

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060243.D
 Acq On : 25 Feb 2020 18:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 25 22:22:28 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	212611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	349561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	331530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174246	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	137131	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
35) Dibromofluoromethane	7.57	113	102648	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
50) Toluene-d8	10.08	98	414165	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	161061	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	105904	49.833	ug/l	99
3) Chloromethane	2.04	50	181379	71.719	ug/l	98
4) Vinyl Chloride	2.16	62	148438	51.493	ug/l	98
5) Bromomethane	2.54	94	51305	29.026	ug/l	99
6) Chloroethane	2.68	64	77962	53.471	ug/l	98
7) Trichlorofluoromethane	3.00	101	186475	50.173	ug/l	97
8) Diethyl Ether	3.38	74	69171	55.910	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	104186	50.491	ug/l	98
10) Methyl Iodide	3.93	142	88685	32.877	ug/l	99
11) Tert butyl alcohol	4.73	59	100108	258.578	ug/l	99
12) 1,1-Dichloroethene	3.72	96	104510	51.991	ug/l	97
13) Acrolein	3.58	56	63318	165.462	ug/l	96
14) Allyl chloride	4.29	41	167629	56.658	ug/l	95
15) Acrylonitrile	4.94	53	274490	290.322	ug/l	99
16) Acetone	3.78	43	223535	198.084	ug/l	97
17) Carbon Disulfide	4.03	76	283483	46.788	ug/l	98
18) Methyl Acetate	4.29	43	147371	69.519	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	370228	54.767	ug/l	99
20) Methylene Chloride	4.52	84	116953	51.947	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	112457	51.322	ug/l	99
22) Diisopropyl ether	5.92	45	383281	59.110	ug/l	93
23) Vinyl Acetate	5.86	43	1556604	285.868	ug/l	97
24) 1,1-Dichloroethane	5.82	63	215230	54.793	ug/l	99
25) 2-Butanone	6.80	43	370957	261.372	ug/l	96
26) 2,2-Dichloropropane	6.80	77	188453	50.511	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	134198	52.331	ug/l	96
28) Bromochloromethane	7.17	49	87031	56.358	ug/l	92
29) Tetrahydrofuran	7.18	42	249341	286.370	ug/l	95
30) Chloroform	7.35	83	220663	53.628	ug/l	99
31) Cyclohexane	7.63	56	189468	51.780	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	197131	52.427	ug/l	99
36) 1,1-Dichloropropene	7.77	75	161647	49.925	ug/l	99
37) Ethyl Acetate	6.90	43	160132	54.723	ug/l	100
38) Carbon Tetrachloride	7.75	117	165917	47.184	ug/l	99

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

39) Methylcyclohexane	9.07	83	193175	48.064	ug/l	97
40) Benzene	8.02	78	484519	50.447	ug/l	100
41) Methacrylonitrile	7.18	41	228088	185.865	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	174740	51.910	ug/l	98
43) Isopropyl Acetate	8.14	43	276994	55.375	ug/l	99
44) Trichloroethene	8.82	130	139206	52.344	ug/l	95
45) 1,2-Dichloropropane	9.10	63	129243	54.354	ug/l	98
46) Dibromomethane	9.19	93	85673	50.985	ug/l	99
47) Bromodichloromethane	9.39	83	172942	50.623	ug/l	99
48) Methyl methacrylate	9.18	41	127527	56.823	ug/l	96
49) 1,4-Dioxane	9.18	88	38425	1002.069	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	811424	280.255	ug/l	100
52) Toluene	10.14	92	307554	49.936	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	204044	52.914	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	210878	51.933	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	122253	50.880	ug/l	99
56) Ethyl methacrylate	10.42	69	191865	56.447	ug/l	97
57) 1,3-Dichloropropane	10.70	76	202042	50.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	477598	301.607	ug/l	97
59) 2-Hexanone	10.74	43	611377	273.357	ug/l	98
60) Dibromochloromethane	10.89	129	133205	48.310	ug/l	100
61) 1,2-Dibromoethane	10.99	107	127184	50.494	ug/l	100
64) Tetrachloroethene	10.62	164	149018	59.128	ug/l	99
65) Chlorobenzene	11.43	112	329135	48.729	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	123282	48.248	ug/l	99
67) Ethyl Benzene	11.50	91	607659	49.881	ug/l	99
68) m/p-Xylenes	11.62	106	453296	99.143	ug/l	99
69) o-Xylene	11.94	106	219921	49.957	ug/l	98
70) Styrene	11.96	104	378356	53.298	ug/l	99
71) Bromoform	12.12	173	94464	45.965	ug/l #	98
73) Isopropylbenzene	12.24	105	595676	45.780	ug/l	100
74) N-amyl acetate	12.06	43	262985	56.050	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	161392	43.093	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	242841	72.844	ug/l #	100
77) Bromobenzene	12.52	156	201508	62.403	ug/l	72
78) n-propylbenzene	12.59	91	695007	46.882	ug/l	100
79) 2-Chlorotoluene	12.67	91	406470	46.648	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	507750	46.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	65346	47.995	ug/l	99
82) 4-Chlorotoluene	12.77	91	431614	48.280	ug/l	98
83) tert-Butylbenzene	12.99	119	429917	44.922	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	510013	47.757	ug/l	100
85) sec-Butylbenzene	13.17	105	582551	45.962	ug/l	100
86) p-Isopropyltoluene	13.28	119	535858	46.663	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	271161	47.439	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	272097	47.613	ug/l	99
89) n-Butylbenzene	13.61	91	492669	48.776	ug/l	99
90) Hexachloroethane	13.87	117	69299	32.302	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	258764	46.259	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	37120	46.560	ug/l	98

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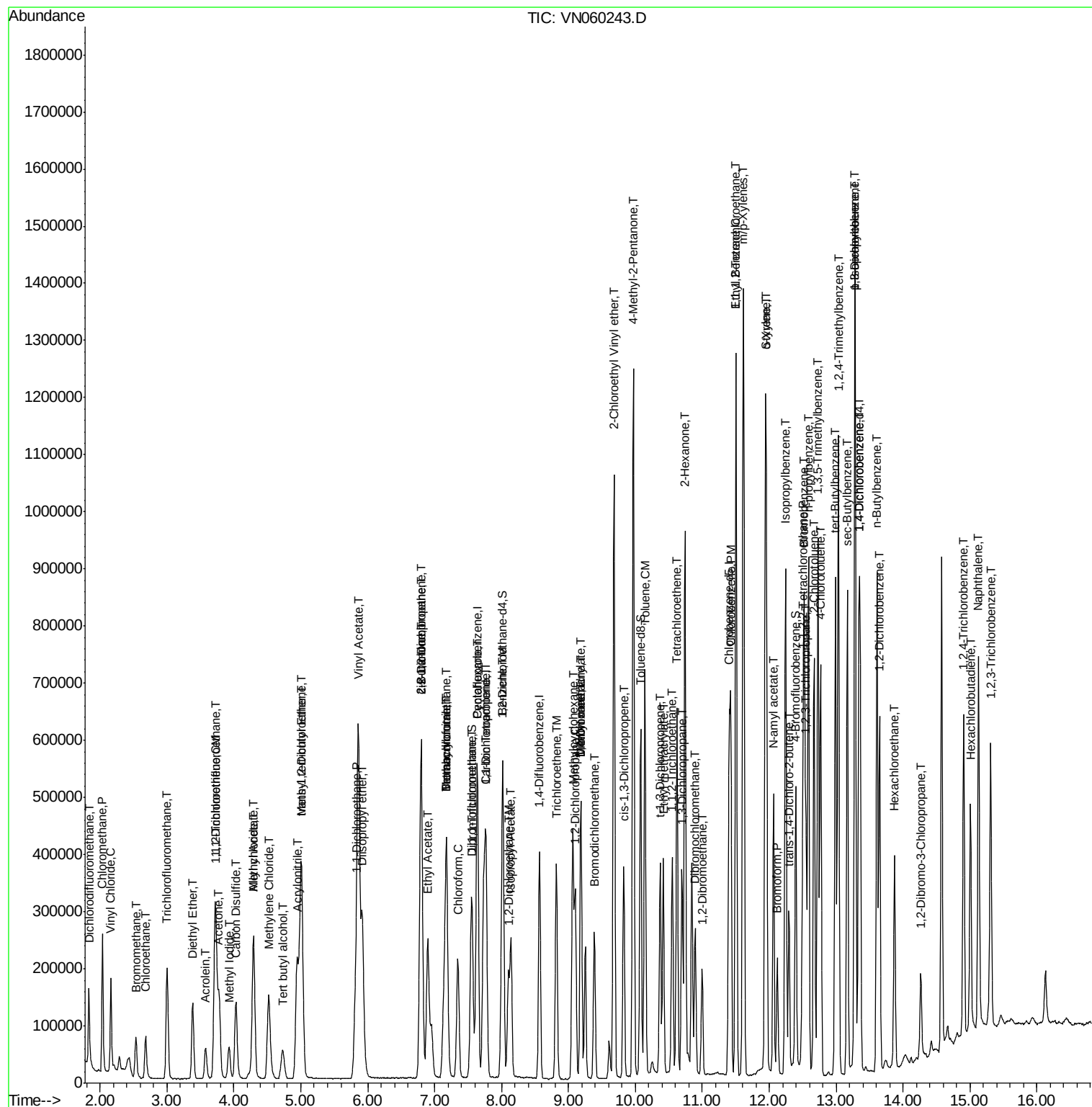
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	177835	54.106	ug/l	99
94) Hexachlorobutadiene	15.01	225	74903	38.927	ug/l	99
95) Naphthalene	15.13	128	543770	61.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	168663	51.529	ug/l	99

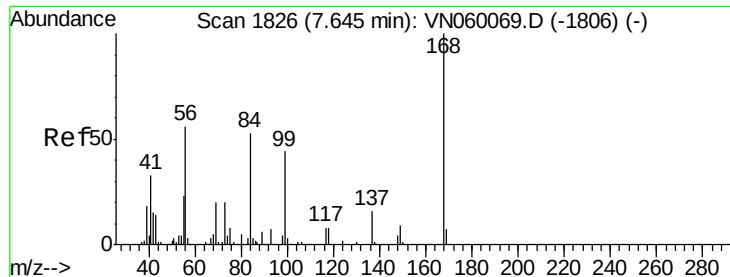
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

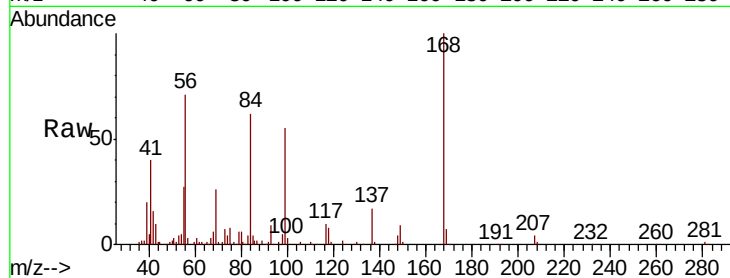
ClientSampleId :

Tot Ion:168 Resp: 212611

Ion Ratio Lower Upper

168 100

99 55.1 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

60000

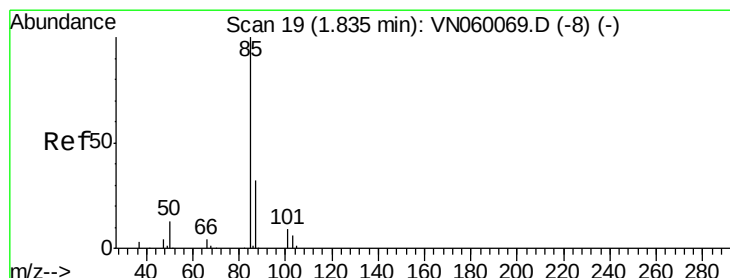
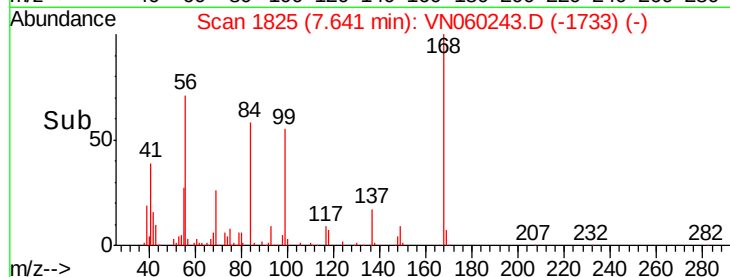
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 49.833 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060243.D

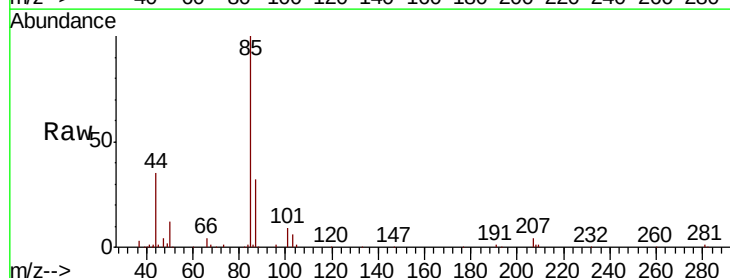
Acq: 25 Feb 2020 18:37

Tgt Ion: 85 Resp: 105904

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

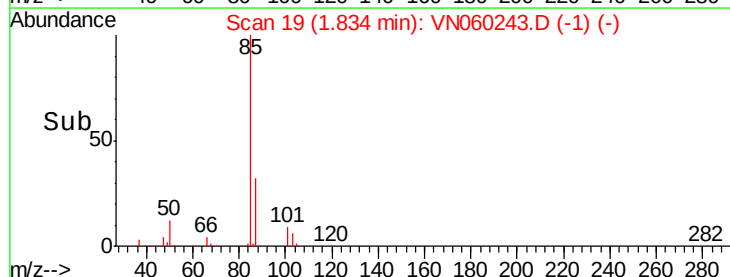
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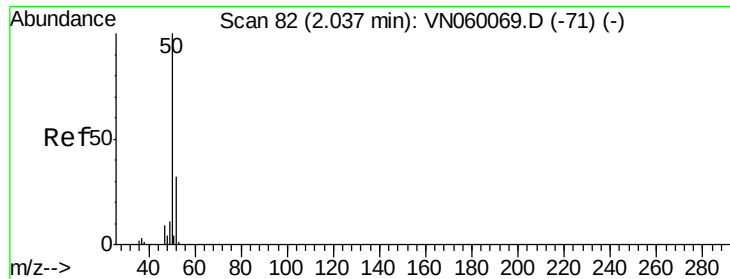
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 71.719 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

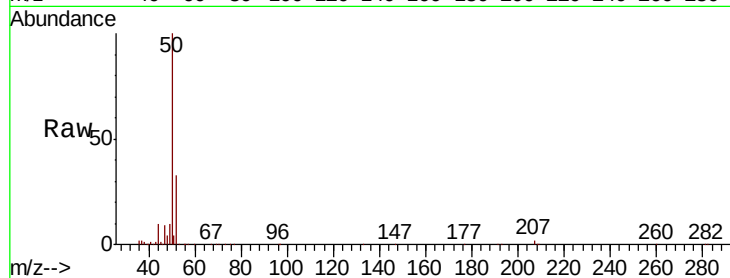
ClientSampleId :

Tot Ion: 50 Resp: 181379

Ion Ratio Lower Upper

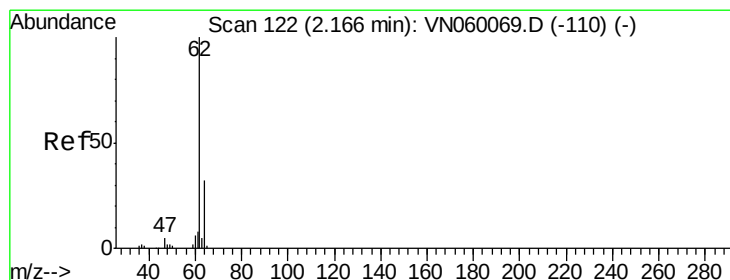
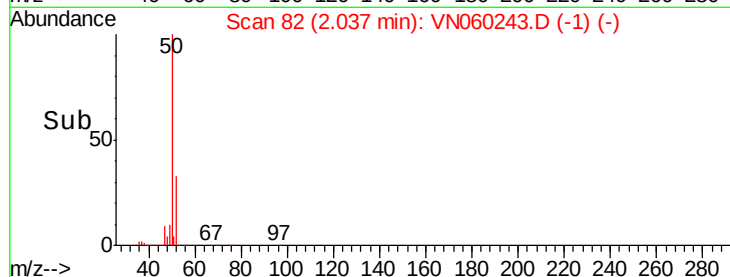
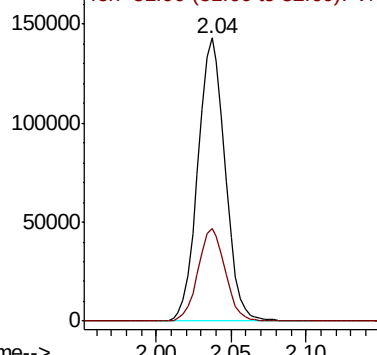
50 100

52 32.9 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 51.493 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060243.D

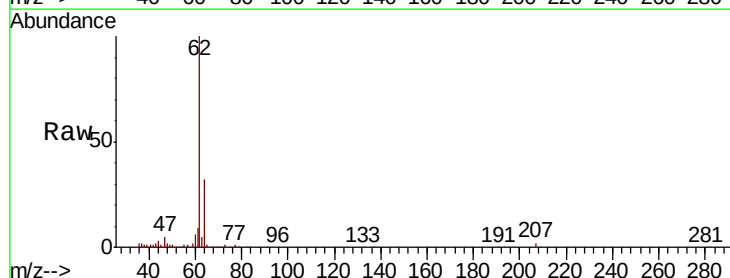
Acq: 25 Feb 2020 18:37

Tgt Ion: 62 Resp: 148438

Ion Ratio Lower Upper

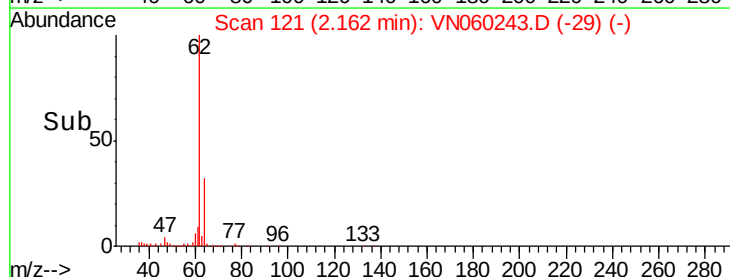
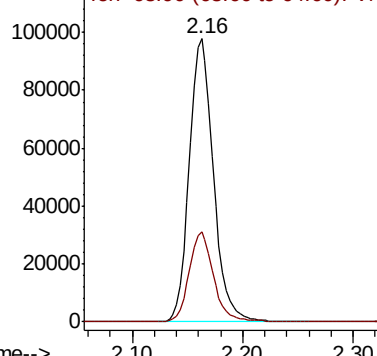
62 100

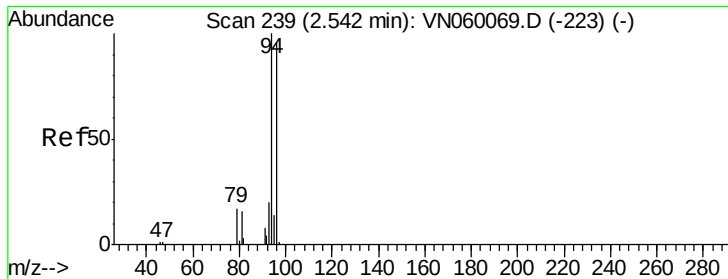
64 31.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 29.026 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

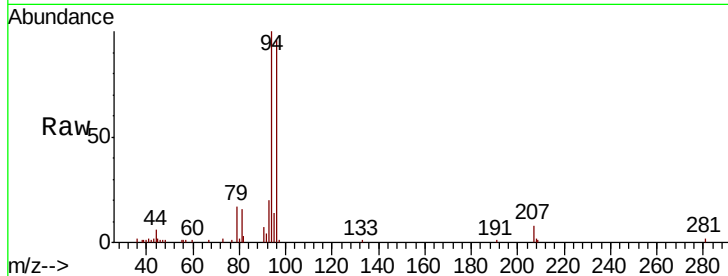
ClientSampled :

Tot Ion: 94 Resp: 51305

Ion Ratio Lower Upper

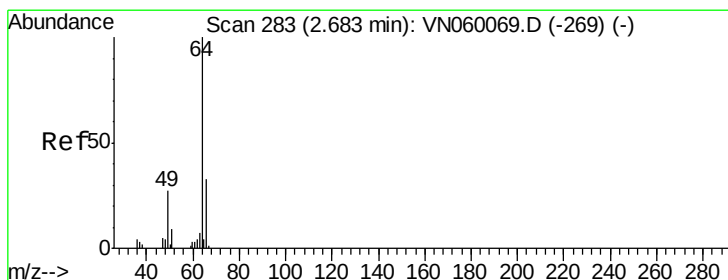
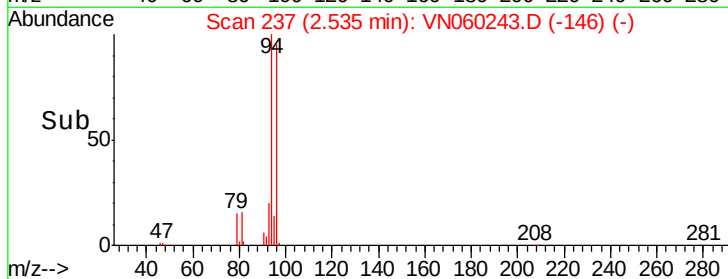
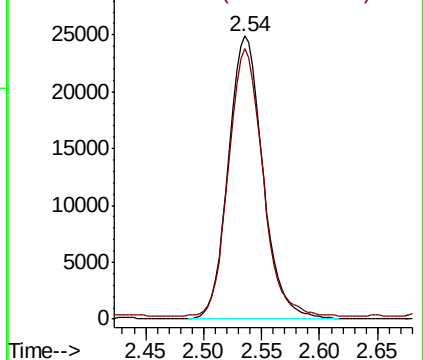
94 100

