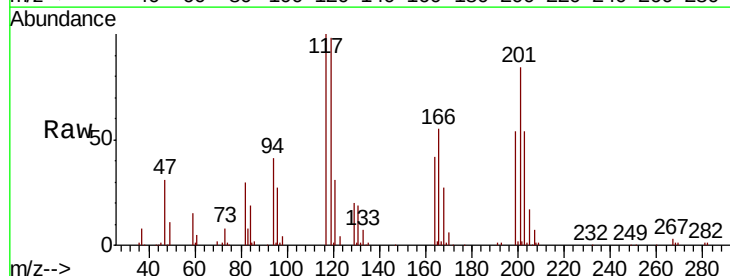


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

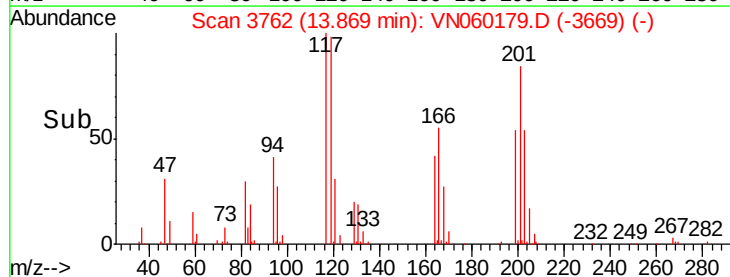
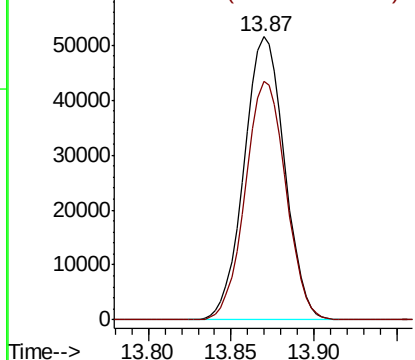


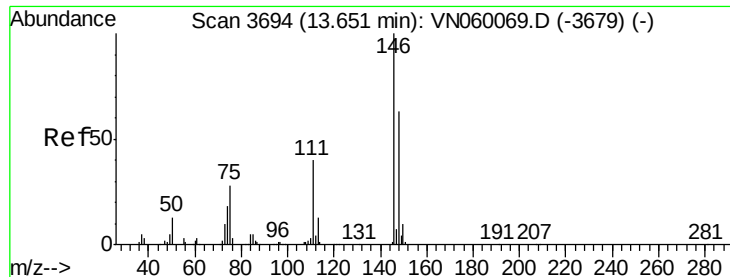
#90
Hexachloroethane
Concen: 49.269 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion: 117 Resp: 87449
Ion Ratio Lower Upper
117 100
201 84.4 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): V
60000 Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.284 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

