

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022020\
 Data File : VN060170.D
 Acq On : 20 Feb 2020 14:15
 Operator : JC/MD
 Sample : VN0220WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 02:24:29 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	221072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	351321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	325764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156373	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	136877	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	7.56	113	108268	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	10.08	98	418356	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	151074	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	42032	19.021	ug/l	100
3) Chloromethane	2.04	50	50890	19.352	ug/l	97
4) Vinyl Chloride	2.17	62	56074	18.708	ug/l	100
5) Bromomethane	2.55	94	37275	20.281	ug/l	98
6) Chloroethane	2.69	64	30723	20.265	ug/l	99
7) Trichlorofluoromethane	3.00	101	75357	19.500	ug/l	97
8) Diethyl Ether	3.39	74	26834	20.859	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	41914	19.535	ug/l	99
10) Methyl Iodide	3.93	142	54970	20.604	ug/l	99
11) Tert butyl alcohol	4.73	59	40717	101.146	ug/l	100
12) 1,1-Dichloroethene	3.72	96	41978	20.084	ug/l	97
13) Acrolein	3.58	56	35116	88.253	ug/l	96
14) Allyl chloride	4.29	41	62275	20.243	ug/l	92
15) Acrylonitrile	4.94	53	100988	102.725	ug/l	99
16) Acetone	3.78	43	99113	84.467	ug/l	97
17) Carbon Disulfide	4.03	76	114917	18.241	ug/l	98
18) Methyl Acetate	4.29	43	48831	22.153	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	140312	19.962	ug/l	99
20) Methylene Chloride	4.52	84	45396	19.392	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	44731	19.632	ug/l	93
22) Diisopropyl ether	5.92	45	135401	20.083	ug/l	96
23) Vinyl Acetate	5.86	43	566177	99.998	ug/l	100
24) 1,1-Dichloroethane	5.82	63	80845	19.794	ug/l	98
25) 2-Butanone	6.80	43	137111	92.909	ug/l	98
26) 2,2-Dichloropropane	6.80	77	74053	19.089	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	50212	18.831	ug/l	98
28) Bromochloromethane	7.17	49	33069	20.595	ug/l	98
29) Tetrahydrofuran	7.18	42	90251	99.687	ug/l	98
30) Chloroform	7.35	83	81768	19.112	ug/l	99
31) Cyclohexane	7.63	56	73434	19.301	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	75277	19.254	ug/l	98
36) 1,1-Dichloropropene	7.77	75	60904	18.716	ug/l	99
37) Ethyl Acetate	6.90	43	59574	20.257	ug/l	99
38) Carbon Tetrachloride	7.75	117	65071	18.412	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	74016	18.324	ug/l	99
40) Benzene	8.02	78	180826	18.733	ug/l	98
41) Methacrylonitrile	7.18	41	83038	67.327	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	65067	19.233	ug/l	99
43) Isopropyl Acetate	8.14	43	99833	19.858	ug/l	99
44) Trichloroethene	8.82	130	49216	18.414	ug/l	92
45) 1,2-Dichloropropane	9.10	63	46991	19.663	ug/l	96
46) Dibromomethane	9.19	93	31422	18.606	ug/l	98
47) Bromodichloromethane	9.39	83	63884	18.606	ug/l	99
48) Methyl methacrylate	9.18	41	41562	18.426	ug/l	99
49) 1,4-Dioxane	9.18	88	15871	411.819	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	285050	97.959	ug/l	100
52) Toluene	10.14	92	116943	18.892	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	71881	18.547	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	77739	19.049	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	45243	18.735	ug/l	99
56) Ethyl methacrylate	10.42	69	64728	18.948	ug/l	97
57) 1,3-Dichloropropane	10.70	76	76764	19.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	157226	98.792	ug/l	100
59) 2-Hexanone	10.74	43	206567	91.897	ug/l	100
60) Dibromochloromethane	10.89	129	50544	18.239	ug/l	99
61) 1,2-Dibromoethane	10.99	107	47041	18.582	ug/l	100
64) Tetrachloroethene	10.62	164	46248	18.675	ug/l	99
65) Chlorobenzene	11.43	112	122678	18.484	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	47193	18.796	ug/l	99
67) Ethyl Benzene	11.50	91	226684	18.937	ug/l	99
68) m/p-Xylenes	11.62	106	172028	38.291	ug/l	99
69) o-Xylene	11.94	106	81897	18.933	ug/l	98
70) Styrene	11.96	104	128507	18.423	ug/l	99
71) Bromoform	12.12	173	36112	17.882	ug/l #	98
73) Isopropylbenzene	12.24	105	220731	18.903	ug/l	99
74) N-amyl acetate	12.06	43	79253	18.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	63742	18.965	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	86655	28.965	ug/l #	100
77) Bromobenzene	12.52	156	60865	21.003	ug/l	89
78) n-propylbenzene	12.59	91	245127	18.425	ug/l	98
79) 2-Chlorotoluene	12.67	91	147151	18.818	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	185889	19.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	23119	18.921	ug/l	99
82) 4-Chlorotoluene	12.77	91	149687	18.658	ug/l	99
83) tert-Butylbenzene	12.99	119	157749	18.367	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	190406	19.867	ug/l	100
85) sec-Butylbenzene	13.17	105	208021	18.288	ug/l	100
86) p-Isopropyltoluene	13.28	119	189582	18.396	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	94749	18.471	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	94594	18.444	ug/l	99
89) n-Butylbenzene	13.61	91	167310	18.458	ug/l	99
90) Hexachloroethane	13.87	117	33756	17.533	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	92717	18.469	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	13042	17.752	ug/l	97

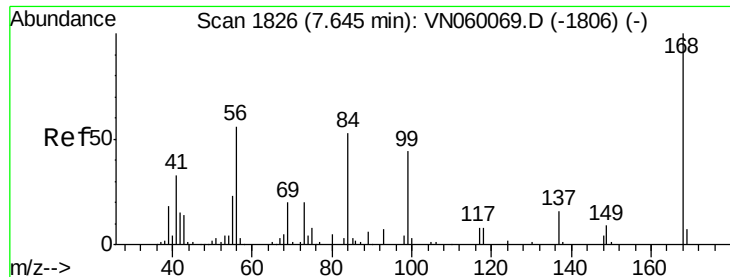
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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	56279	19.080	ug/l	99
94) Hexachlorobutadiene	15.01	225	30477	17.649	ug/l	99
95) Naphthalene	15.13	128	168248	21.116	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	56148	19.115	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

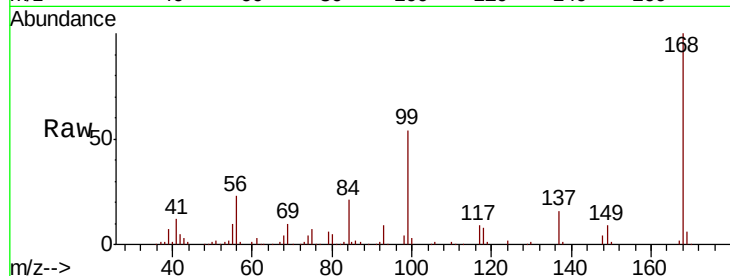
ClientSampled :

Tot Ion:168 Resp: 221072

Ion Ratio Lower Upper

168 100

99 54.0 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

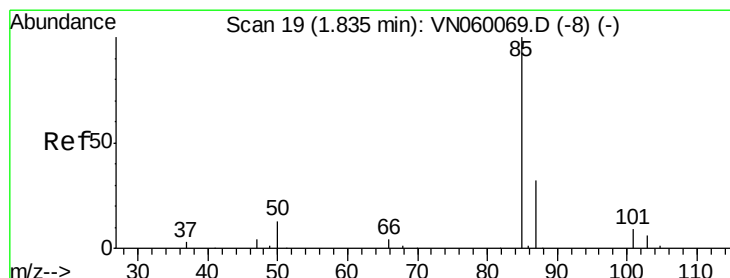
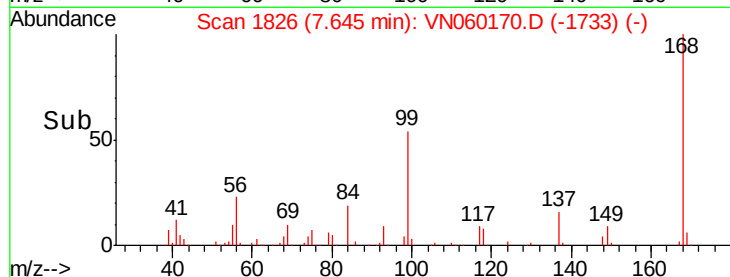
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.021 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060170.D

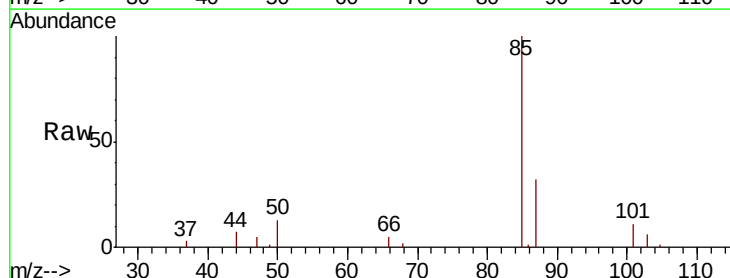
Acq: 20 Feb 2020 14:15

Tgt Ion: 85 Resp: 42032

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

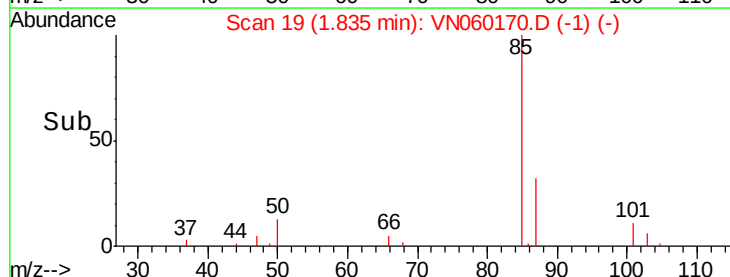
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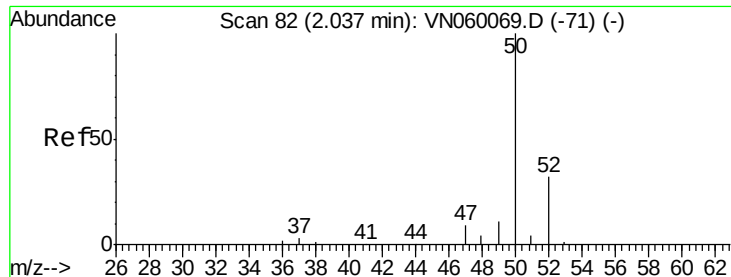
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0

1.80 1.85 1.90

Time-->

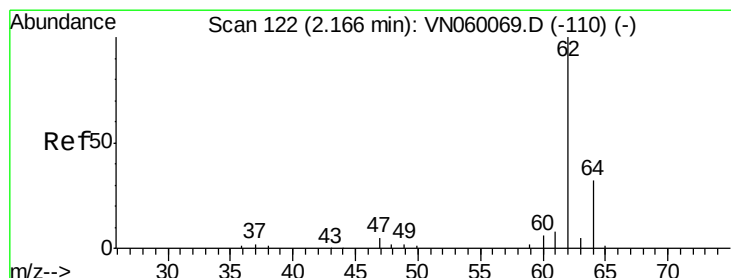
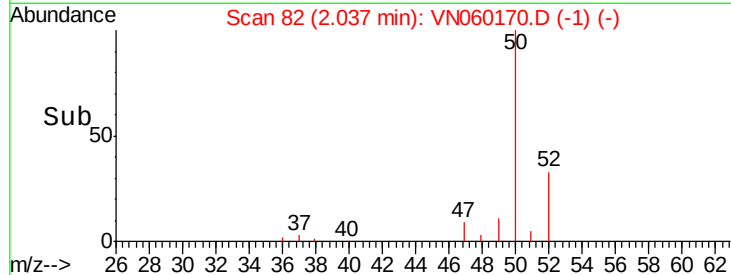
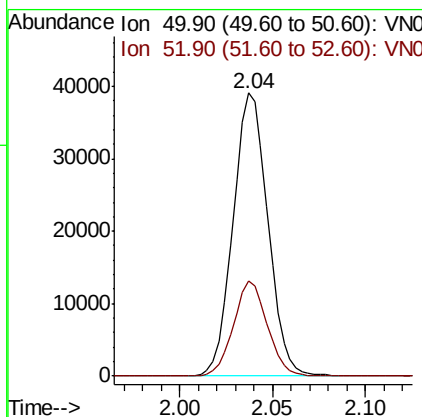
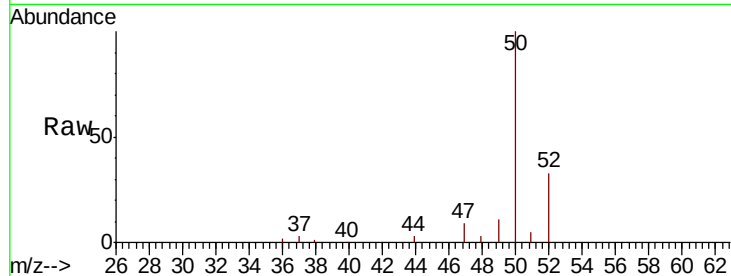




#3
 Chloromethane
 Concen: 19.352 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

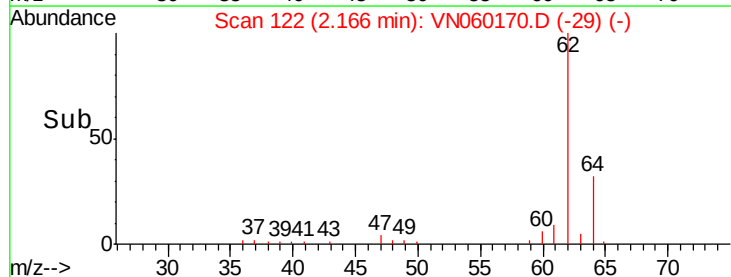
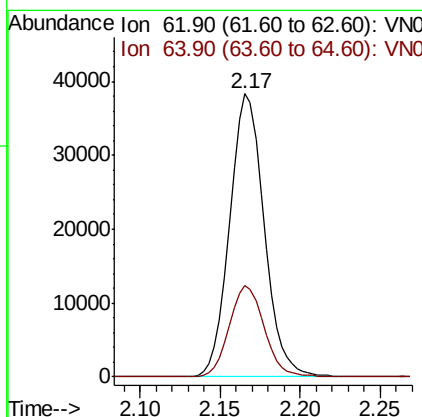
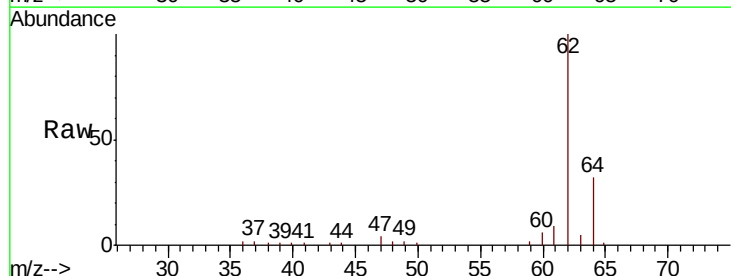
Instrument :
 MSVOA_N
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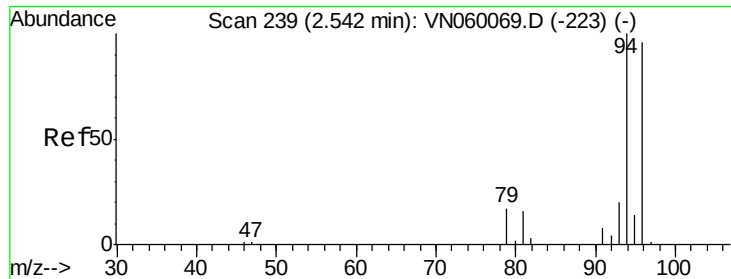
Tot Ion: 50 Resp: 50890
 Ion Ratio Lower Upper
 50 100
 52 33.4 25.6 38.4



#4
 Vinyl Chloride
 Concen: 18.708 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion: 62 Resp: 56074
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.9 38.9

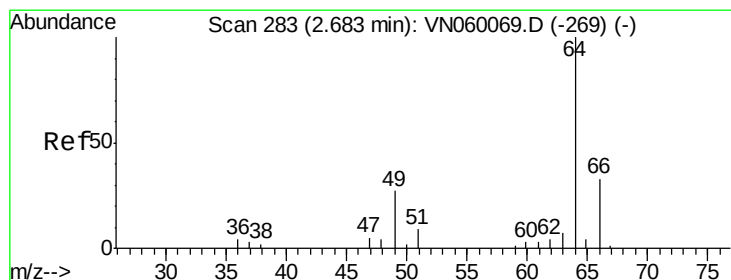
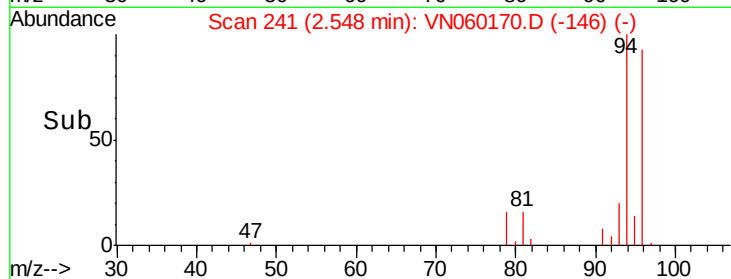
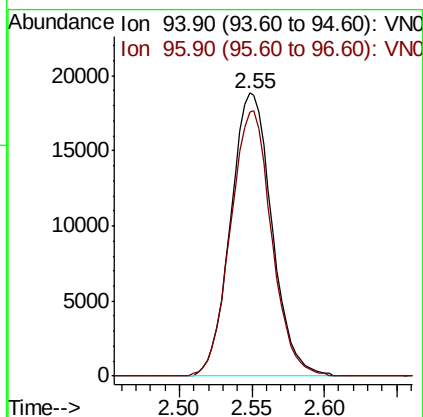
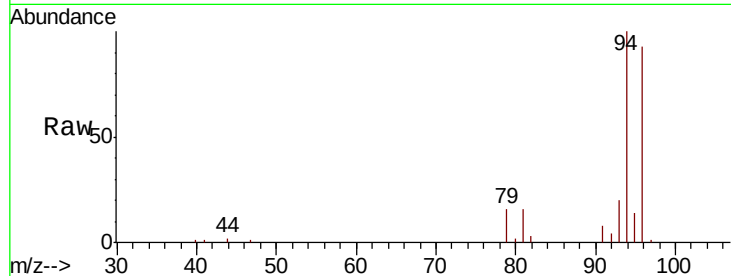




#5
Bromomethane
Concen: 20.281 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

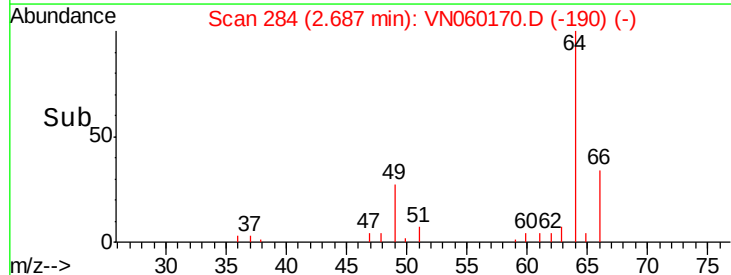
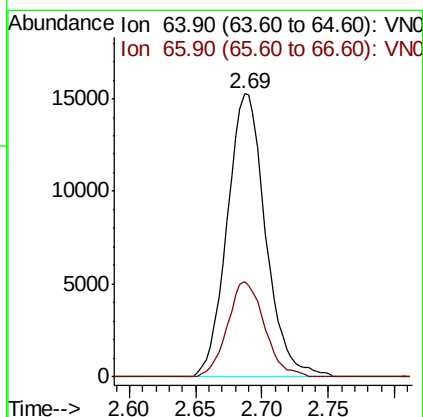
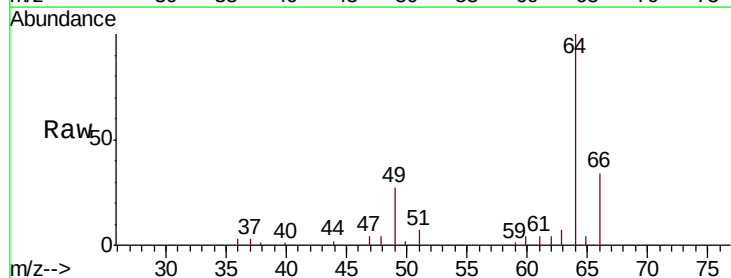
Instrument :
MSVOA_N
ClientSampleId :

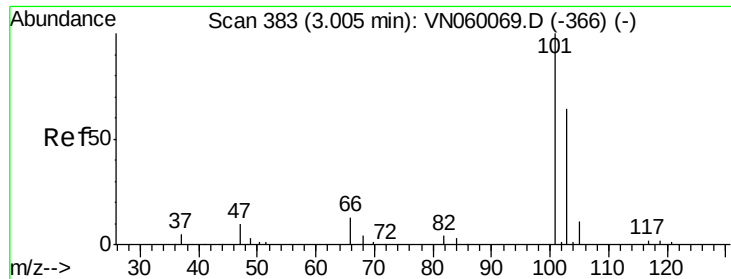
Tot Ion: 94 Resp: 37275
Ion Ratio Lower Upper
94 100
96 93.5 76.7 115.1



#6
Chloroethane
Concen: 20.265 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion: 64 Resp: 30723
Ion Ratio Lower Upper
64 100
66 33.9 26.6 40.0



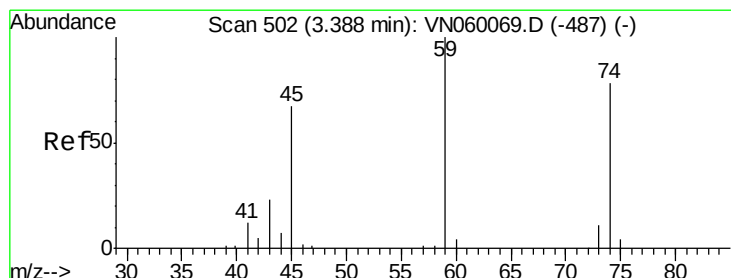
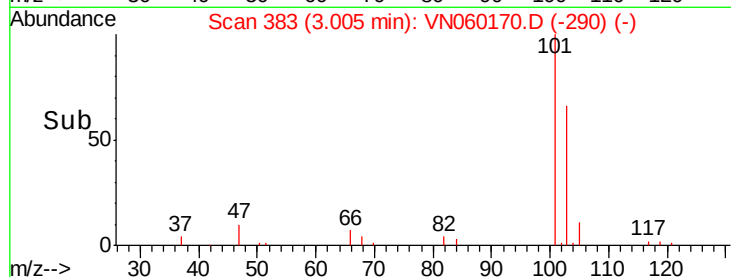
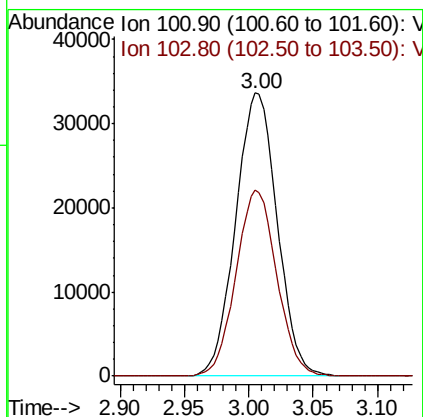
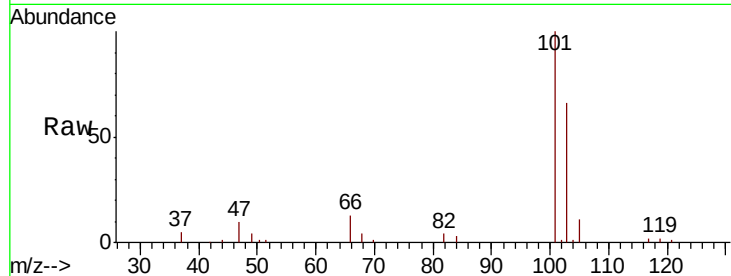


#7

Trichlorofluoromethane
 Concen: 19.500 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

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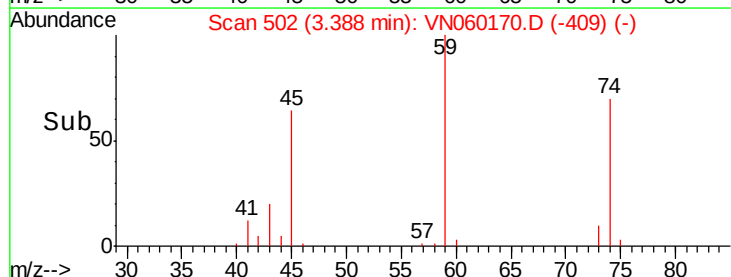
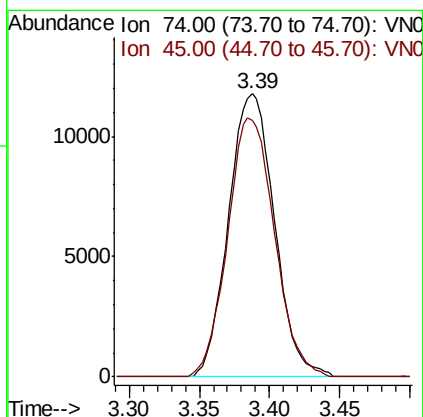
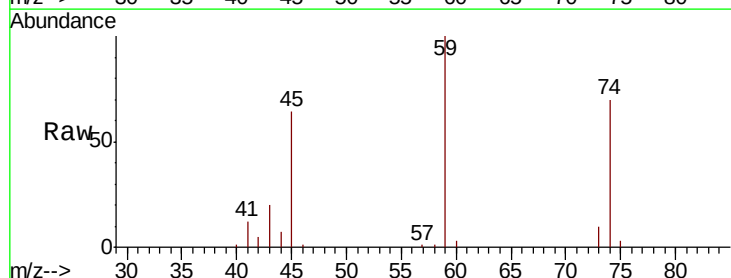
Tot Ion:101 Resp: 75357
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.0 76.6

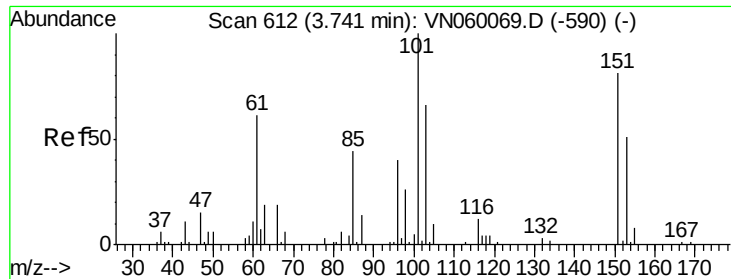


#8

Diethyl Ether
 Concen: 20.859 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion: 74 Resp: 26834
 Ion Ratio Lower Upper
 74 100
 45 93.3 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.535 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

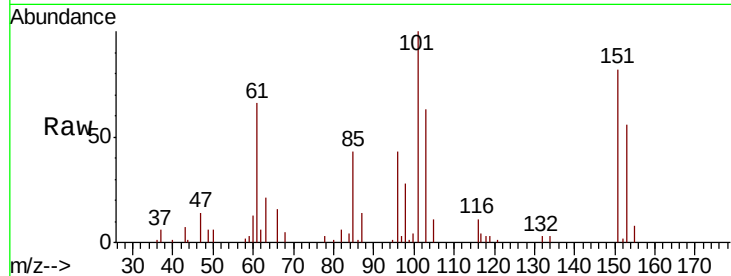
Tot Ion:101 Resp: 41914

Ion Ratio Lower Upper

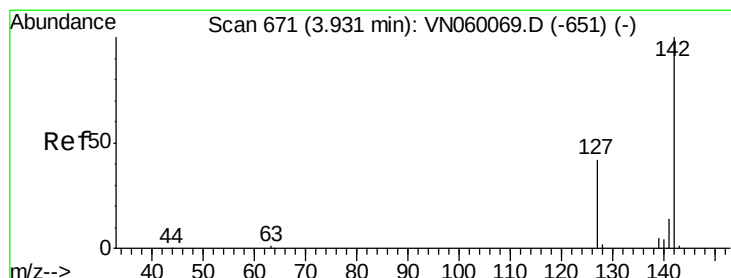
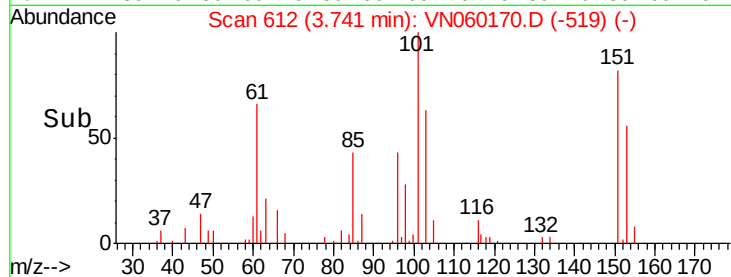
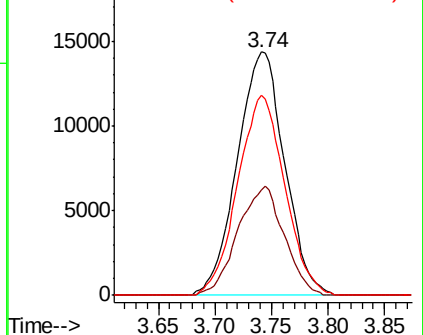
101 100

85 43.7 35.1 52.7

151 81.5 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: 20.604 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

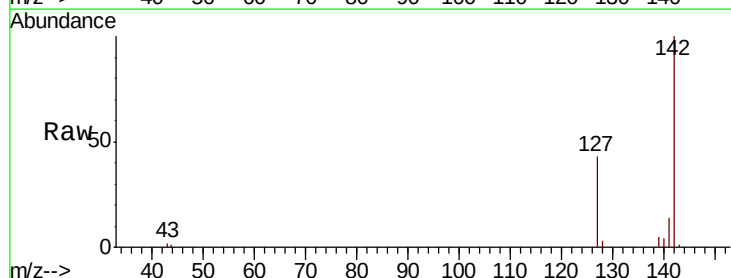
Tgt Ion:142 Resp: 54970

Ion Ratio Lower Upper

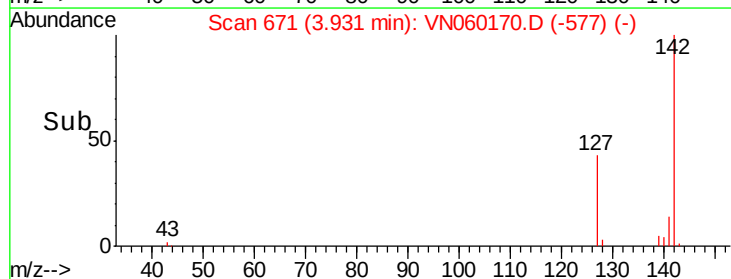
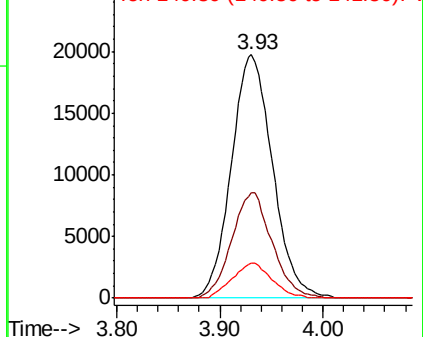
142 100