96 94.5 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 53.471 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060243.D

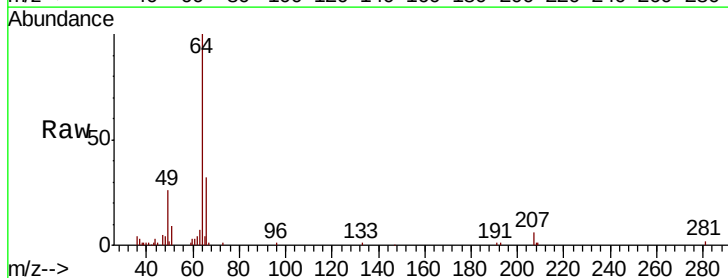
Acq: 25 Feb 2020 18:37

Tgt Ion: 64 Resp: 77962

Ion Ratio Lower Upper

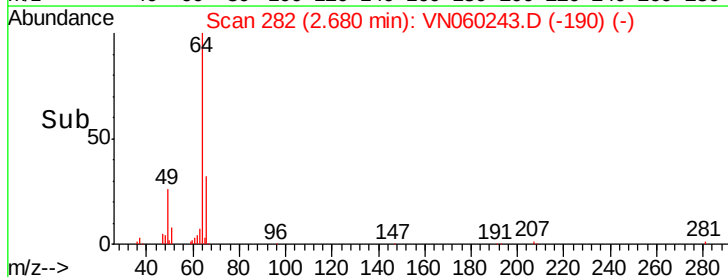
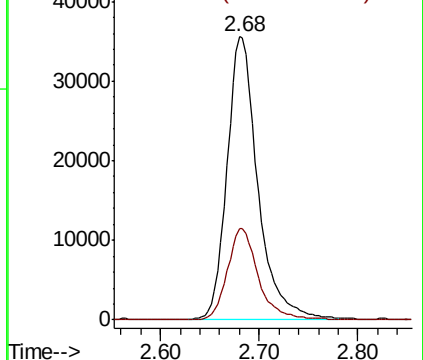
64 100

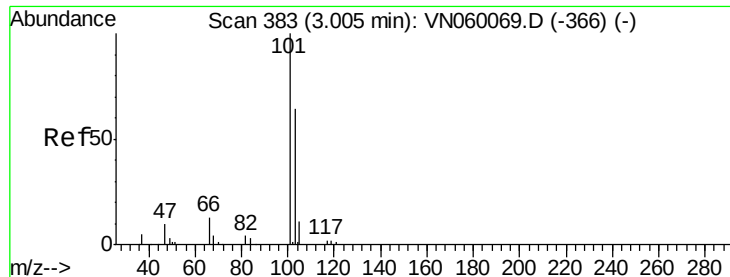
66 32.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



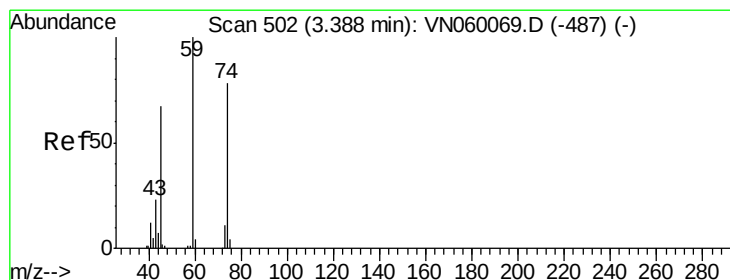
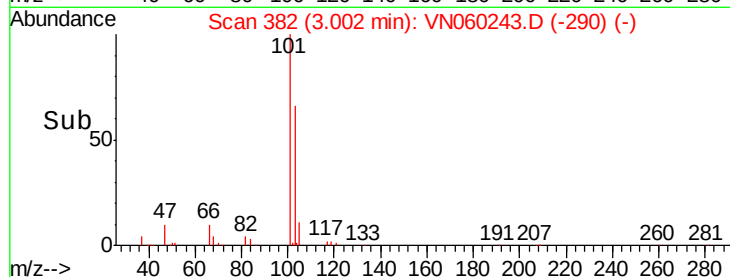
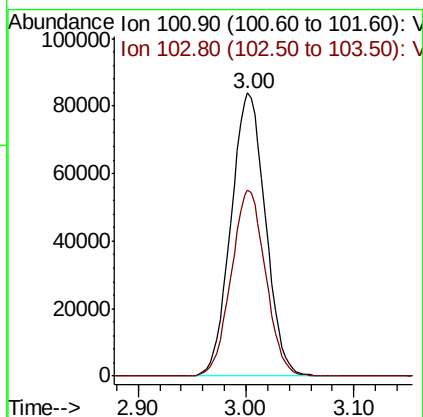
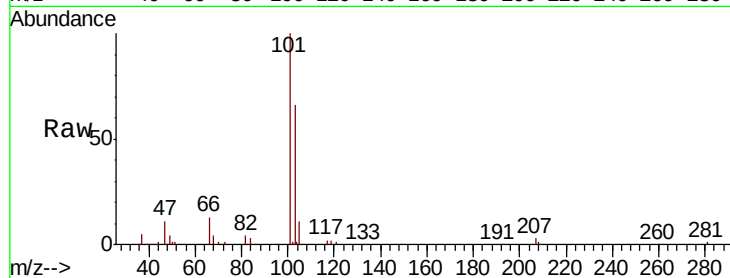


#7

Trichlorofluoromethane
 Concen: 50.173 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Instrument :
 MSVOA_N
 ClientSampleId :

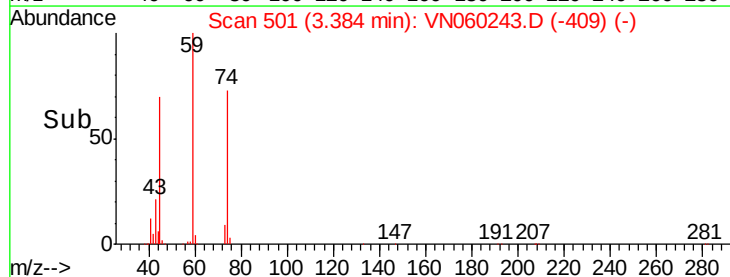
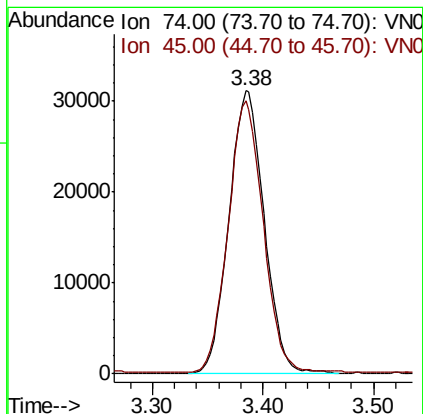
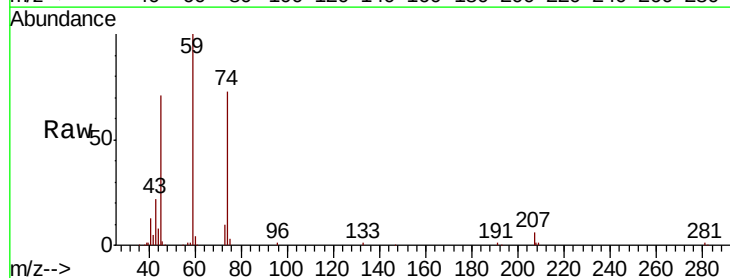
Tot Ion:101 Resp: 186475
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.0 76.6

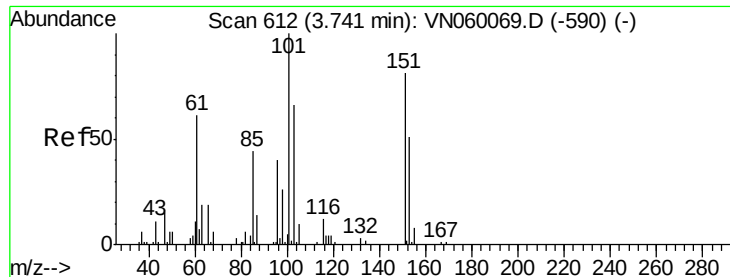


#8

Diethyl Ether
 Concen: 55.910 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Tgt Ion: 74 Resp: 69171
 Ion Ratio Lower Upper
 74 100
 45 95.2 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.491 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

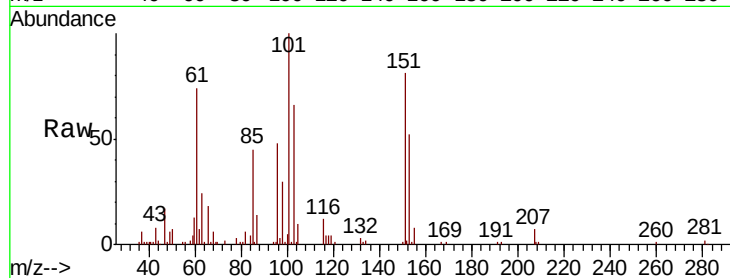
Tot Ion:101 Resp: 104186

Ion Ratio Lower Upper

101 100

85 45.2 35.1 52.7

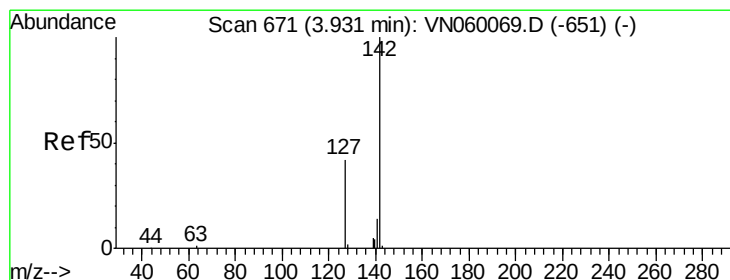
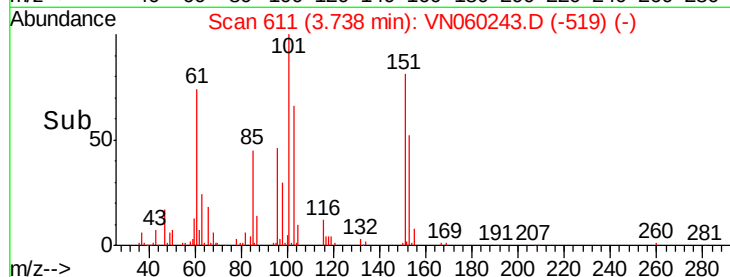
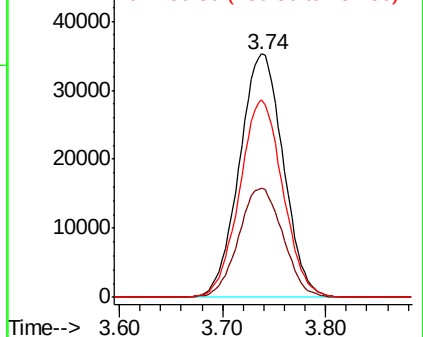
151 79.9 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.877 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

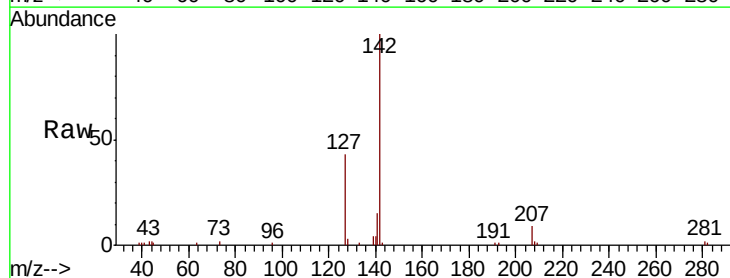
Tgt Ion:142 Resp: 88685

Ion Ratio Lower Upper

142 100

127 42.7 33.6 50.4

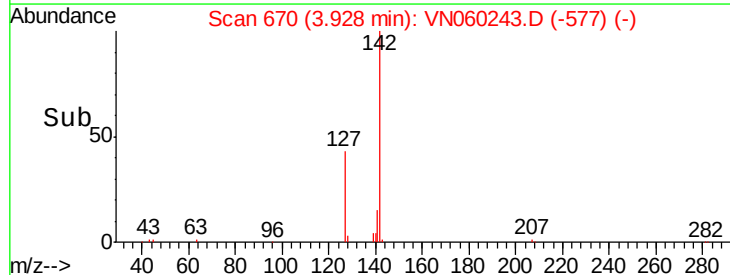
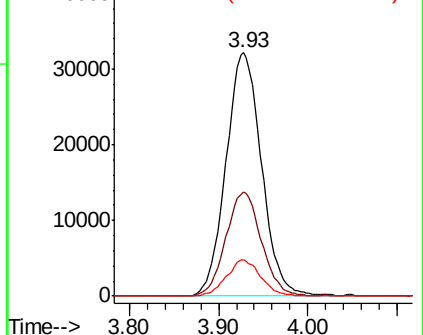
141 14.3 11.4 17.2

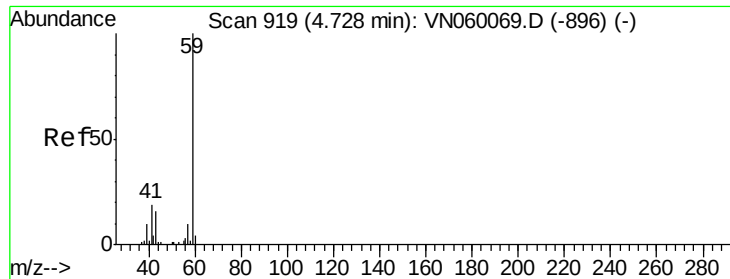


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



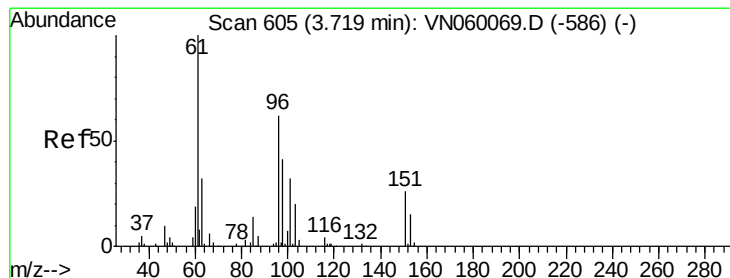
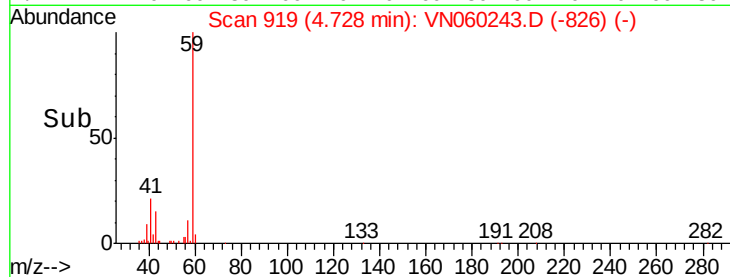
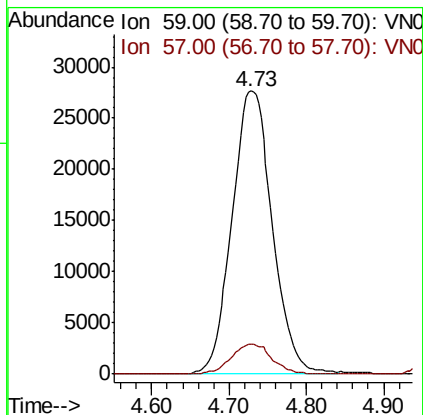
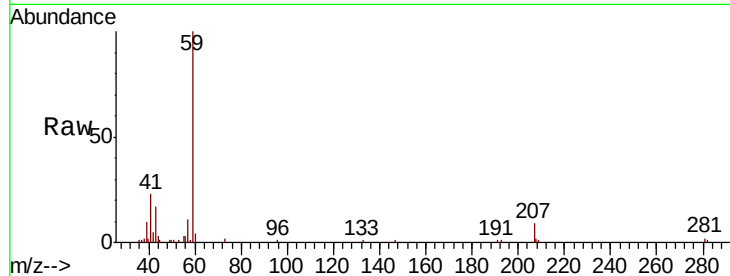


#11

Tert butyl alcohol
 Concen: 258.578 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Instrument :
 MSVOA_N
 ClientSampleId :

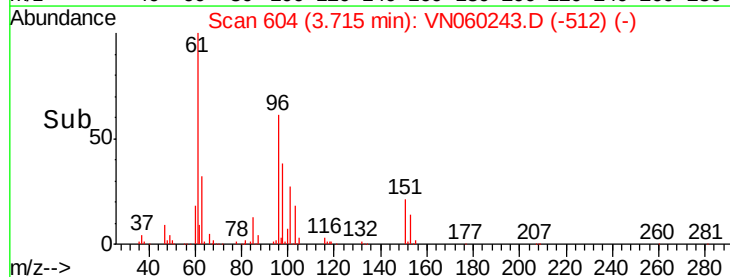
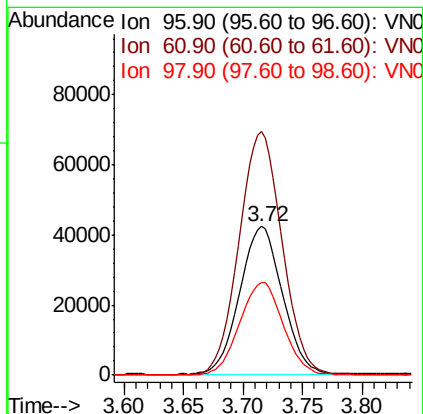
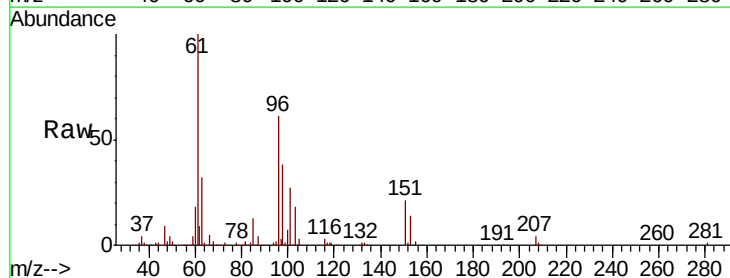
Tot Ion: 59 Resp: 100108
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.4

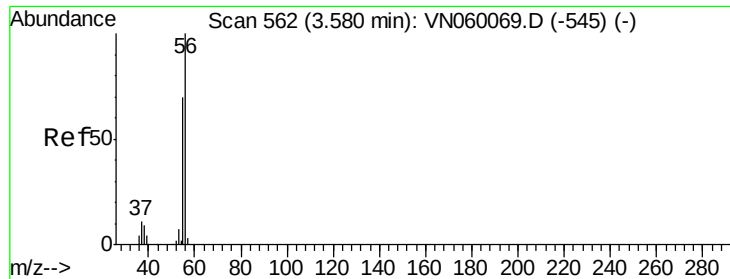


#12

1,1-Dichloroethene
 Concen: 51.991 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Tgt Ion: 96 Resp: 104510
 Ion Ratio Lower Upper
 96 100
 61 164.7 128.3 192.5
 98 62.6 52.2 78.4





#13

Acrolein

Concen: 165.462 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

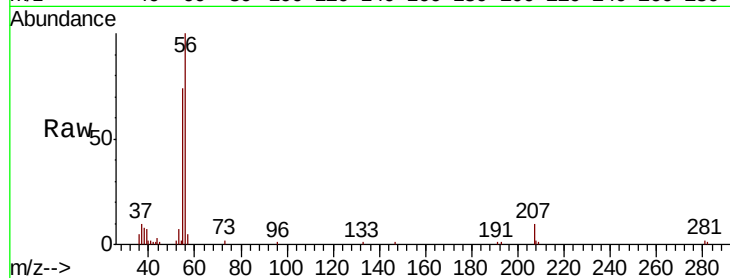
ClientSampled :