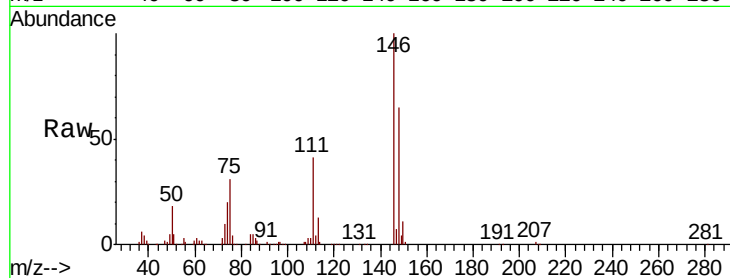
Tot Ion:146 Resp: 232712

Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.2

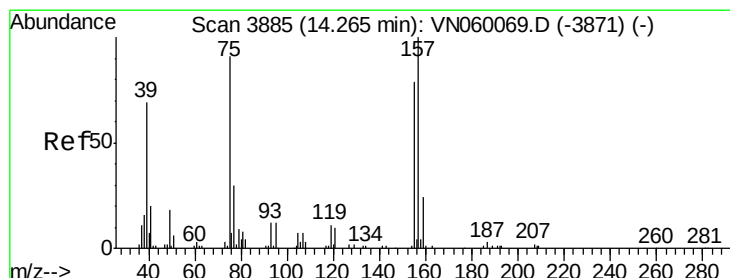
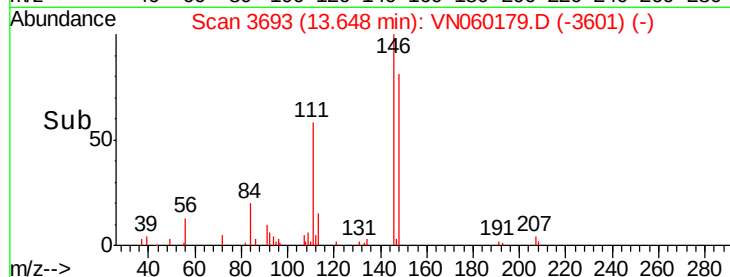
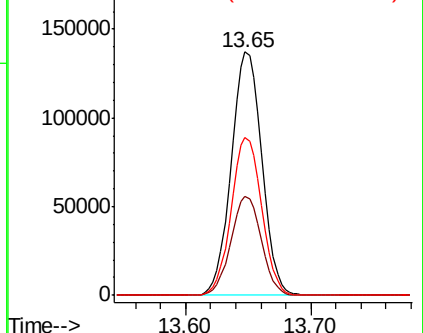
148 64.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.947 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060179.D

Acq: 21 Feb 2020 10:20

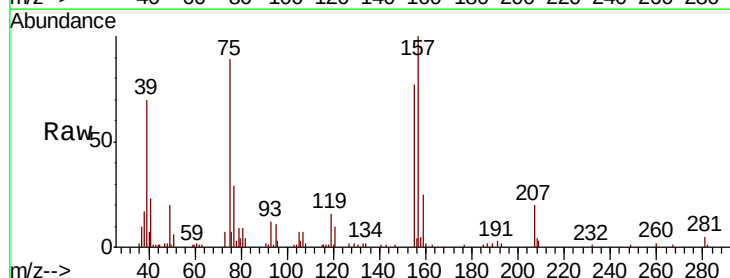
Tgt Ion: 75 Resp: 32259

Ion Ratio Lower Upper

75 100

155 84.8 43.0 129.0

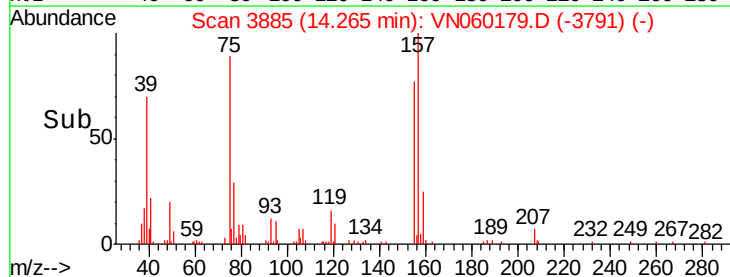
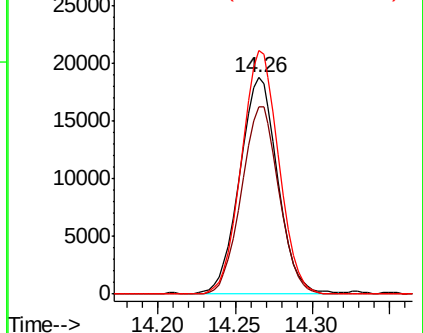
157 109.2 54.9 164.5