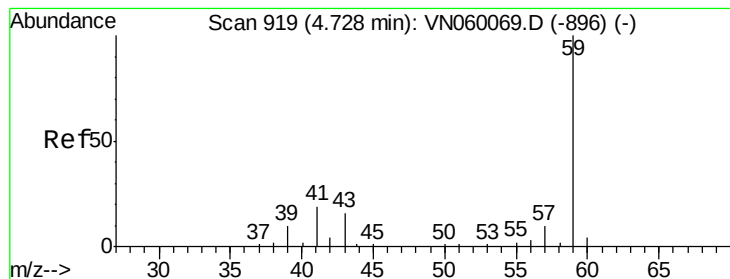
127 42.2 33.6 50.4

141 13.7 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



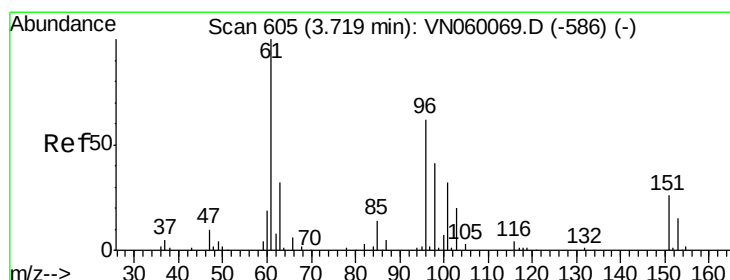
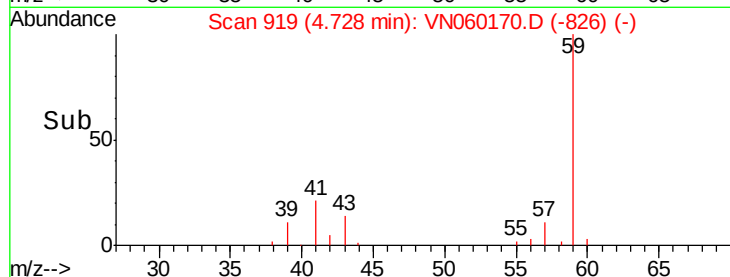
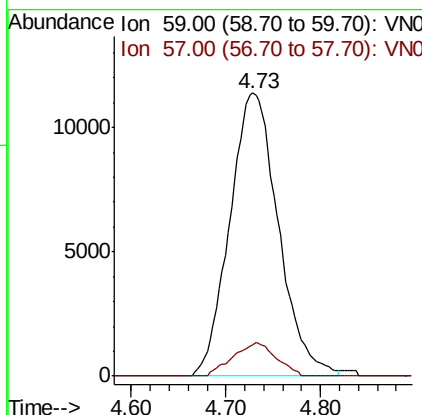
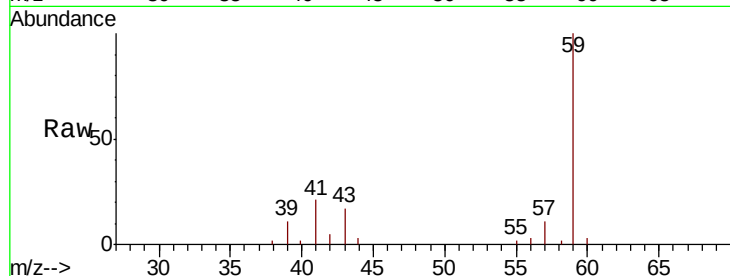


#11

Tert butyl alcohol
 Concen: 101.146 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Instrument :
 MSVOA_N
 ClientSampled :

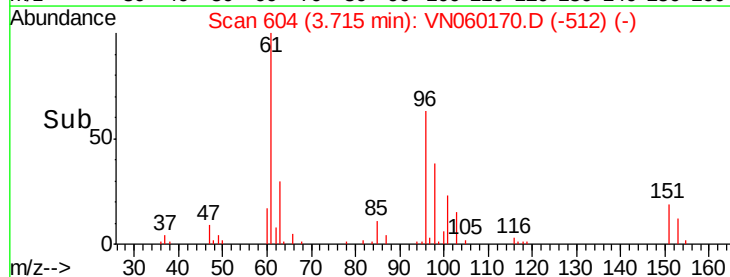
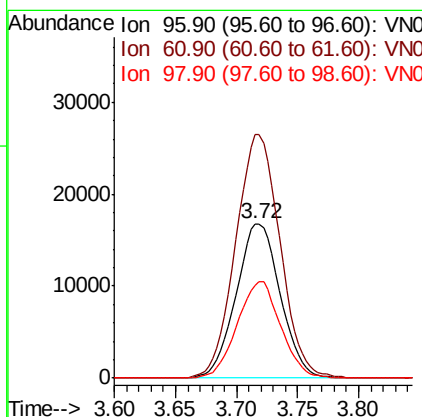
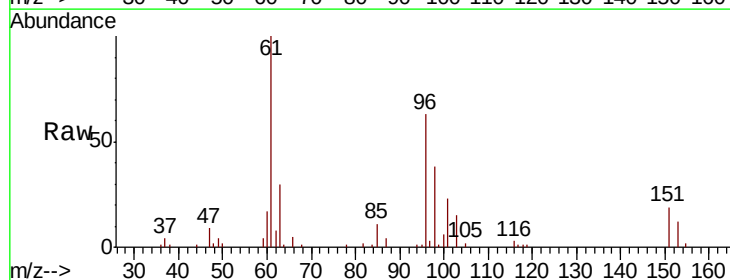
Tot Ion: 59 Resp: 40717
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

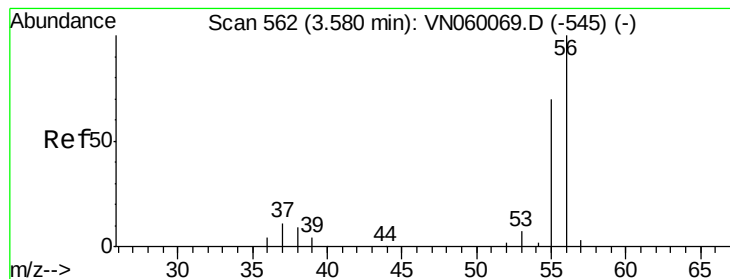


#12

1,1-Dichloroethene
 Concen: 20.084 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion: 96 Resp: 41978
 Ion Ratio Lower Upper
 96 100
 61 157.6 128.3 192.5
 98 60.2 52.2 78.4





#13

Acrolein

Concen: 88.253 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

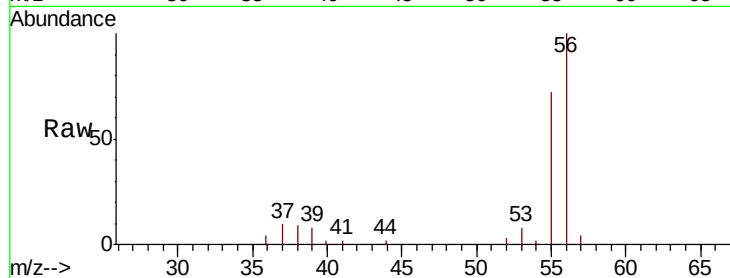
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 35116

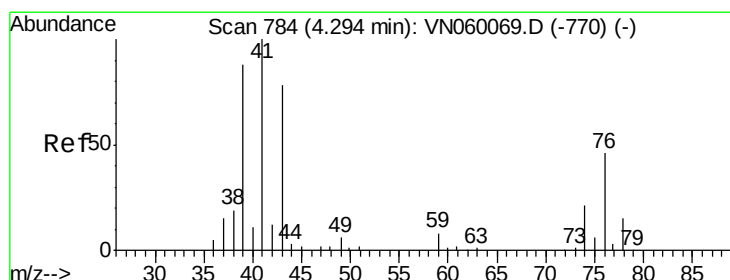
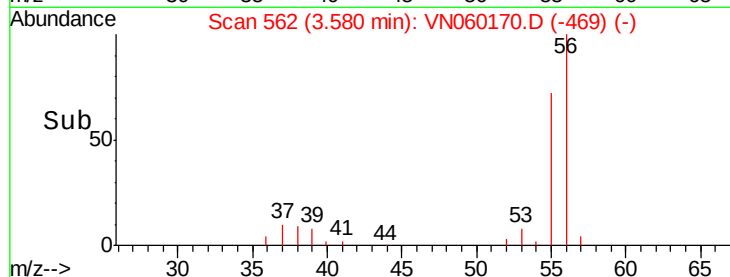
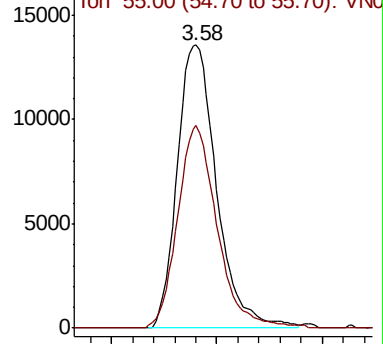
Ion Ratio Lower Upper

56 100

55 71.7 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060170.D (-469) (-)



#14

Allyl chloride

Concen: 20.243 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

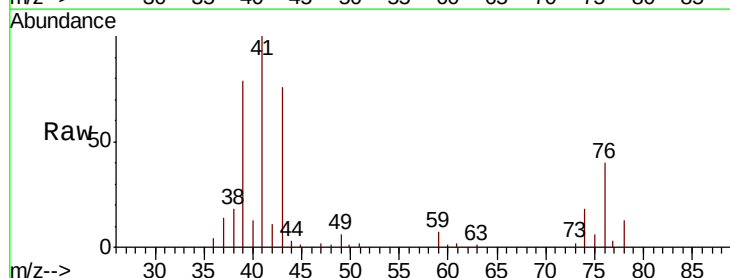
Tgt Ion: 41 Resp: 62275

Ion Ratio Lower Upper

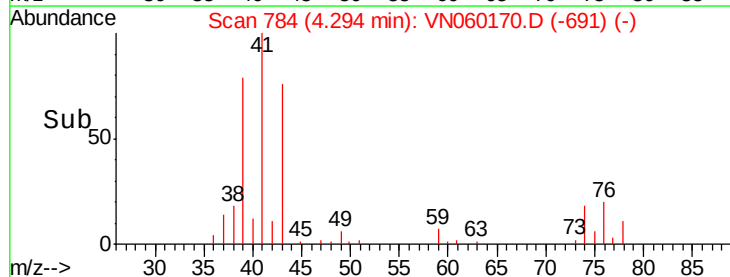
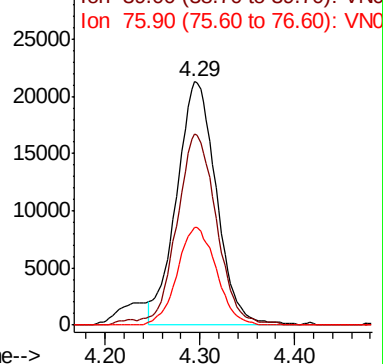
41 100

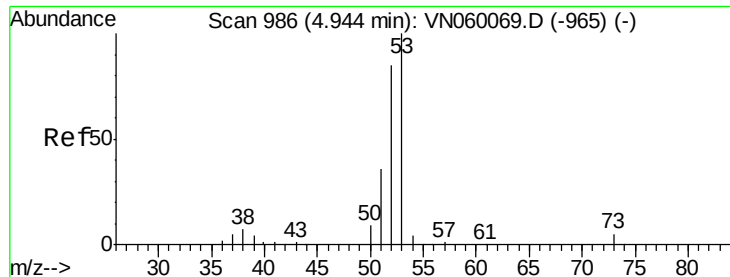
39 76.0 67.8 101.8

76 39.2 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060170.D (-691) (-)





#15

Acrylonitrile

Concen: 102.725 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :

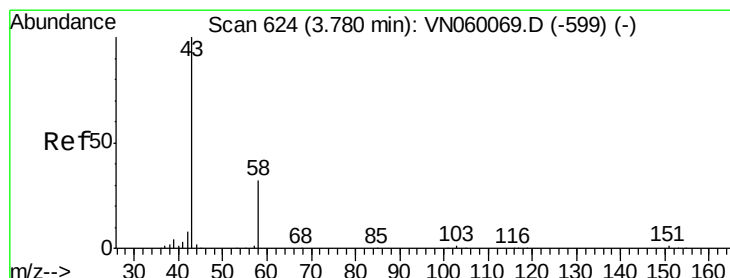
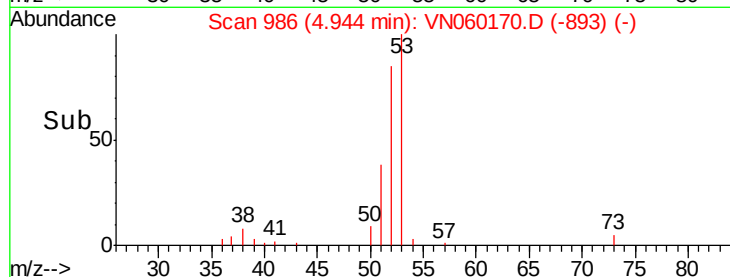
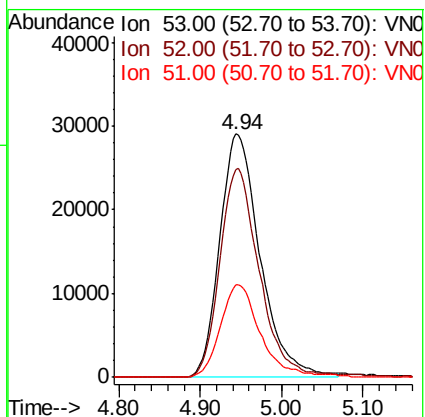
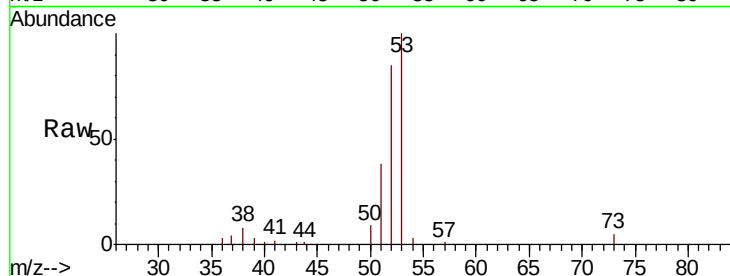
Tot Ion: 53 Resp: 100988

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

51 37.8 29.4 44.0



#16

Acetone

Concen: 84.467 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060170.D

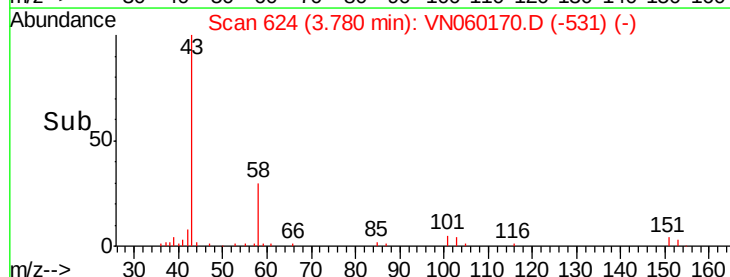
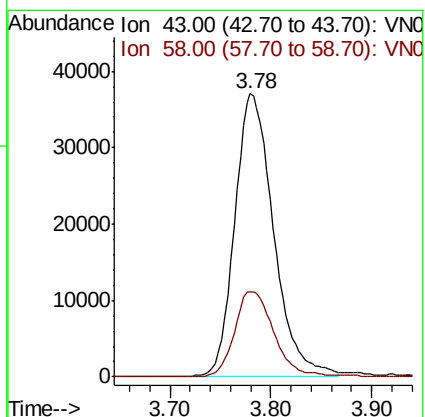
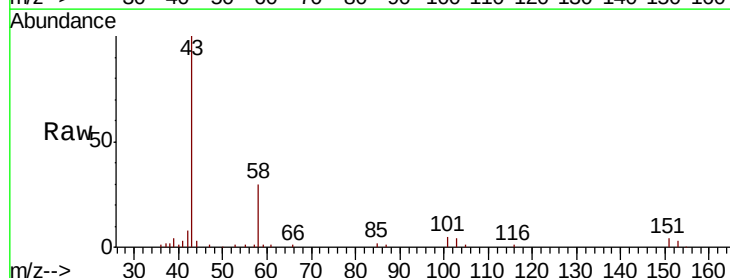
Acq: 20 Feb 2020 14:15

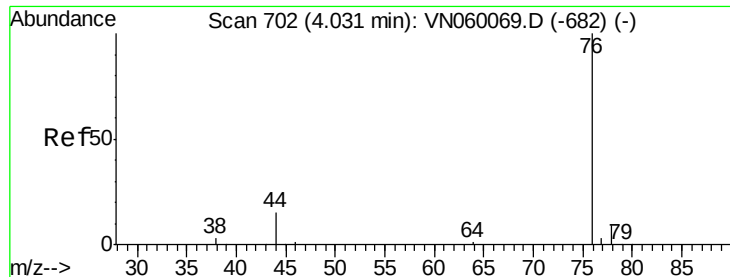
Tgt Ion: 43 Resp: 99113

Ion Ratio Lower Upper

43 100

58 29.9 25.2 37.8

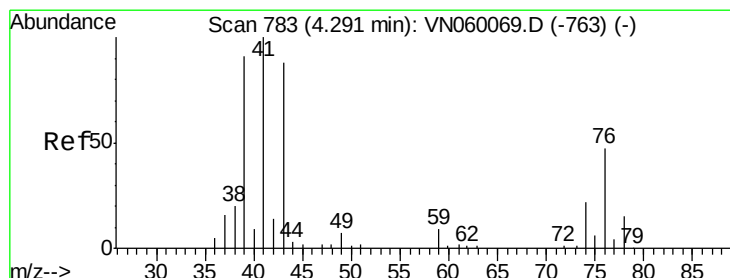
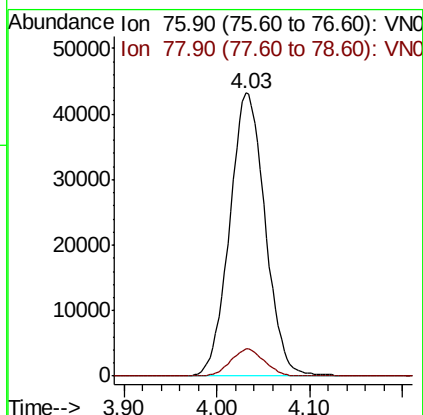
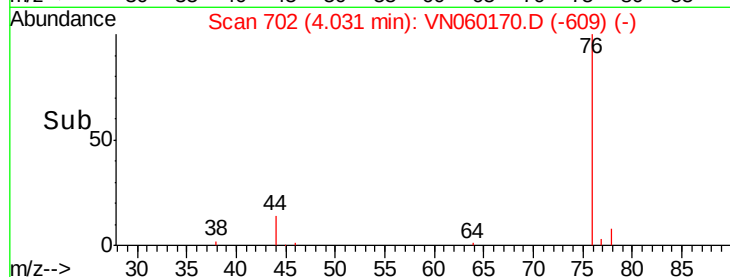
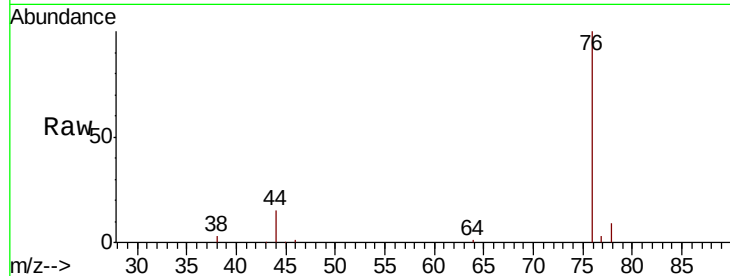




#17
Carbon Disulfide
Concen: 18.241 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

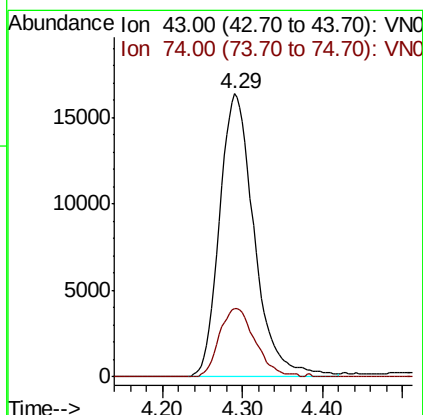
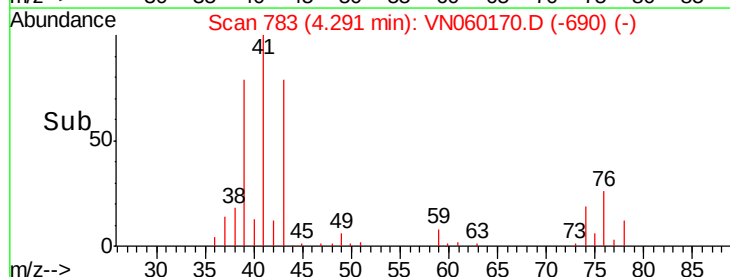
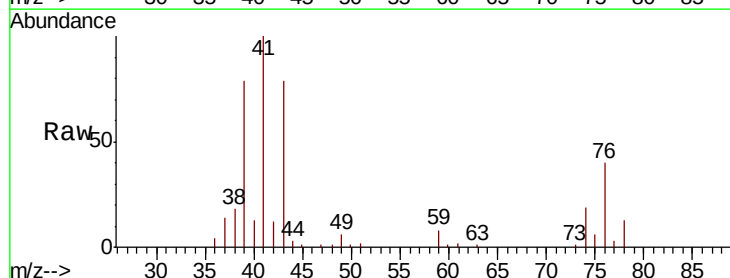
Instrument :
MSVOA_N
ClientSampleId :

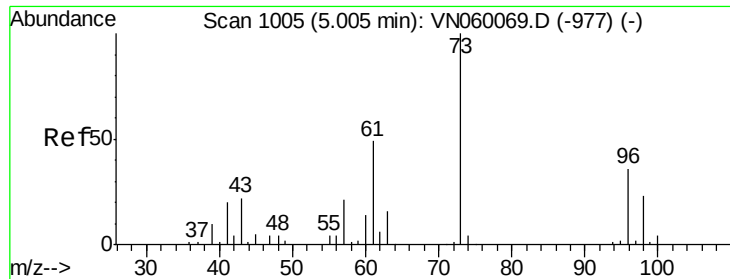
Tot Ion: 76 Resp: 114917
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 22.153 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion: 43 Resp: 48831
Ion Ratio Lower Upper
43 100
74 24.7 20.3 30.5

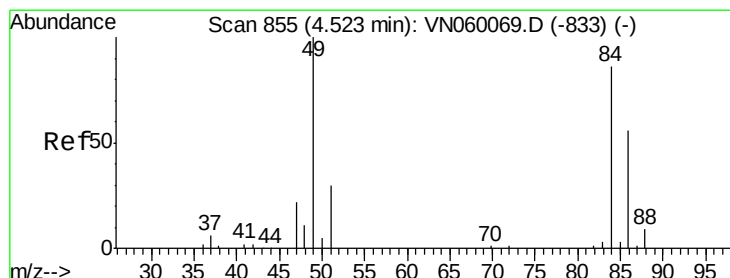
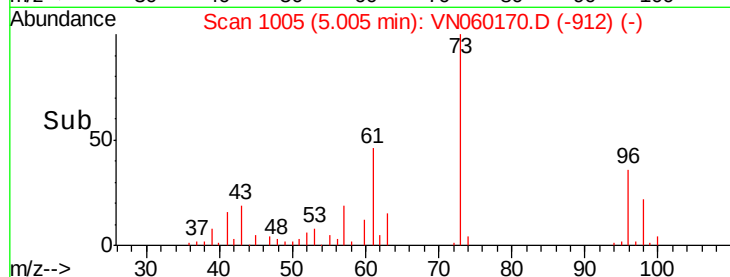
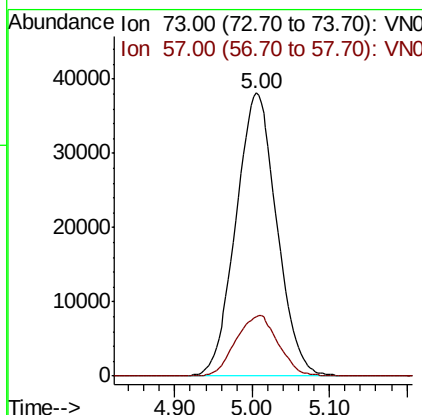
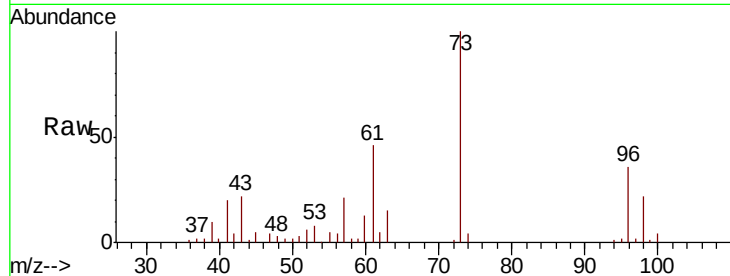




#19
Methvl tert-butyl Ether
Concen: 19.962 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

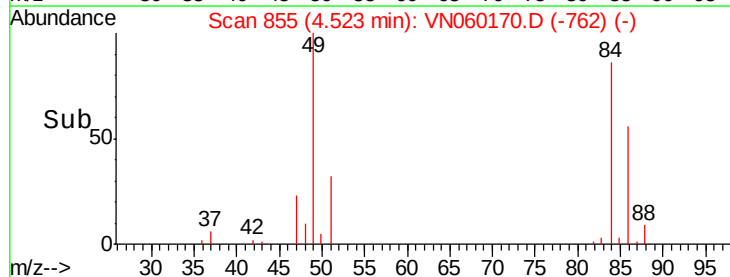
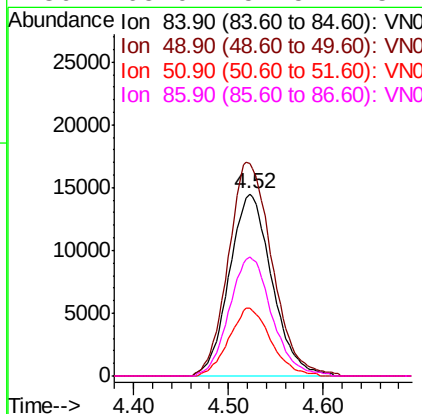
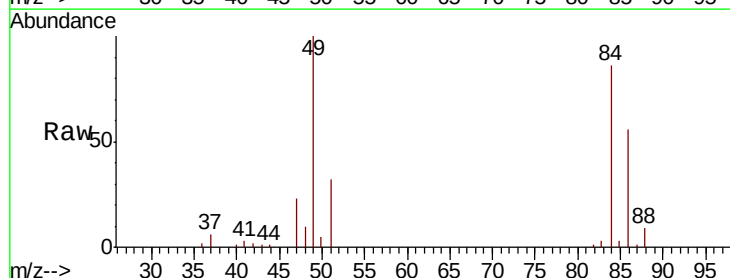
Instrument :
MSVOA_N
ClientSampled :

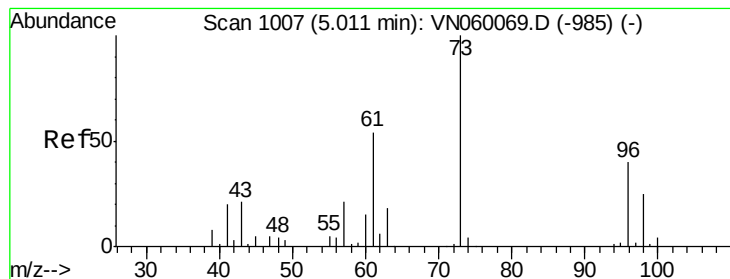
Tot Ion: 73 Resp: 140312
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8



#20
Methylene Chloride
Concen: 19.392 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion: 84 Resp: 45396
Ion Ratio Lower Upper
84 100
49 116.3 93.4 140.0
51 37.1 28.4 42.6
86 65.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.632 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :
MSVOA_N
ClientSampled :

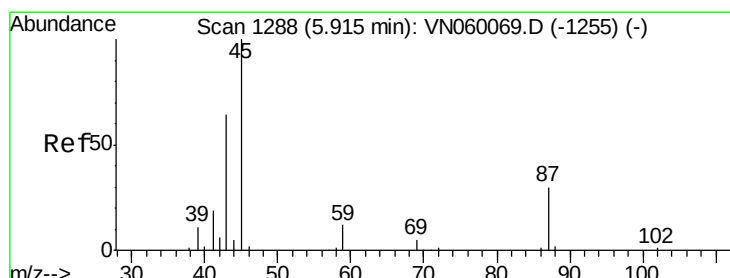
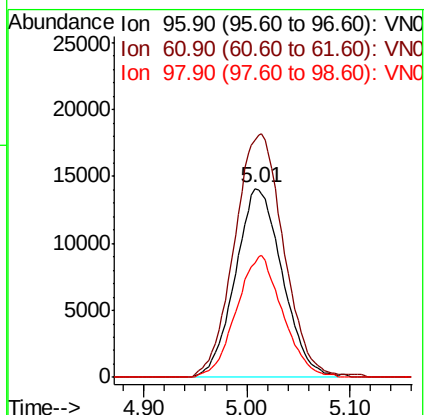
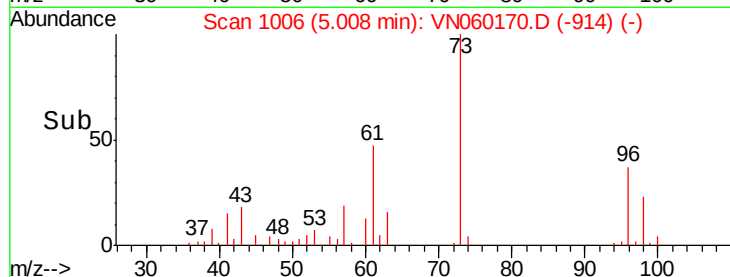
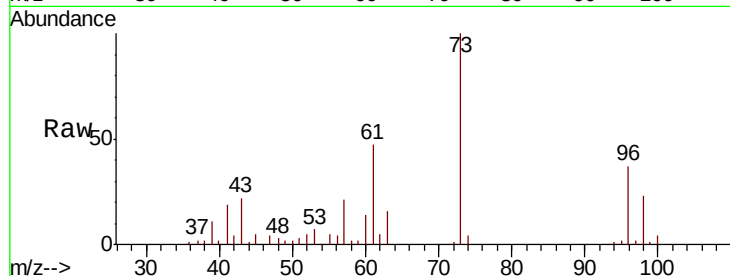
Tot Ion: 96 Resp: 44731

Ion Ratio Lower Upper

96 100

61 125.8 109.3 163.9

98 60.8 51.0 76.6



#22

Diisopropyl ether

Concen: 20.083 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Tgt Ion: 45 Resp: 135401

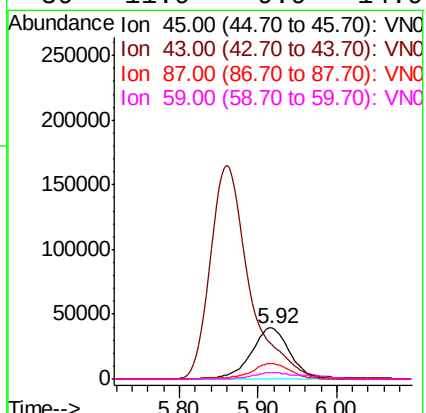
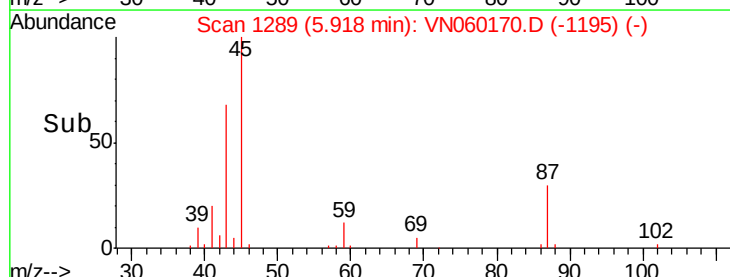
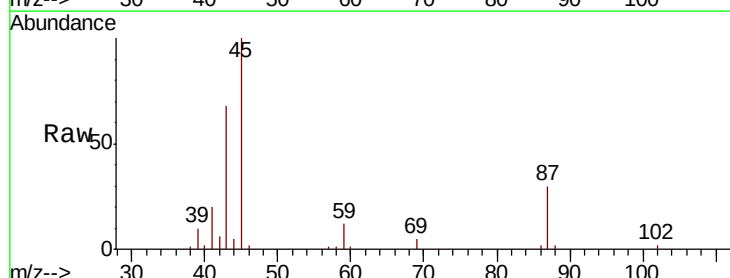
Ion Ratio Lower Upper