Tot Ion: 56 Resp: 63318

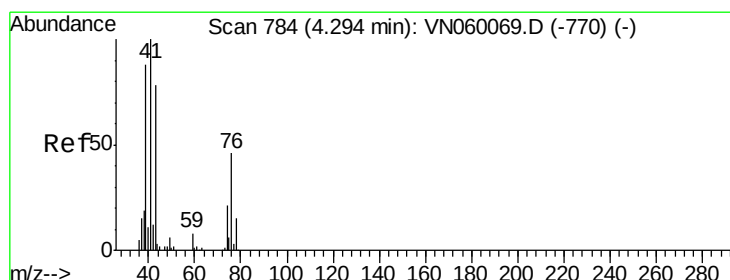
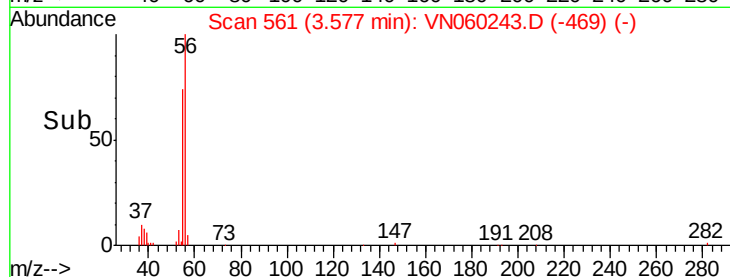
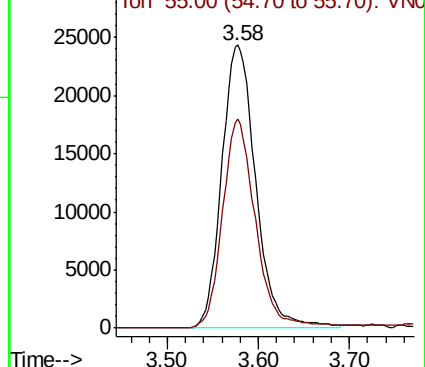
Ion Ratio Lower Upper

56 100

55 71.8 54.8 82.2



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



#14

Allyl chloride

Concen: 56.658 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

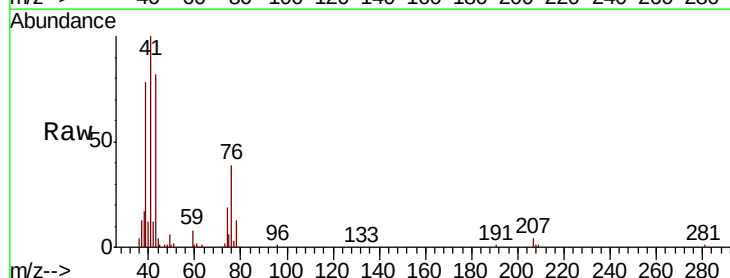
Tgt Ion: 41 Resp: 167629

Ion Ratio Lower Upper

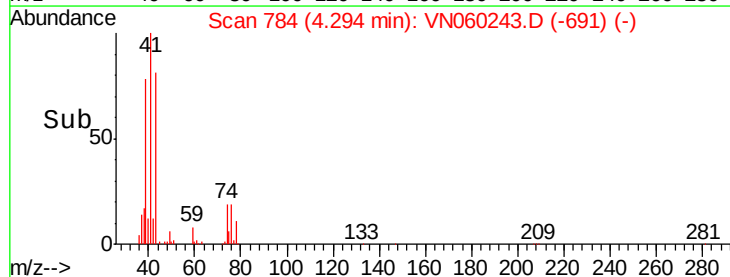
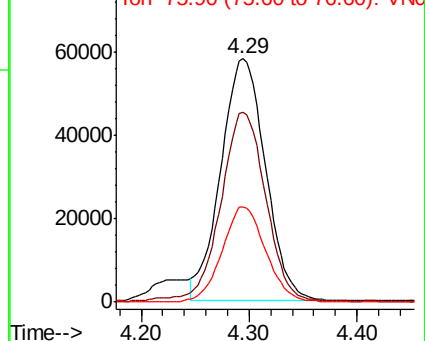
41 100

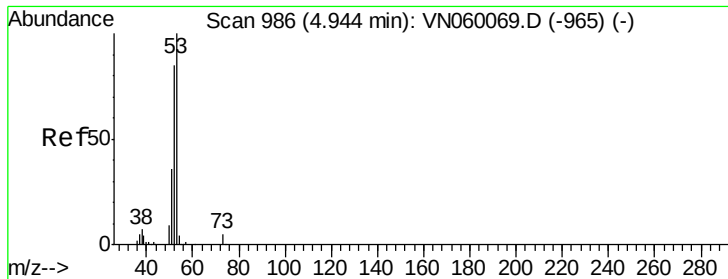
39 80.3 67.8 101.8

76 38.6 33.9 50.9



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





#15

Acrylonitrile

Concen: 290.322 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampled :

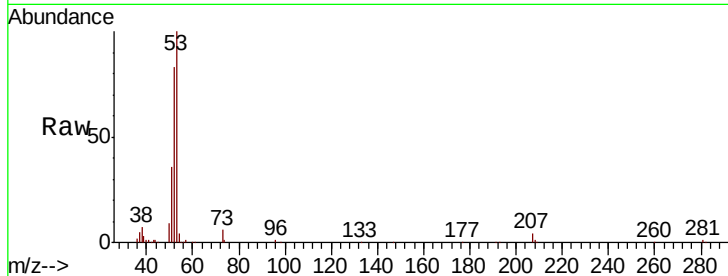
Tot Ion: 53 Resp: 274490

Ion Ratio Lower Upper

53 100

52 82.9 66.8 100.2

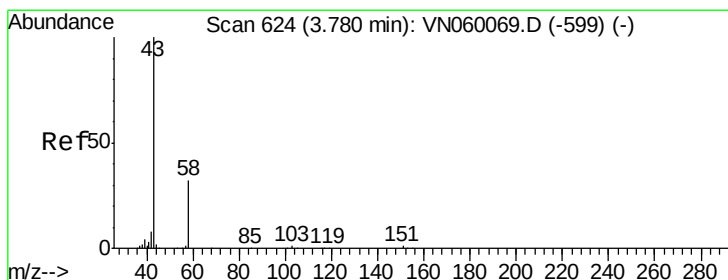
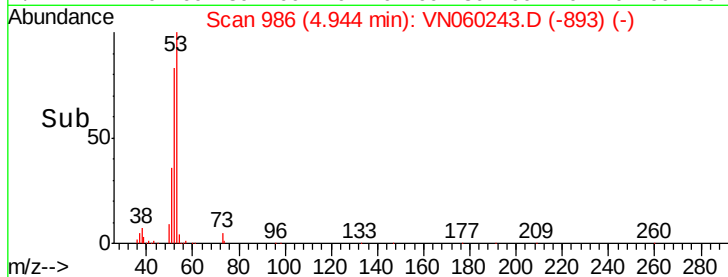
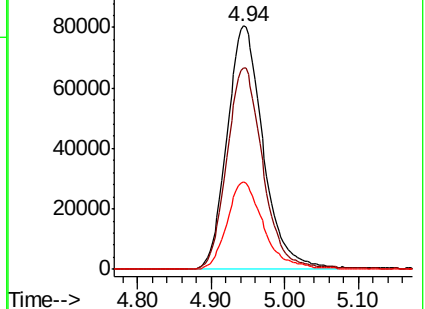
51 36.5 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060243.D (-531) (-)

Ion 52.00 (51.70 to 52.70): VN060243.D (-531) (-)

Ion 51.00 (50.70 to 51.70): VN060243.D (-531) (-)



#16

Acetone

Concen: 198.084 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060243.D

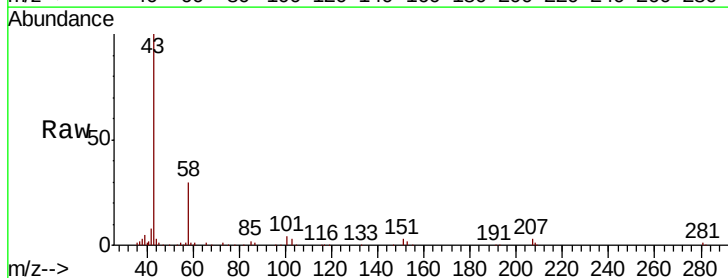
Acq: 25 Feb 2020 18:37

Tgt Ion: 43 Resp: 223535

Ion Ratio Lower Upper

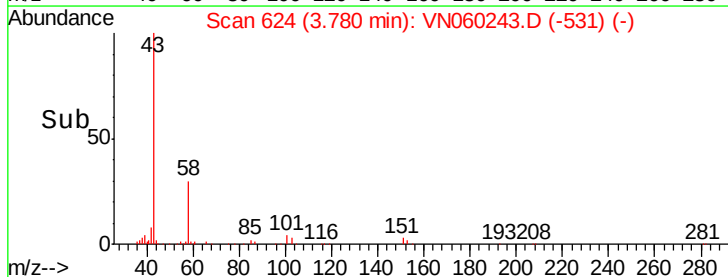
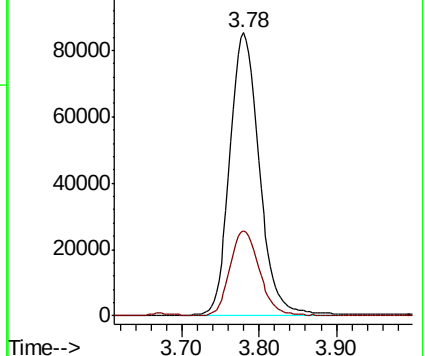
43 100

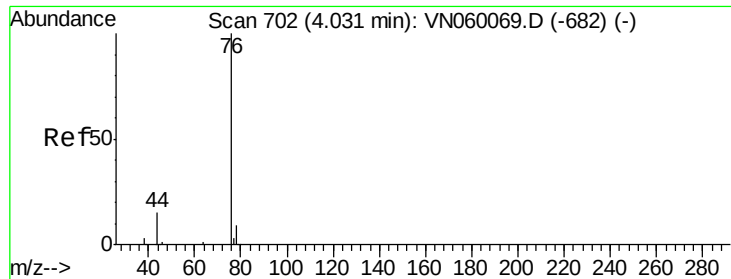
58 30.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060243.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060243.D (-531) (-)





#17

Carbon Disulfide

Concen: 46.788 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

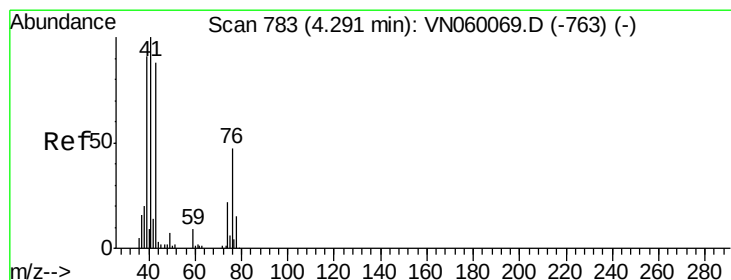
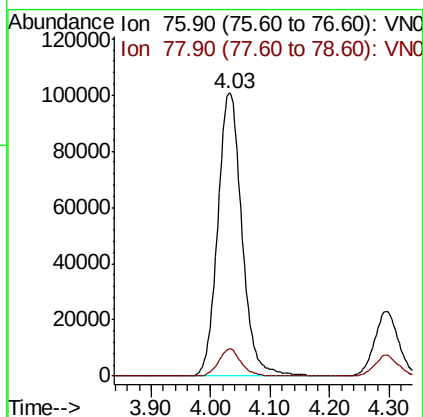
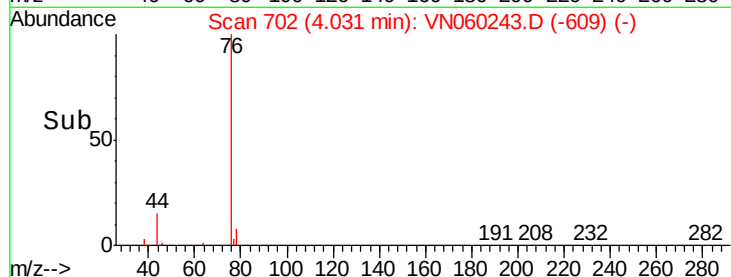
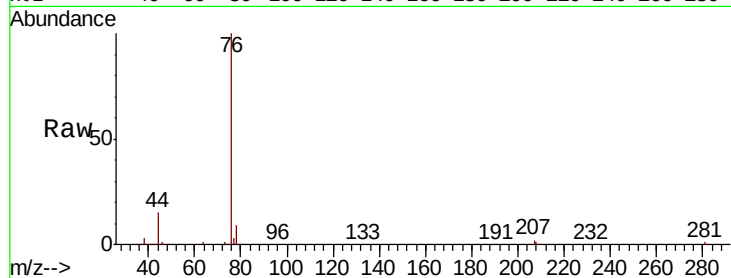
ClientSampleId :

Tot Ion: 76 Resp: 283483

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



#18

Methyl Acetate

Concen: 69.519 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.00 min

Lab File: VN060243.D

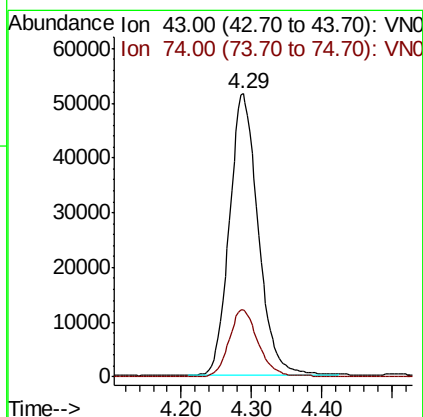
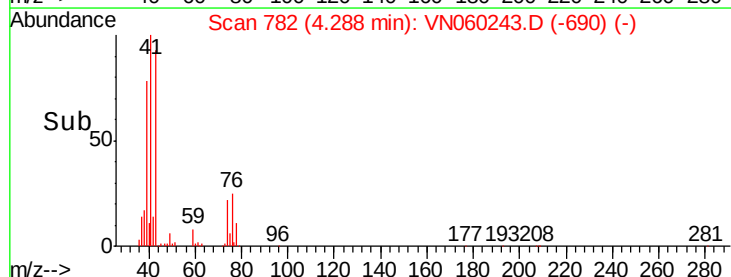
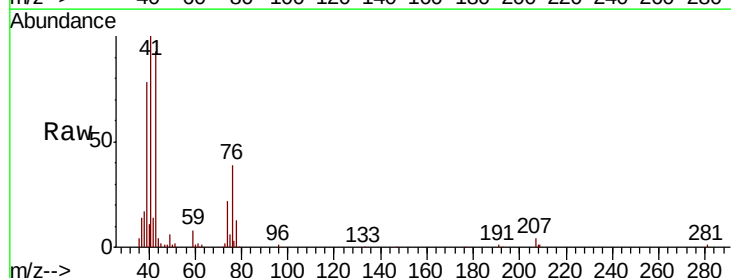
Acq: 25 Feb 2020 18:37

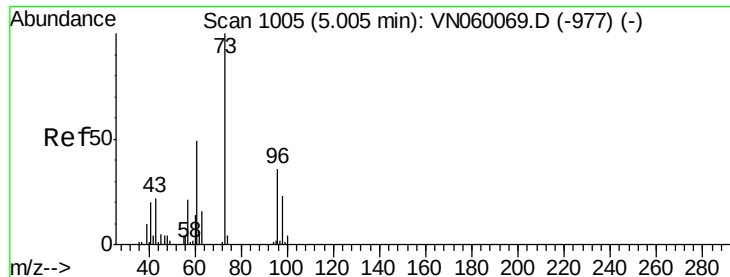
Tgt Ion: 43 Resp: 147371

Ion Ratio Lower Upper

43 100

74 24.2 20.3 30.5

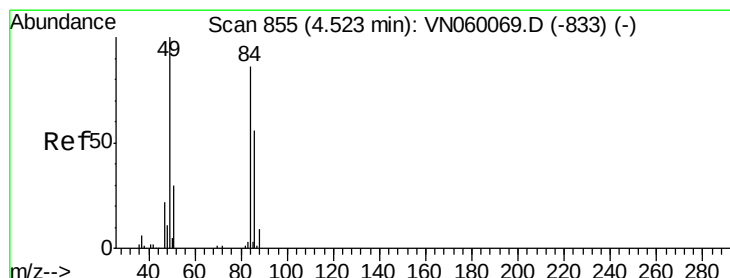
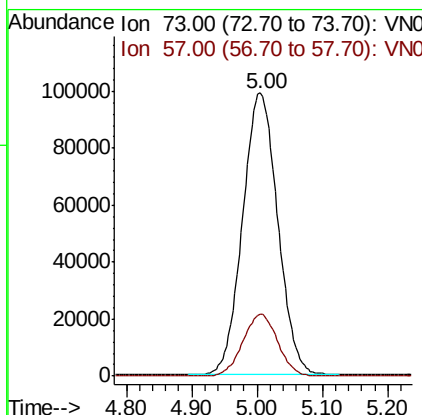
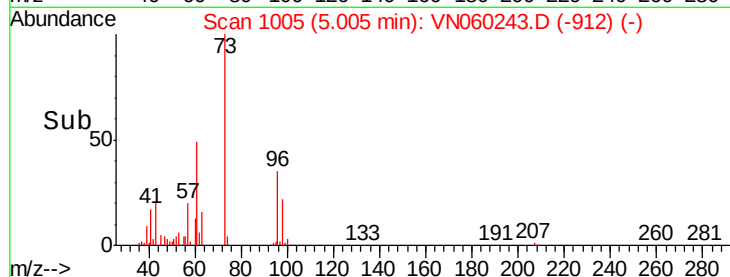
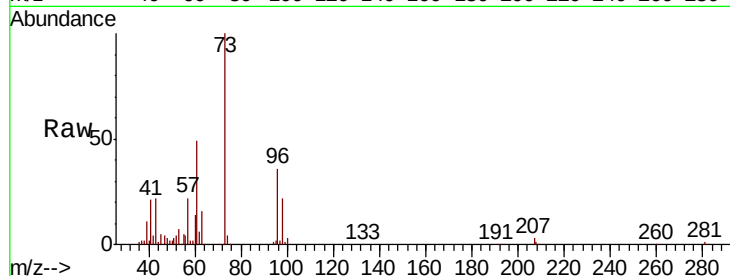




#19
Methyl tert-butyl Ether
Concen: 54.767 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

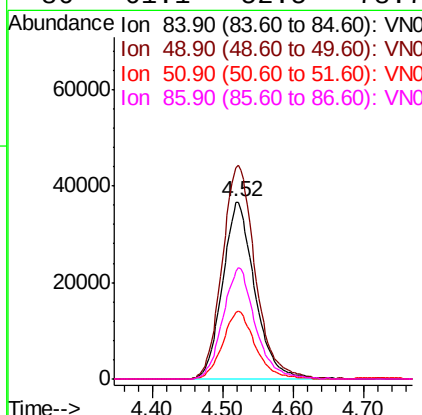
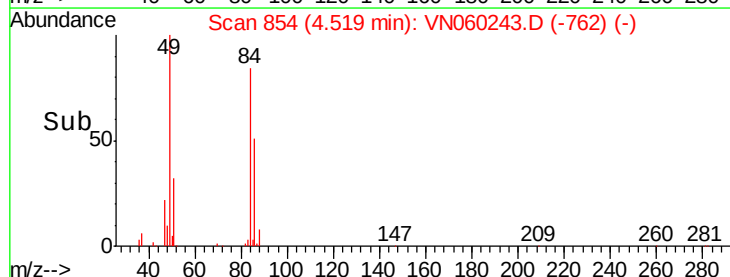
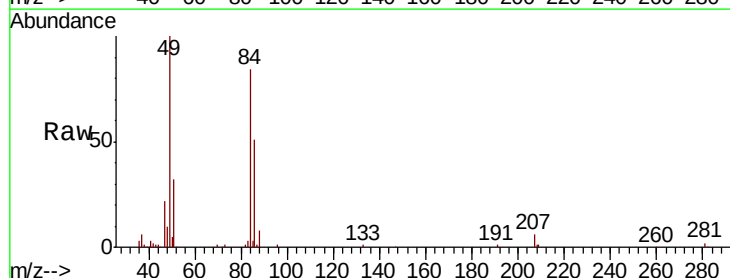
Instrument :
MSVOA_N
ClientSampled :

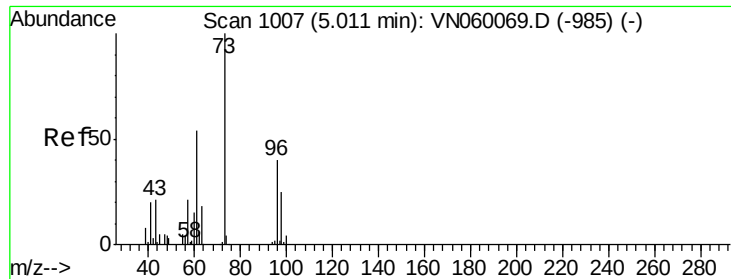
Tot Ion: 73 Resp: 370228
Ion Ratio Lower Upper
73 100
57 21.9 17.2 25.8



#20
Methylene Chloride
Concen: 51.947 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion: 84 Resp: 116953
Ion Ratio Lower Upper
84 100
49 119.7 93.4 140.0
51 38.0 28.4 42.6
86 61.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.322 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