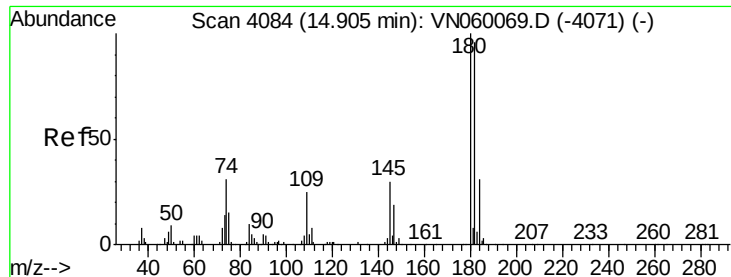


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

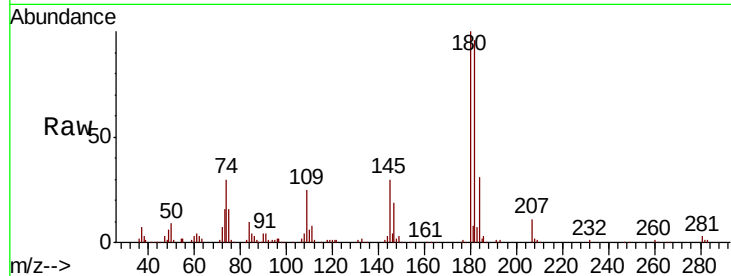




#93
 1,2,4-Trichlorobenzene
 Concen: 53.393 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.8
145	30.7	15.2	45.5

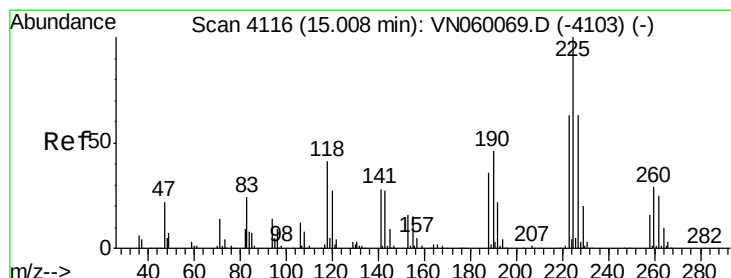
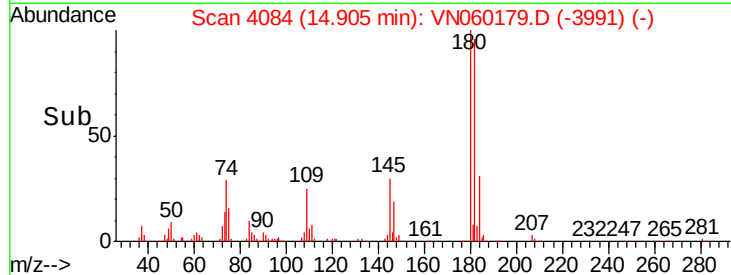
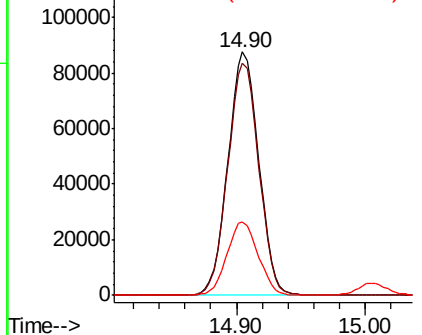


Abundance

Ion 179.80 (179.50 to 180.50): V

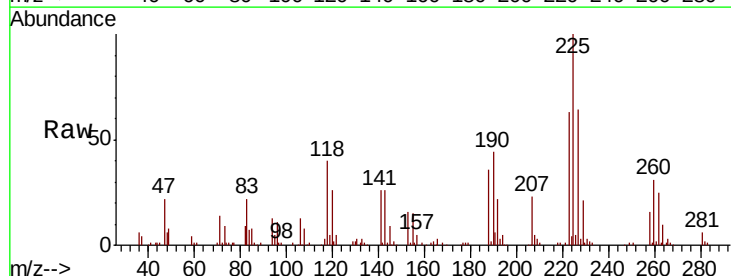
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.297 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060179.D
 Acq: 21 Feb 2020 10:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.5	94.5
227	64.4	31.8	95.4

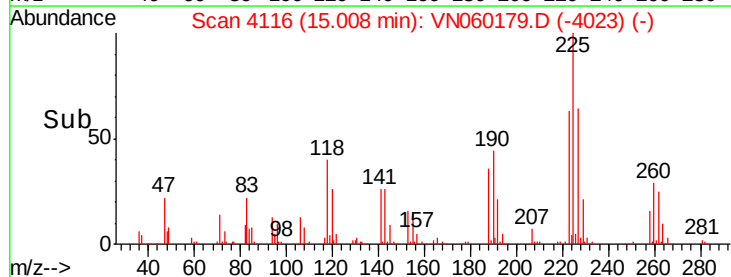
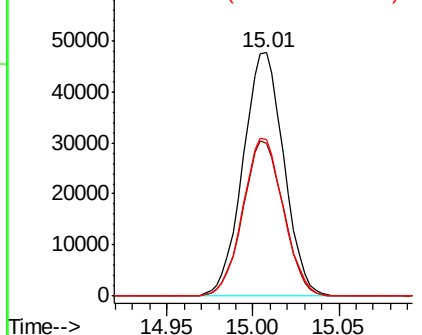