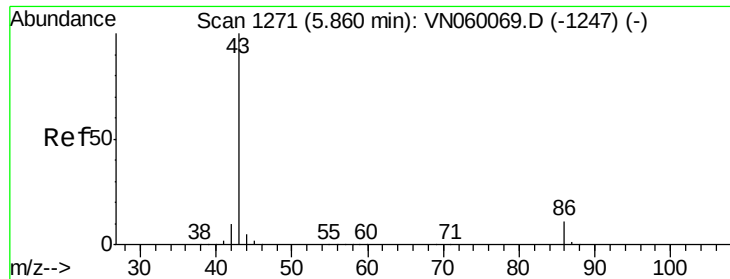
45 100

43 65.4 55.9 83.9

87 29.6 24.5 36.7

59 11.9 9.9 14.9





#23

Vinyl Acetate

Concen: 99.998 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

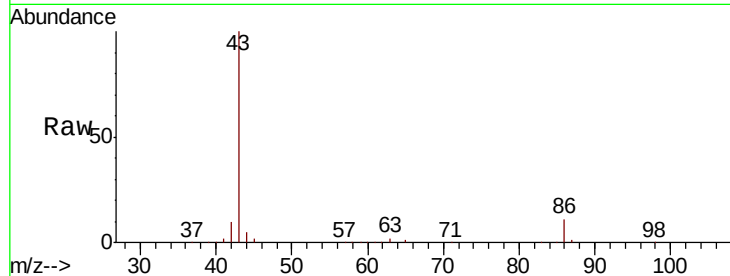
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 566177

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060170.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060170.D (-1178) (-)

5.86

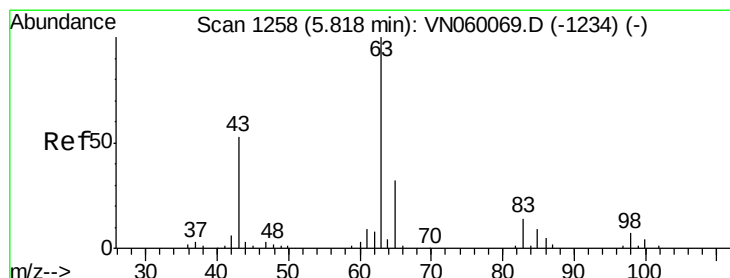
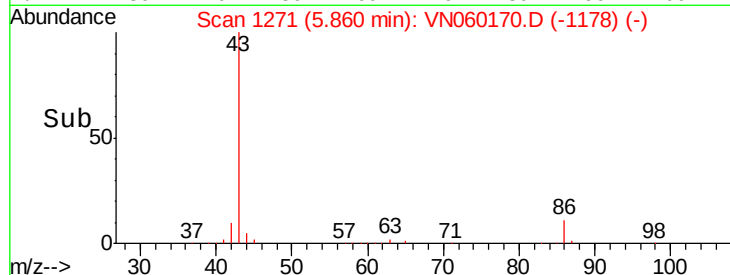
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.794 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

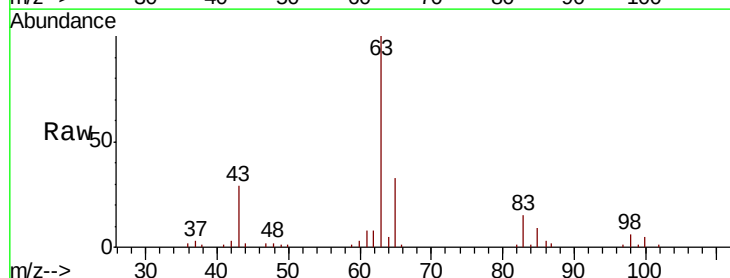
Tgt Ion: 63 Resp: 80845

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.8 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060170.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060170.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060170.D (-1165) (-)

5.82

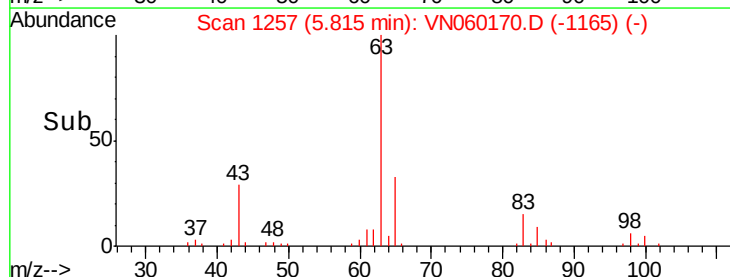
30000

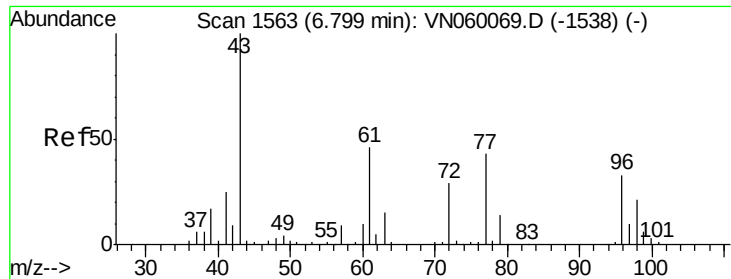
20000

10000

0

Time-->





#25

2-Butanone

Concen: 92.909 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

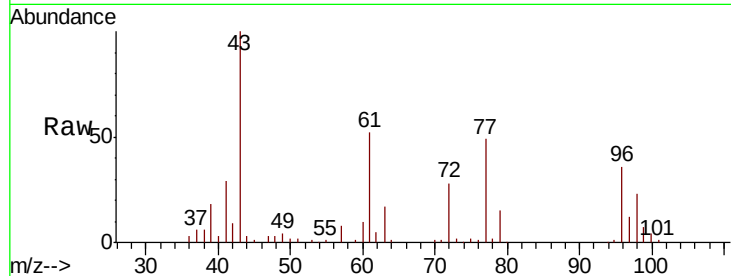
ClientSampleId :

Tot Ion: 43 Resp: 137111

Ion Ratio Lower Upper

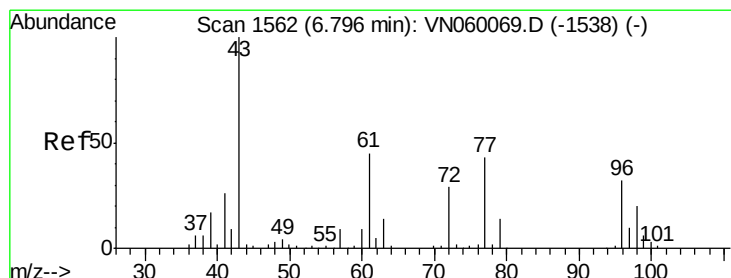
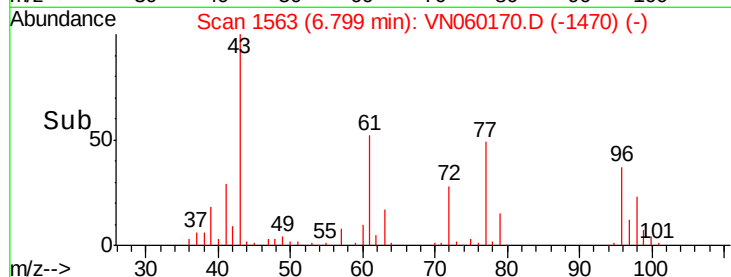
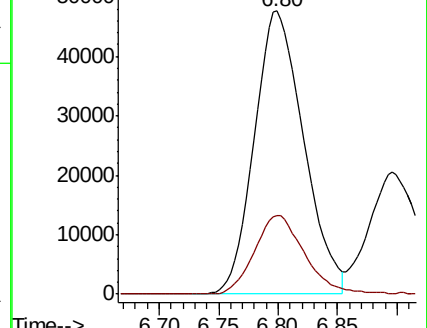
43 100

72 27.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN060170.D (-1470) (-)

Ion 72.00 (71.70 to 72.70): VN060170.D (-1470) (-)



#26

2,2-Dichloropropane

Concen: 19.089 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060170.D

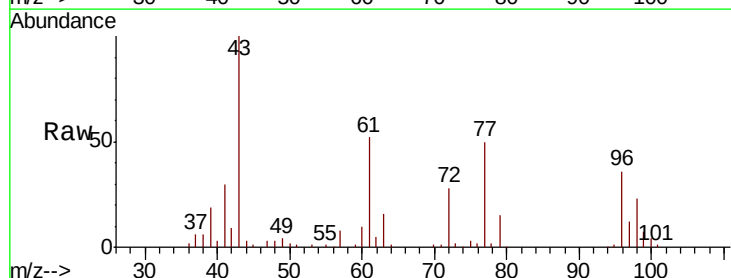
Acq: 20 Feb 2020 14:15

Tgt Ion: 77 Resp: 74053

Ion Ratio Lower Upper

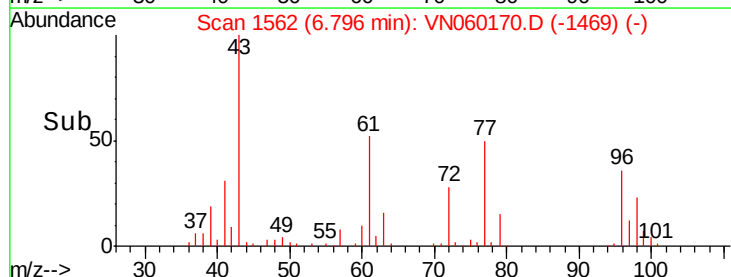
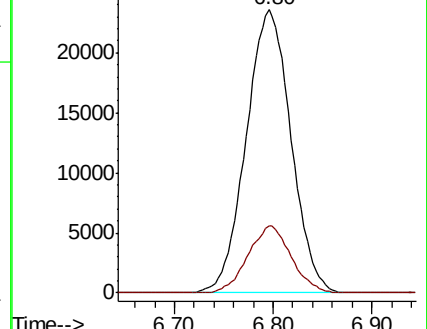
77 100

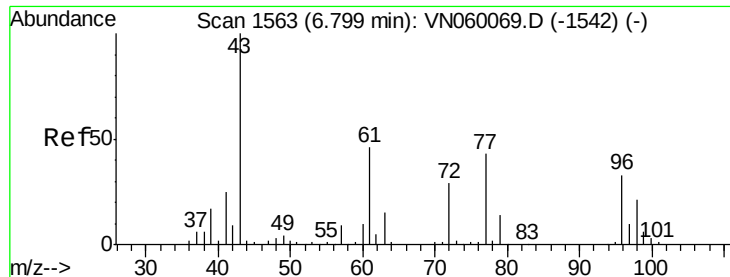
97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060170.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN060170.D (-1469) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.831 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :
MSVOA_N
ClientSampled :

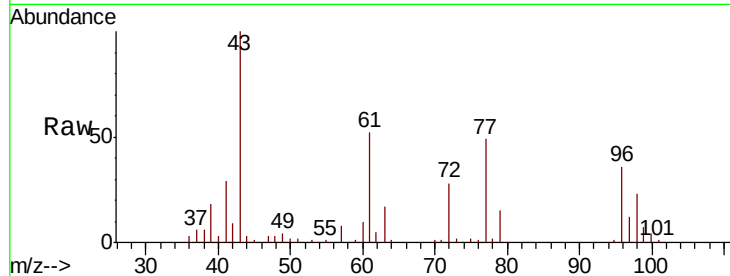
Tot Ion: 96 Resp: 50212

Ion Ratio Lower Upper

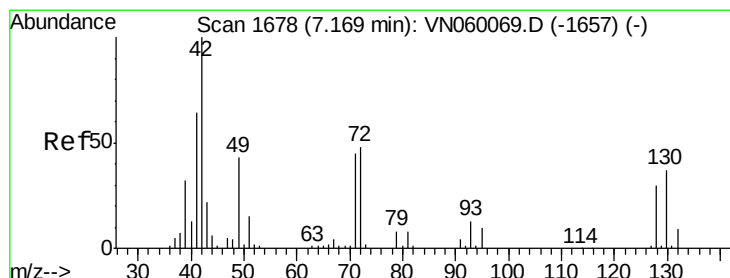
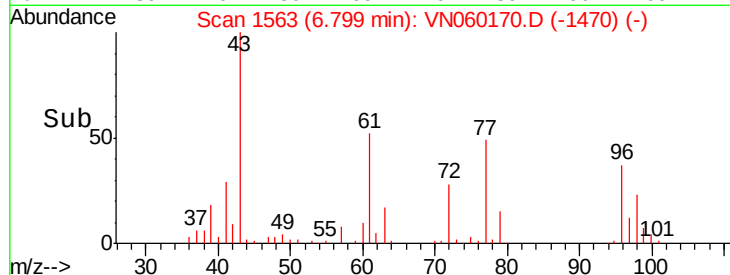
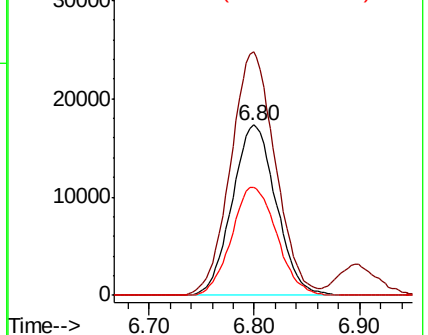
96 100

61 145.5 0.0 285.8

98 65.0 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: 20.595 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

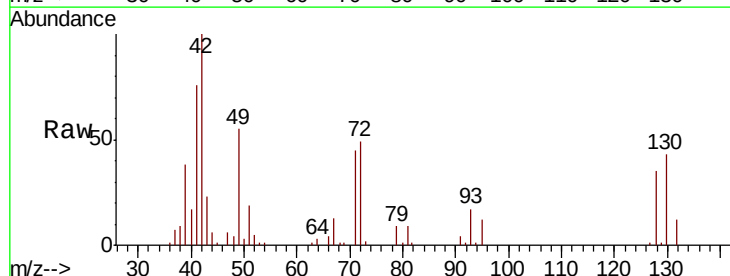
Tgt Ion: 49 Resp: 33069

Ion Ratio Lower Upper

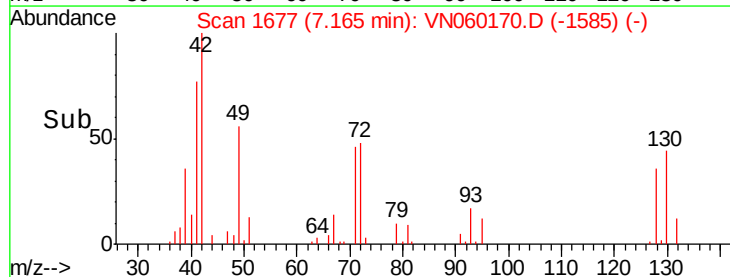
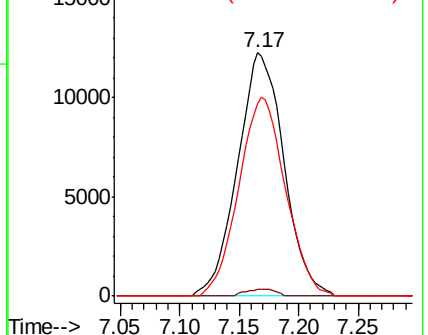
49 100

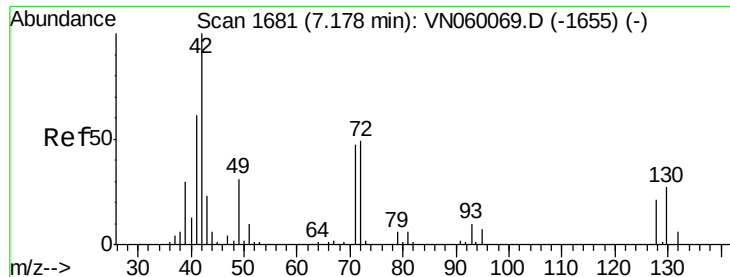
129 1.8 0.0 2.2

130 82.1 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

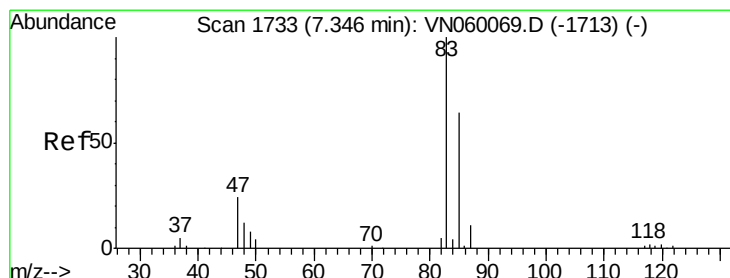
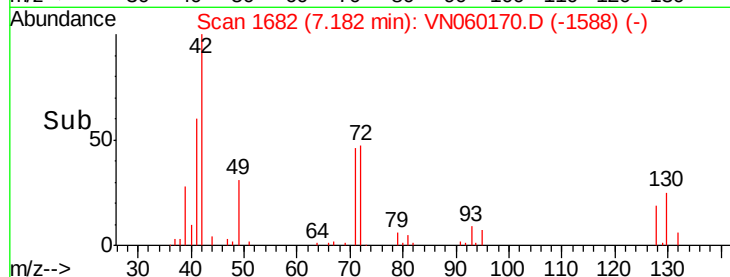
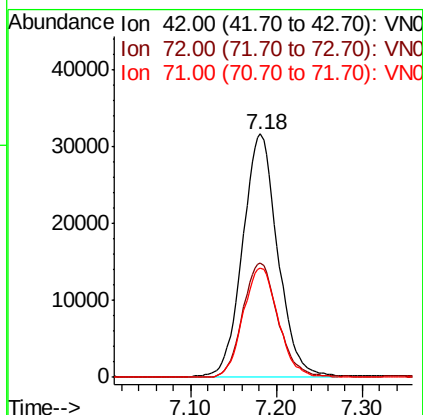
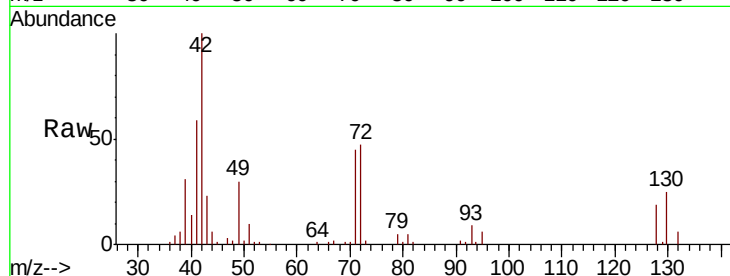




#29
Tetrahydrofuran
Concen: 99.687 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

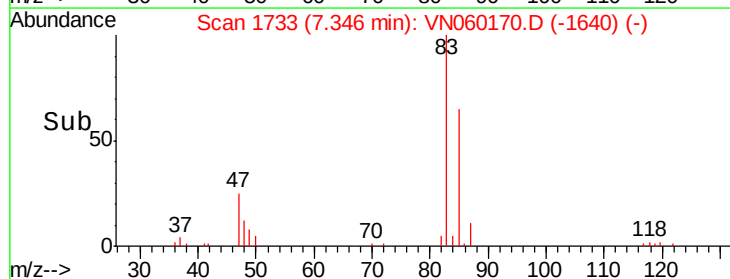
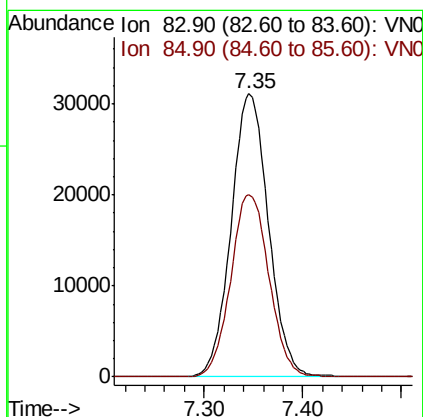
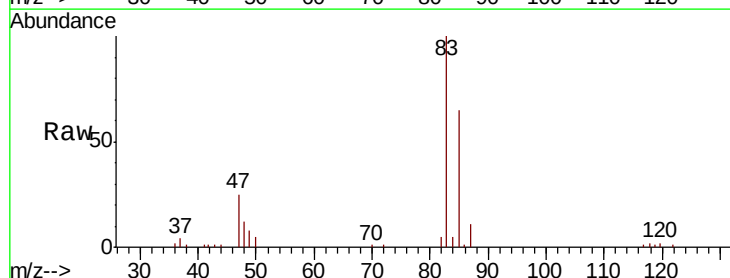
Instrument :
MSVOA_N
ClientSampled :

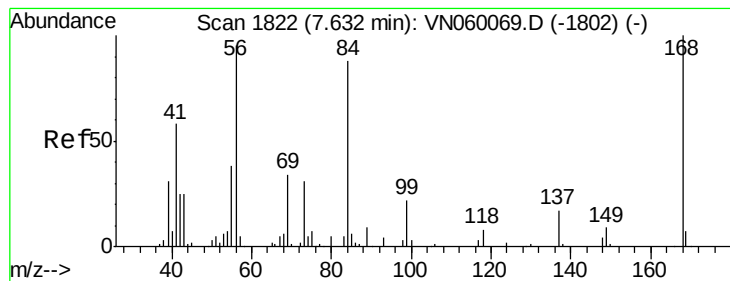
Tot Ion: 42 Resp: 90251
Ion Ratio Lower Upper
42 100
72 46.7 38.2 57.4
71 44.5 36.6 54.8



#30
Chloroform
Concen: 19.112 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion: 83 Resp: 81768
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0





#31

Cyclohexane

Concen: 19.301 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

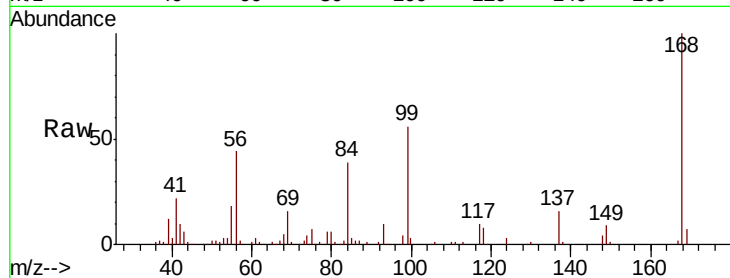
Tot Ion: 56 Resp: 73434

Ion Ratio Lower Upper

56 100

69 37.4 28.3 42.5

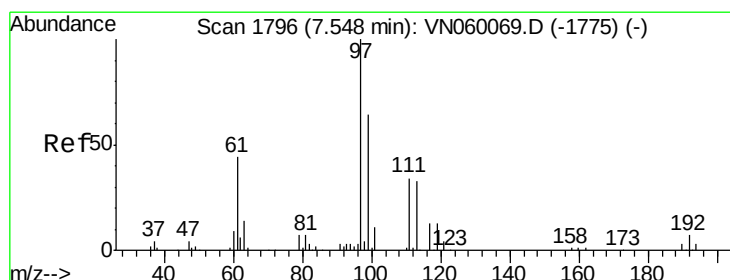
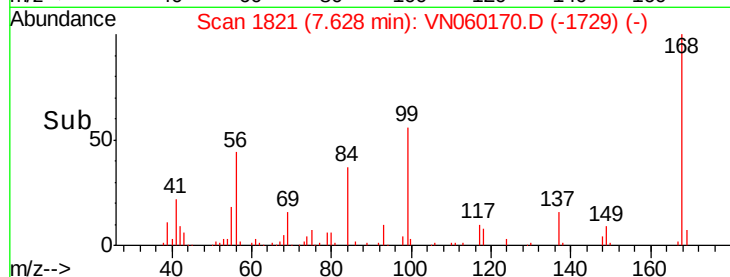
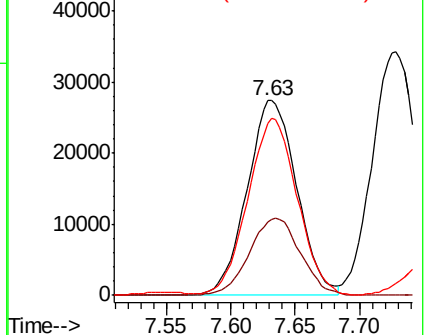
84 87.5 72.6 108.8



Abundance Ion 56.00 (55.70 to 56.70): VN060170.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060170.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060170.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 19.254 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

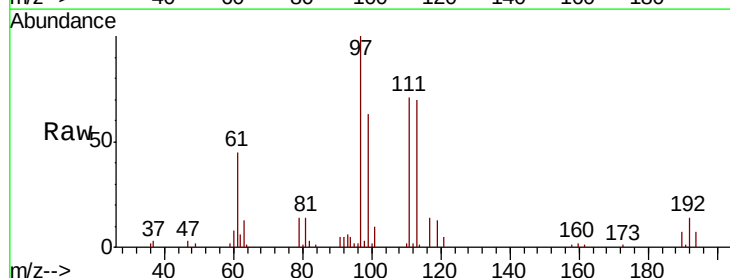
Tgt Ion: 97 Resp: 75277

Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.0

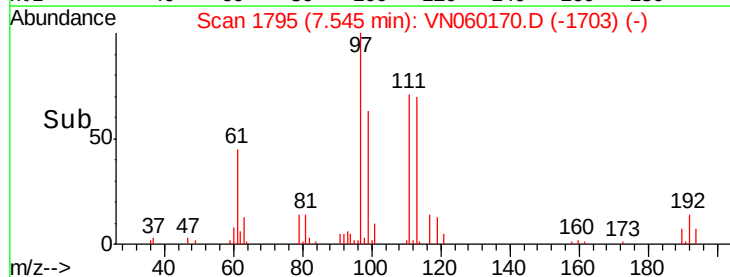
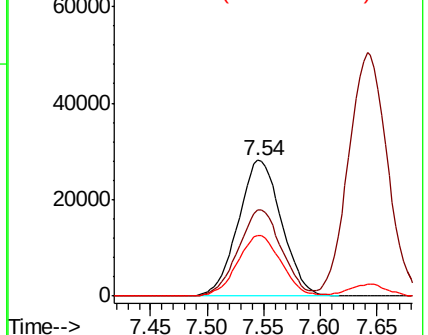
61 44.6 34.9 52.3

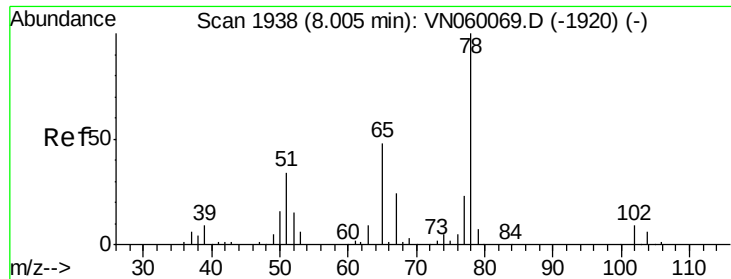


Abundance Ion 96.90 (96.60 to 97.60): VN060170.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060170.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060170.D (-1703) (-)

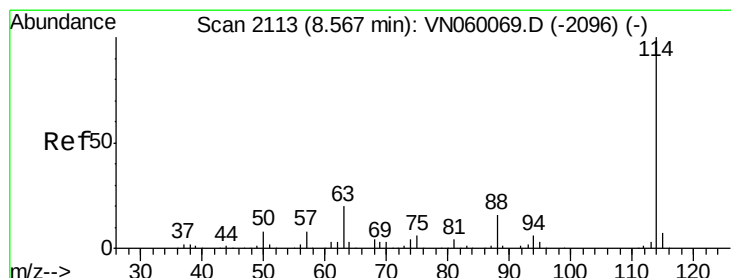
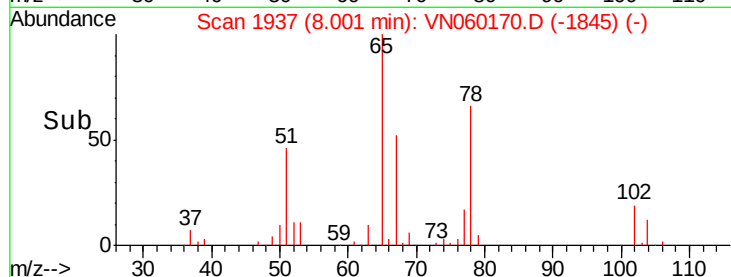
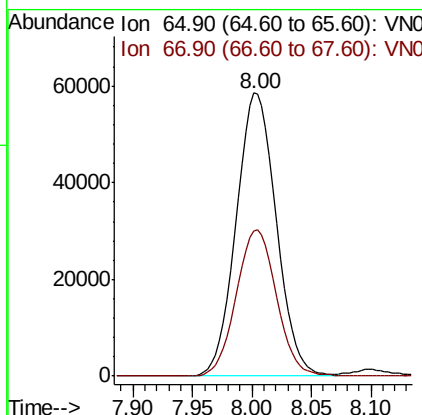
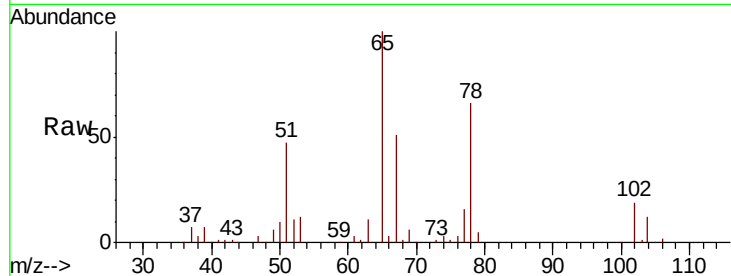




#33
 1,2-Dichloroethane-d4
 Concen: 50.882 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

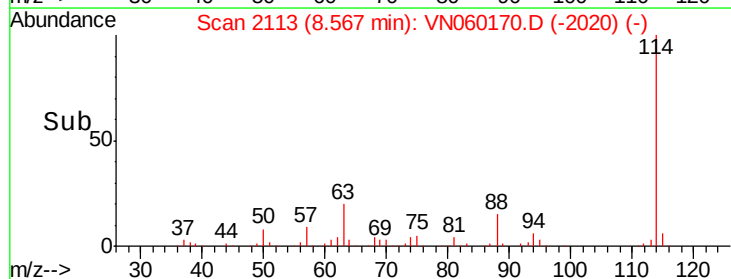
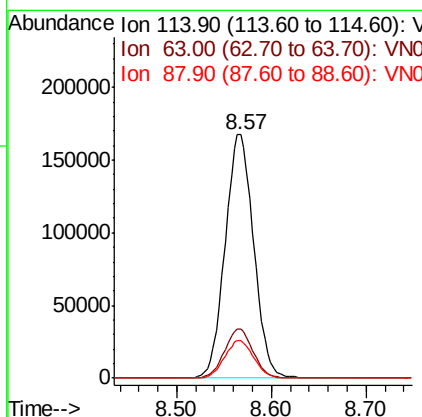
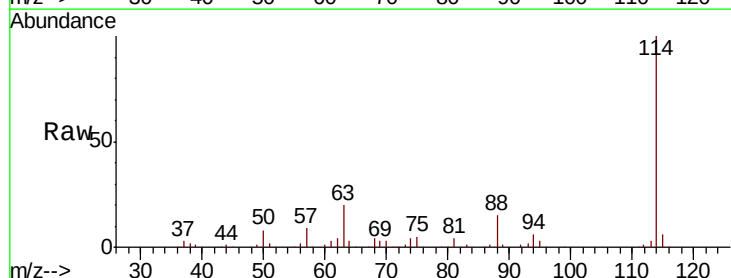
Instrument :
 MSVOA_N
 ClientSampleId :

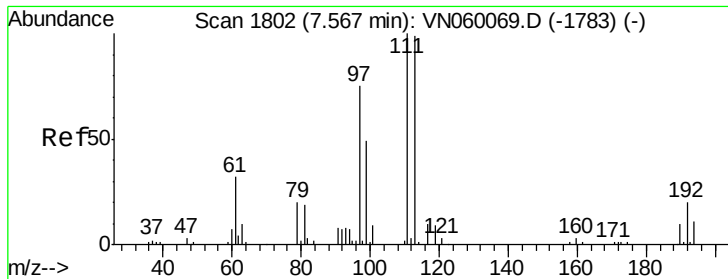
Tot Ion: 65 Resp: 136877
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion: 114 Resp: 351321
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.3 0.0 31.6