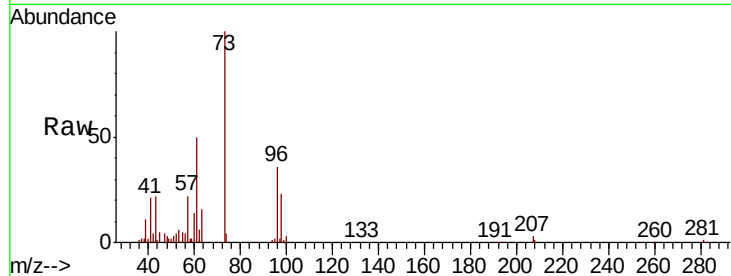
Tot Ion: 96 Resp: 112457

Ion Ratio Lower Upper

96 100

61 138.5 109.3 163.9

98 63.8 51.0 76.6

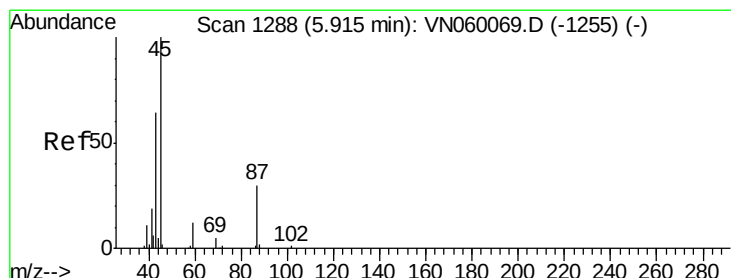
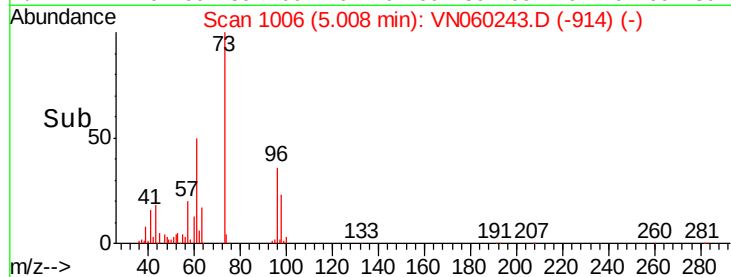
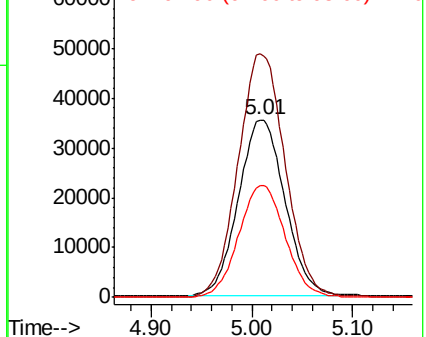


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 59.110 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Tgt Ion: 45 Resp: 383281

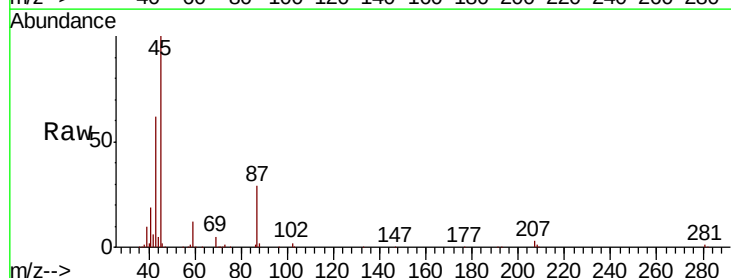
Ion Ratio Lower Upper

45 100

43 61.6 55.9 83.9

87 28.5 24.5 36.7

59 12.0 9.9 14.9



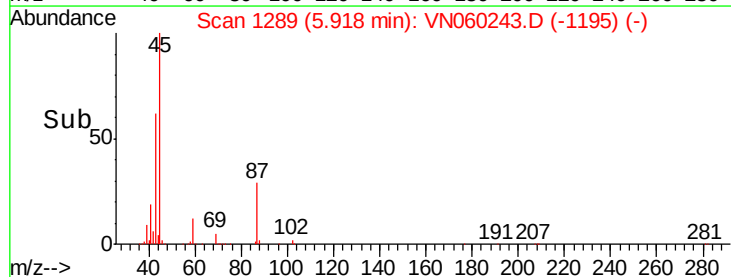
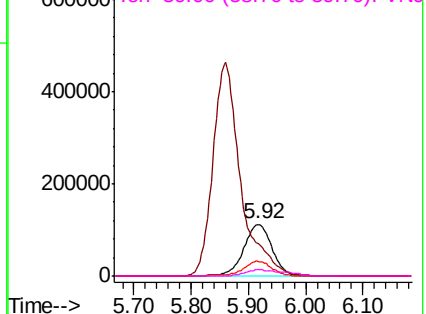
Abundance

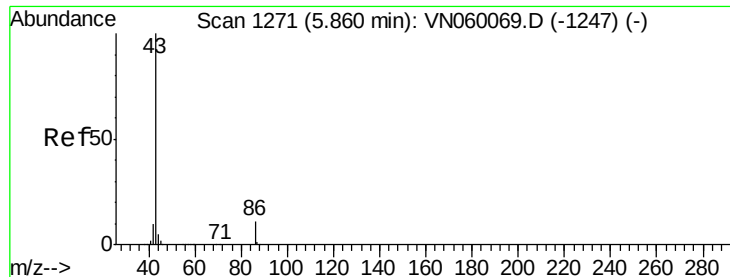
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 285.868 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

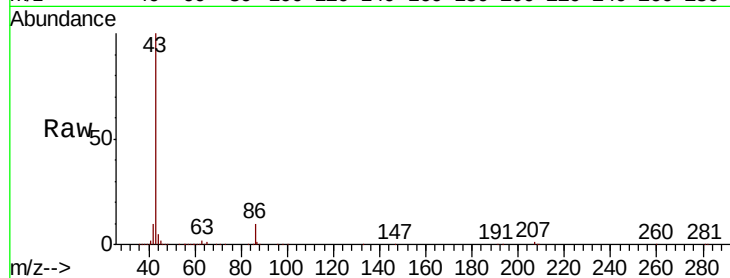
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1556604

Ion Ratio Lower Upper

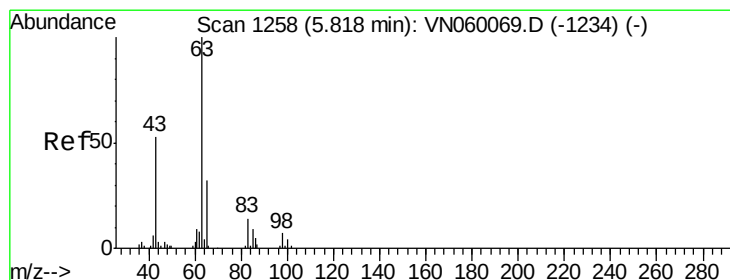
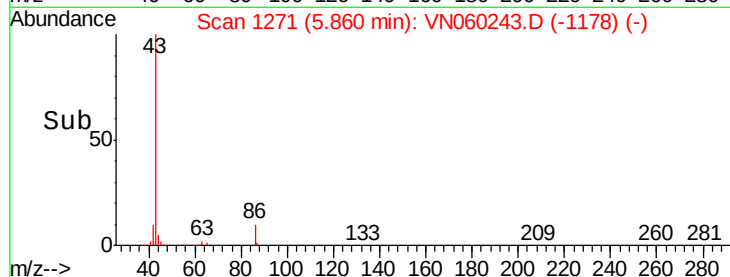
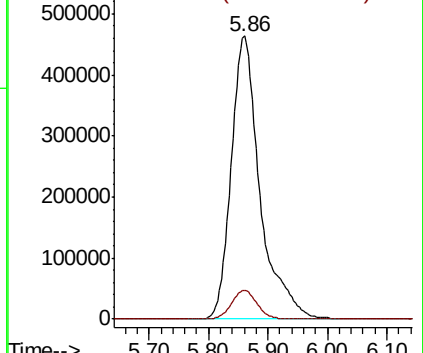
43 100

86 10.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 54.793 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

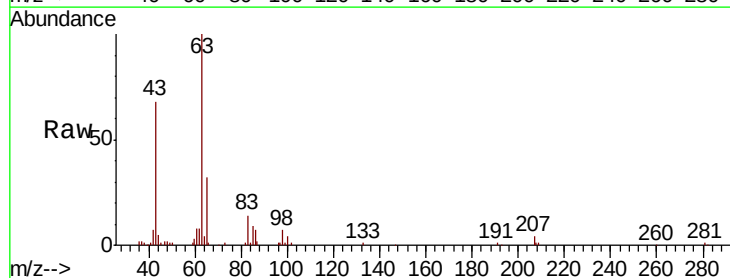
Tgt Ion: 63 Resp: 215230

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

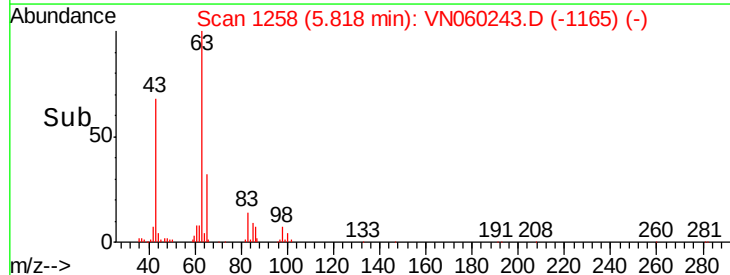
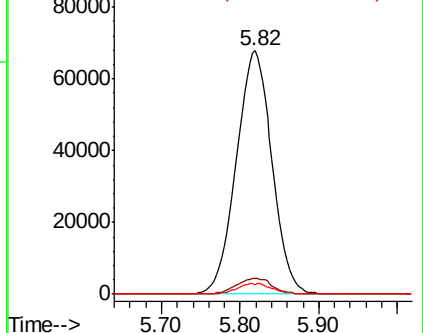
100 4.1 2.2 6.6

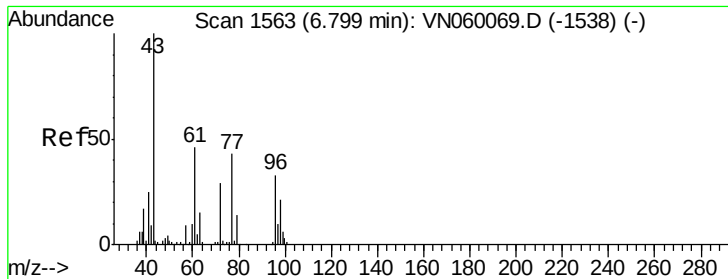


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 261.372 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

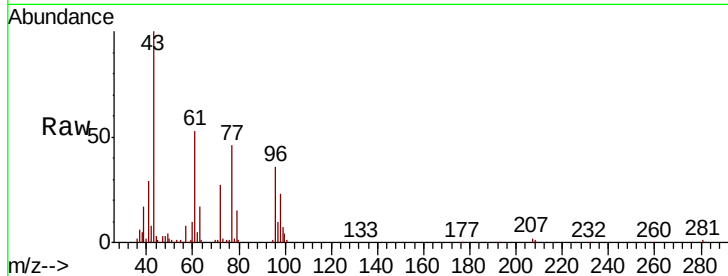
ClientSampleId :

Tot Ion: 43 Resp: 370957

Ion Ratio Lower Upper

43 100

72 27.0 23.3 34.9



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

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

6.80

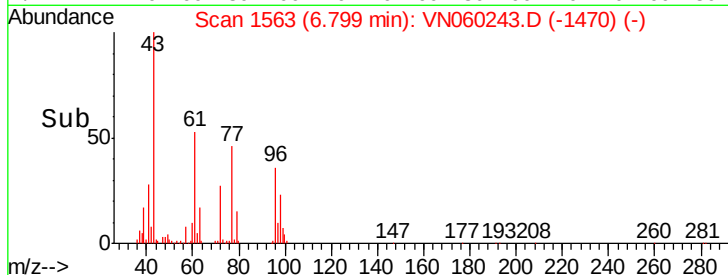
150000

100000

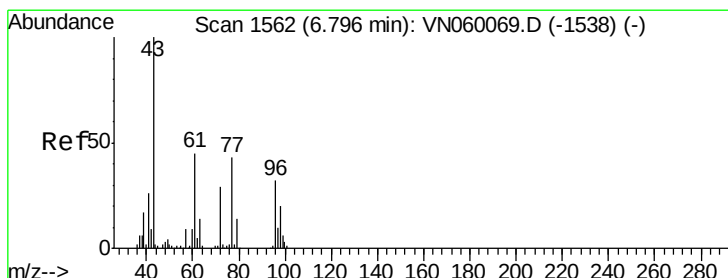
50000

0

6.70 6.75 6.80 6.85 6.90



Time-->



#26

2,2-Dichloropropane

Concen: 50.511 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060243.D

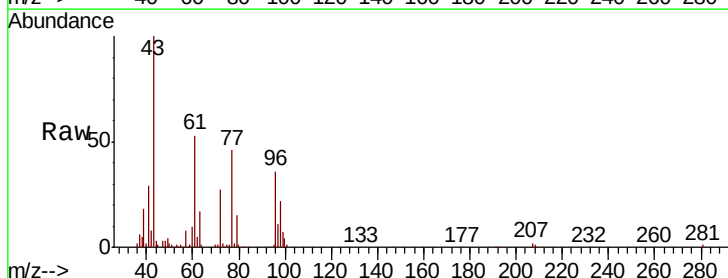
Acq: 25 Feb 2020 18:37

Tgt Ion: 77 Resp: 188453

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2



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

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

6.80

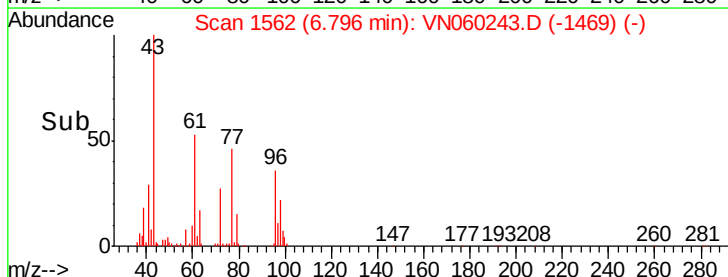
60000

40000

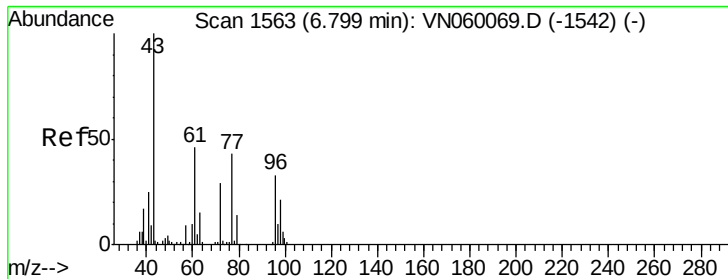
20000

0

6.70 6.75 6.80 6.85 6.90



Time-->



#27

cis-1,2-Dichloroethene

Concen: 52.331 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

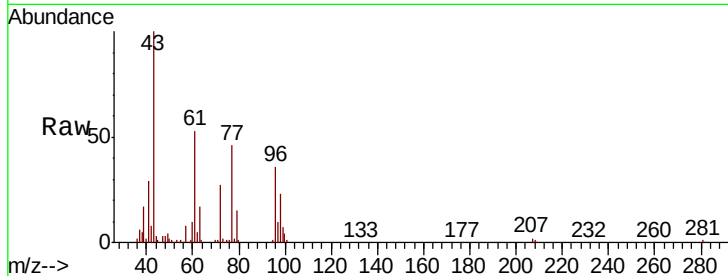
Tot Ion: 96 Resp: 134198

Ion Ratio Lower Upper

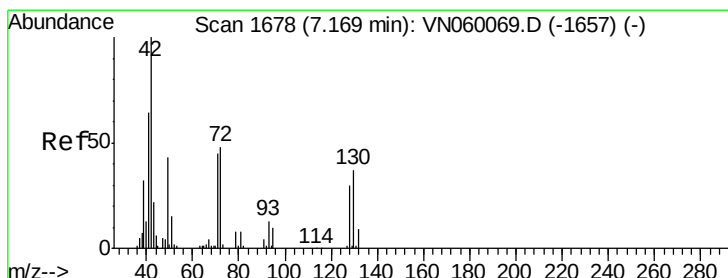
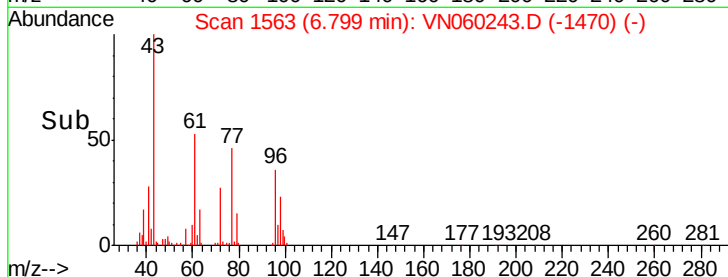
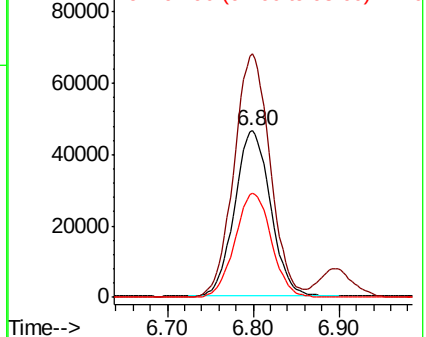
96 100

61 148.9 0.0 285.8

98 63.9 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: 56.358 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

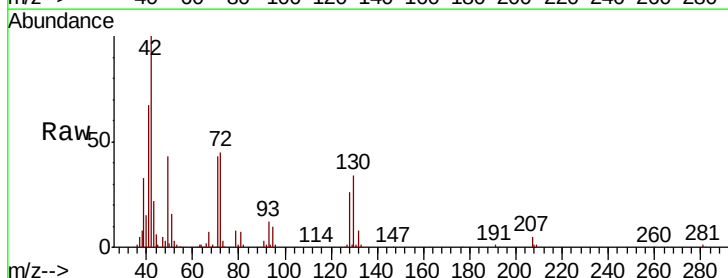
Tgt Ion: 49 Resp: 87031

Ion Ratio Lower Upper

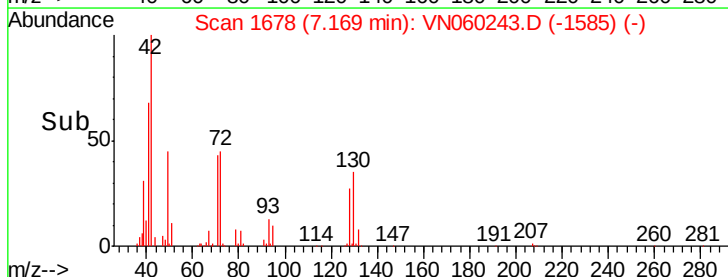
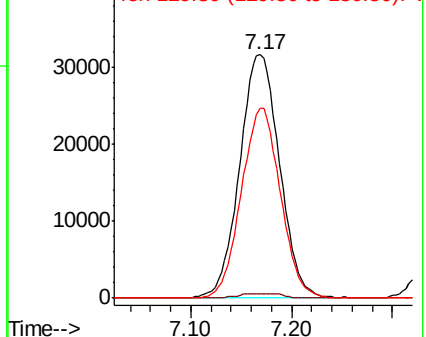
49 100

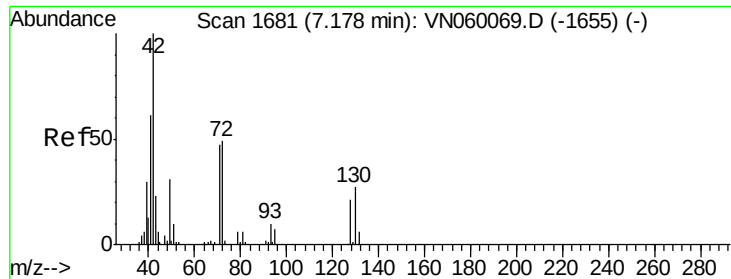
129 2.0 0.0 2.2

130 76.2 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

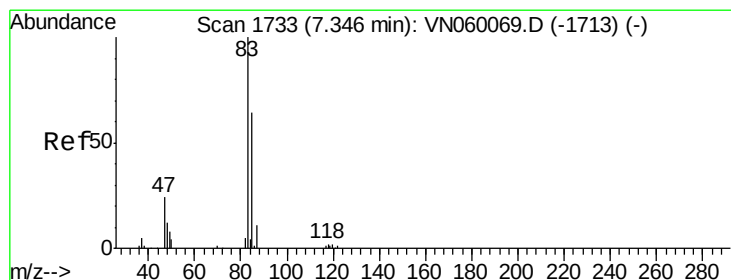
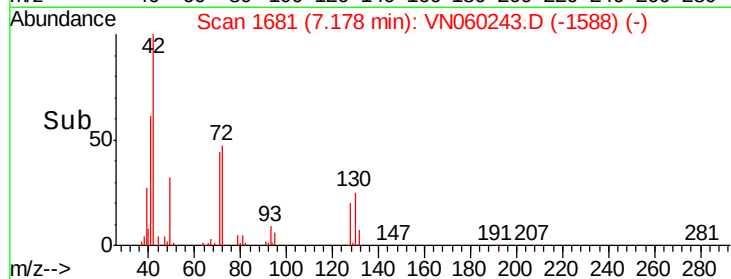
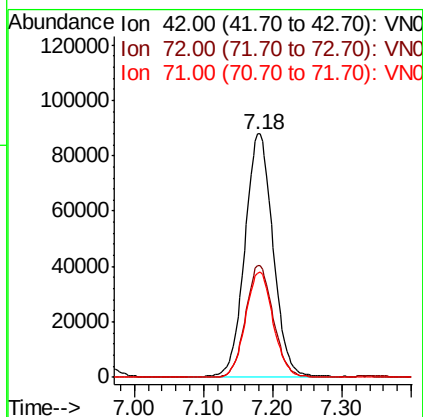
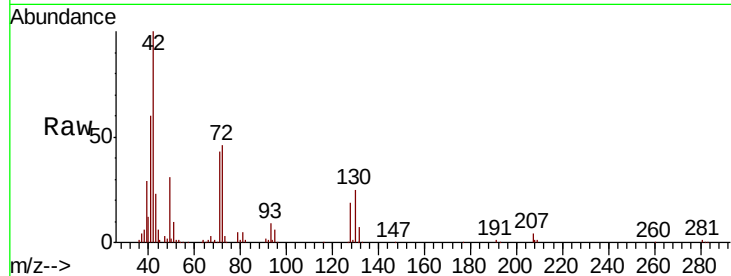