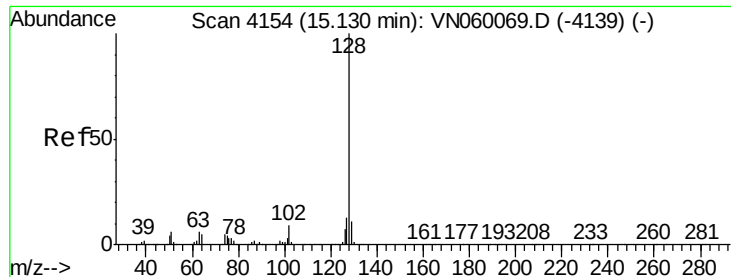
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

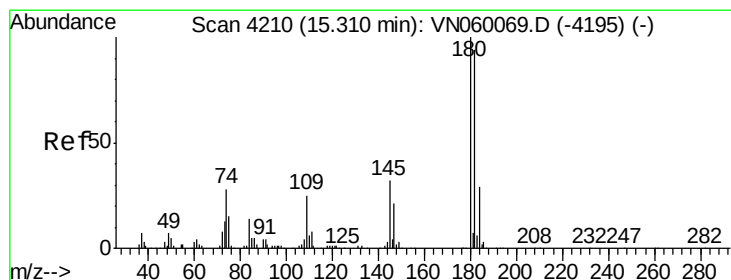
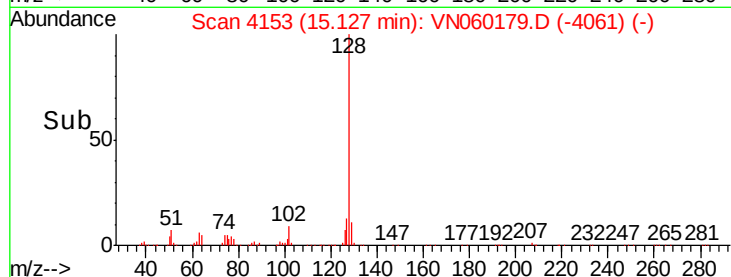
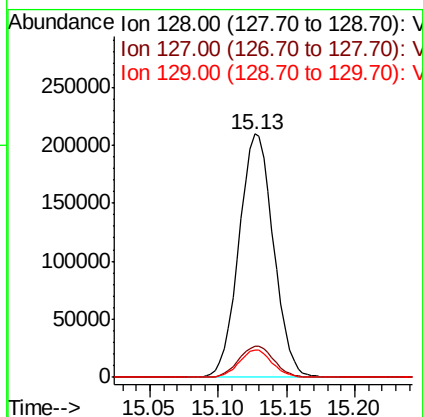
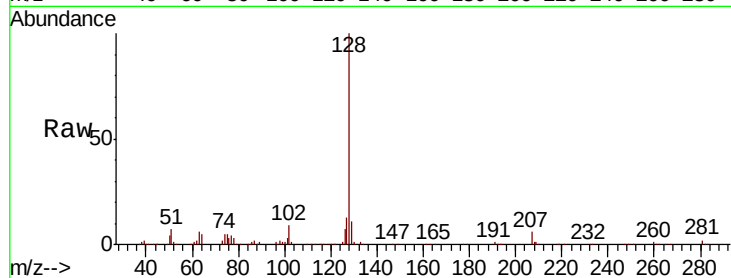




#95
Naphthalene
Concen: 50.098 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 367996
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.792 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060179.D
Acq: 21 Feb 2020 10:20

Tgt Ion:180 Resp: 137544
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 31.9 16.1 48.3