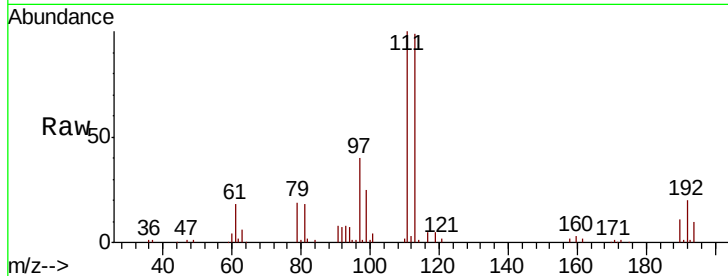




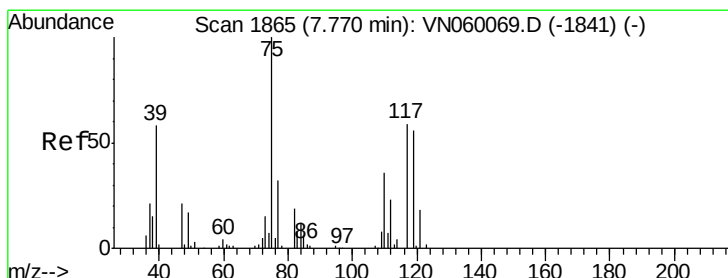
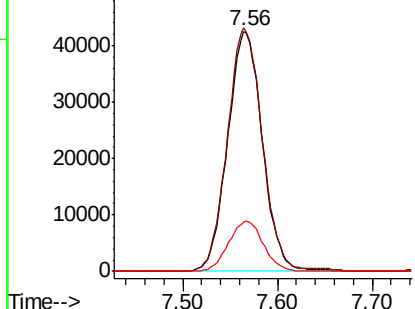
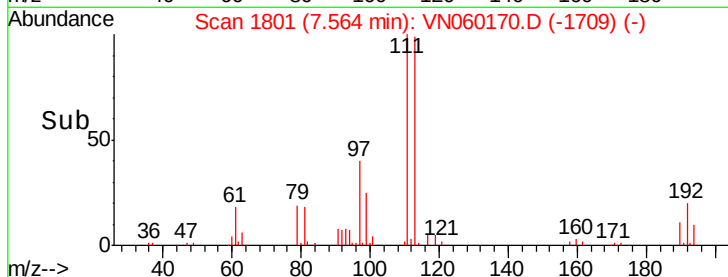
#35
 Dibromofluoromethane
 Concen: 50.134 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 108268
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 20.9 16.2 24.2

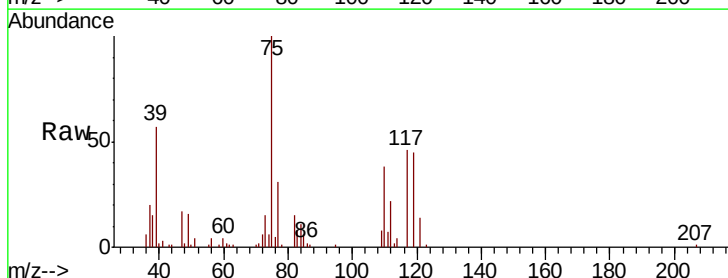


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

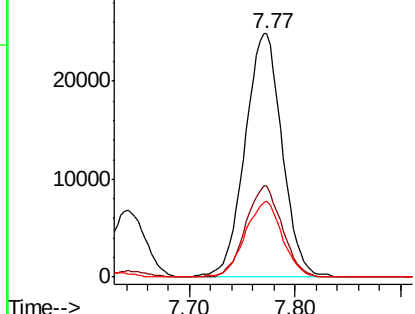
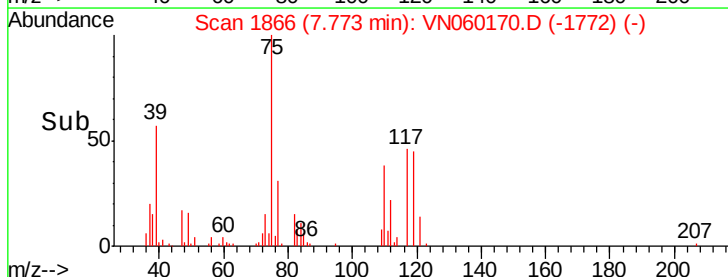


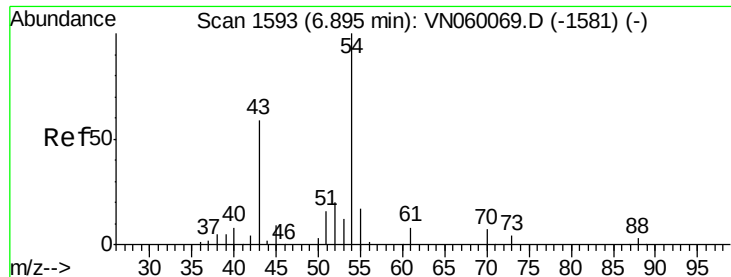
#36
 1,1-Dichloropropene
 Concen: 18.716 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion: 75 Resp: 60904
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.1 54.3
 77 31.1 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

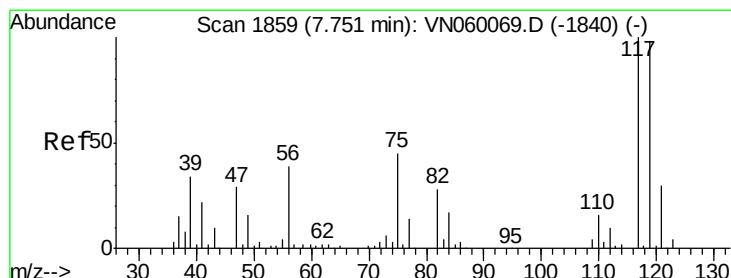
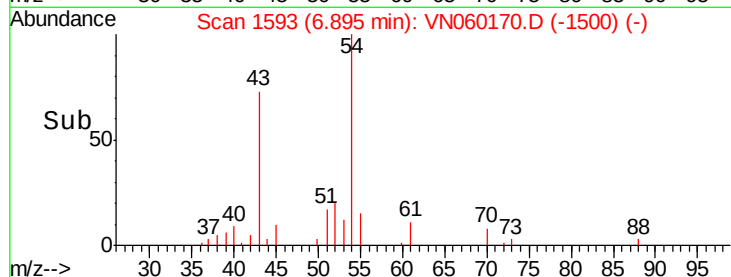
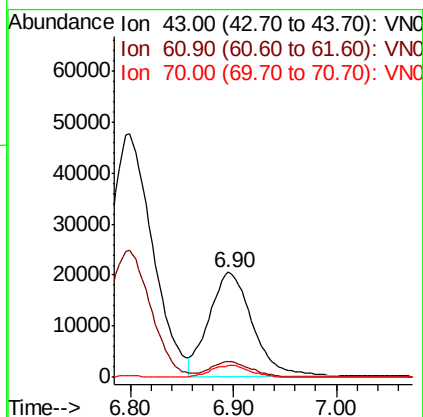
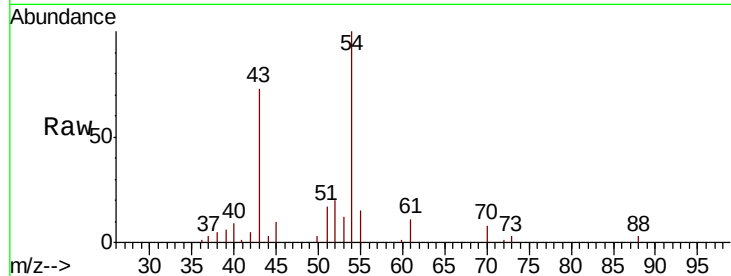




#37
Ethyl Acetate
Concen: 20.257 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

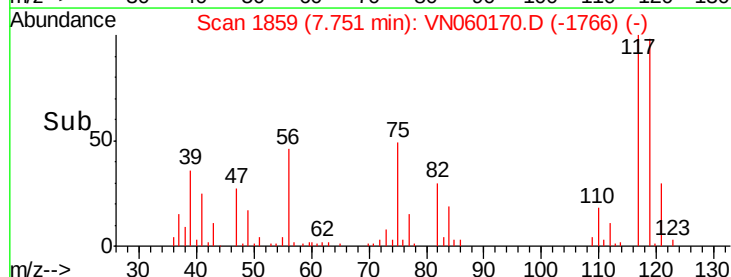
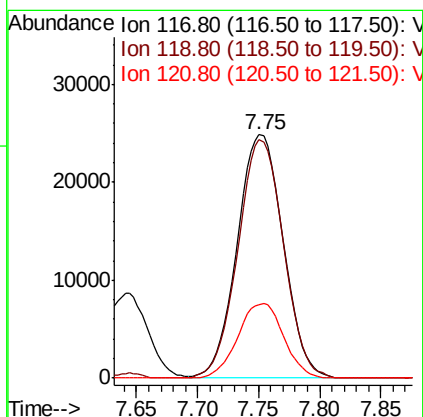
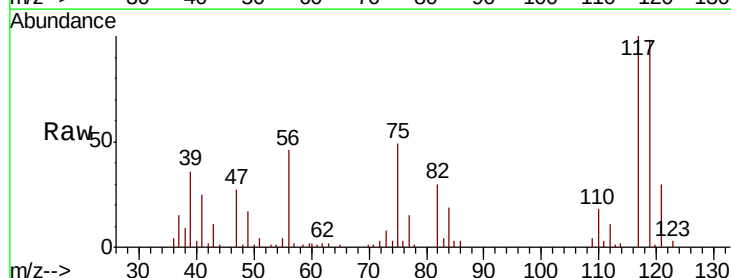
Instrument :
MSVOA_N
ClientSampled :

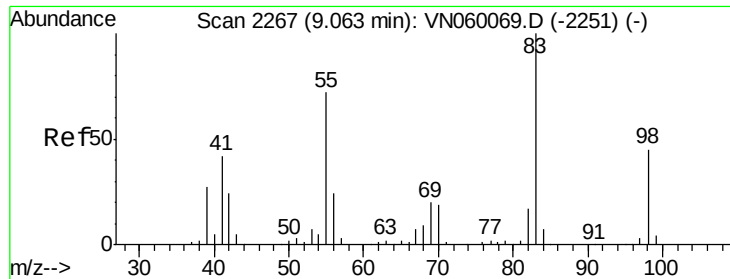
Tot Ion: 43 Resp: 59574
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.2
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.412 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion: 117 Resp: 65071
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.4
121 30.3 24.2 36.2

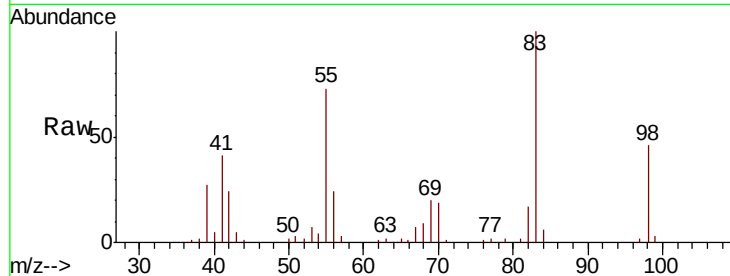




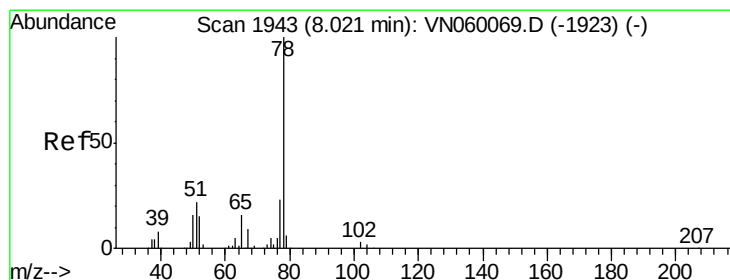
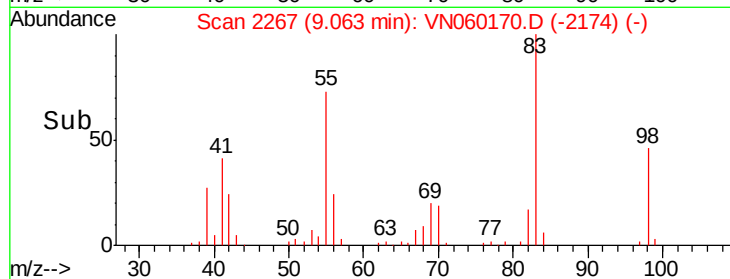
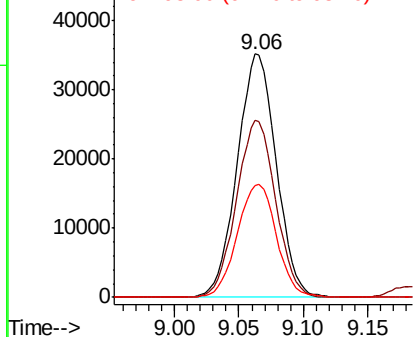
#39
Methylvlcyclohexane
Concen: 18.324 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 74016
Ion Ratio Lower Upper
83 100
55 72.9 57.8 86.8
98 46.1 36.4 54.6

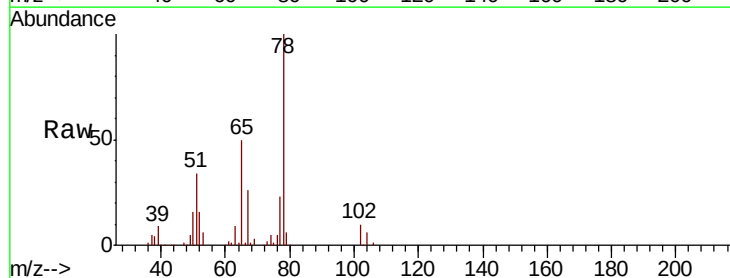


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

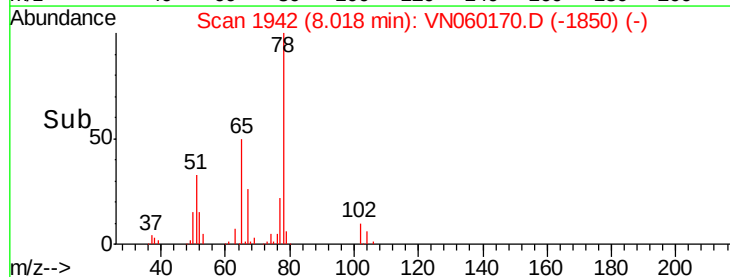
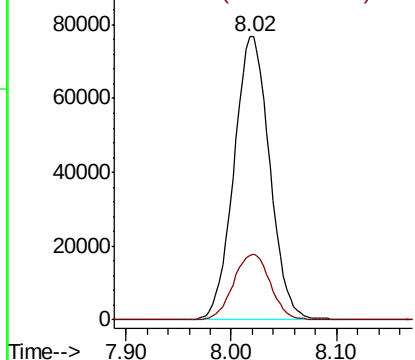


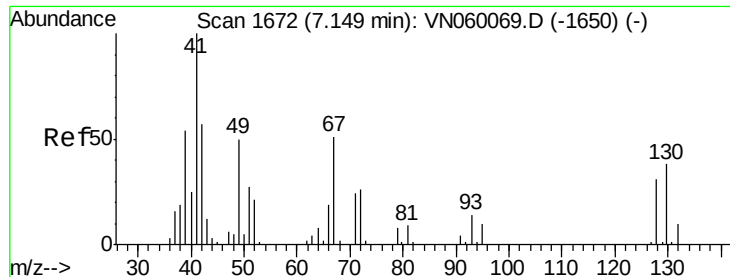
#40
Benzene
Concen: 18.733 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion: 78 Resp: 180826
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 67.327 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.03 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

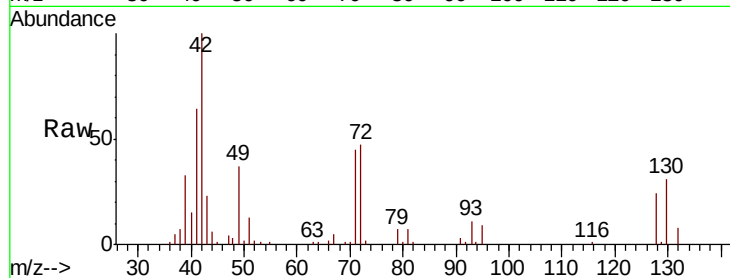
MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 83038

Ion Ratio Lower Upper

41	100		
39	52.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

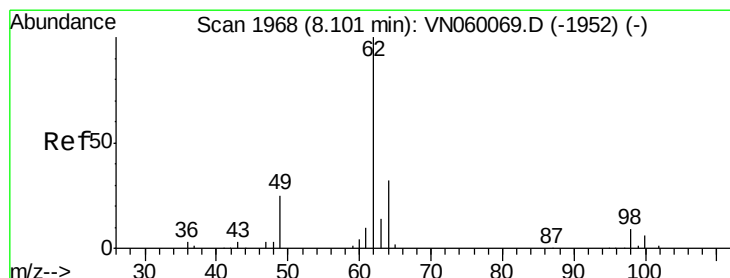
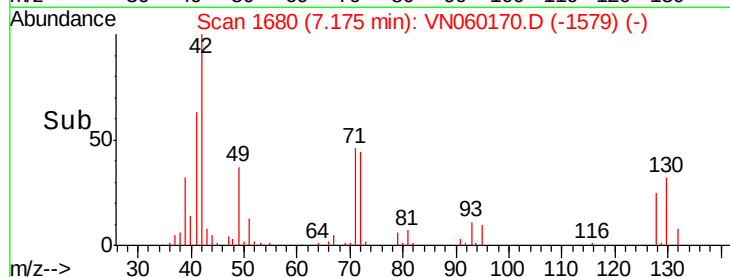
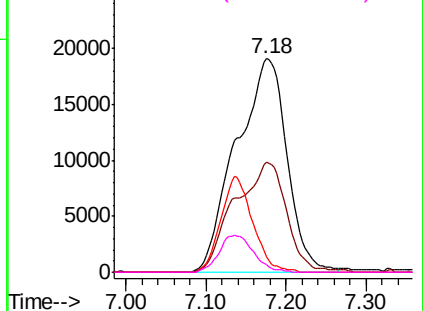


Abundance Ion 41.00 (40.70 to 41.70): VN060170.D (-1650) (-)

Ion 39.00 (38.70 to 39.70): VN060170.D (-1650) (-)

Ion 67.00 (66.70 to 67.70): VN060170.D (-1650) (-)

Ion 52.00 (51.70 to 52.70): VN060170.D (-1650) (-)



#42

1,2-Dichloroethane

Concen: 19.233 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. 0.00 min

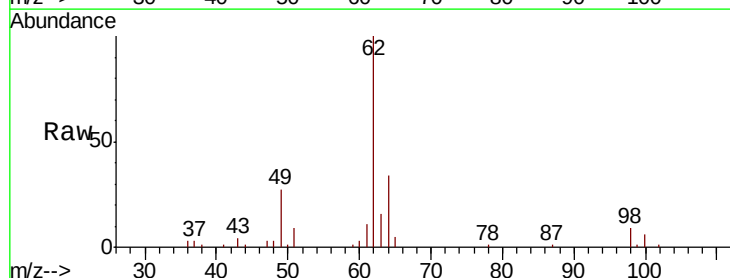
Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Tgt Ion: 62 Resp: 65067

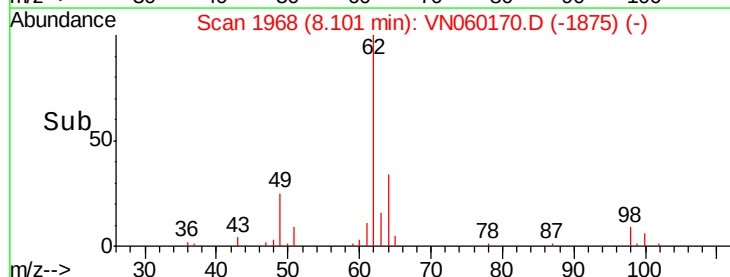
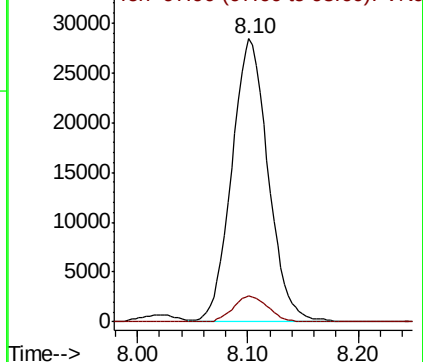
Ion Ratio Lower Upper

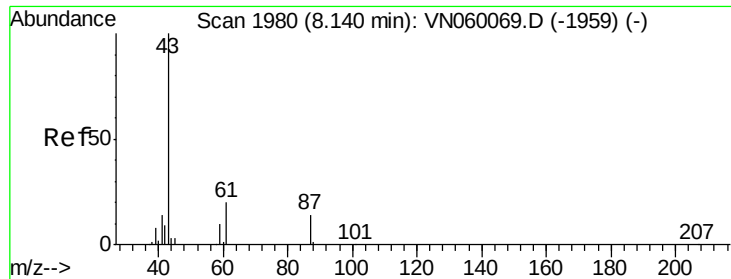
62	100		
98	8.6	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VN060170.D (-1875) (-)

Ion 97.90 (97.60 to 98.60): VN060170.D (-1875) (-)





#43

Isopropyl Acetate

Concen: 19.858 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

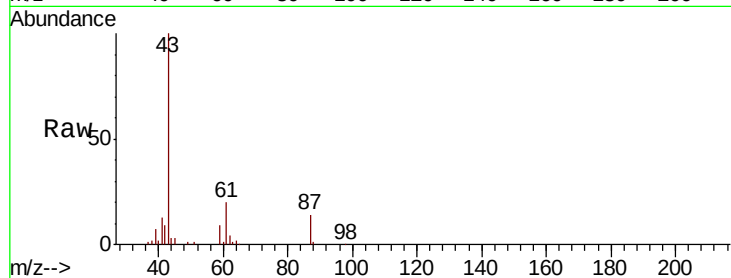
Tot Ion: 43 Resp: 99833

Ion Ratio Lower Upper

43 100

61 27.1 21.8 32.6

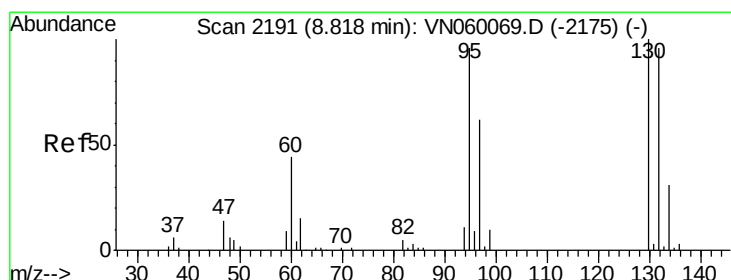
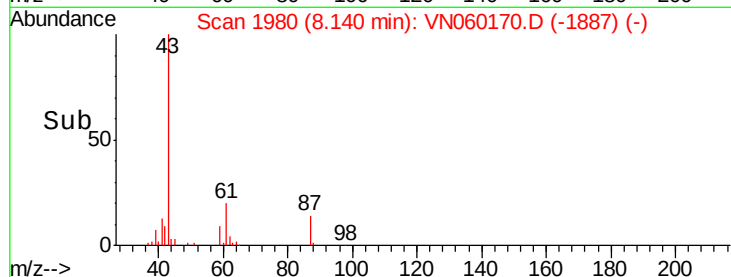
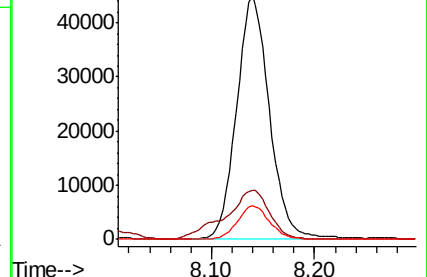
87 13.4 11.4 17.2



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

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

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



#44

Trichloroethene

Concen: 18.414 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060170.D

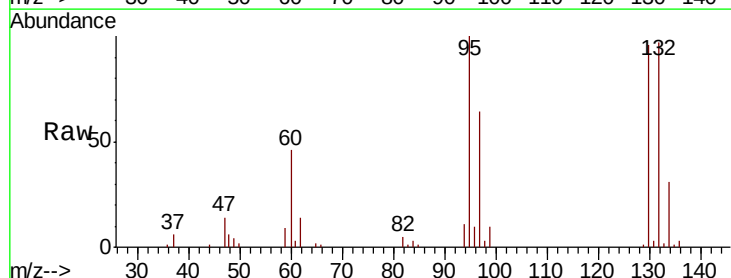
Acq: 20 Feb 2020 14:15

Tgt Ion: 130 Resp: 49216

Ion Ratio Lower Upper

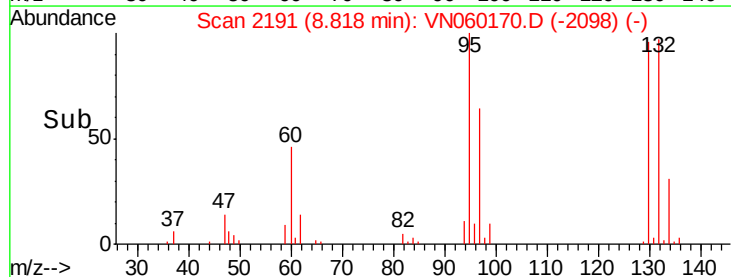
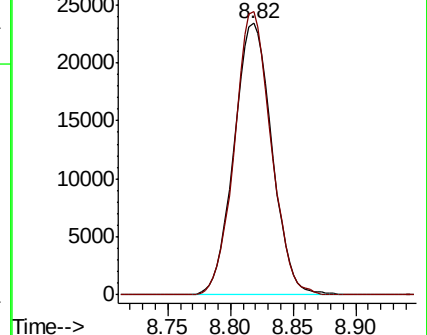
130 100

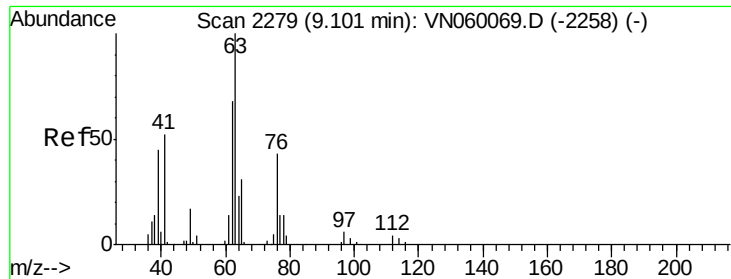
95 104.2 0.0 192.4



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

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





#45

1,2-Dichloropropane

Concen: 19.663 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

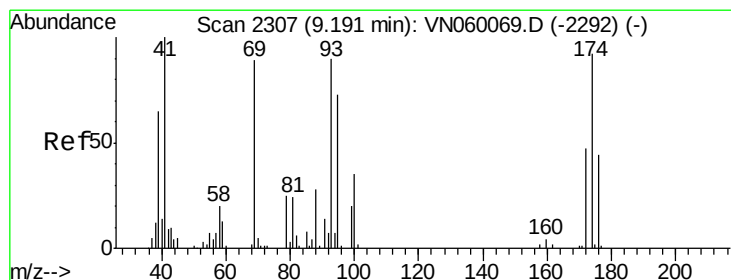
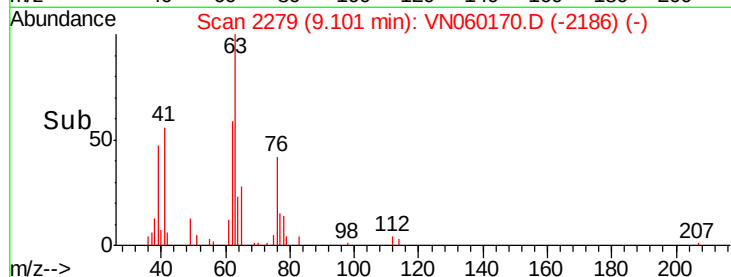
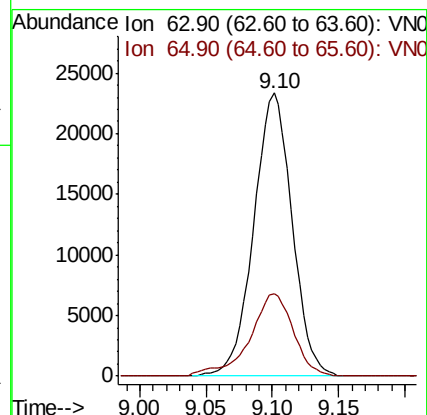
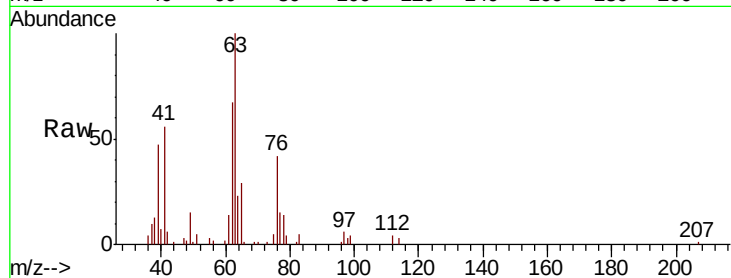
ClientSampled :

Tot Ion: 63 Resp: 46991

Ion Ratio Lower Upper

63 100

65 29.2 25.0 37.4



#46

Dibromomethane

Concen: 18.606 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

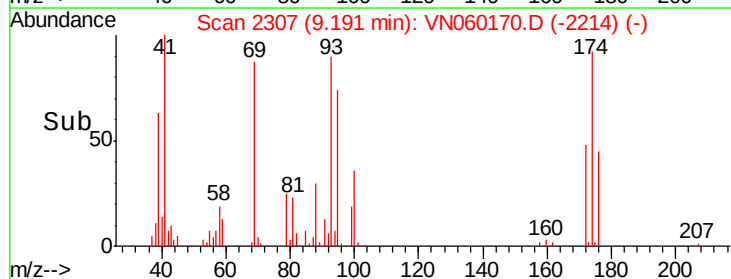
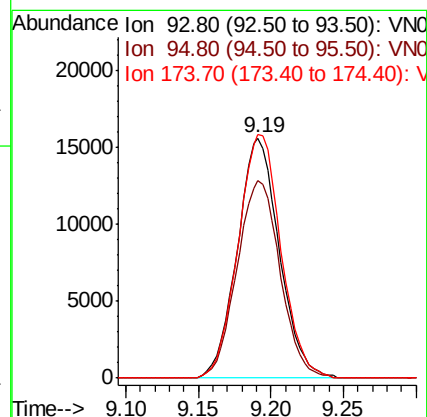
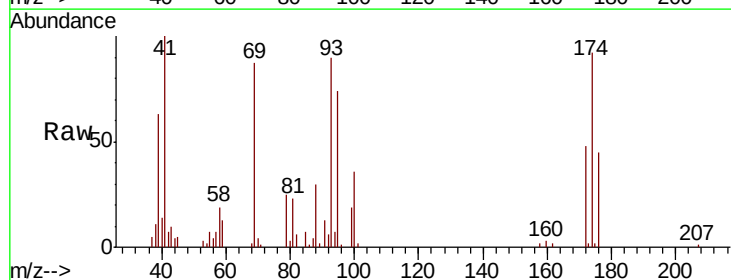
Tgt Ion: 93 Resp: 31422

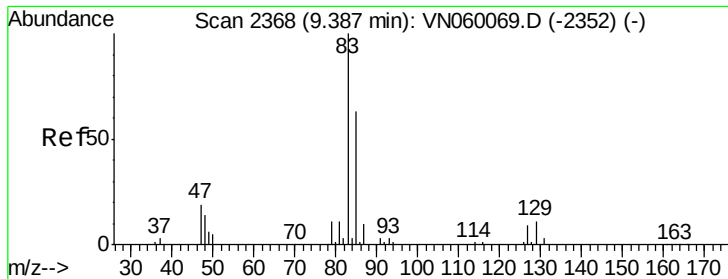
Ion Ratio Lower Upper

93 100

95 84.3 65.0 97.6

174 103.5 82.3 123.5





#47

Bromodichloromethane

Concen: 18.606 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

ClientSampled :