#29
Tetrahydrofuran
Concen: 286.370 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

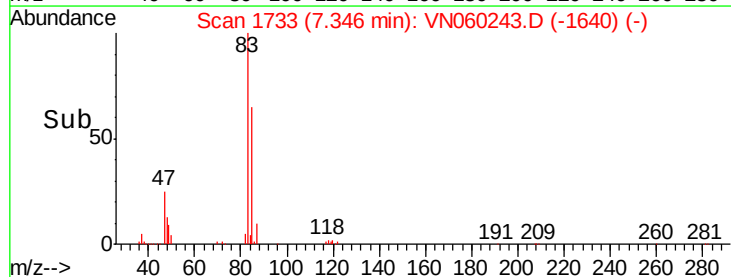
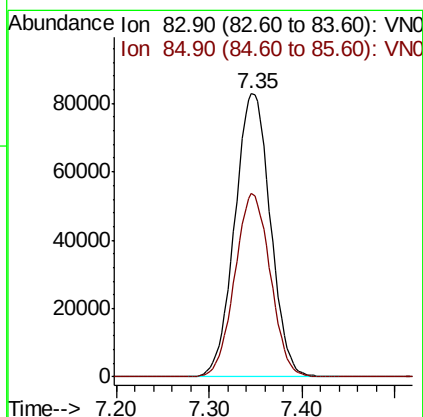
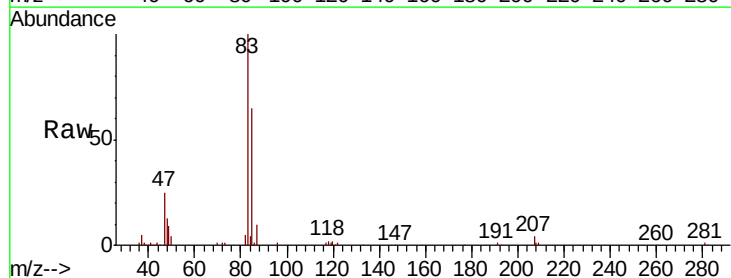
Instrument :
MSVOA_N
ClientSampleId :

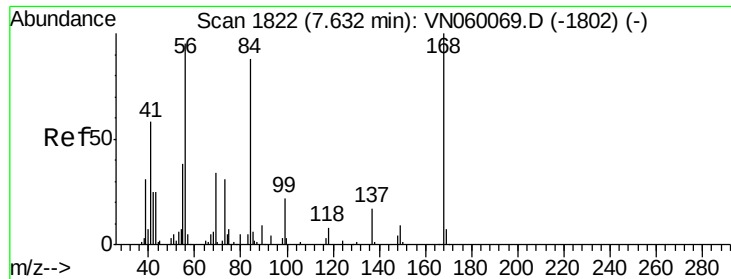
Tot Ion: 42 Resp: 249341
Ion Ratio Lower Upper
42 100
72 44.9 38.2 57.4
71 42.3 36.6 54.8



#30
Chloroform
Concen: 53.628 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion: 83 Resp: 220663
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0

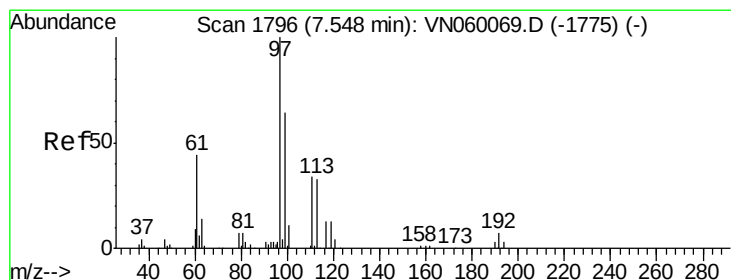
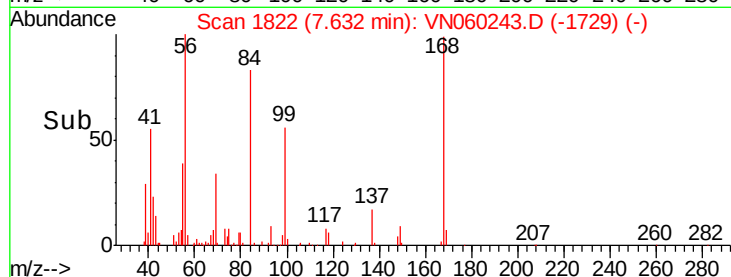
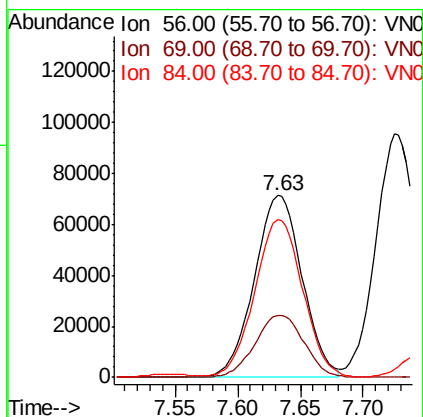
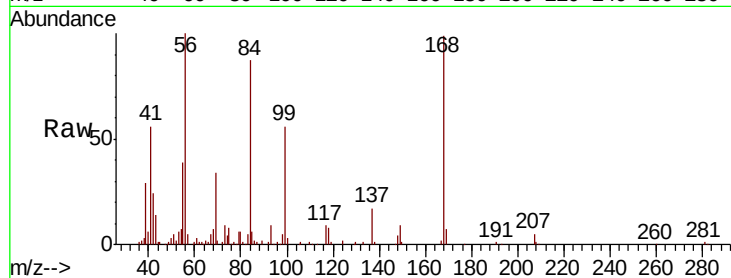




#31
Cyclohexane
Concen: 51.780 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

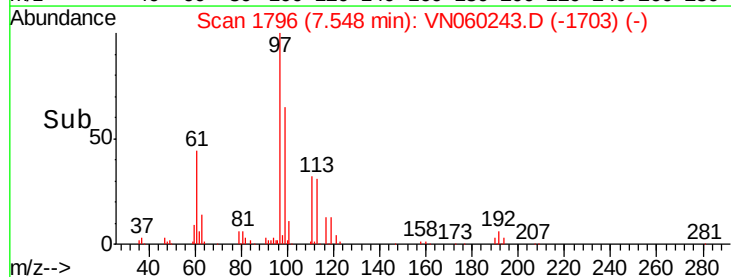
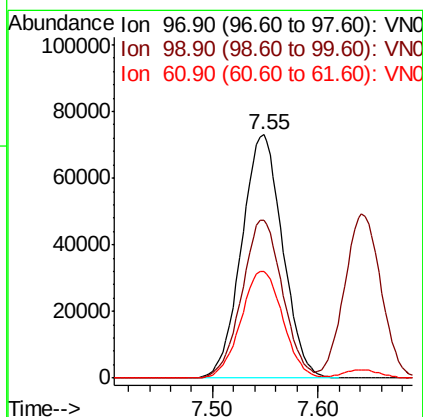
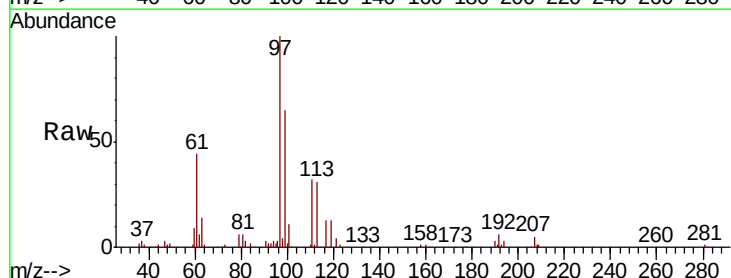
Instrument :
MSVOA_N
ClientSampled :

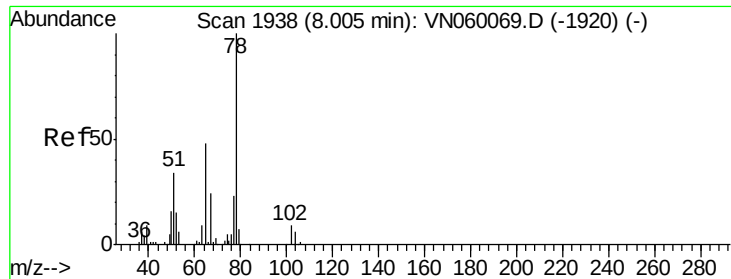
Tot Ion: 56 Resp: 189468
Ion Ratio Lower Upper
56 100
69 34.1 28.3 42.5
84 85.7 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 52.427 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion: 97 Resp: 197131
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 44.9 34.9 52.3

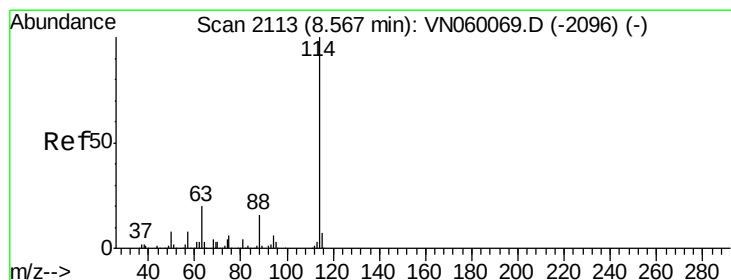
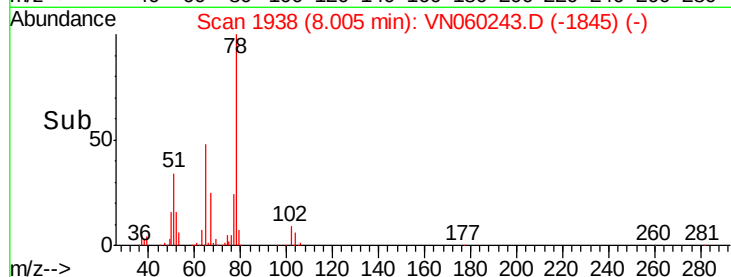
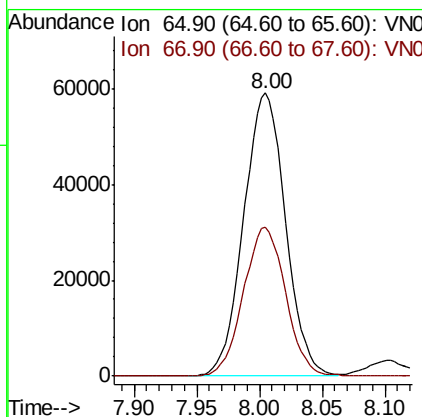
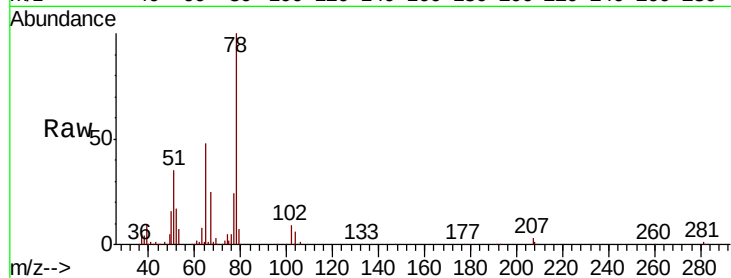




#33
 1,2-Dichloroethane-d4
 Concen: 53.005 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

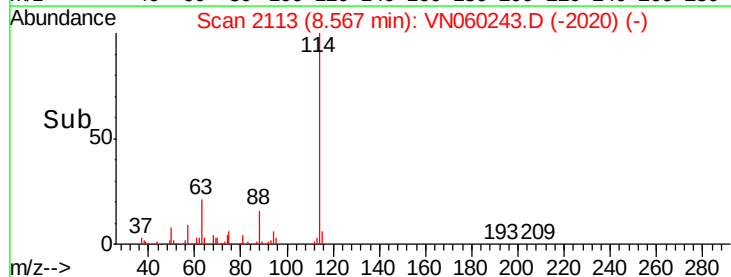
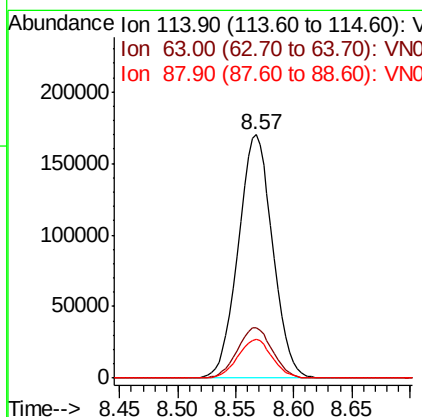
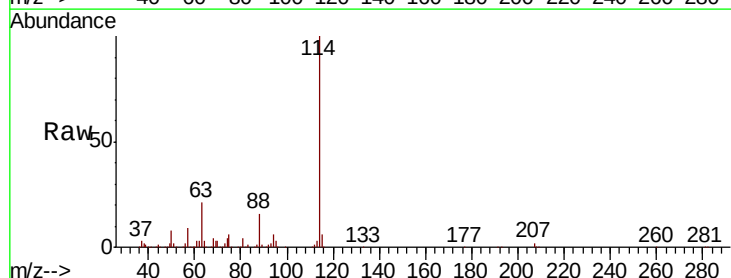
Instrument :
 MSVOA_N
 ClientSampleId :

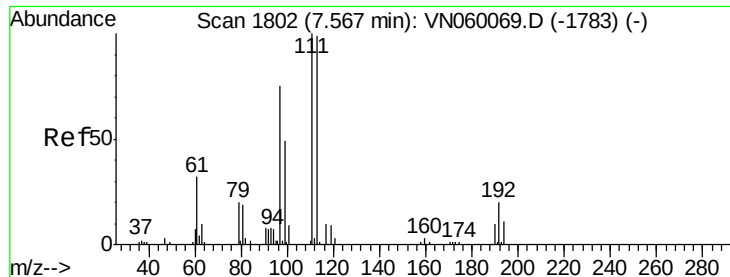
Tot Ion: 65 Resp: 137131
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Tgt Ion: 114 Resp: 349561
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.771 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :
MSVOA_N
ClientSampled :

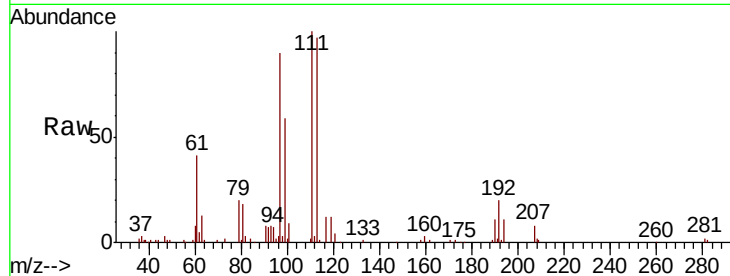
Tot Ion:113 Resp: 102648

Ion Ratio Lower Upper

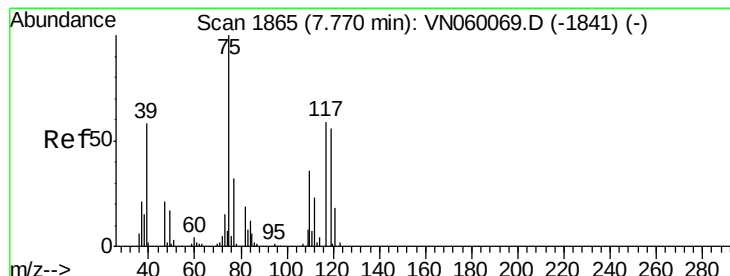
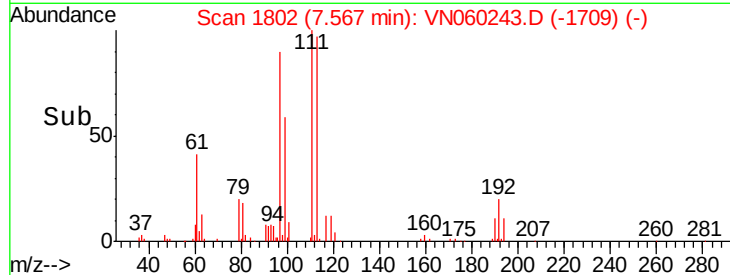
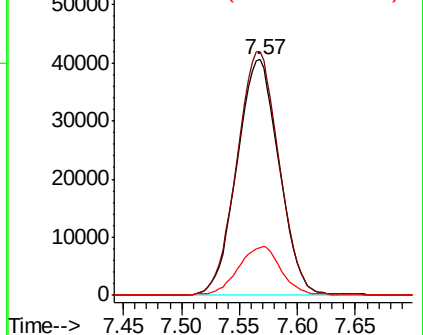
113 100

111 103.3 81.4 122.2

192 21.2 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: 49.925 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

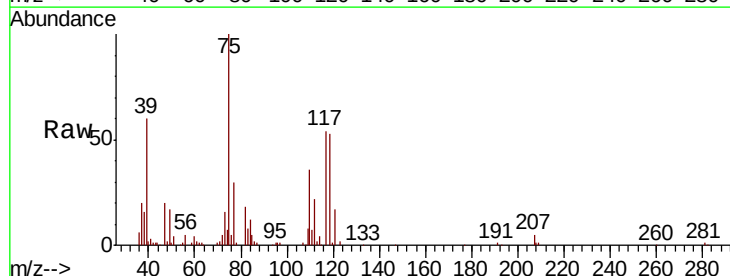
Tgt Ion: 75 Resp: 161647

Ion Ratio Lower Upper

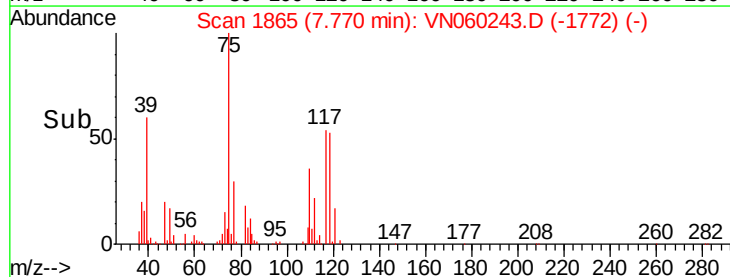
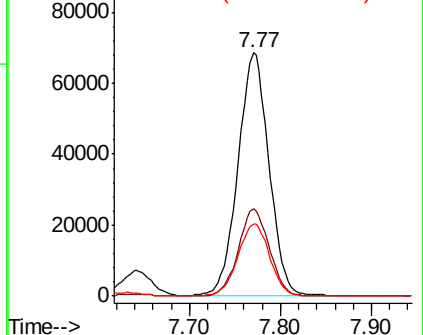
75 100

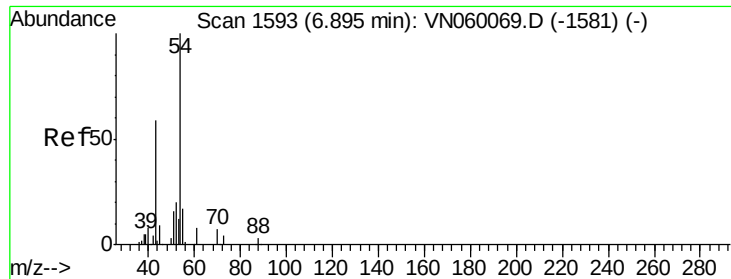
110 35.7 18.1 54.3

77 30.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VN0

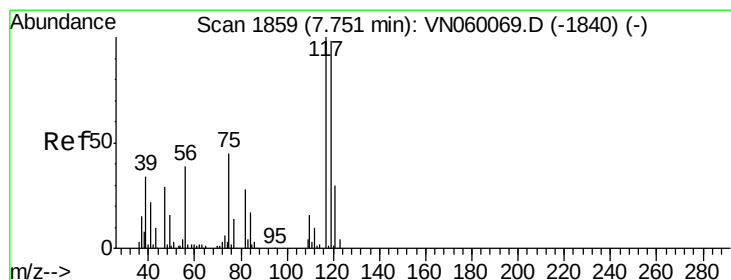
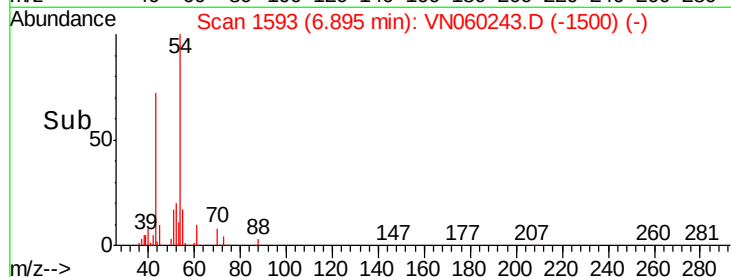
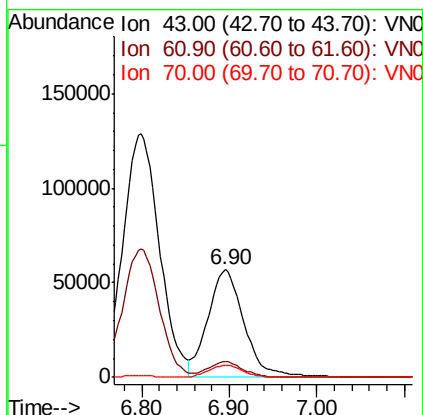
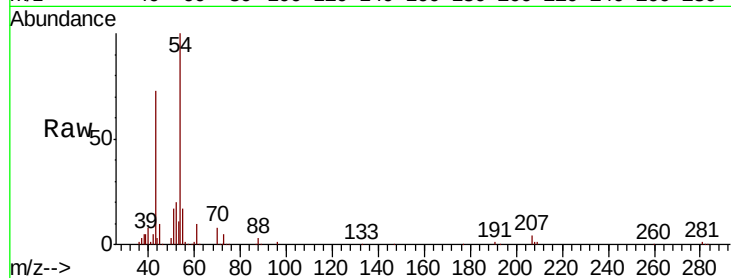




#37
Ethyl Acetate
Concen: 54.723 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

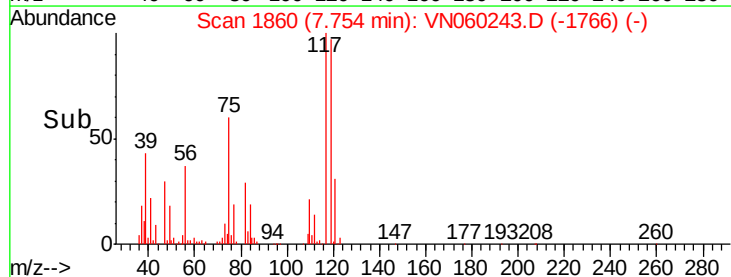
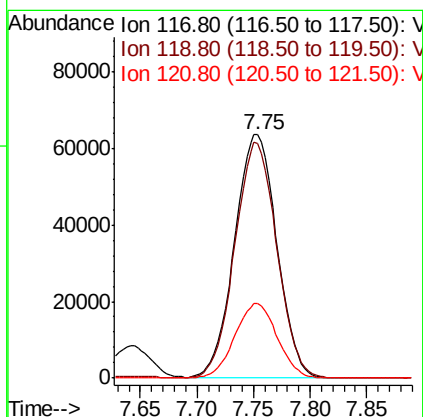
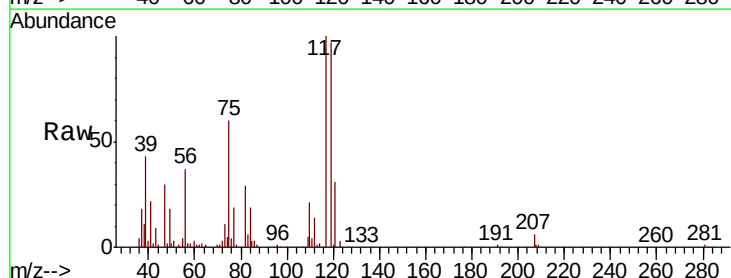
Instrument :
MSVOA_N
ClientSampleId :

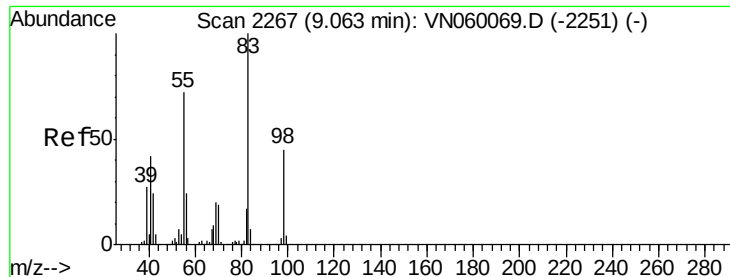
Tot Ion: 43 Resp: 160132
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.2
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 47.184 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion: 117 Resp: 165917
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.4
121 30.7 24.2 36.2

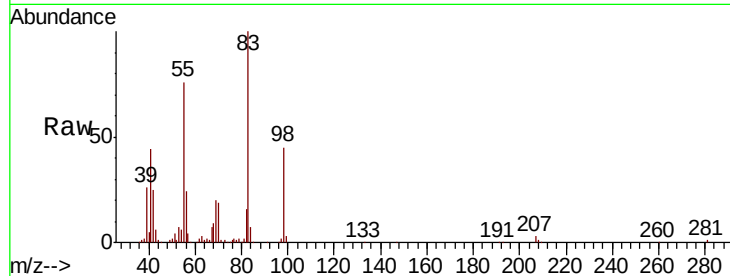




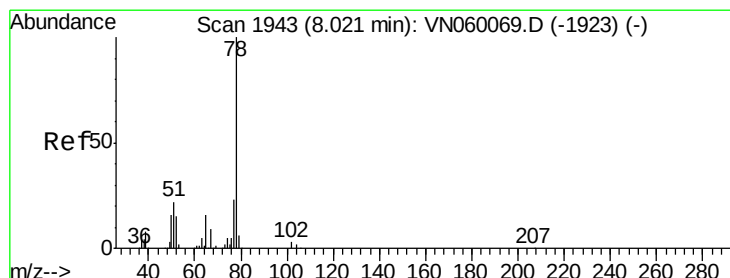
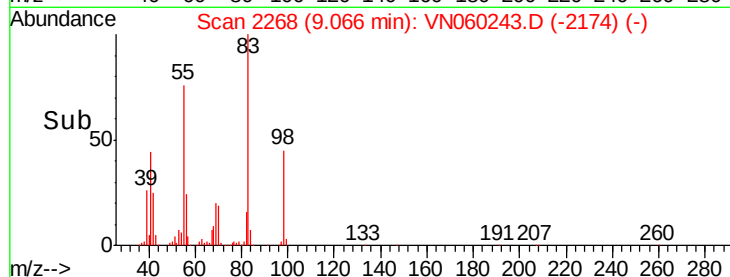
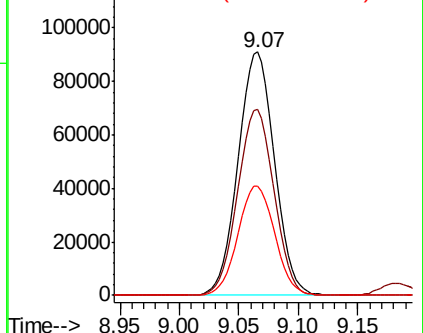
#39
Methylvlcyclohexane
Concen: 48.064 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 193175
Ion Ratio Lower Upper
83 100
55 76.4 57.8 86.8
98 44.9 36.4 54.6

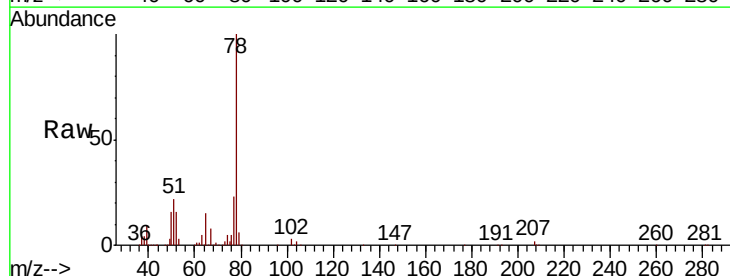


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

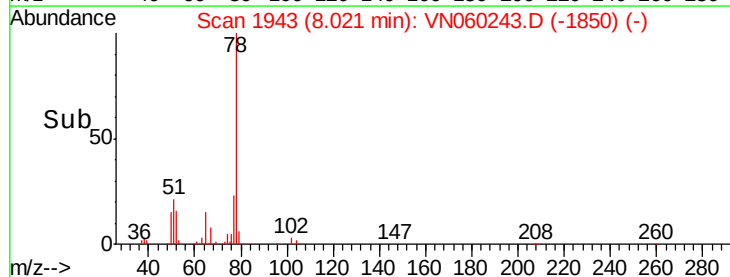
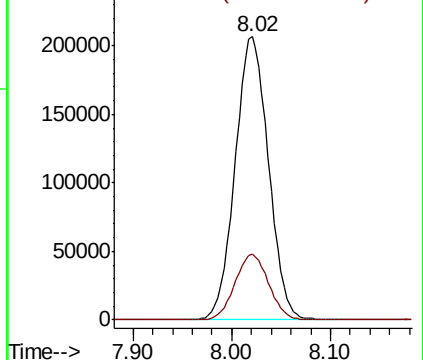


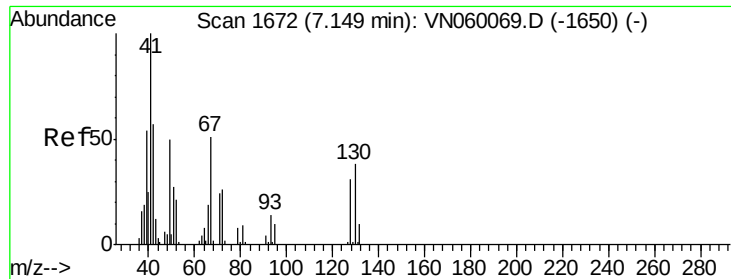
#40
Benzene
Concen: 50.447 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion: 78 Resp: 484519
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



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

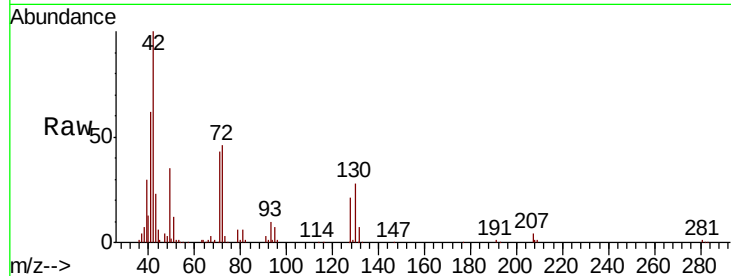




#41
Methacrylonitrile
Concen: 185.865 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	228088
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



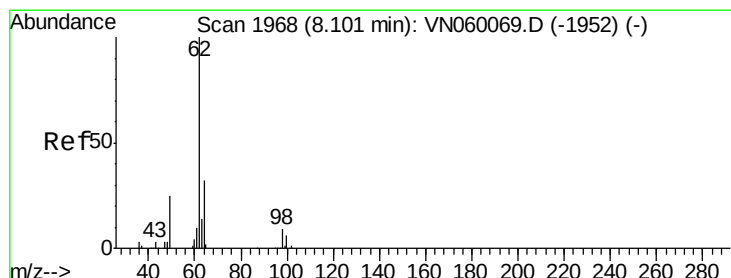
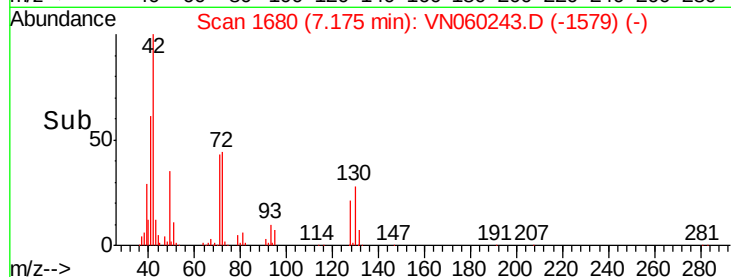
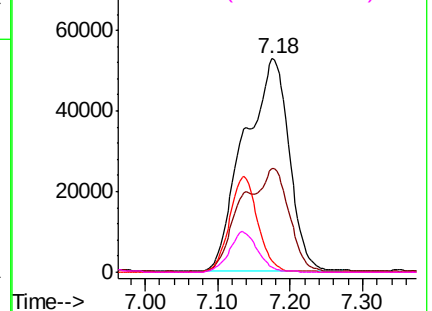
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

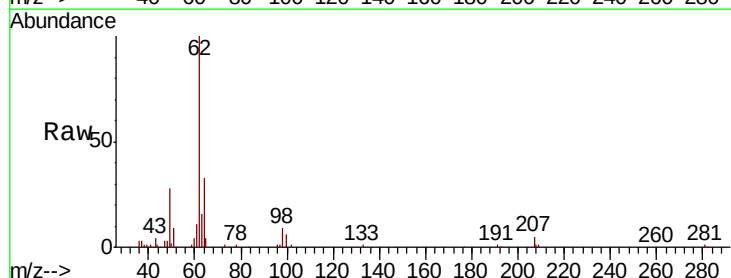
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 51.910 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

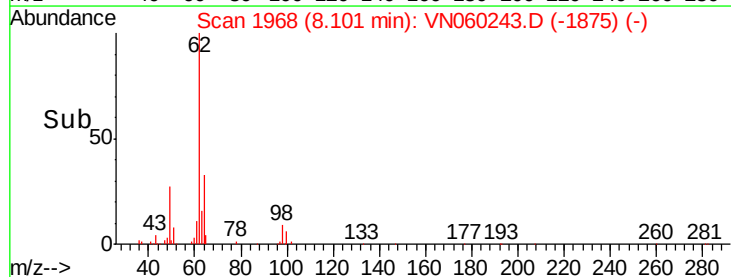
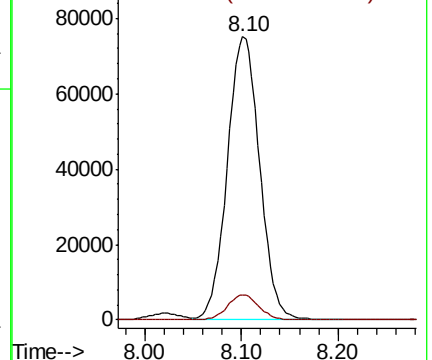
Tgt Ion:	62	Resp:	174740
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

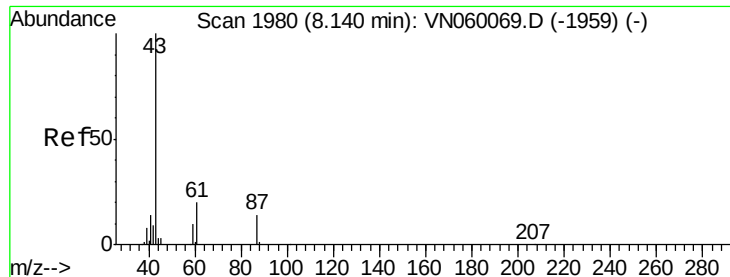


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 55.375 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

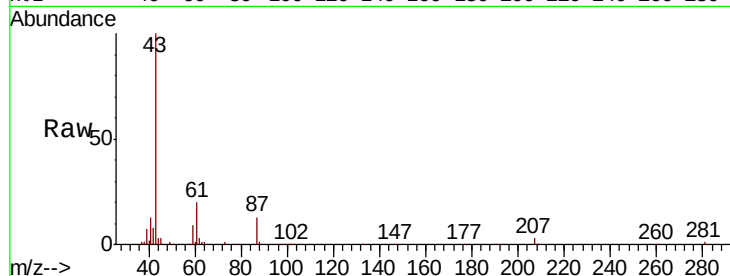
Tot Ion: 43 Resp: 276994

Ion Ratio Lower Upper

43 100

61 26.7 21.8 32.6

87 13.5 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) (-)

8.14

150000

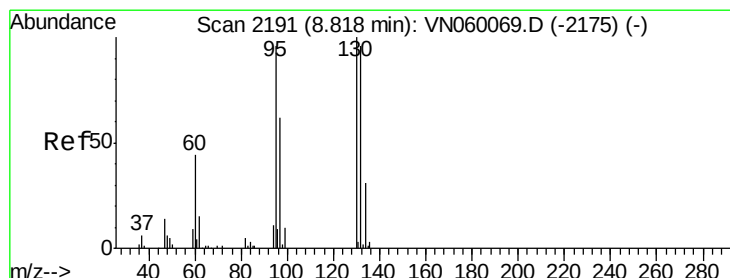
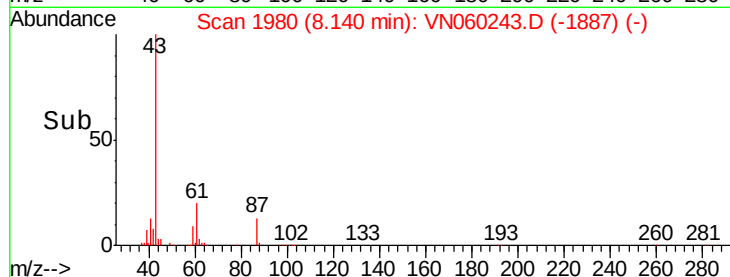
100000

50000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 52.344 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060243.D

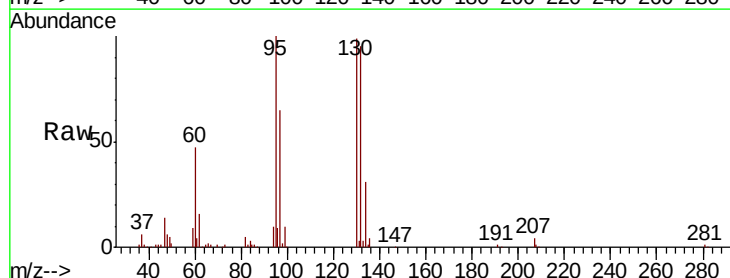
Acq: 25 Feb 2020 18:37

Tgt Ion:130 Resp: 139206

Ion Ratio Lower Upper

130 100

95 101.2 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) (-)

8.82

80000

60000

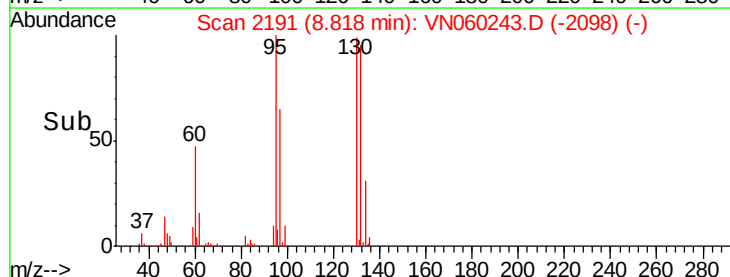
40000

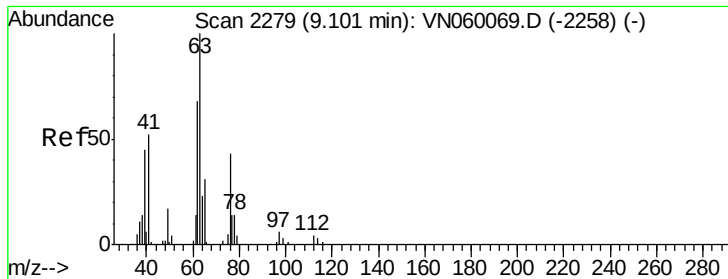
20000

0

8.70 8.80 8.90

Time-->





#45

1,2-Dichloropropane

Concen: 54.354 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

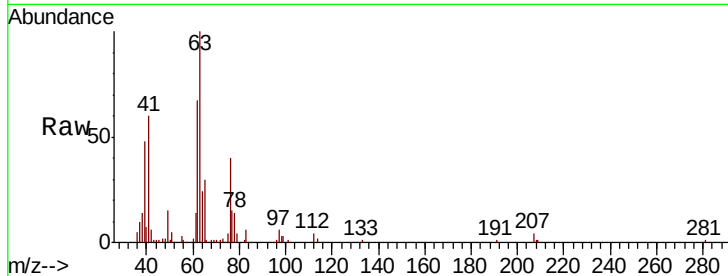
ClientSampleId :

Tot Ion: 63 Resp: 129243

Ion Ratio Lower Upper

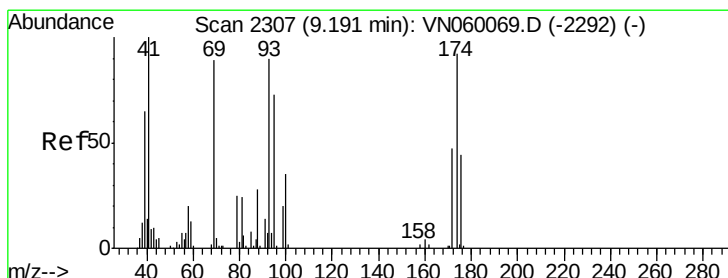
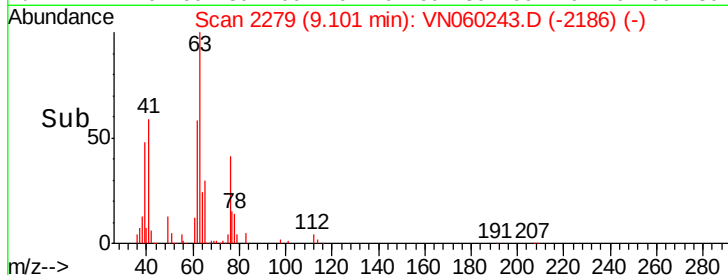
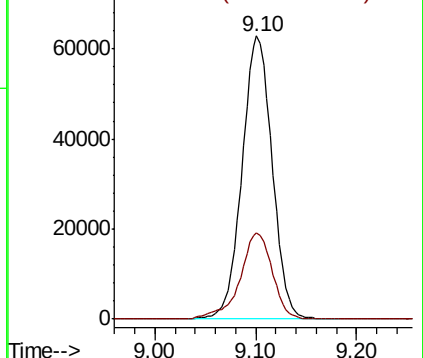
63 100

65 30.4 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN060069.D (-2258) (-)