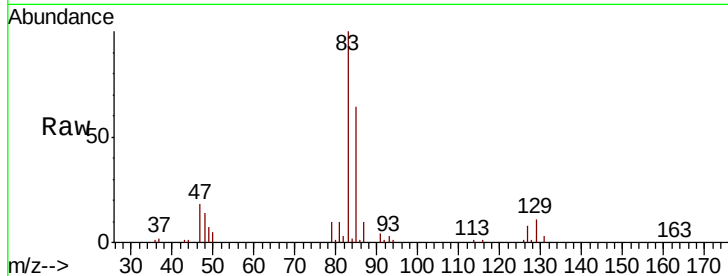
Tot Ion: 83 Resp: 63884

Ion Ratio Lower Upper

83 100

85 63.6 50.6 75.8

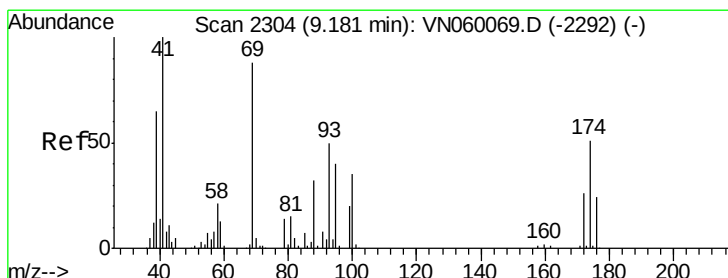
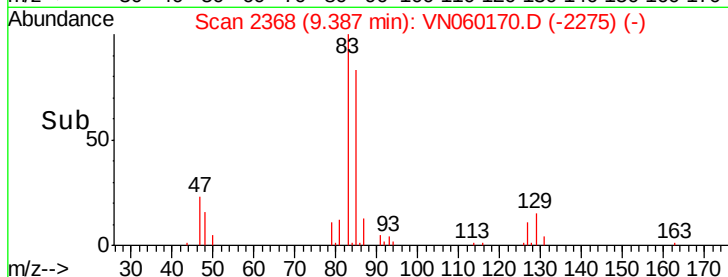
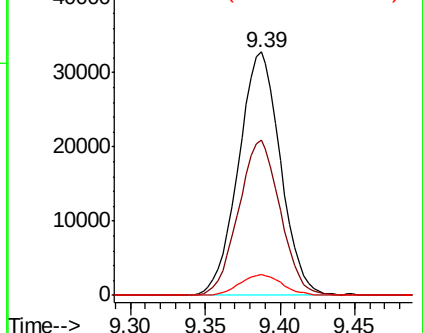
127 8.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN060170.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060170.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060170.D (-2275) (-)



#48

Methyl methacrylate

Concen: 18.426 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

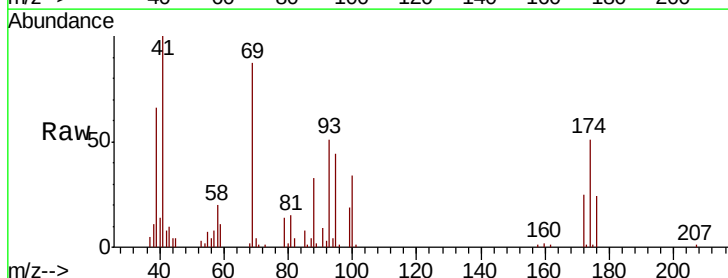
Tgt Ion: 41 Resp: 41562

Ion Ratio Lower Upper

41 100

69 90.6 72.0 108.0

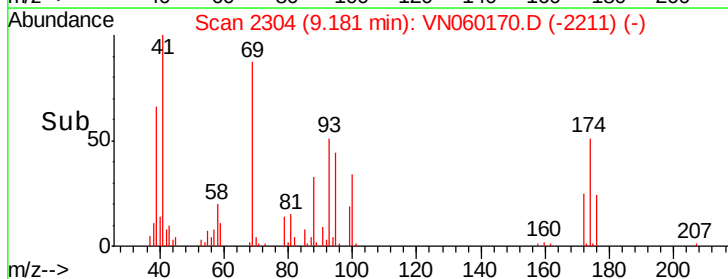
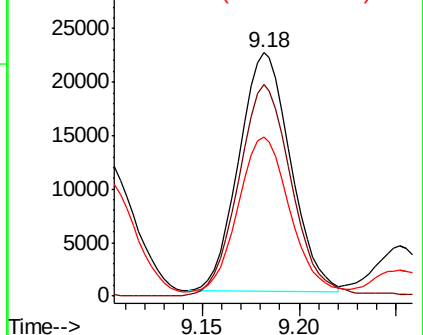
39 68.5 54.1 81.1

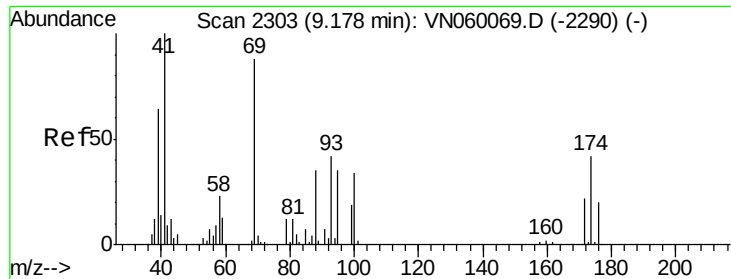


Abundance Ion 41.00 (40.70 to 41.70): VN060170.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060170.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060170.D (-2211) (-)

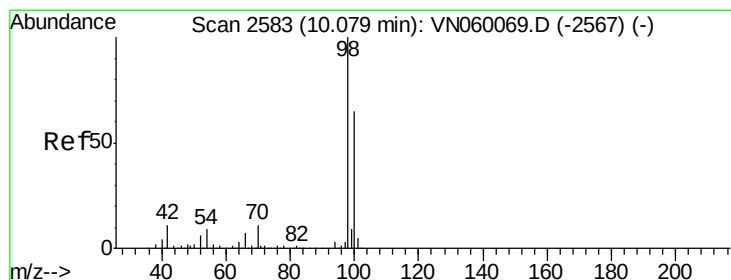
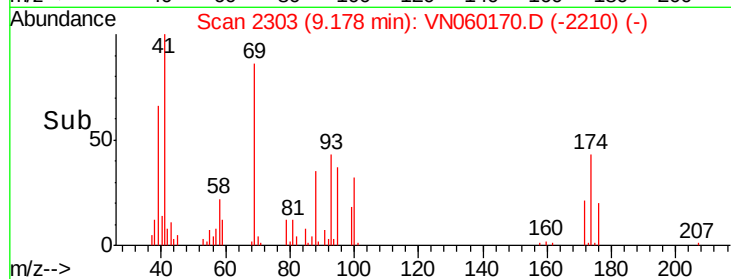
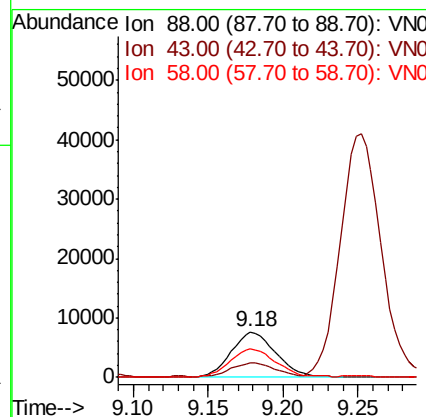
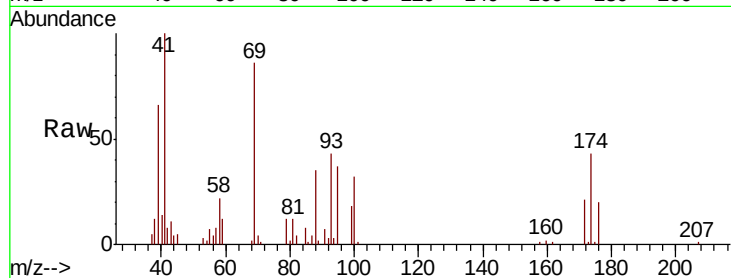




#49
1,4-Dioxane
Concen: 411.819 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

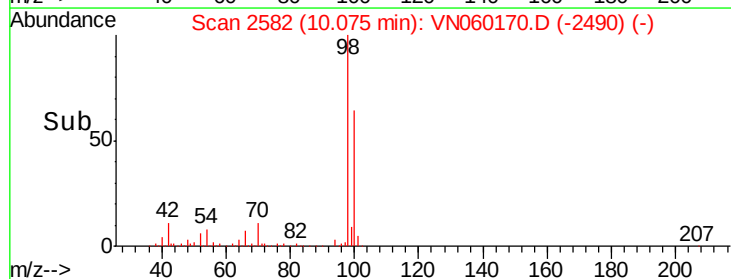
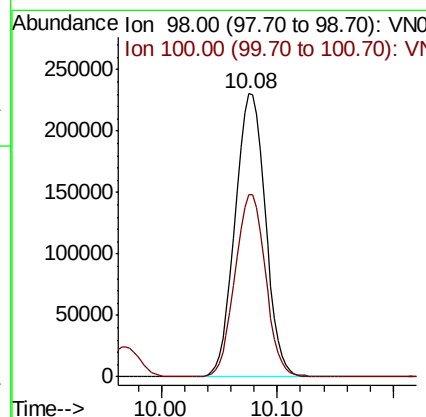
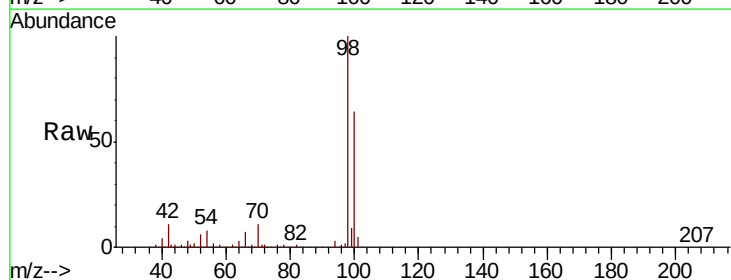
Instrument :
MSVOA_N
ClientSampleId :

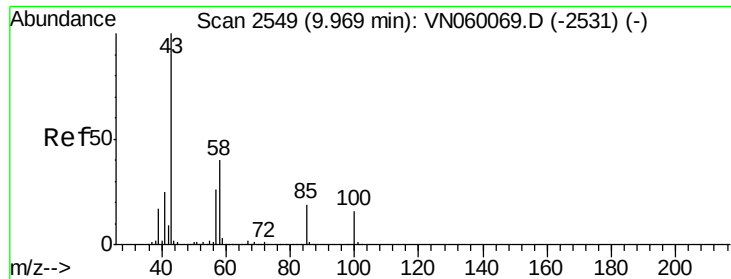
Tot Ion: 88 Resp: 15871
Ion Ratio Lower Upper
88 100
43 27.9 26.2 39.2
58 64.9 53.2 79.8



#50
Toluene-d8
Concen: 49.194 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion: 98 Resp: 418356
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

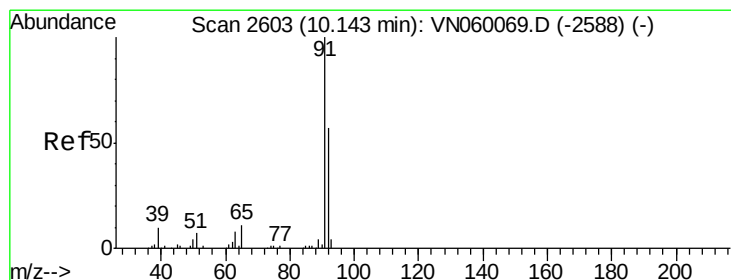
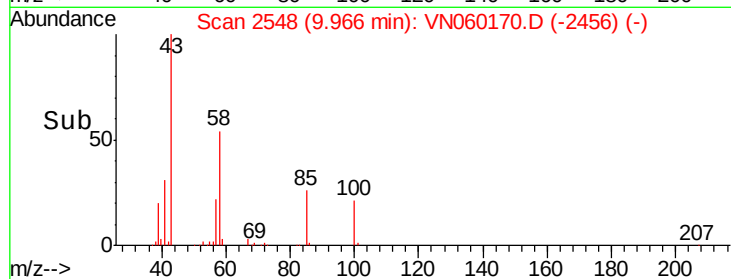
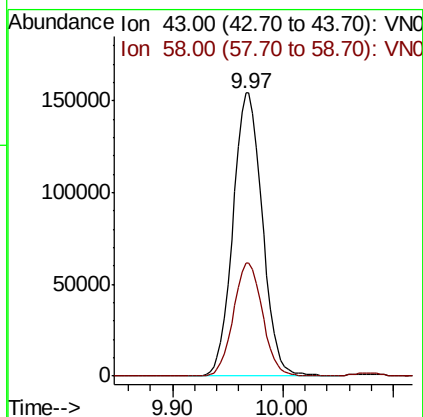
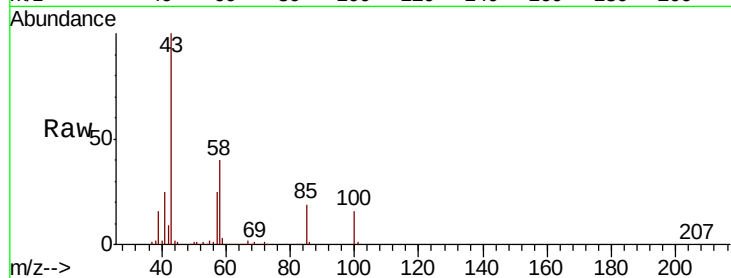




#51
 4-Methyl-2-Pentanone
 Concen: 97.959 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

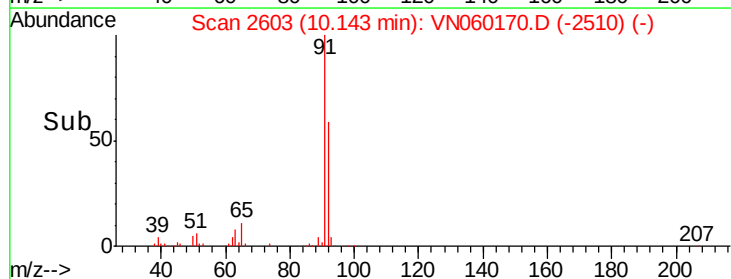
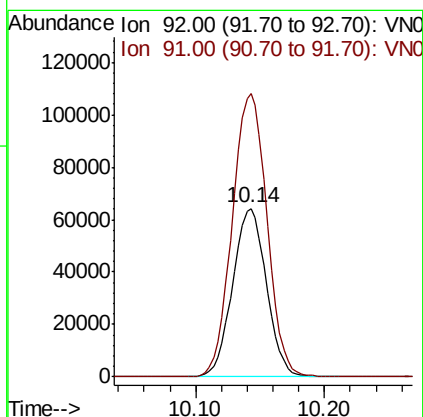
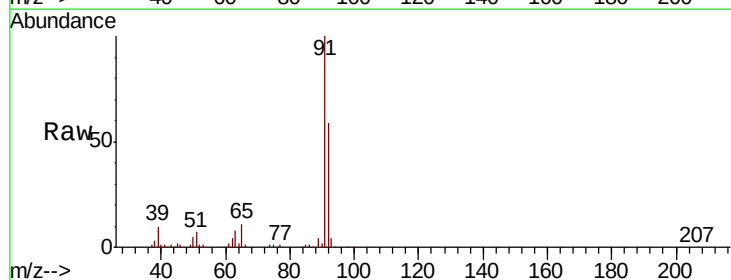
Instrument :
 MSVOA_N
 ClientSampleId :

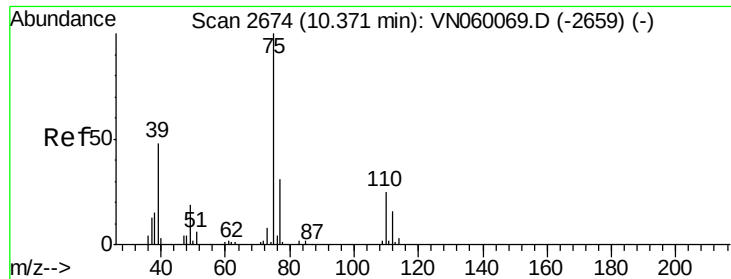
Tot Ion: 43 Resp: 285050
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.8 47.8



#52
 Toluene
 Concen: 18.892 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion: 92 Resp: 116943
 Ion Ratio Lower Upper
 92 100
 91 172.9 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 18.547 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

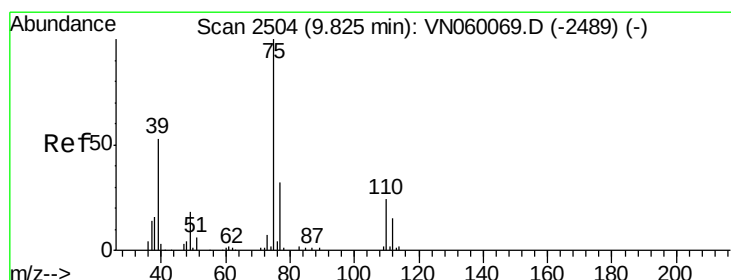
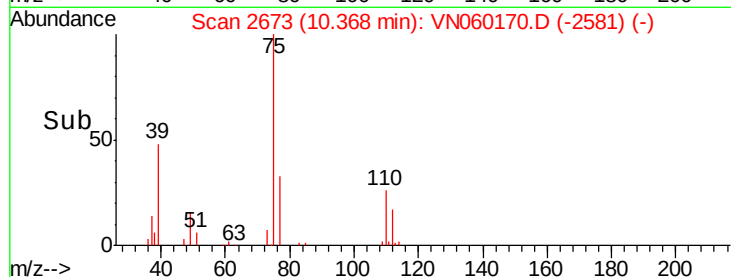
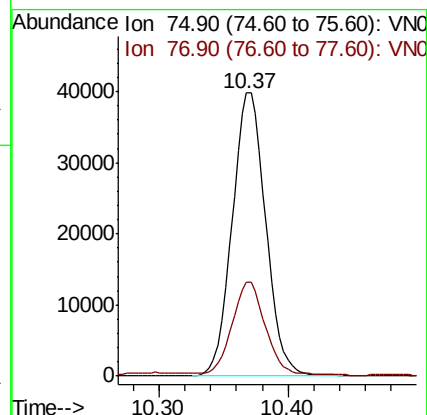
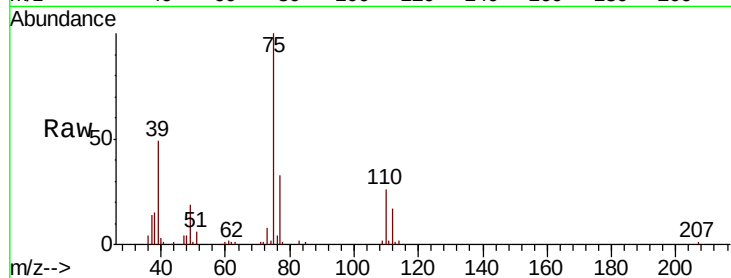
ClientSampled :

Tot Ion: 75 Resp: 71881

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.049 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

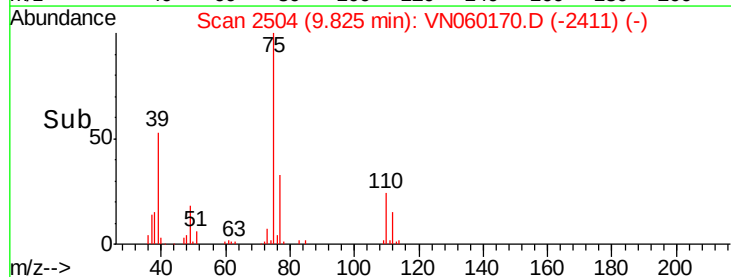
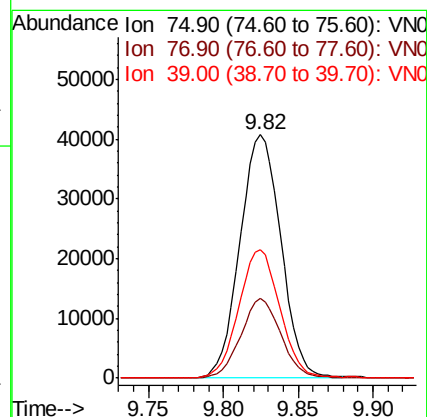
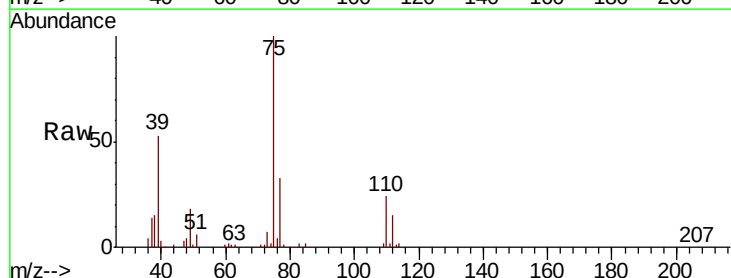
Tgt Ion: 75 Resp: 77739

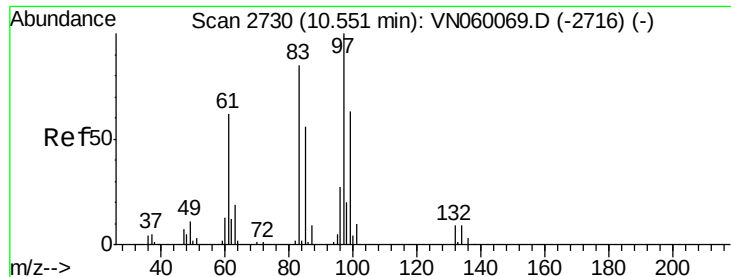
Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

39 52.9 42.2 63.4

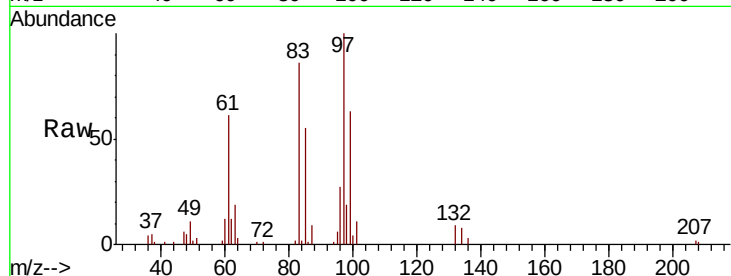




#55
 1,1,2-Trichloroethane
 Concen: 18.735 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.9	101.9
85	55.4	44.6	67.0
99	63.0	50.1	75.1



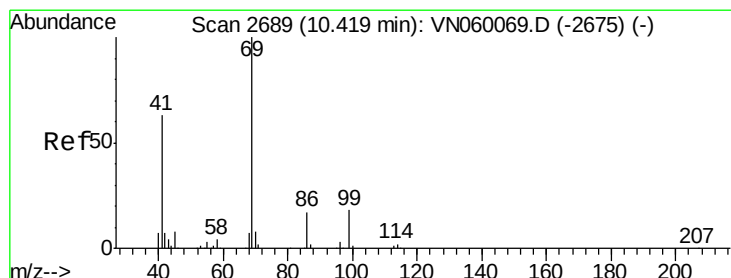
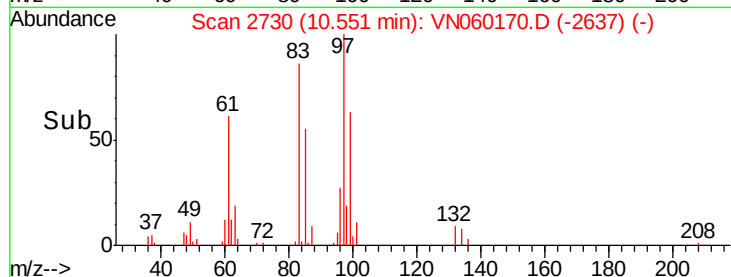
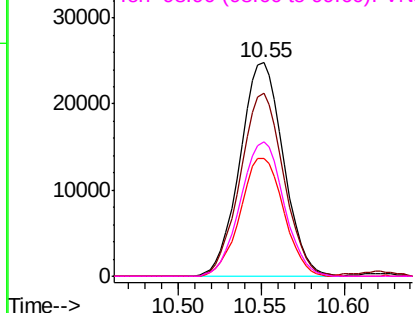
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

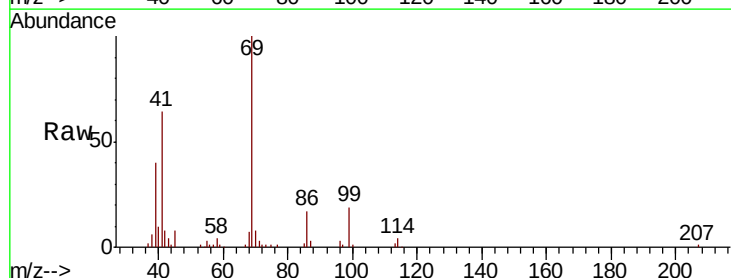
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 18.948 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.3	51.1	76.7
39	40.3	33.8	50.8

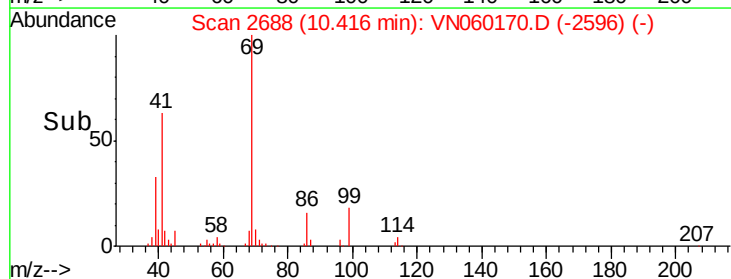
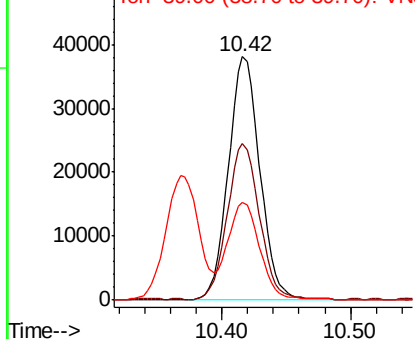


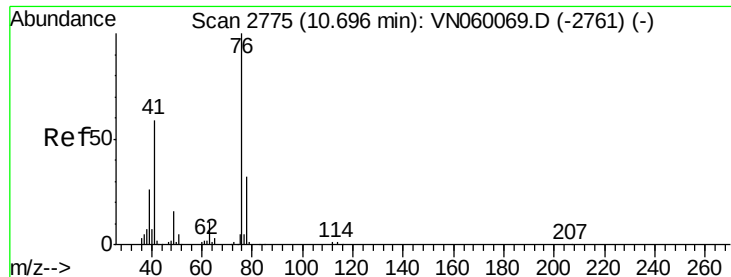
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.265 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

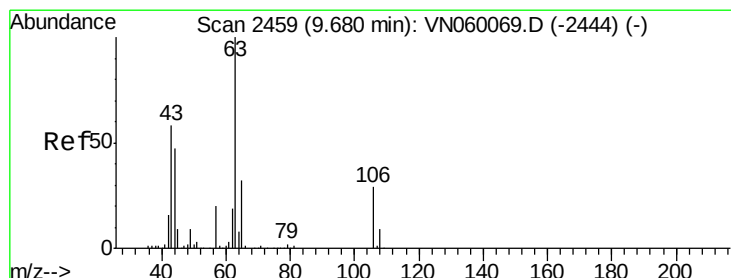
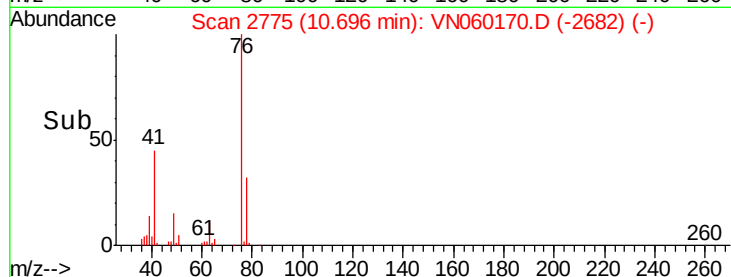
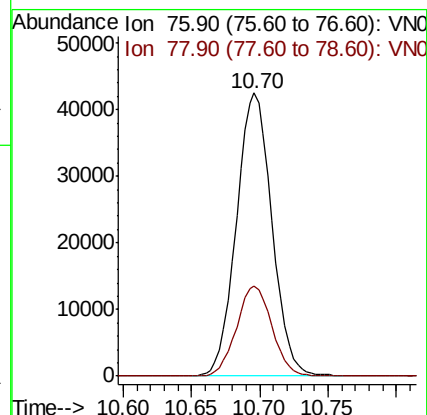
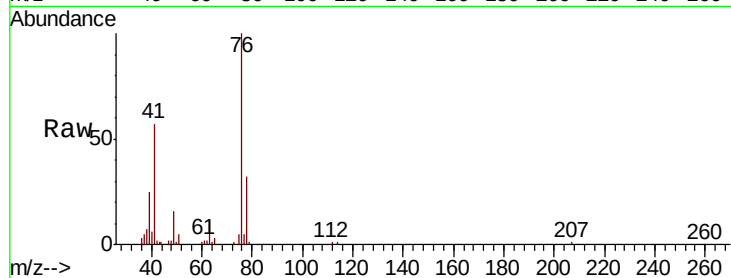
ClientSampleId :

Tot Ion: 76 Resp: 76764

Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 98.792 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060170.D

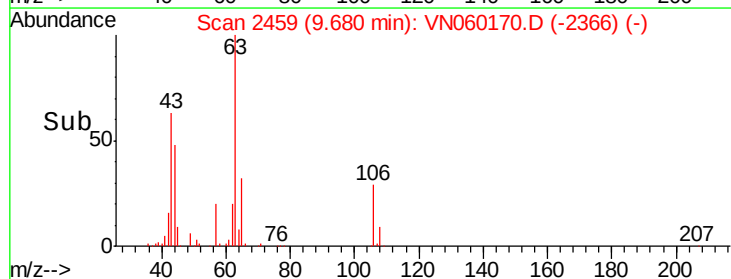
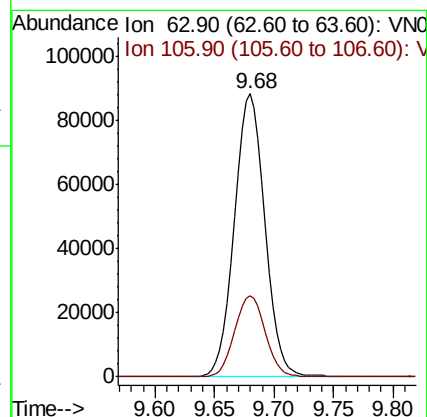
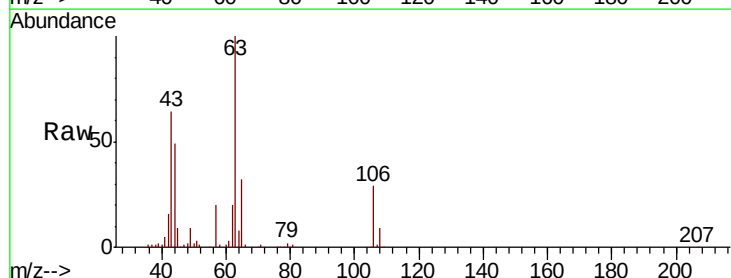
Acq: 20 Feb 2020 14:15

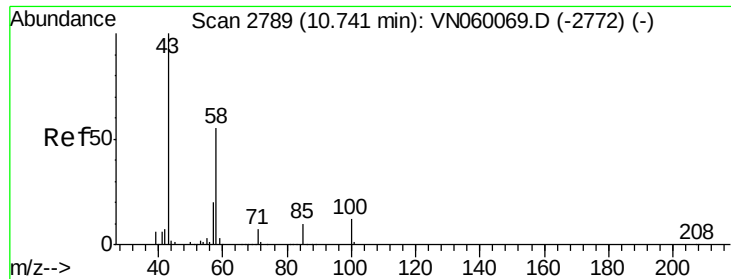
Tgt Ion: 63 Resp: 157226

Ion Ratio Lower Upper

63 100

106 28.8 22.9 34.3

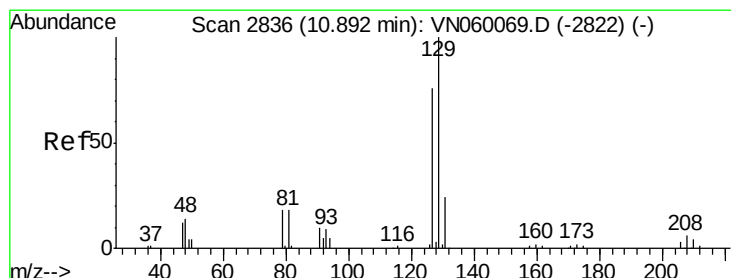
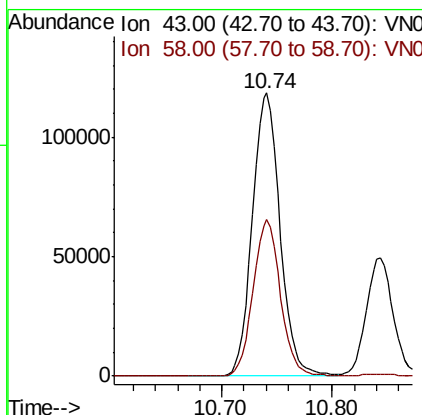
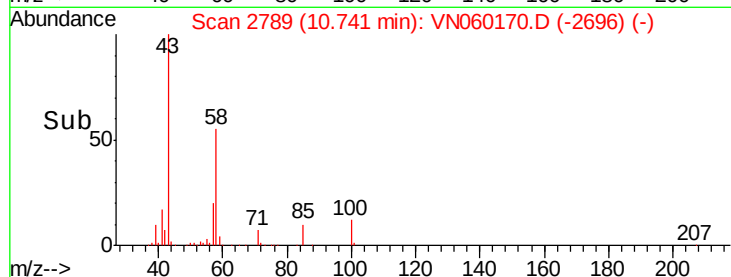
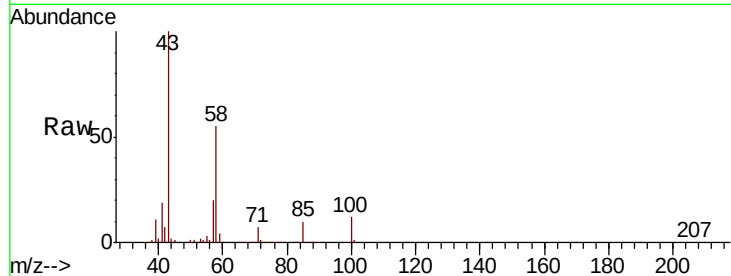