#46

Dibromomethane

Concen: 50.985 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

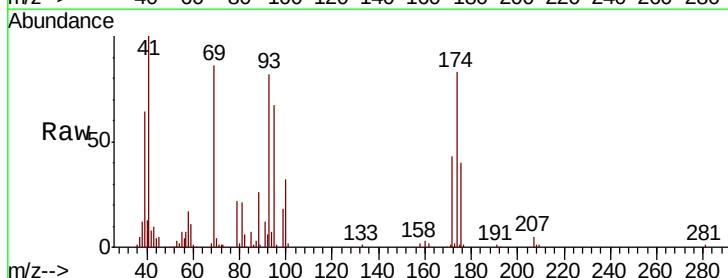
Tgt Ion: 93 Resp: 85673

Ion Ratio Lower Upper

93 100

95 81.0 65.0 97.6

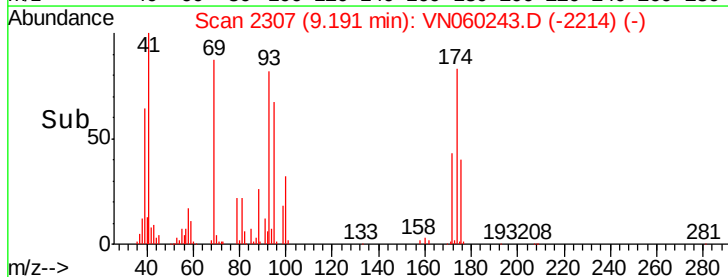
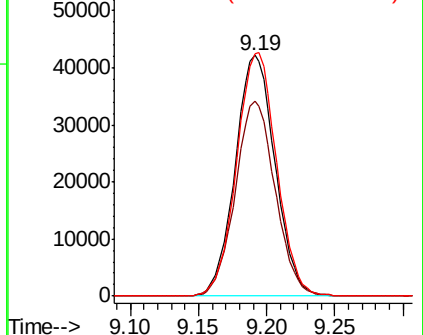
174 101.3 82.3 123.5

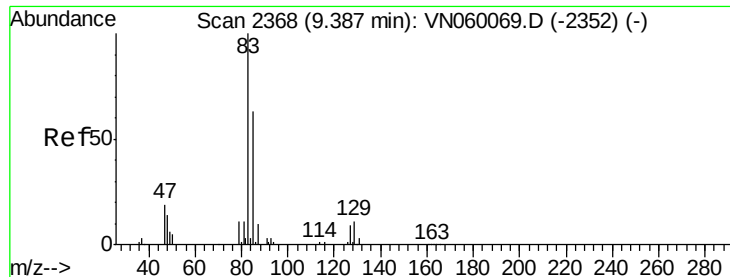


Abundance Ion 92.80 (92.50 to 93.50): VN060069.D (-2292) (-)

Ion 94.80 (94.50 to 95.50): VN060069.D (-2292) (-)

Ion 173.70 (173.40 to 174.40): VN060069.D (-2292) (-)





#47

Bromodichloromethane

Concen: 50.623 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :
MSVOA_N
ClientSampled :

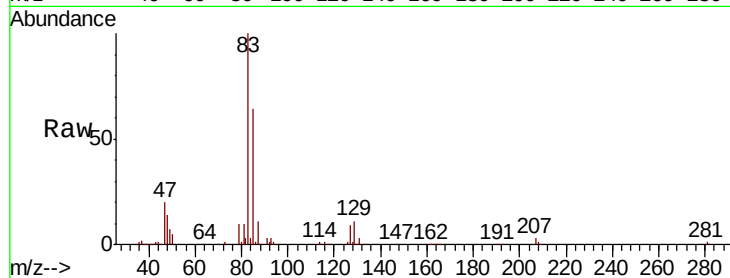
Tot Ion: 83 Resp: 172942

Ion Ratio Lower Upper

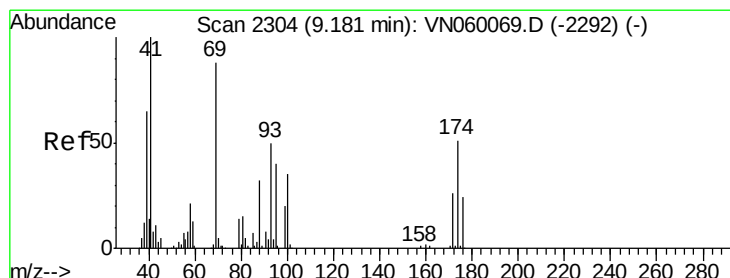
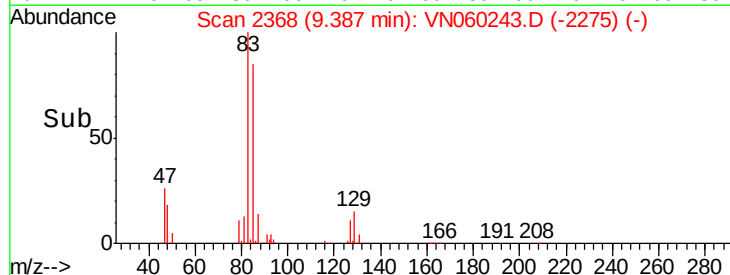
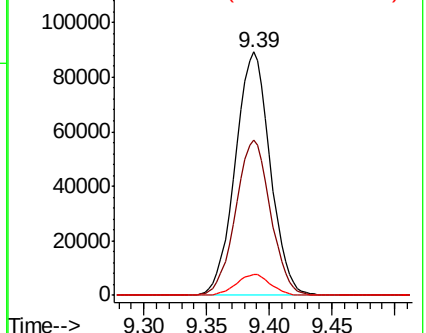
83 100

85 63.8 50.6 75.8

127 8.5 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 56.823 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

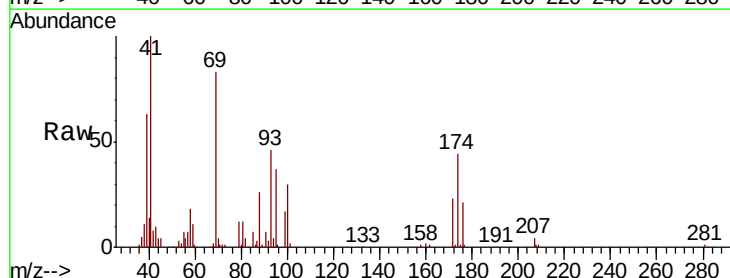
Tgt Ion: 41 Resp: 127527

Ion Ratio Lower Upper

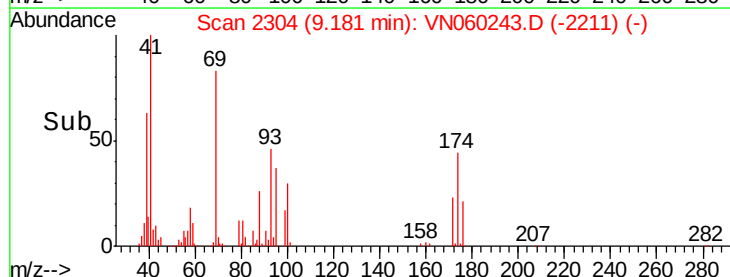
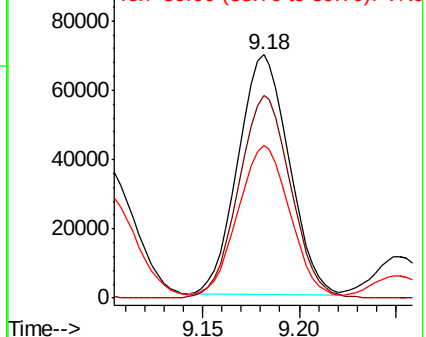
41 100

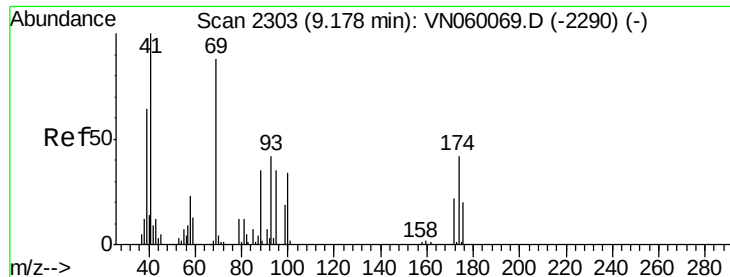
69 86.1 72.0 108.0

39 64.8 54.1 81.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1002.069 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :

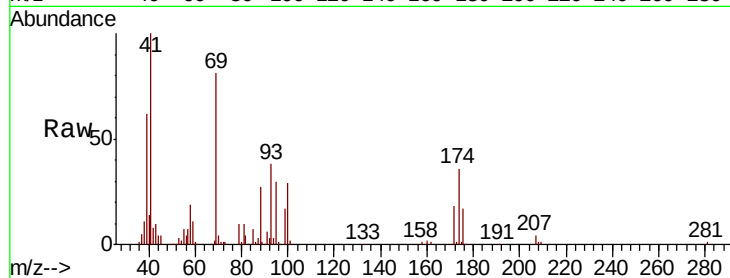
Tot Ion: 88 Resp: 38425

Ion Ratio Lower Upper

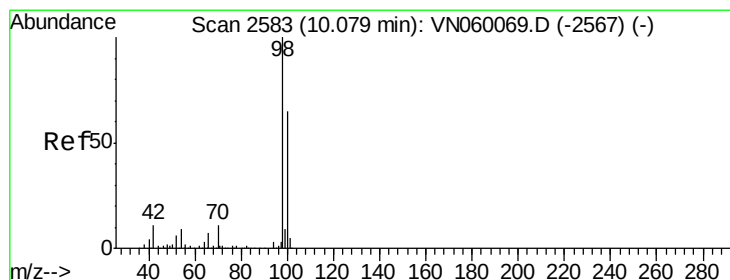
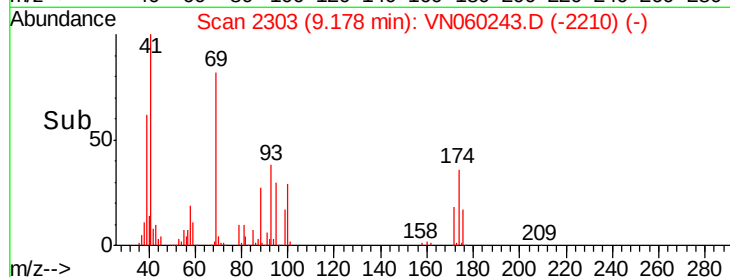
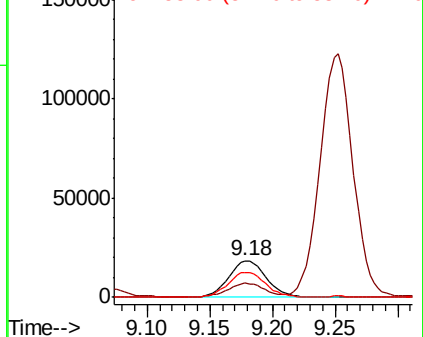
88 100

43 35.3 26.2 39.2

58 68.5 53.2 79.8



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



#50

Toluene-d8

Concen: 48.946 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060243.D

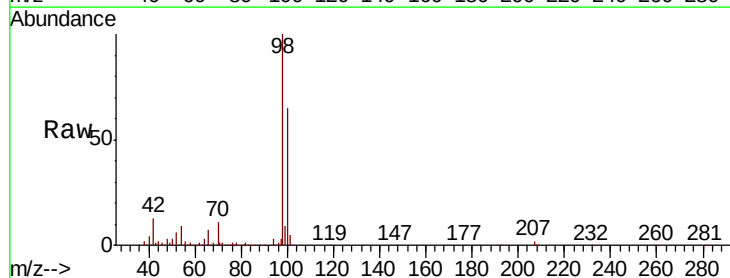
Acq: 25 Feb 2020 18:37

Tgt Ion: 98 Resp: 414165

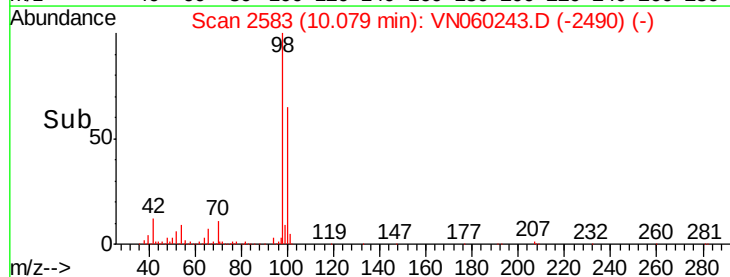
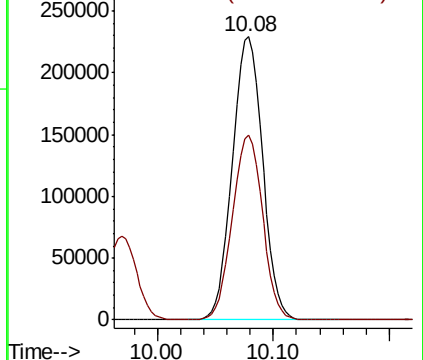
Ion Ratio Lower Upper

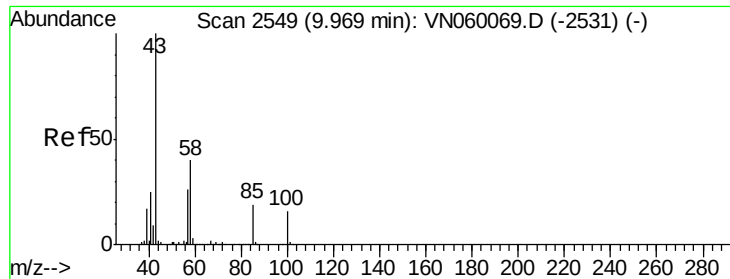
98 100

100 65.2 51.7 77.5



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

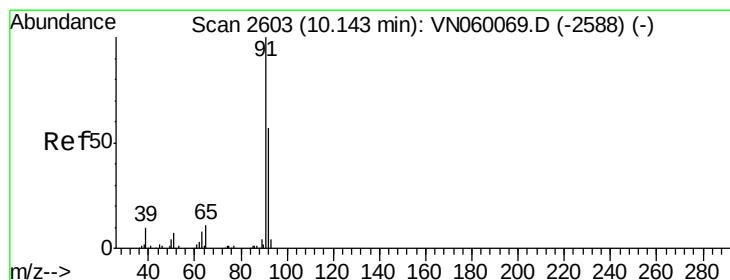
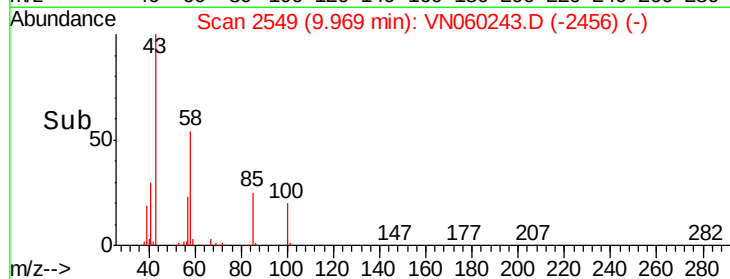
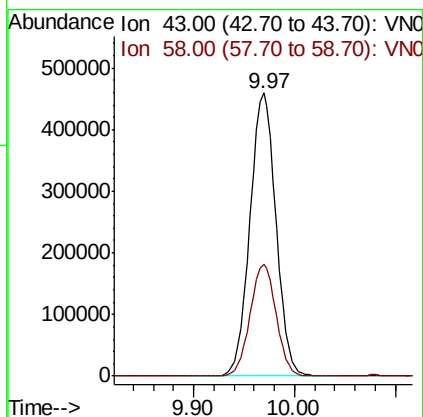
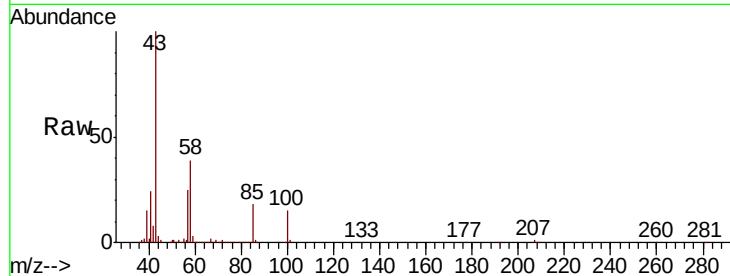




#51
4-Methyl-2-Pentanone
Concen: 280.255 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

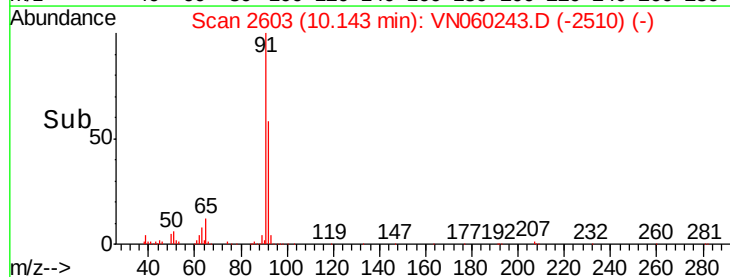
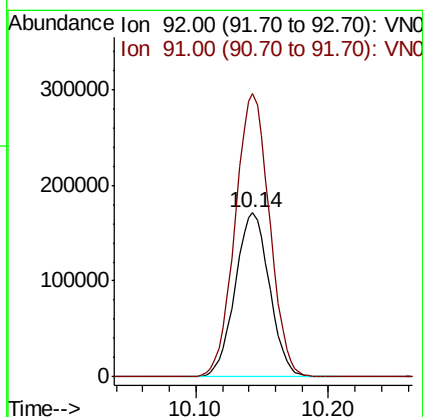
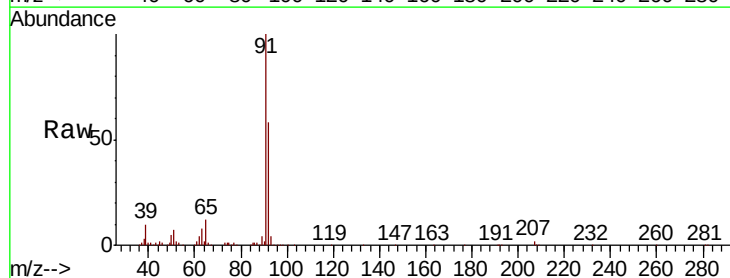
Instrument :
MSVOA_N
ClientSampled :

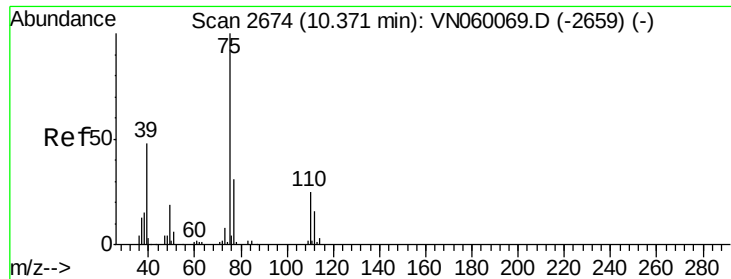
Tot Ion: 43 Resp: 811424
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.8



#52
Toluene
Concen: 49.936 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion: 92 Resp: 307554
Ion Ratio Lower Upper
92 100
91 173.3 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 52.914 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

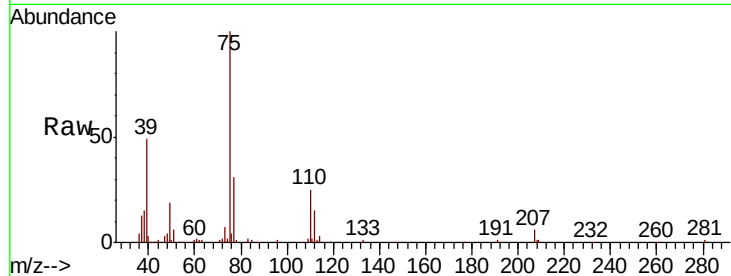
ClientSampled :

Tot Ion: 75 Resp: 204044

Ion Ratio Lower Upper

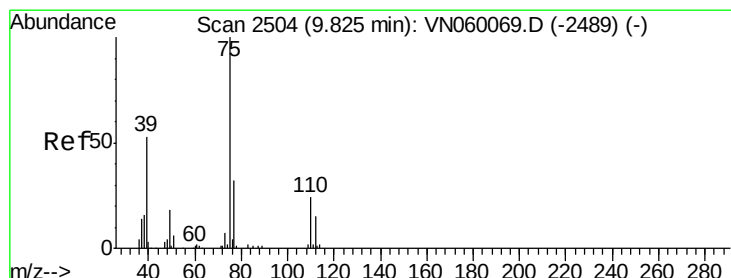
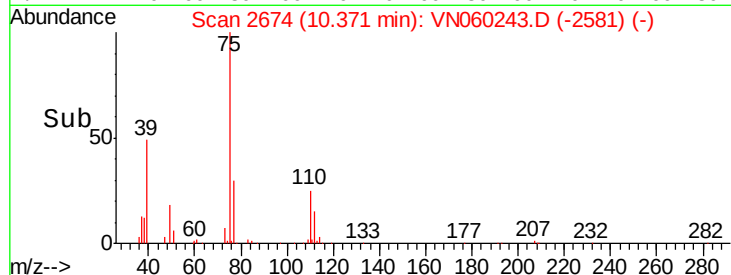
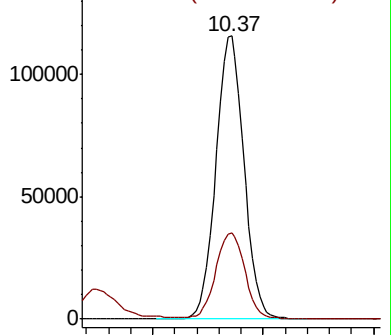
75 100

77 30.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 51.933 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