#59
2-Hexanone
Concen: 91.897 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

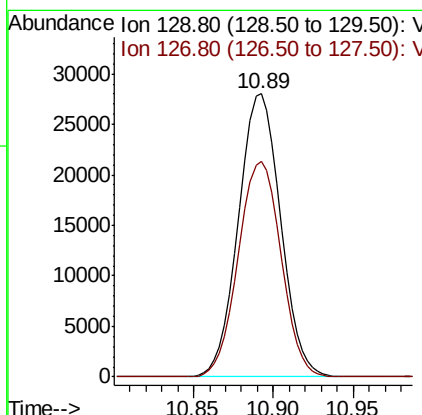
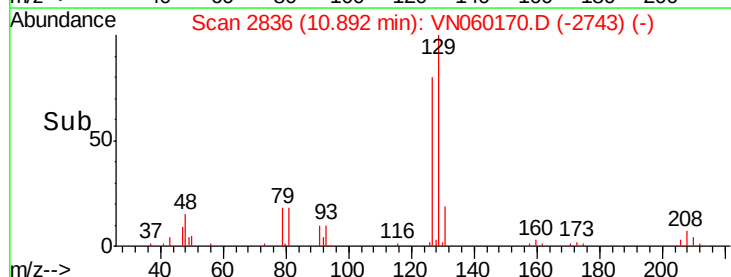
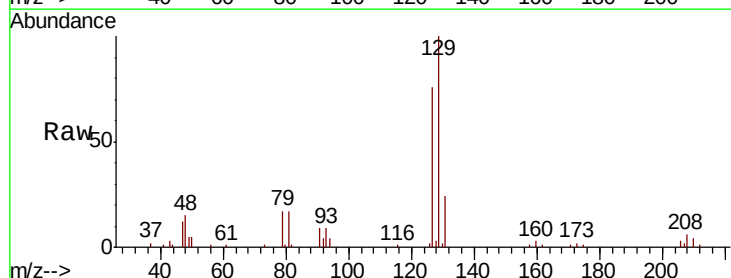
Instrument :
MSVOA_N
ClientSampleId :

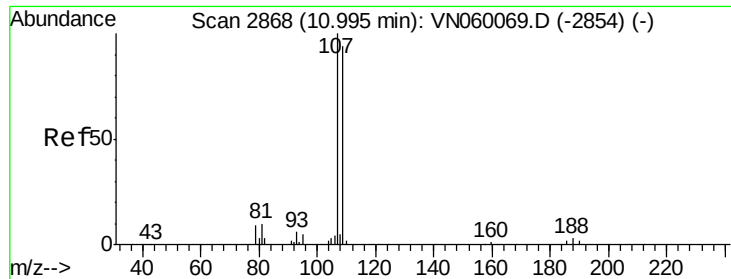
Tot Ion: 43 Resp: 206567
Ion Ratio Lower Upper
43 100
58 54.5 27.5 82.4



#60
Dibromochloromethane
Concen: 18.239 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion: 129 Resp: 50544
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1

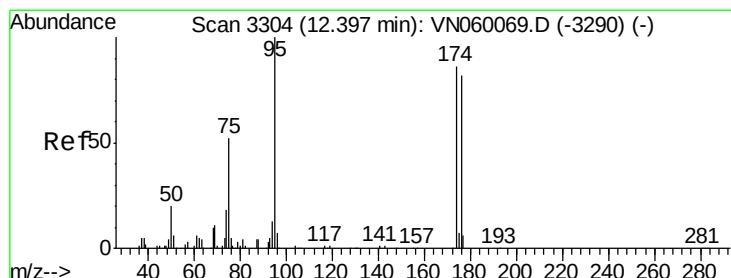
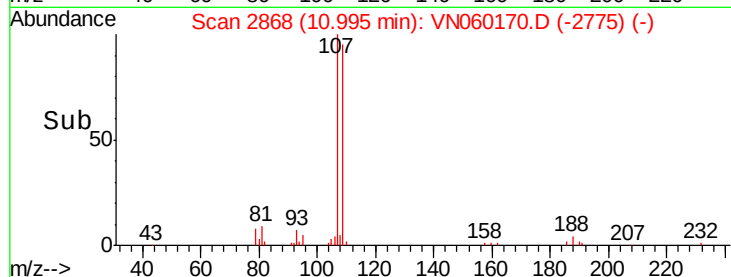
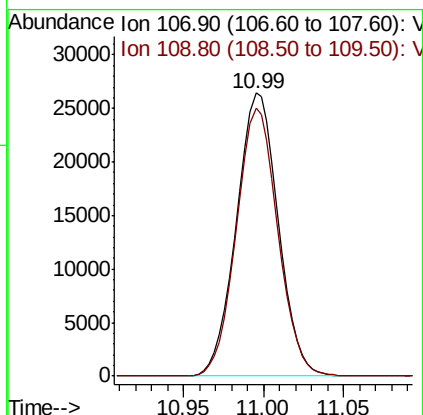
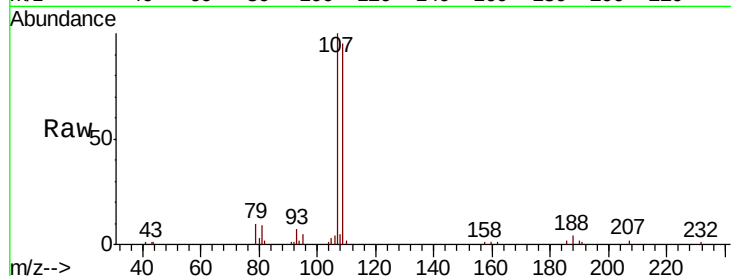




#61
 1,2-Dibromoethane
 Concen: 18.582 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

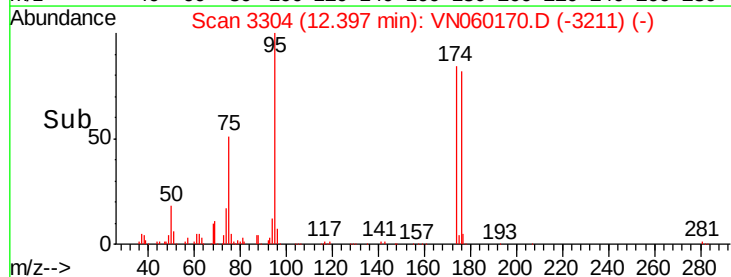
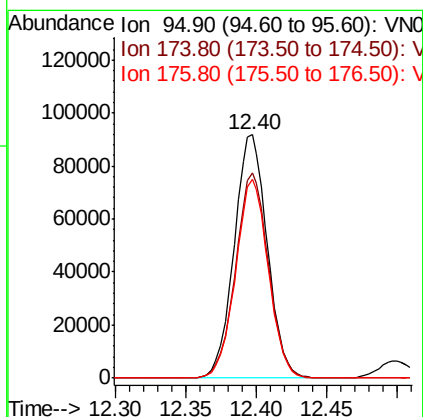
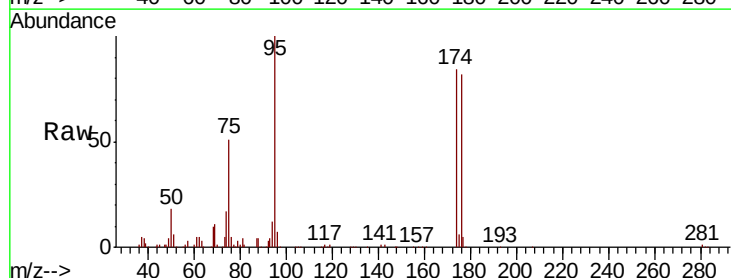
Instrument :
 MSVOA_N
 ClientSampled :

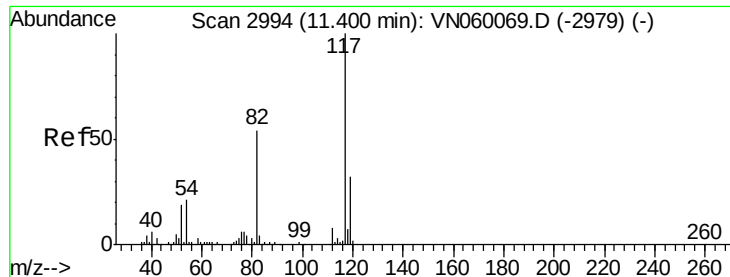
Tot Ion: 107 Resp: 47041
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 48.345 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion: 95 Resp: 151074
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 169.8
 176 80.7 0.0 164.8

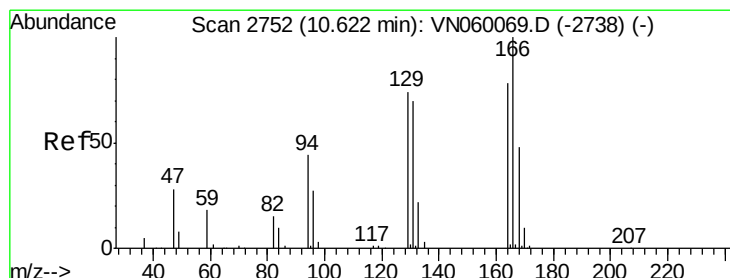
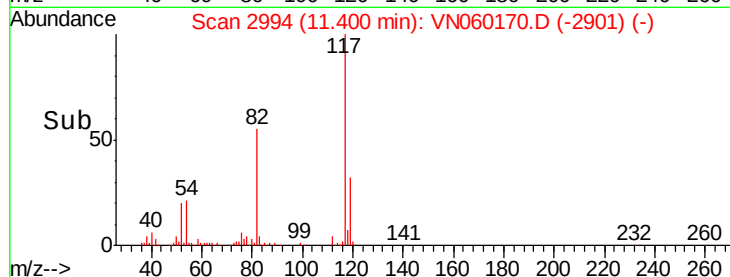
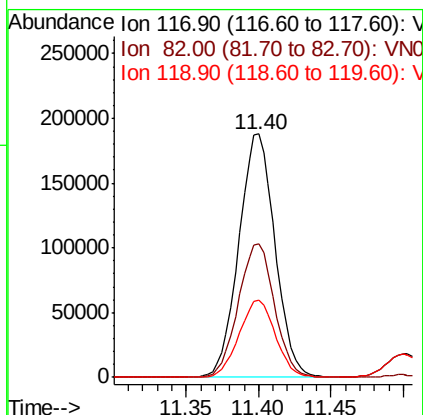
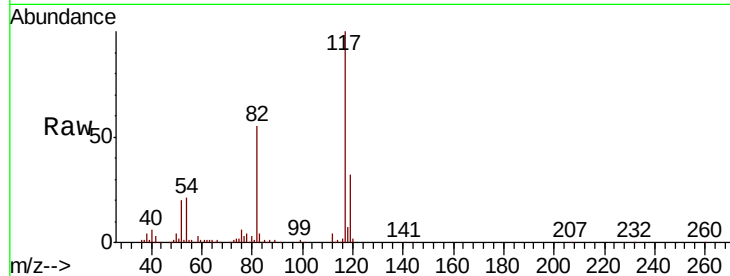




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

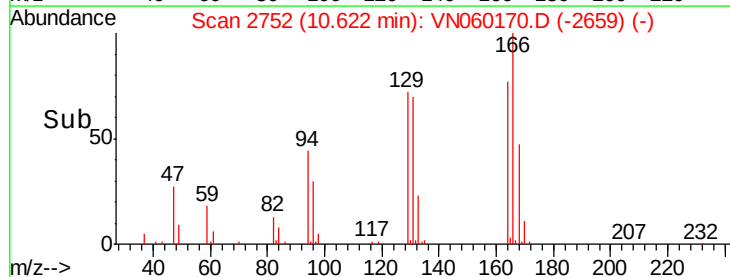
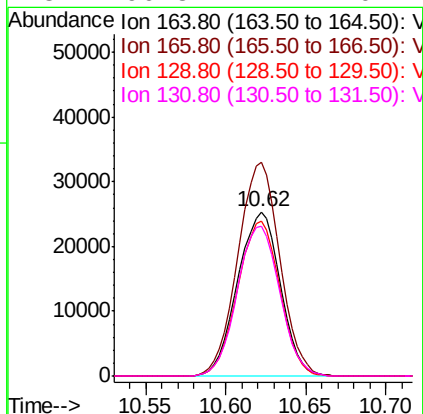
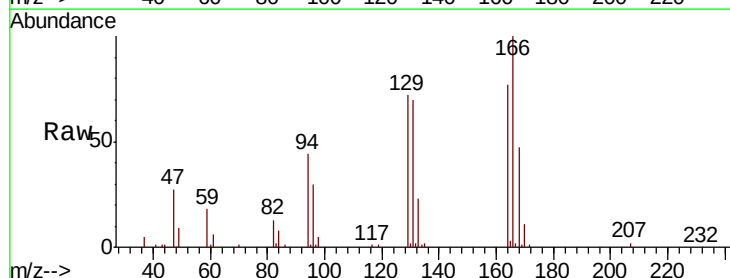
Instrument :
MSVOA_N
ClientSampled :

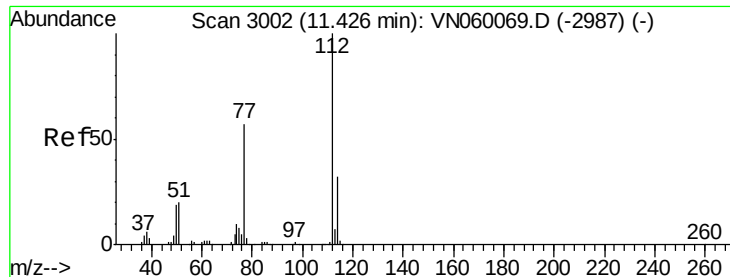
Tot Ion:117 Resp: 325764
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 18.675 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion:164 Resp: 46248
Ion Ratio Lower Upper
164 100
166 129.9 101.9 152.9
129 94.0 75.4 113.0
131 90.8 71.4 107.2

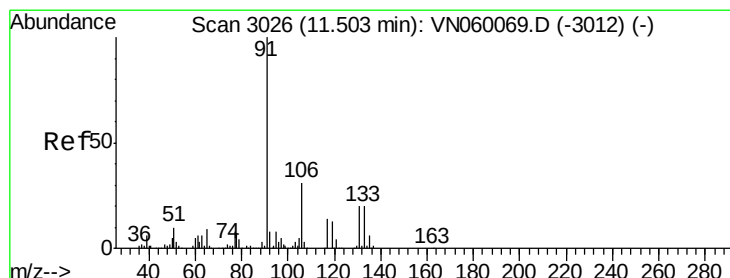
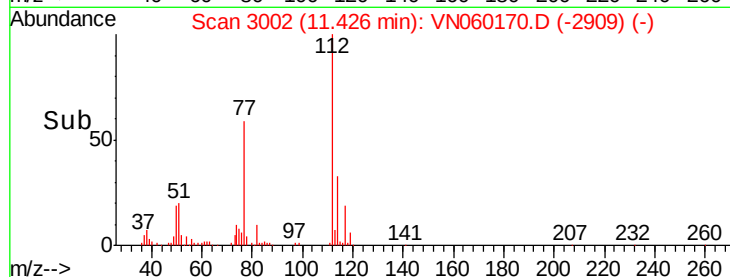
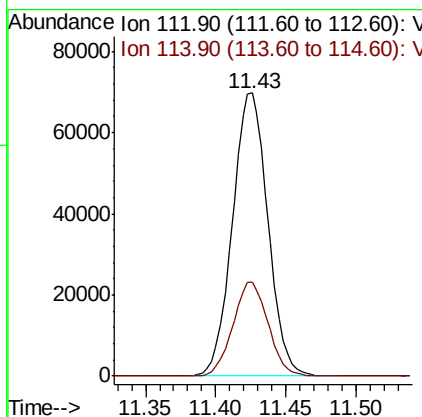
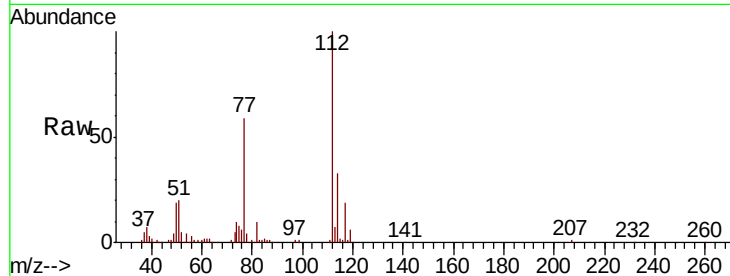




#65
Chlorobenzene
Concen: 18.484 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

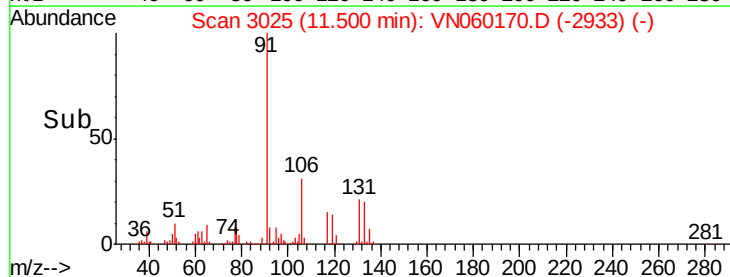
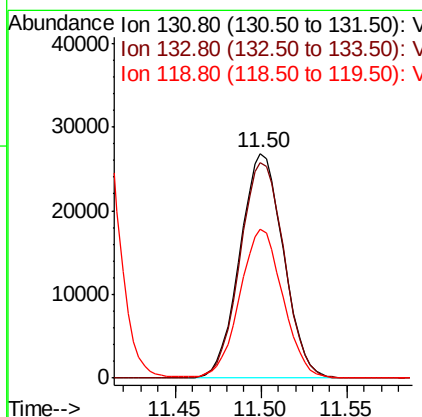
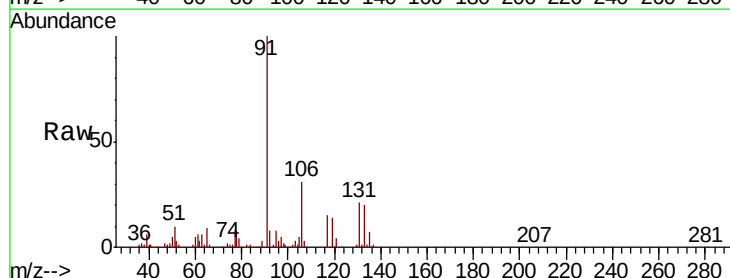
Instrument :
MSVOA_N
ClientSampled :

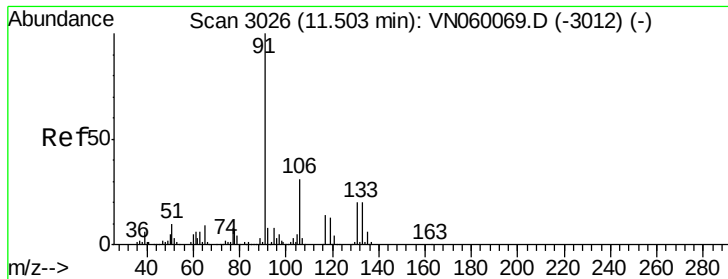
Tot Ion:112 Resp: 122678
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.796 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion:131 Resp: 47193
Ion Ratio Lower Upper
131 100
133 97.5 47.9 143.7
119 65.9 32.6 97.7





#67

Ethyl Benzene

Concen: 18.937 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

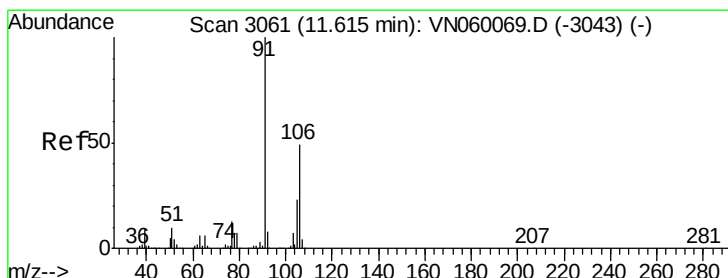
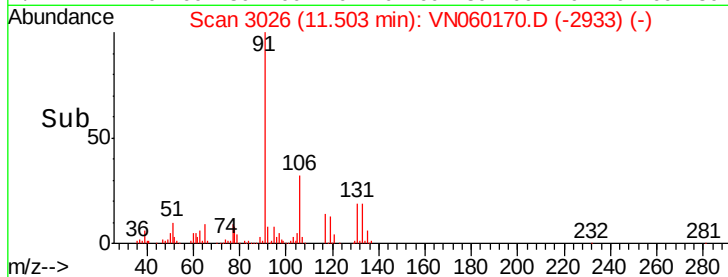
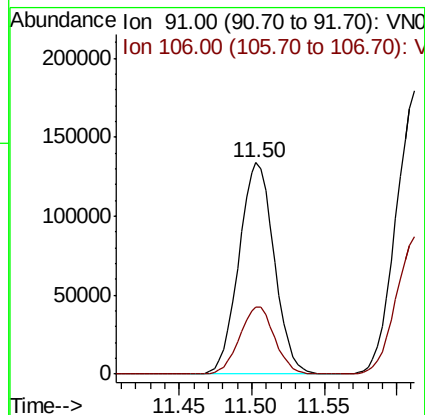
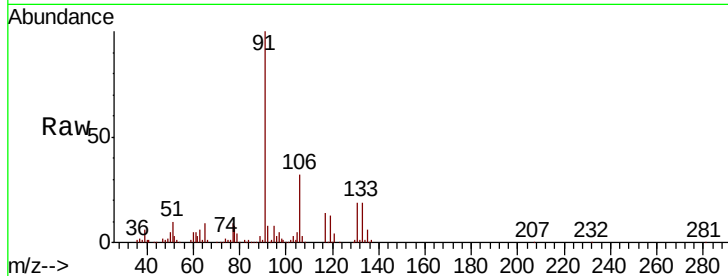
ClientSampled :

Tot Ion: 91 Resp: 226684

Ion Ratio Lower Upper

91 100

106 32.0 25.1 37.7



#68

m/p-Xylenes

Concen: 38.291 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060170.D

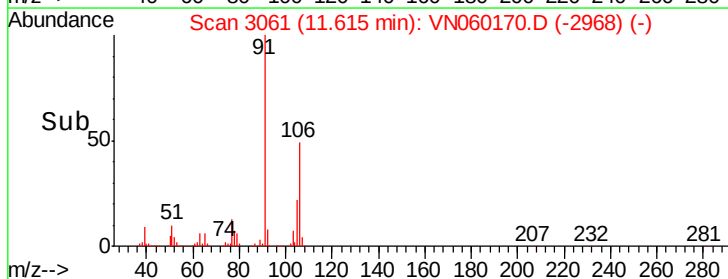
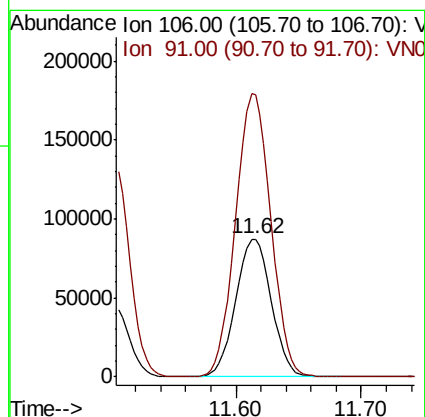
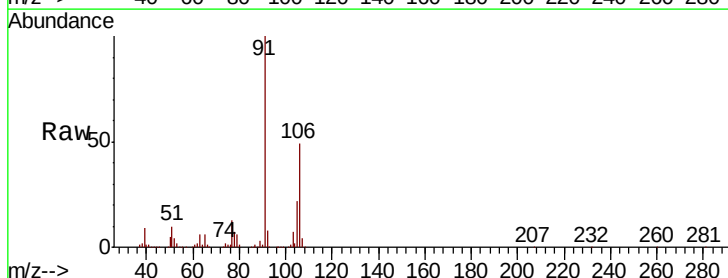
Acq: 20 Feb 2020 14:15

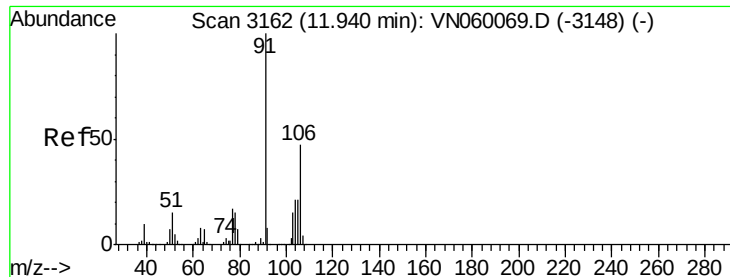
Tgt Ion: 106 Resp: 172028

Ion Ratio Lower Upper

106 100

91 204.6 162.7 244.1

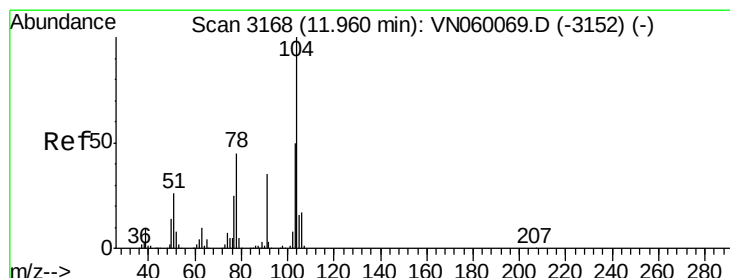
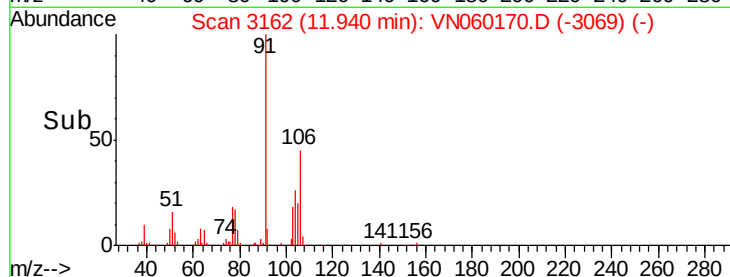
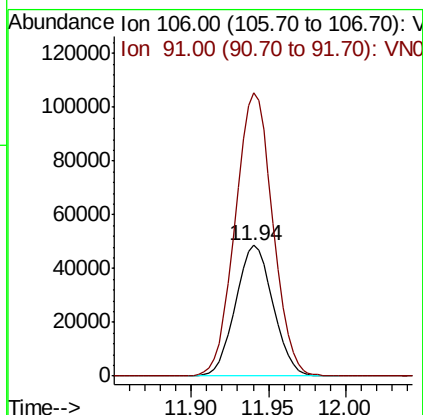
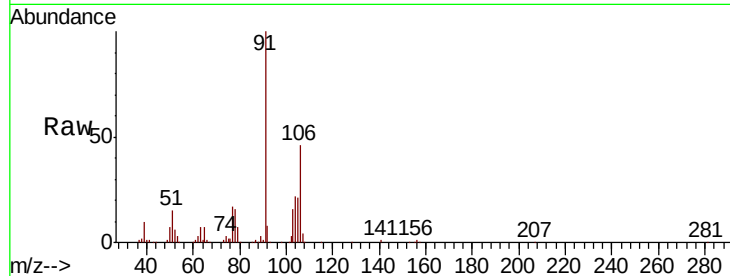




#69
o-Xylene
Concen: 18.933 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

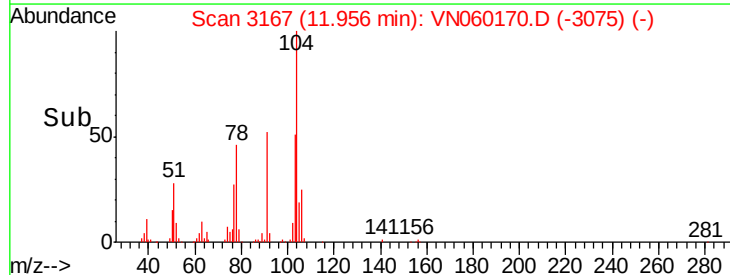
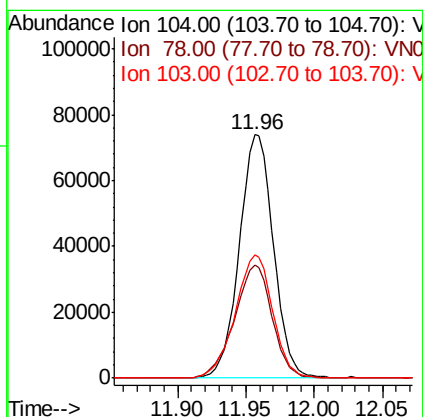
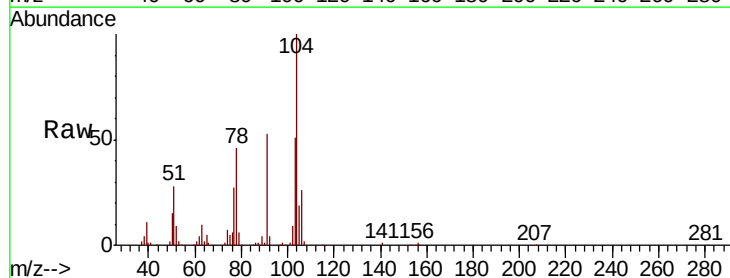
Instrument :
MSVOA_N
ClientSampled :

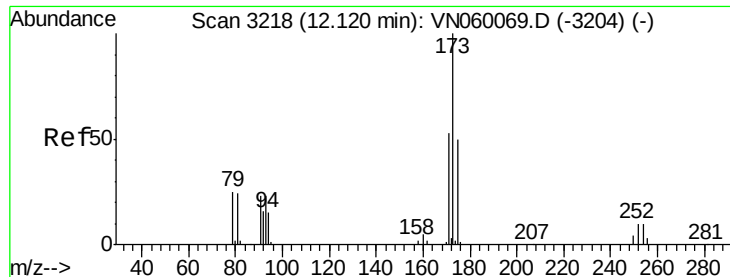
Tot Ion:106 Resp: 81897
Ion Ratio Lower Upper
106 100
91 216.9 107.2 321.6



#70
Styrene
Concen: 18.423 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion:104 Resp: 128507
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.2
103 55.6 44.3 66.5

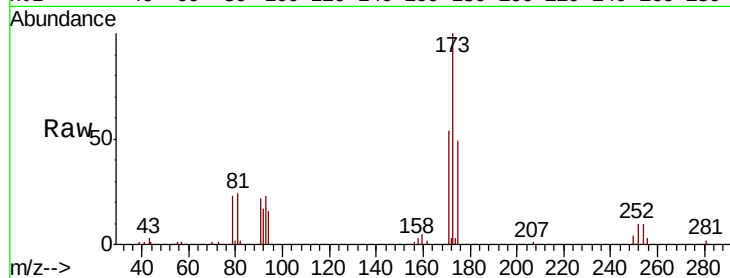




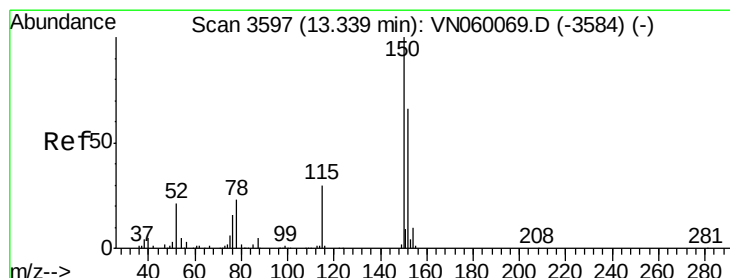
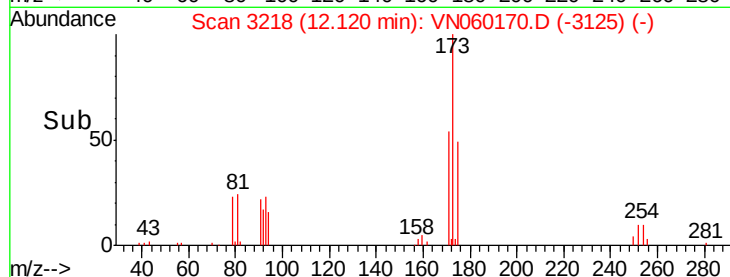
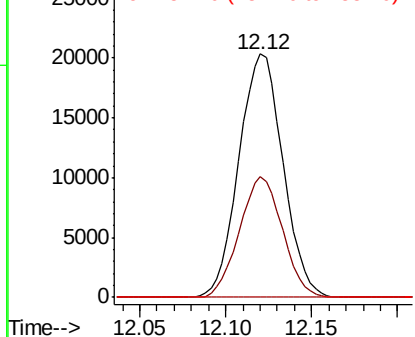
#71
Bromoform
Concen: 17.882 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 36112
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.0 0.0 0.0

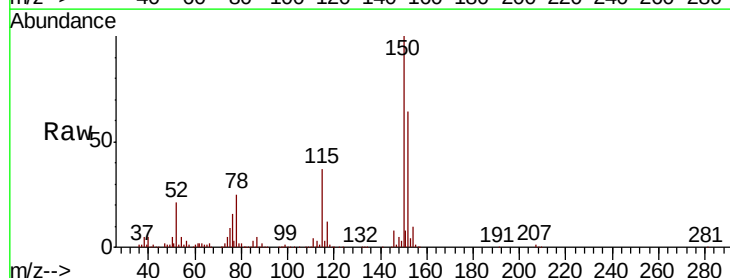


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

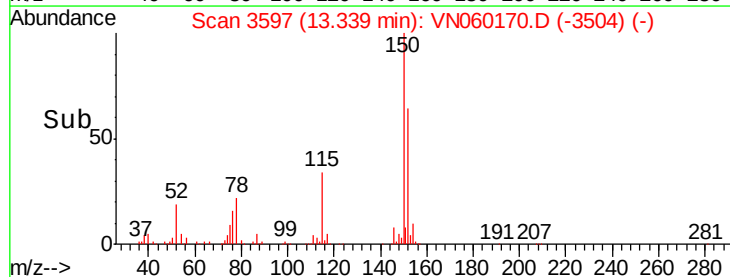
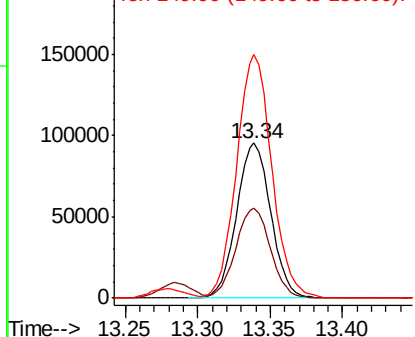


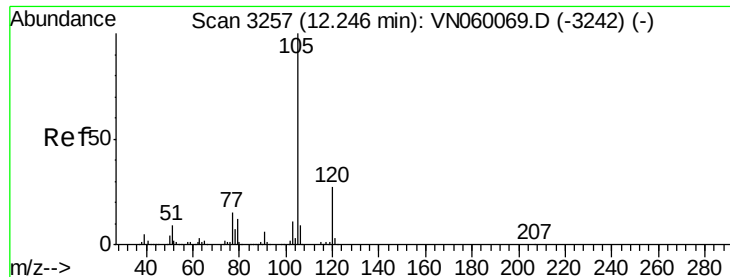
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion:152 Resp: 156373
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 161.4 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: 18.903 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

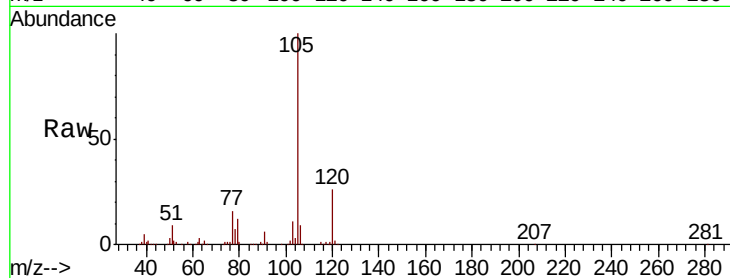
ClientSampled :

Tot Ion:105 Resp: 220731

Ion Ratio Lower Upper

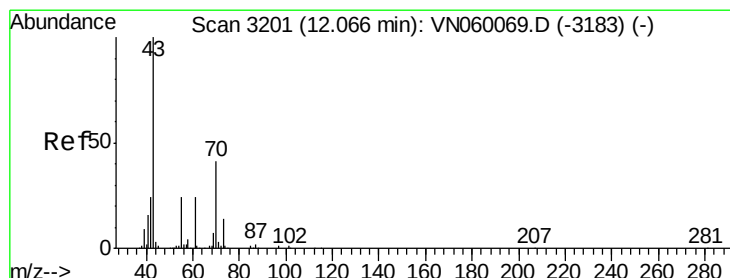
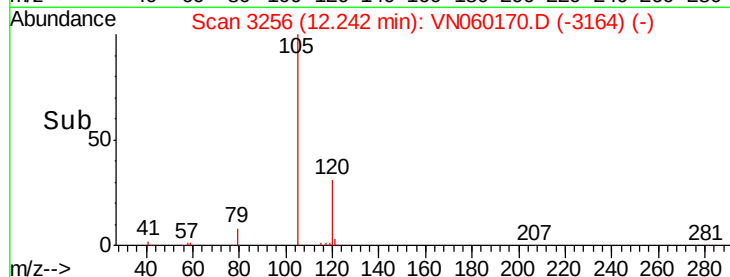
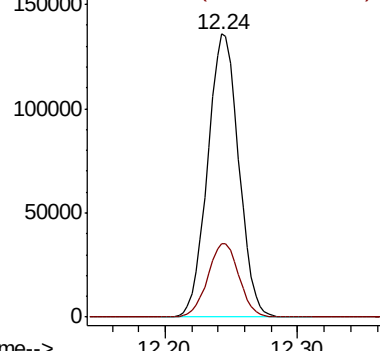
105 100

120 26.1 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: 18.822 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Tgt Ion: 43 Resp: 79253

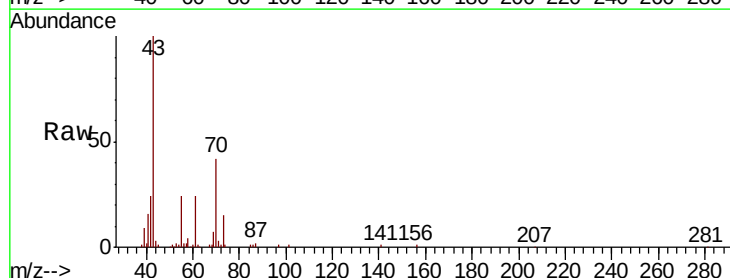
Ion Ratio Lower Upper

43 100

70 42.4 33.4 50.0

55 24.7 18.8 28.2

61 24.4 19.2 28.8

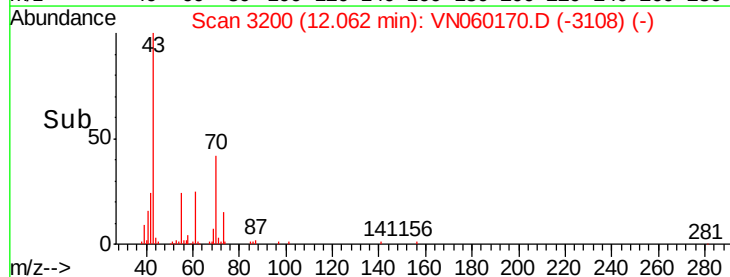
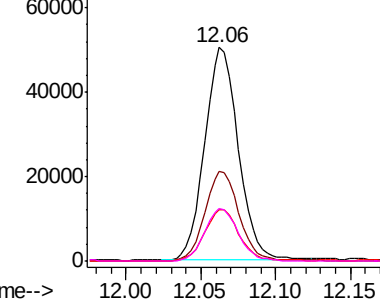


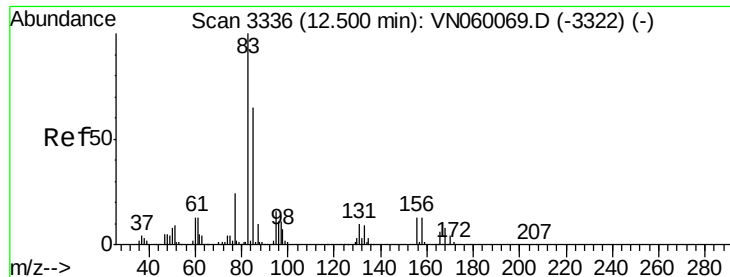
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 18.965 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

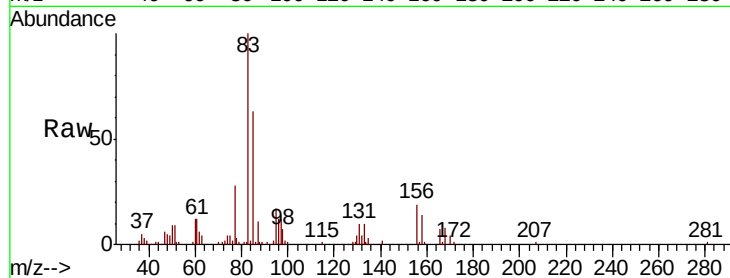
Tot Ion: 83 Resp: 63742

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

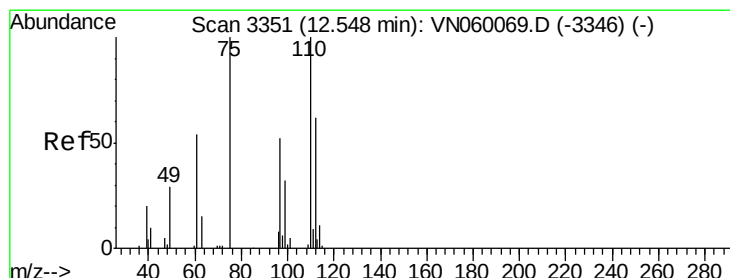
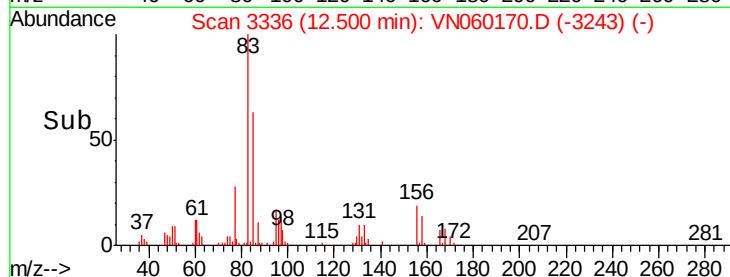
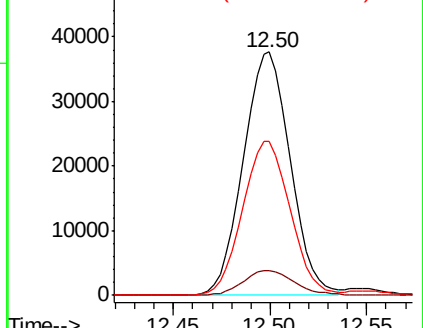
85 64.1 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060170.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060170.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060170.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.965 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060170.D

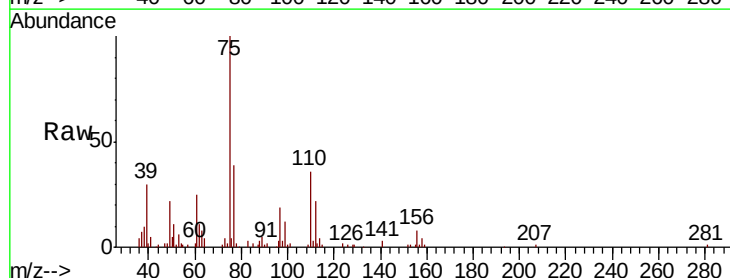
Acq: 20 Feb 2020 14:15

Tgt Ion: 75 Resp: 86655

Ion Ratio Lower Upper

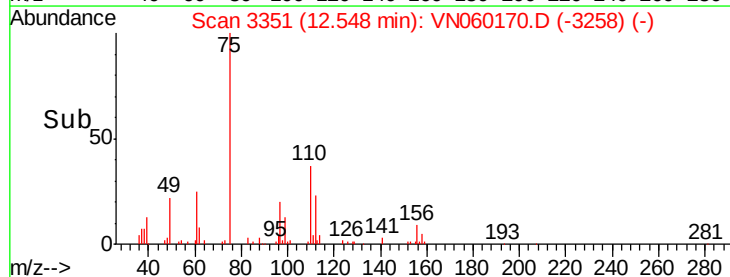
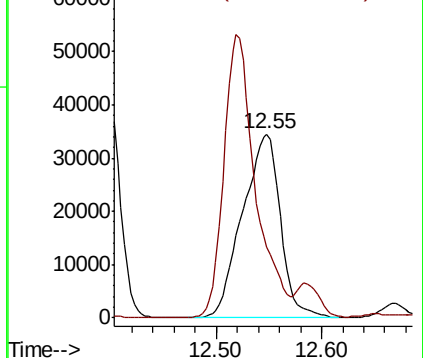
75 100

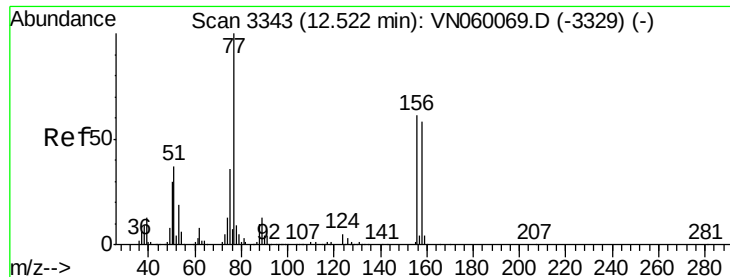
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060170.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060170.D (-3258) (-)





#77

Bromobenzene

Concen: 21.003 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

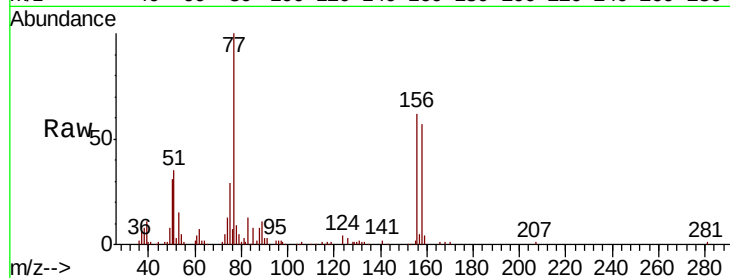
Tot Ion:156 Resp: 60865

Ion Ratio Lower Upper

156 100

77 181.2 98.7 296.1

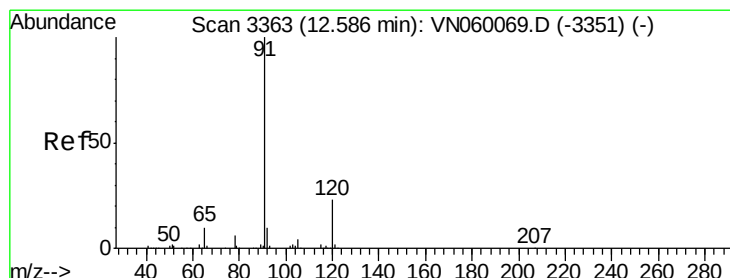
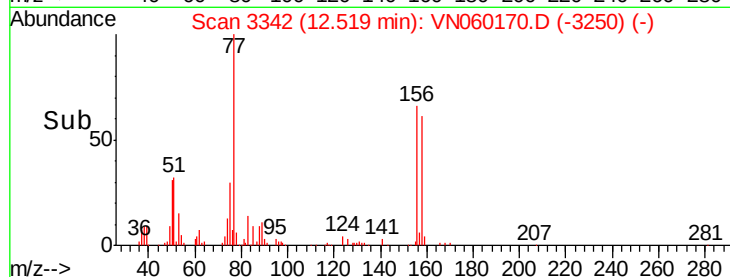
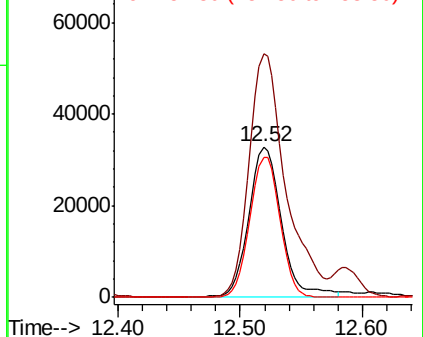
158 85.4 48.1 144.4



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: 18.425 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060170.D

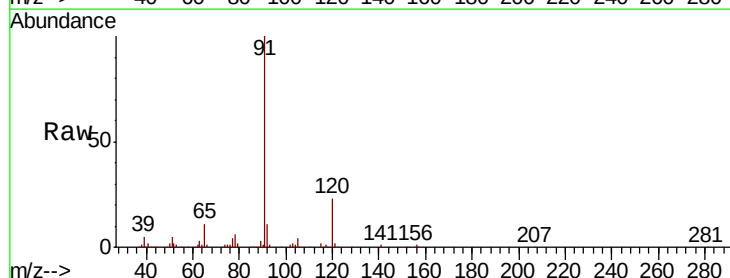
Acq: 20 Feb 2020 14:15

Tgt Ion: 91 Resp: 245127

Ion Ratio Lower Upper

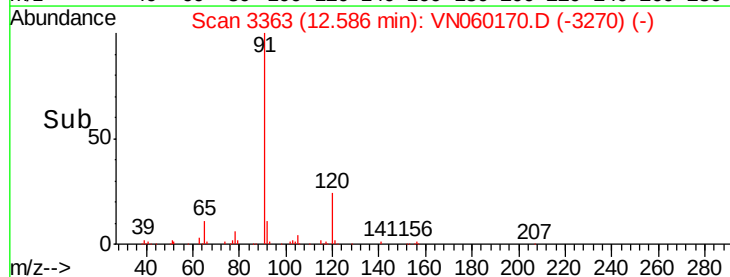
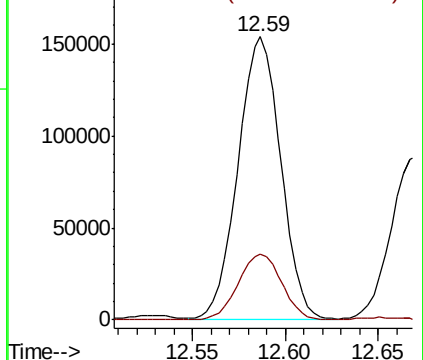
91 100

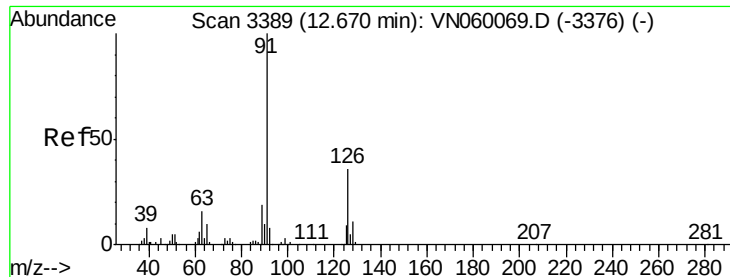
120 23.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.818 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

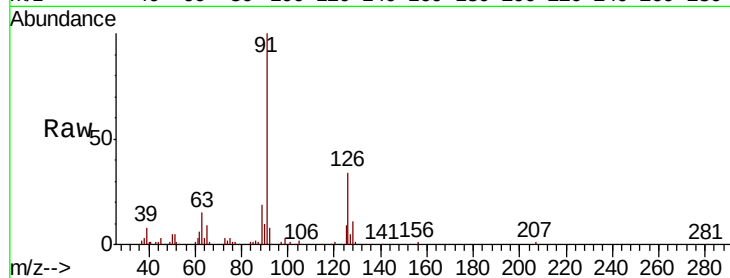
ClientSampled :

Tot Ion: 91 Resp: 147151

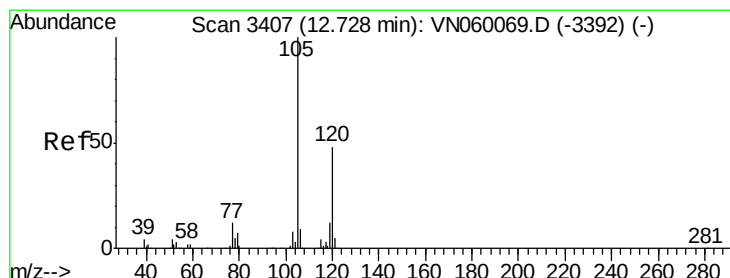
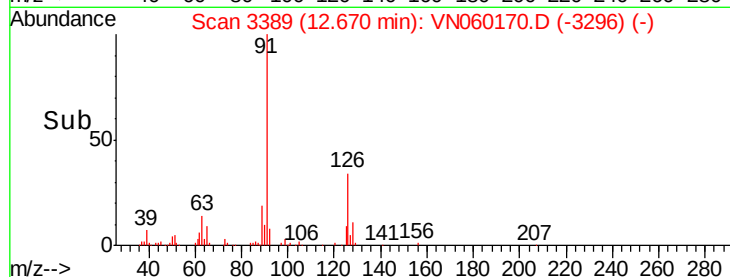
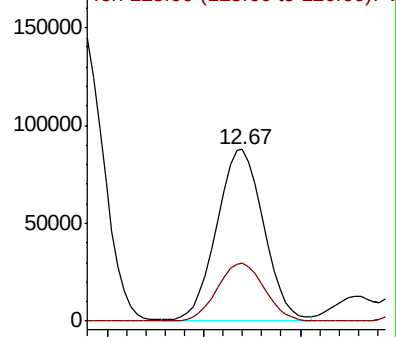
Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN060170.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.146 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060170.D

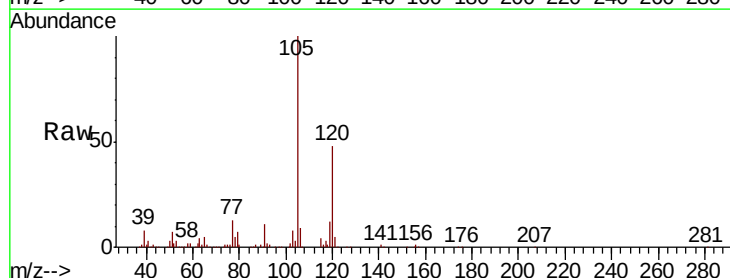
Acq: 20 Feb 2020 14:15

Tgt Ion: 105 Resp: 185889

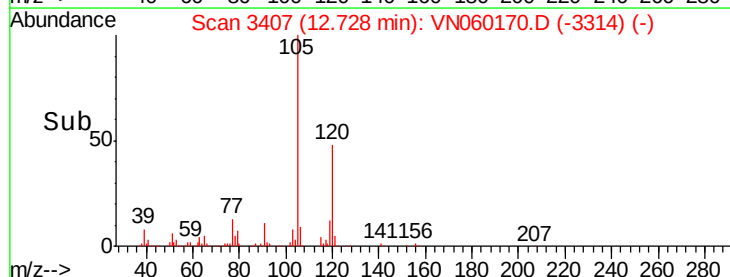
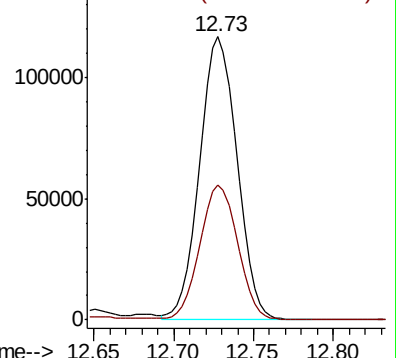
Ion Ratio Lower Upper

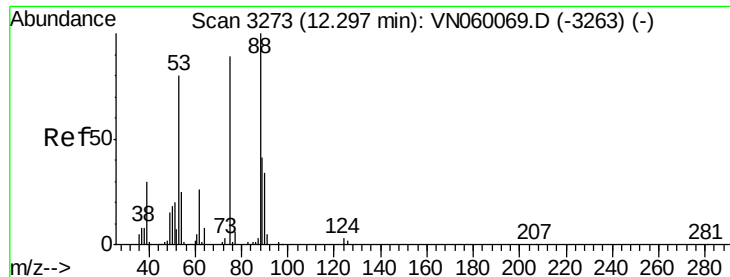
105 100

120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VN060170.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.921 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

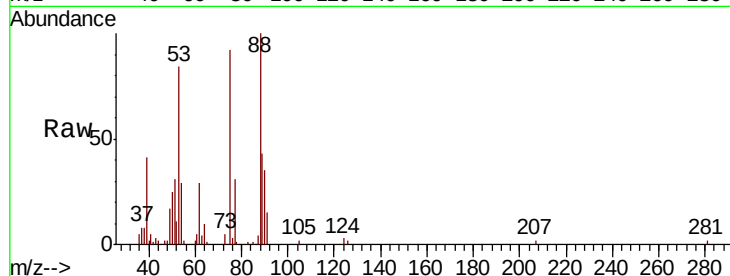
Tot Ion: 75 Resp: 23119

Ion Ratio Lower Upper

75 100

53 91.5 73.9 110.9

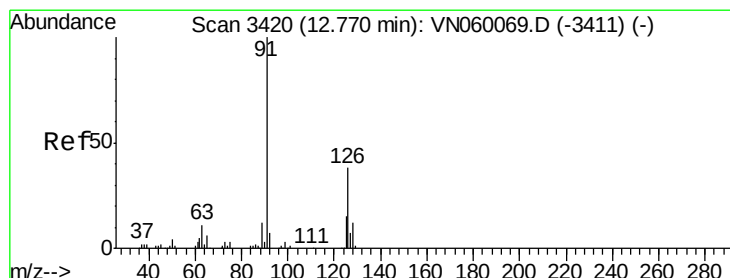
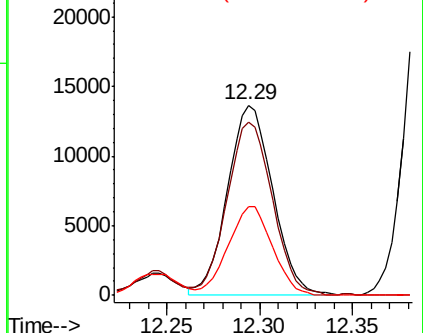
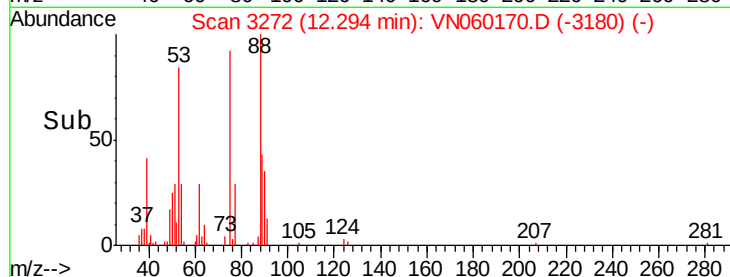
89 45.7 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN060170.D (-3272) (-)

Ion 53.00 (52.70 to 53.70): VN060170.D (-3272) (-)

Ion 88.90 (88.60 to 89.60): VN060170.D (-3272) (-)



#82

4-Chlorotoluene

Concen: 18.658 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060170.D

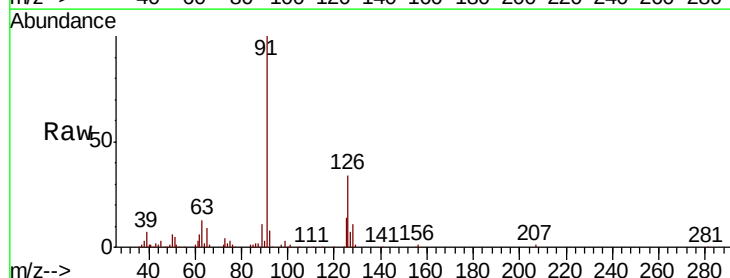
Acq: 20 Feb 2020 14:15

Tgt Ion: 91 Resp: 149687

Ion Ratio Lower Upper

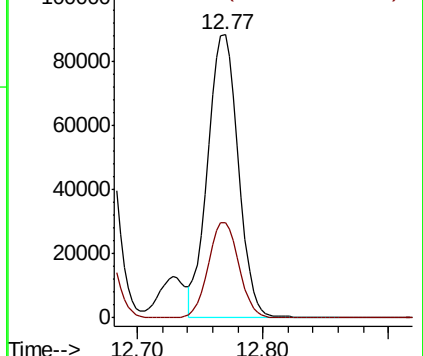
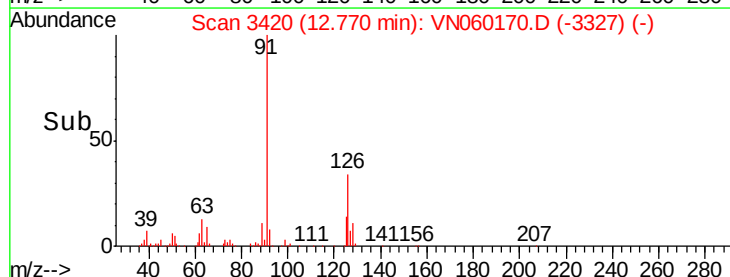
91 100

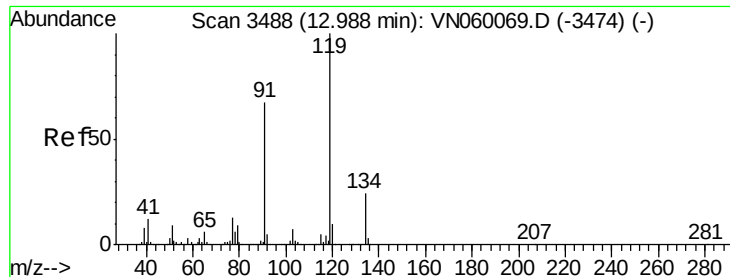
126 33.8 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN060170.D (-3420) (-)

Ion 125.90 (125.60 to 126.60): VN060170.D (-3420) (-)

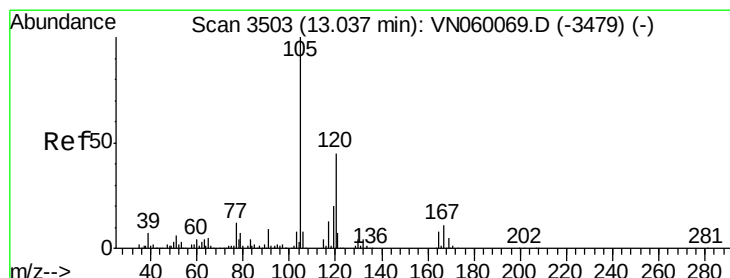
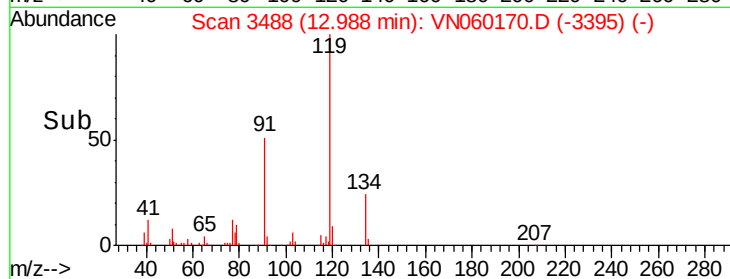
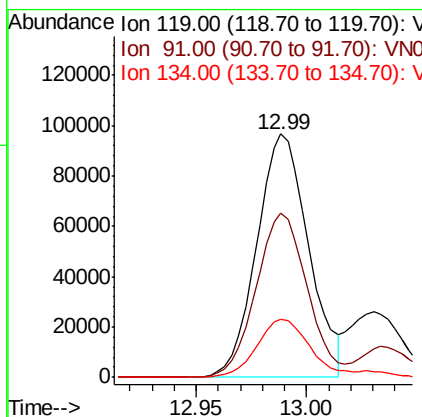
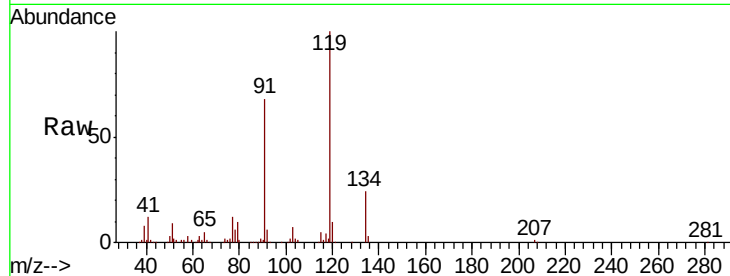




#83
 tert-Butylbenzene
 Concen: 18.367 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

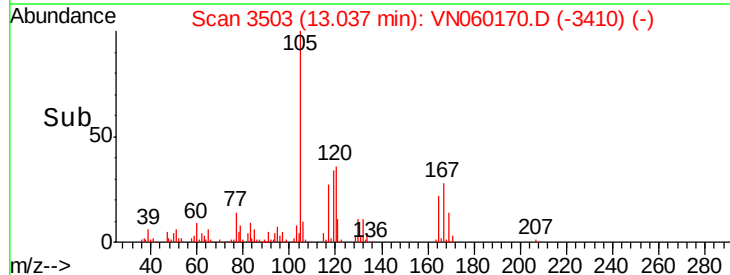
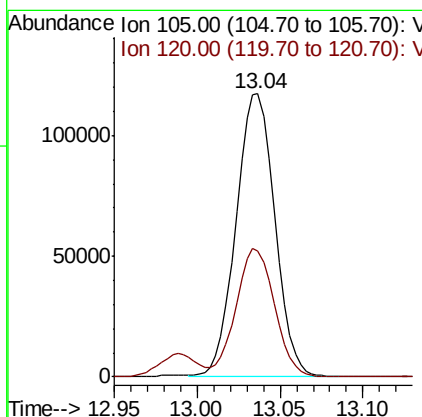
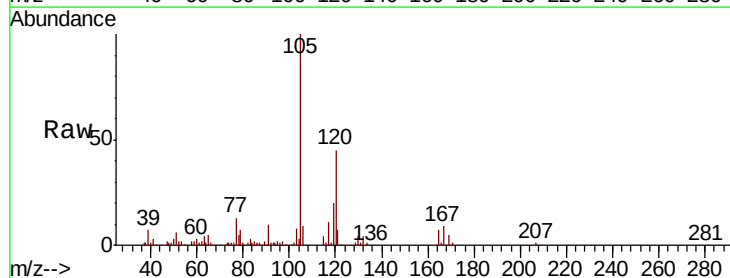
Instrument :
 MSVOA_N
 ClientSampled :

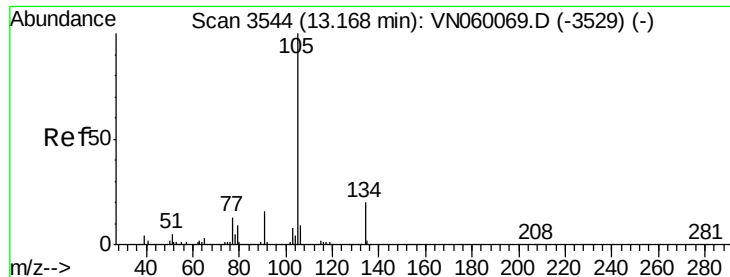
Tot Ion:119 Resp: 157749
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.7 98.1
 134 26.0 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.867 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion:105 Resp: 190406
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.288 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

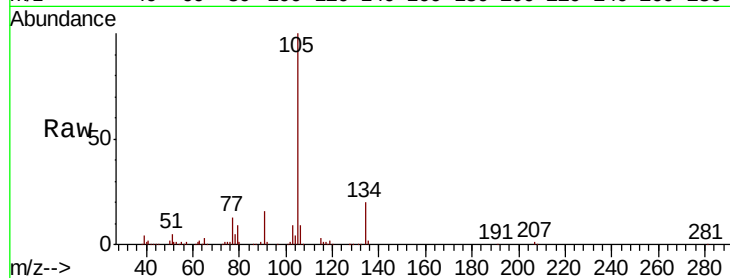
ClientSampled :

Tot Ion:105 Resp: 208021

Ion Ratio Lower Upper

105 100

134 19.9 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

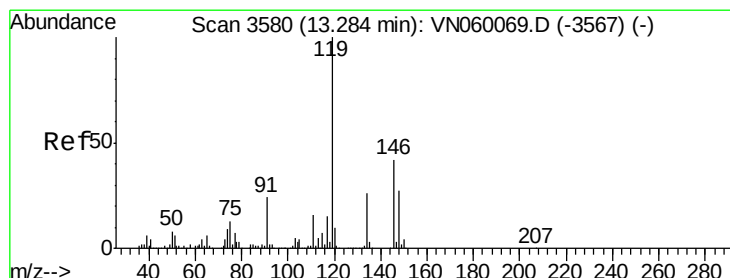
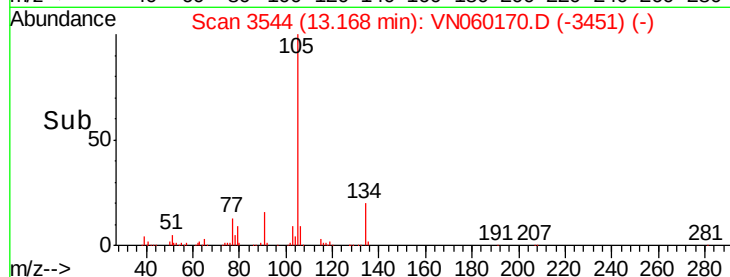
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.396 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

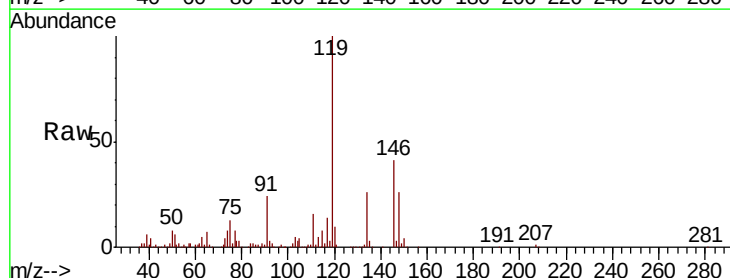
Tgt Ion:119 Resp: 189582

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 24.1 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

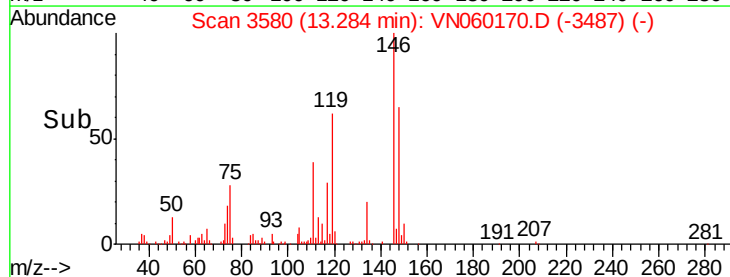
150000

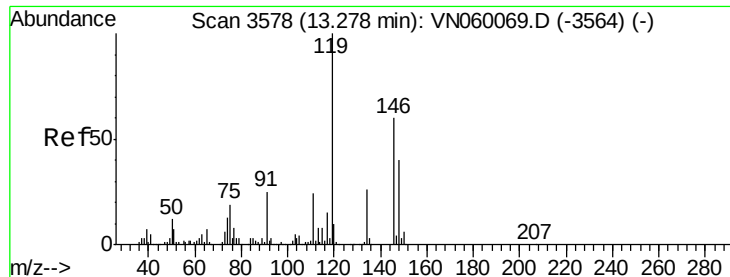
100000

50000

0

Time-->

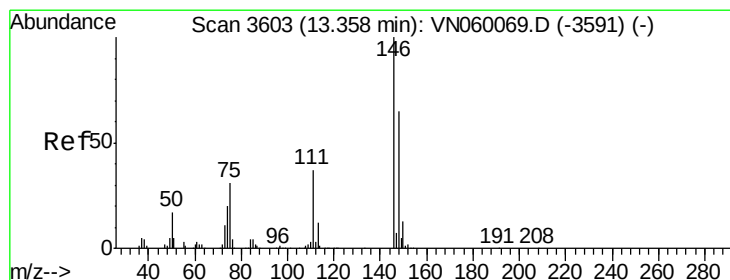
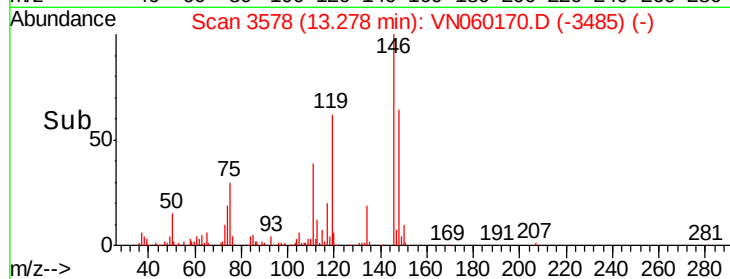
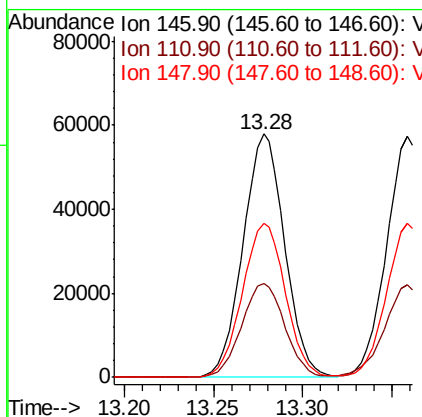
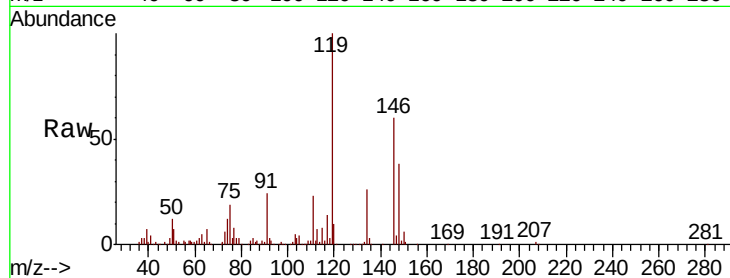




#87
 1,3-Dichlorobenzene
 Concen: 18.471 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

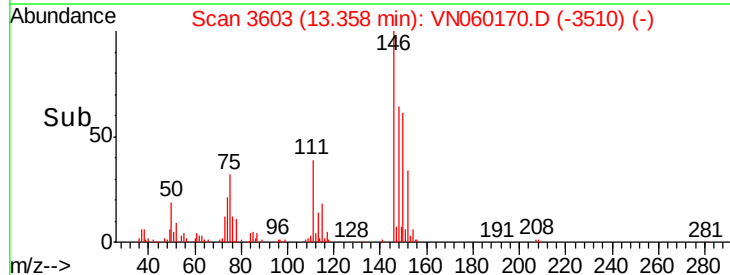
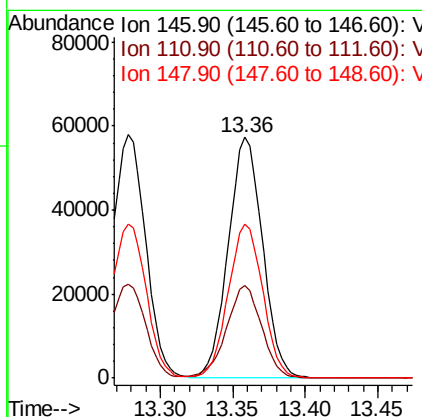
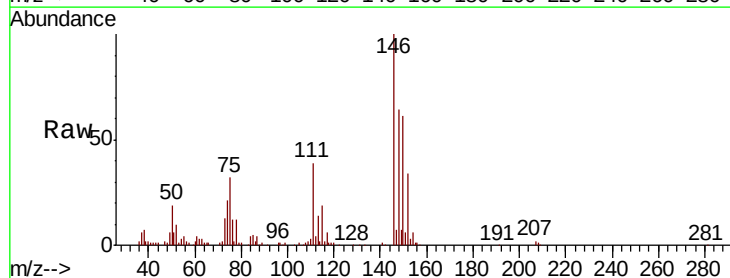
Instrument :
 MSVOA_N
 ClientSampleId :

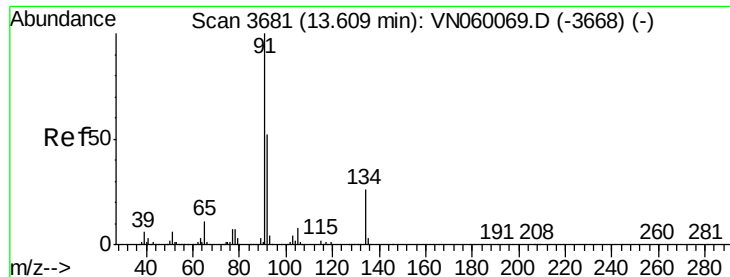
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.3
148	65.3	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.444 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.9	56.5
148	64.1	32.0	96.0

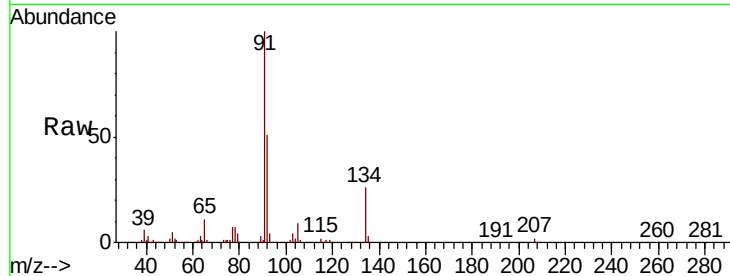




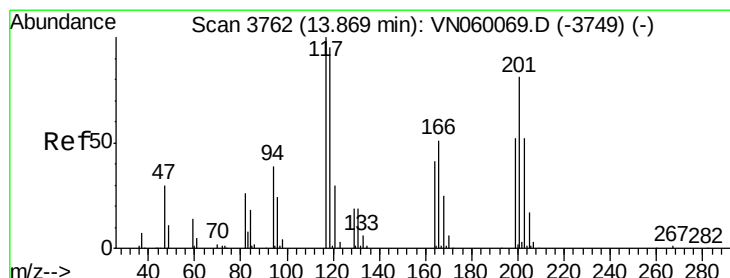
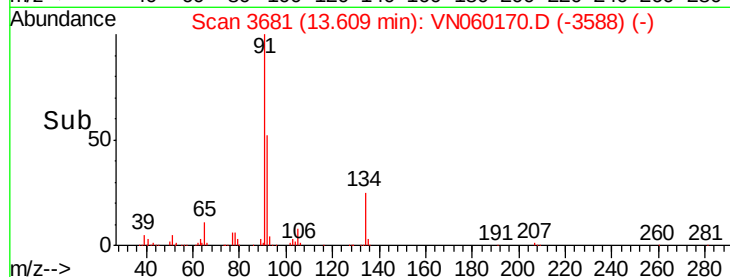
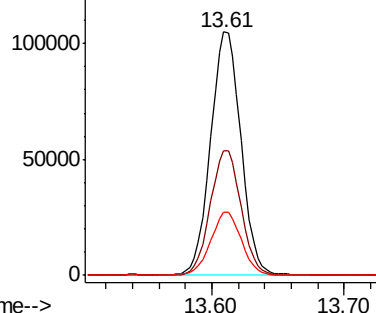
#89
n-Butylbenzene
Concen: 18.458 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 167310
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.2
134 26.5 13.1 39.3

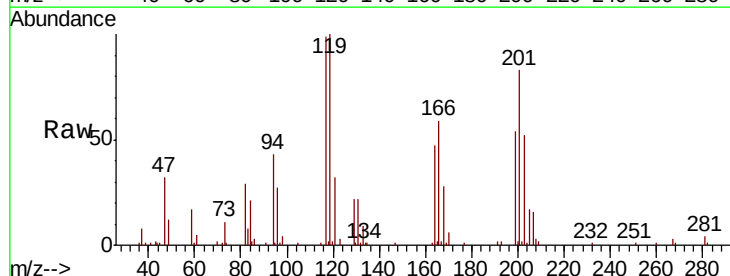


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

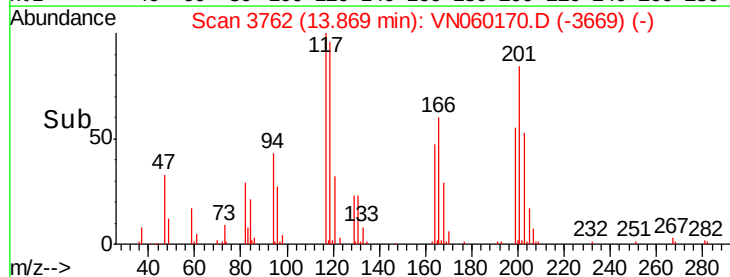
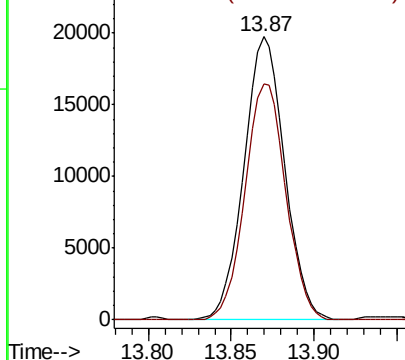


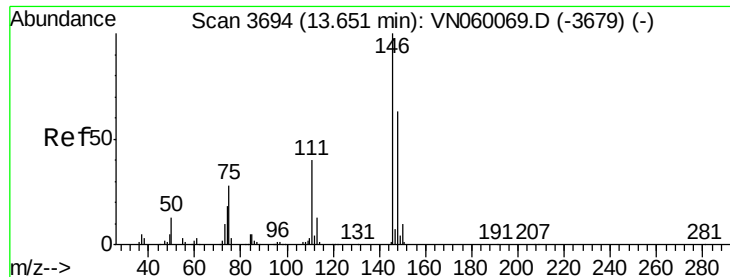
#90
Hexachloroethane
Concen: 17.533 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060170.D
Acq: 20 Feb 2020 14:15

Tgt Ion: 117 Resp: 33756
Ion Ratio Lower Upper
117 100
201 83.3 41.7 125.1



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

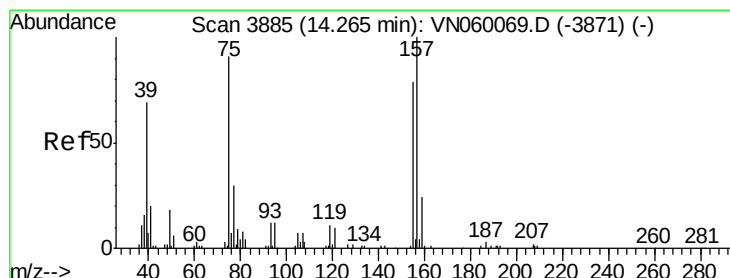
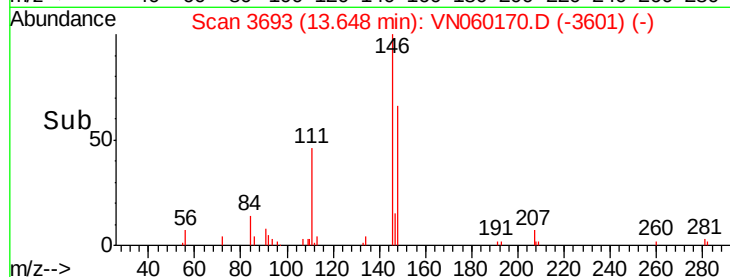
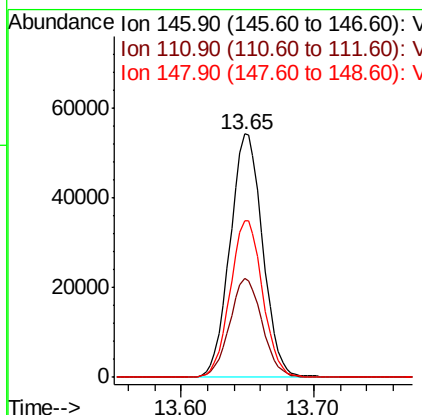
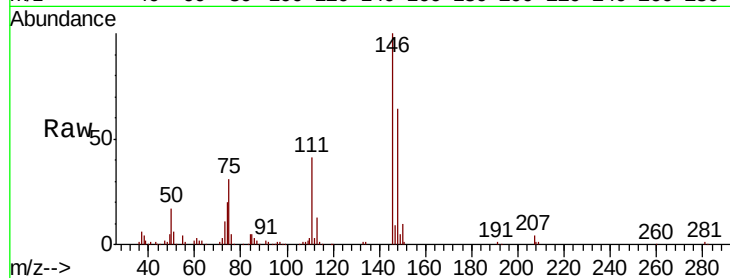




#91
 1,2-Dichlorobenzene
 Concen: 18.469 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

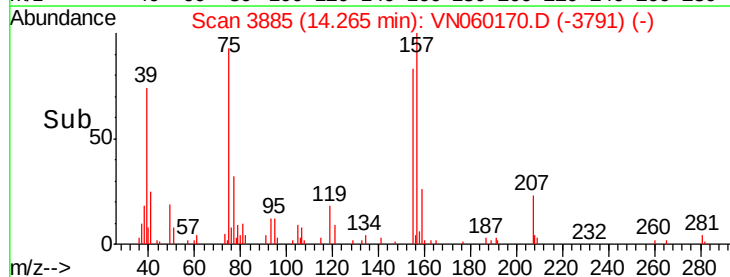
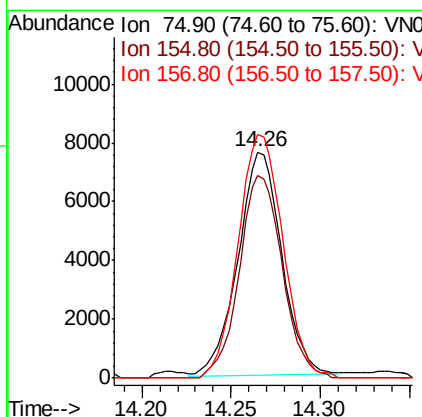
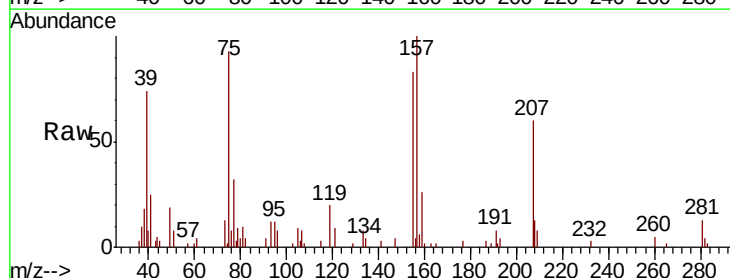
Instrument :
 MSVOA_N
 ClientSampleId :

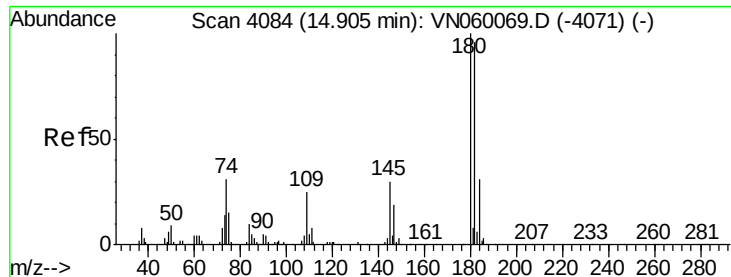
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.752 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	43.0	129.0
157	111.8	54.9	164.5

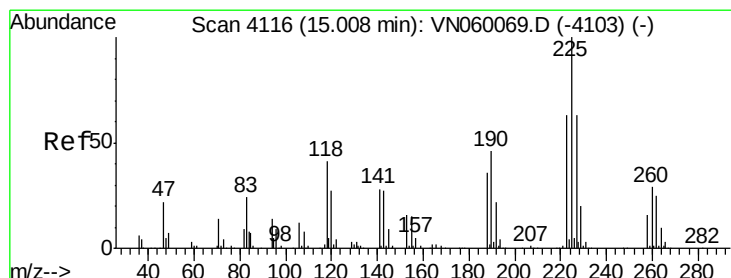
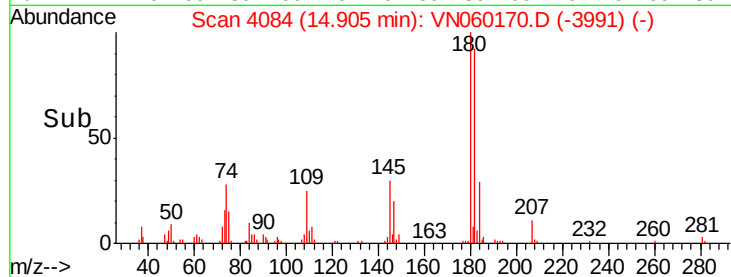
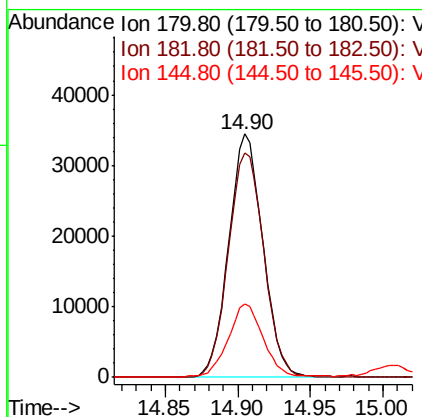
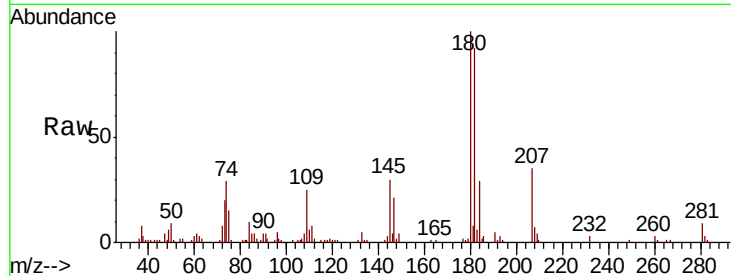




#93
 1,2,4-Trichlorobenzene
 Concen: 19.080 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

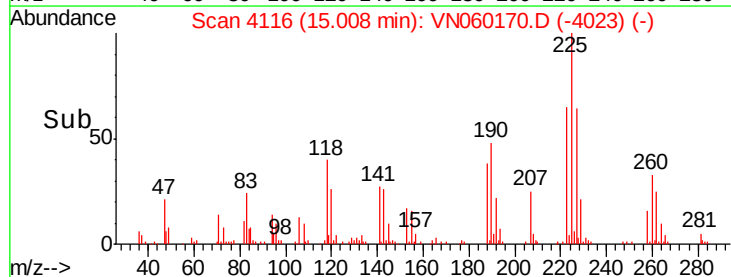
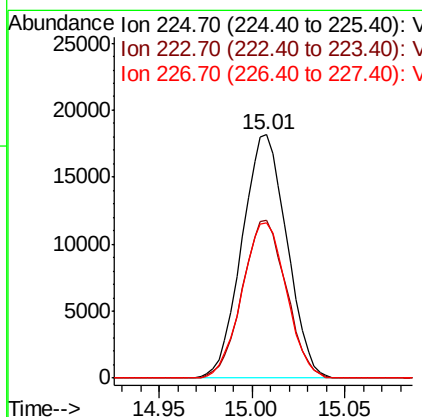
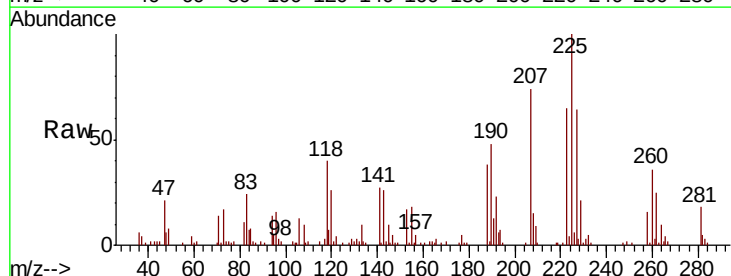
Instrument :
 MSVOA_N
 ClientSampled :

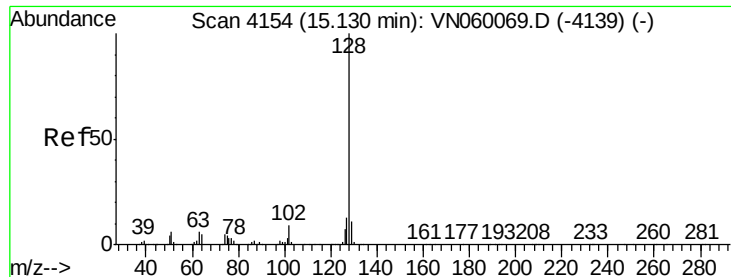
Tot Ion:180 Resp: 56279
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.8
 145 30.8 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 17.649 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060170.D
 Acq: 20 Feb 2020 14:15

Tgt Ion:225 Resp: 30477
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.5 94.5
 227 63.2 31.8 95.4





#95

Naphthalene

Concen: 21.116 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

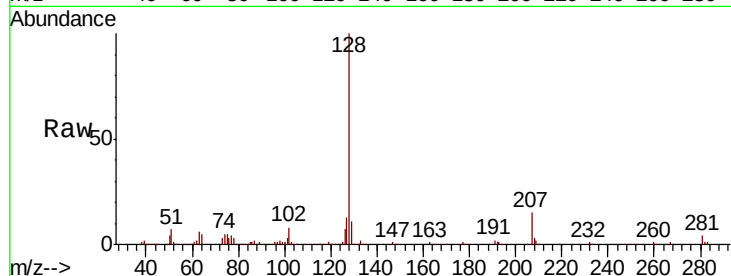
Tot Ion:128 Resp: 168248

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

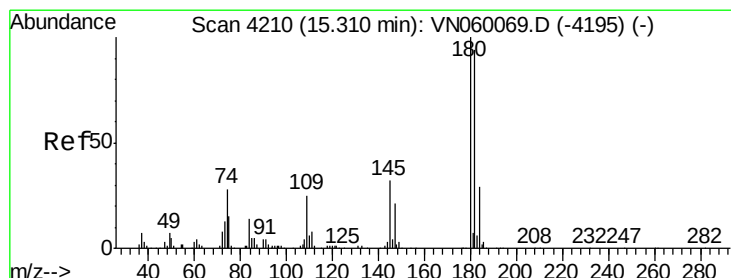
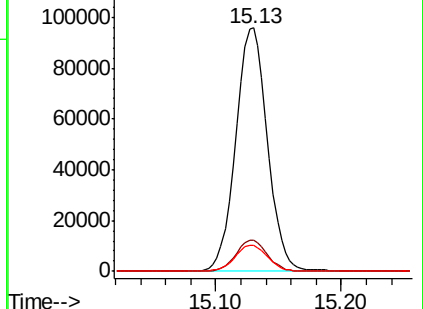
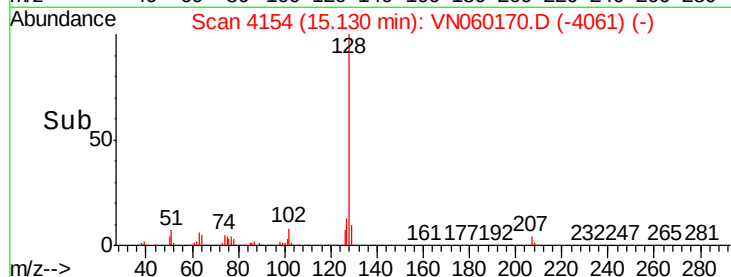
129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.115 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060170.D

Acq: 20 Feb 2020 14:15

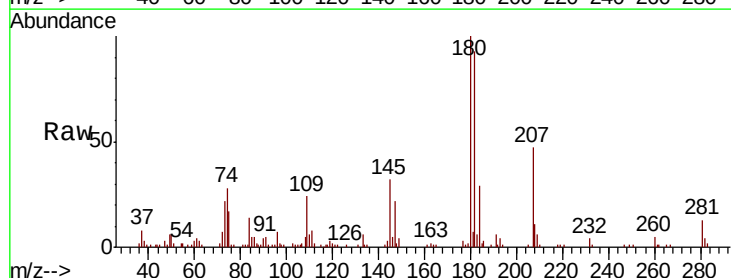
Tgt Ion:180 Resp: 56148

Ion Ratio Lower Upper

180 100

182 92.8 47.5 142.5

145 32.5 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