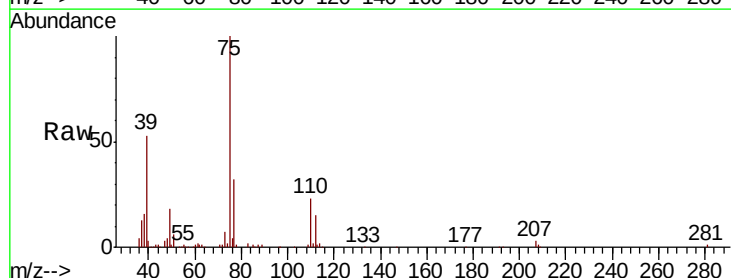
Tgt Ion: 75 Resp: 210878

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

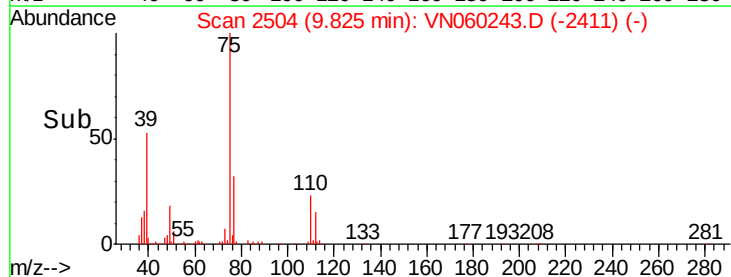
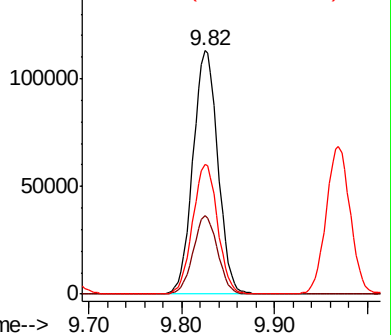
39 53.3 42.2 63.4

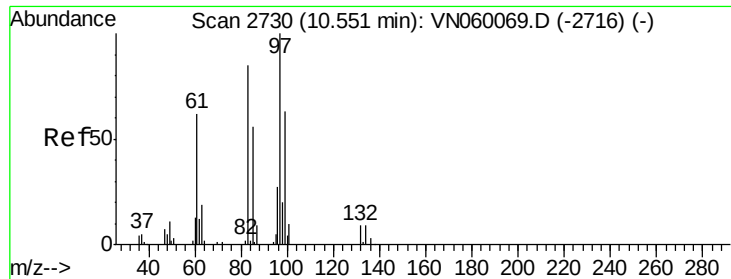


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

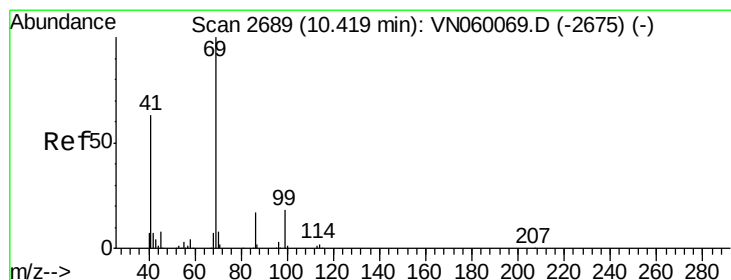
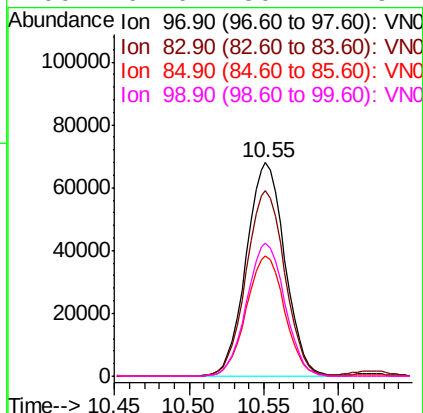
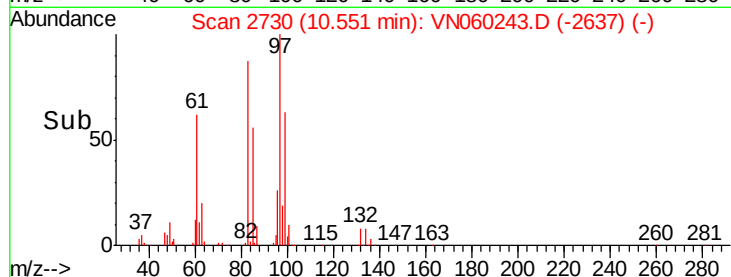
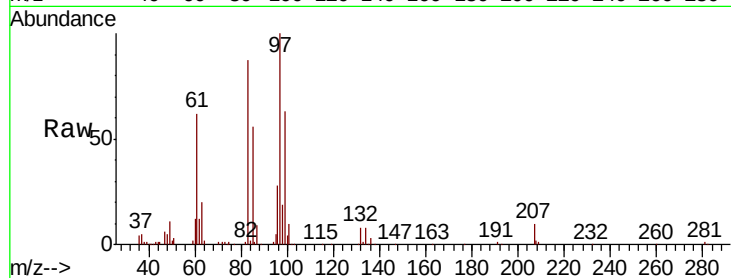




#55
 1,1,2-Trichloroethane
 Concen: 50.880 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

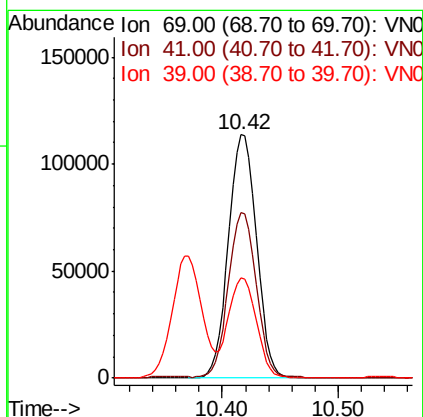
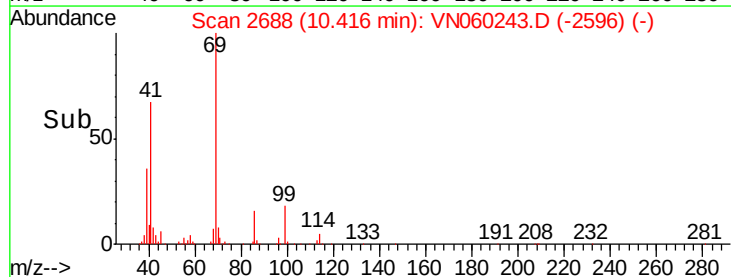
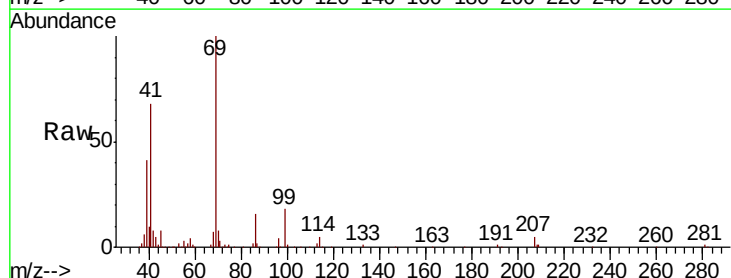
Instrument :
 MSVOA_N
 ClientSampleId :

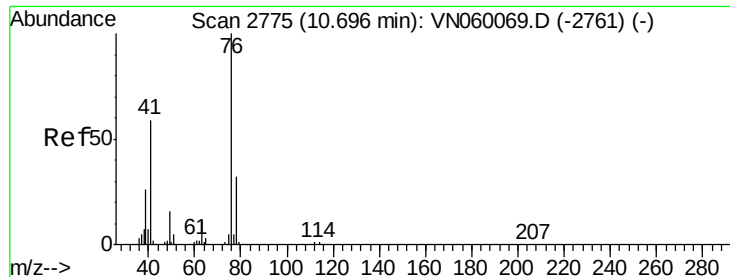
Tot Ion:	97	Resp:	122253
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.9	101.9
85	56.4	44.6	67.0
99	62.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 56.447 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Tgt Ion:	69	Resp:	191865
Ion	Ratio	Lower	Upper
69	100		
41	66.7	51.1	76.7
39	41.2	33.8	50.8





#57

1,3-Dichloropropane

Concen: 50.959 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

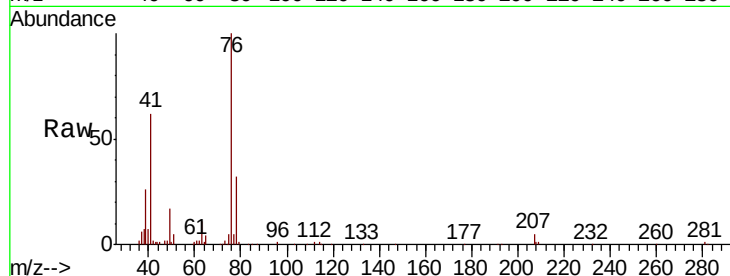
ClientSampleId :

Tot Ion: 76 Resp: 202042

Ion Ratio Lower Upper

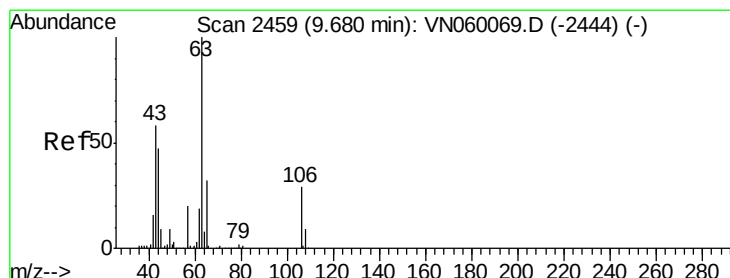
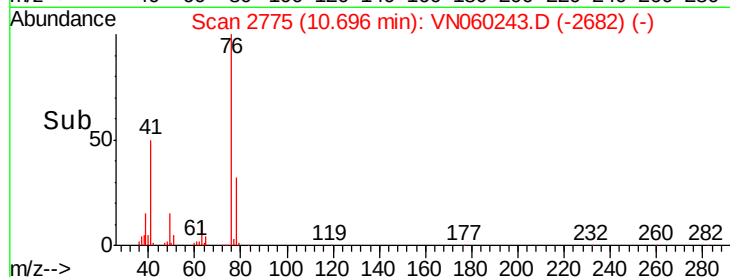
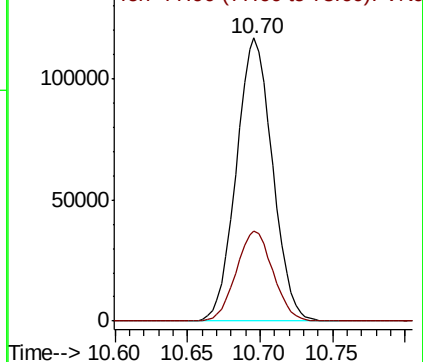
76 100

78 32.4 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN060243.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060243.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 301.607 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060243.D

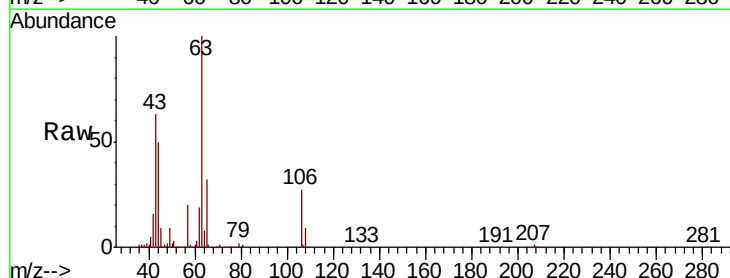
Acq: 25 Feb 2020 18:37

Tgt Ion: 63 Resp: 477598

Ion Ratio Lower Upper

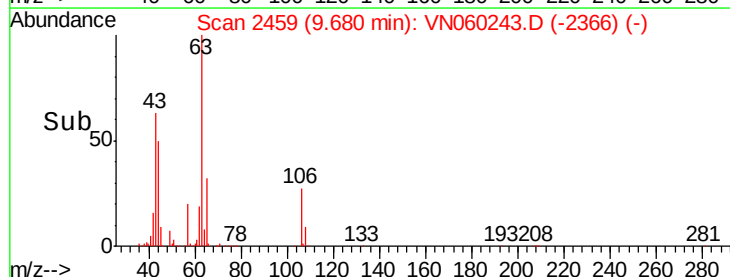
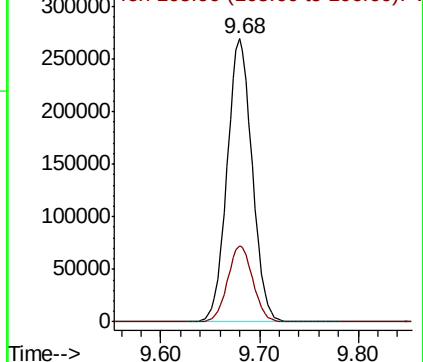
63 100

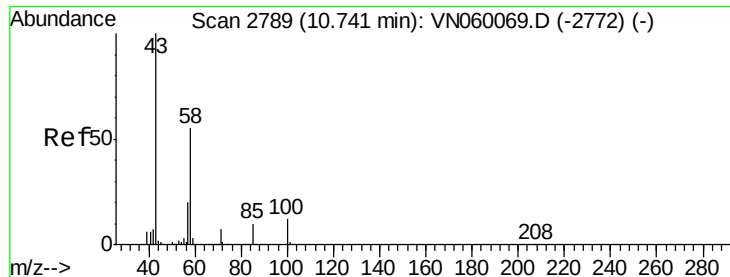
106 27.0 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VN060243.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060243.D (-2366) (-)





#59

2-Hexanone

Concen: 273.357 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

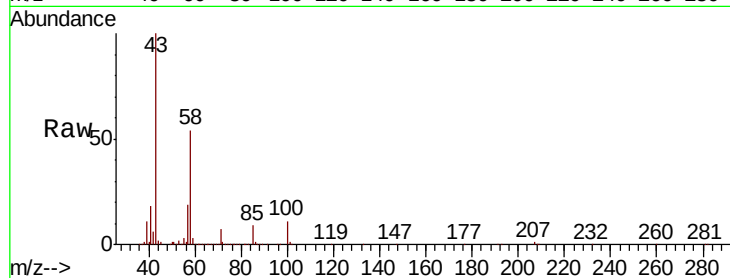
ClientSampled :

Tot Ion: 43 Resp: 611377

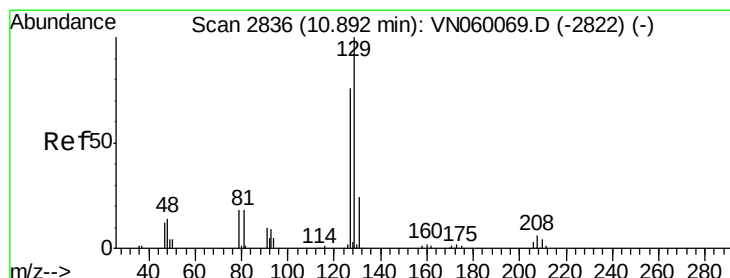
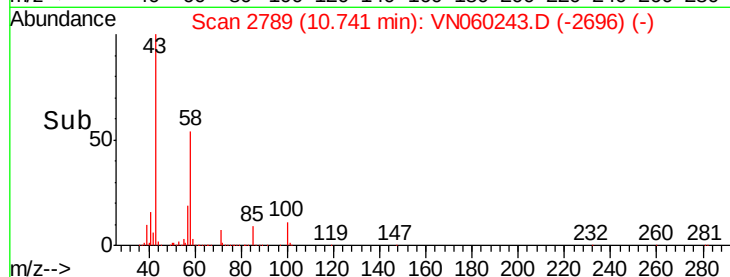
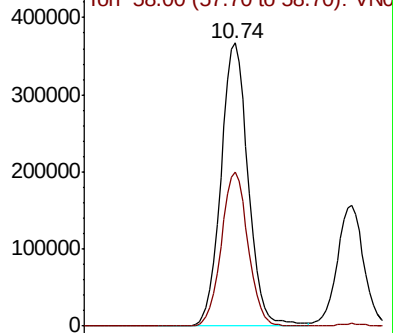
Ion Ratio Lower Upper

43 100

58 53.7 27.5 82.4



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2772) (-)



#60

Dibromochloromethane

Concen: 48.310 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN060243.D

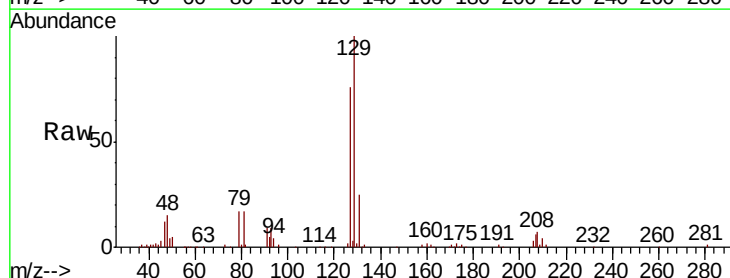
Acq: 25 Feb 2020 18:37

Tgt Ion: 129 Resp: 133205

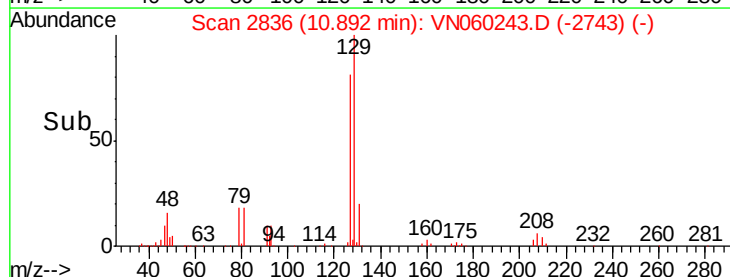
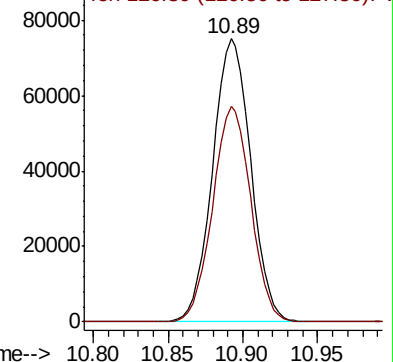
Ion Ratio Lower Upper

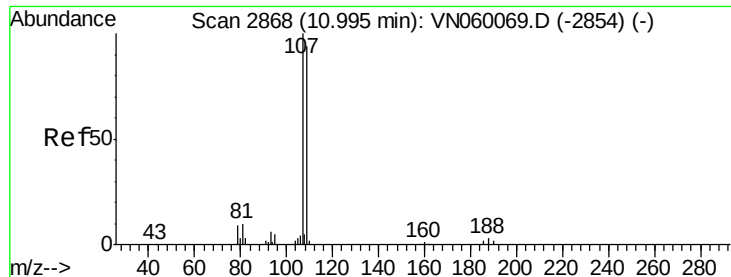
129 100

127 76.1 38.0 114.1



Abundance Ion 128.80 (128.50 to 129.50): VN060069.D (-2822) (-)

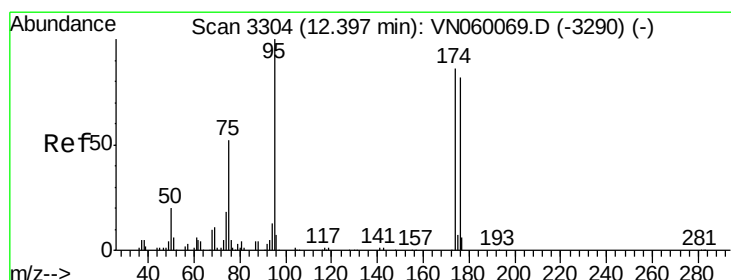
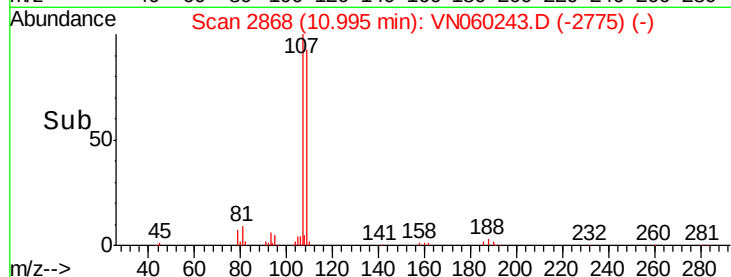
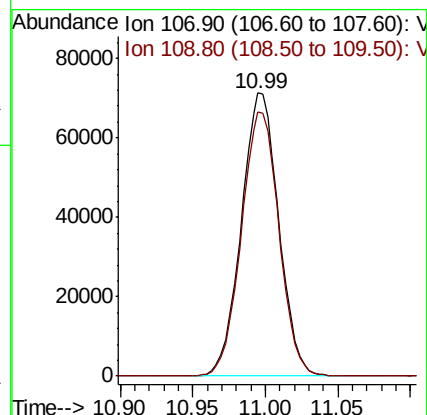
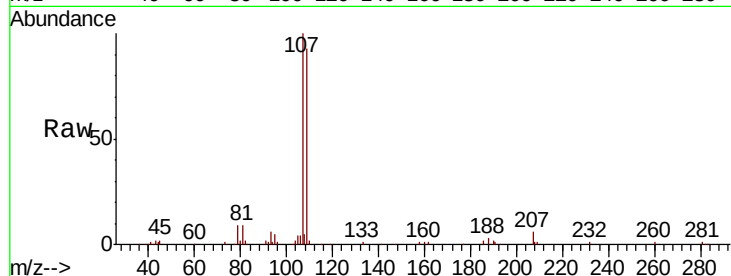




#61
 1,2-Dibromoethane
 Concen: 50.494 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

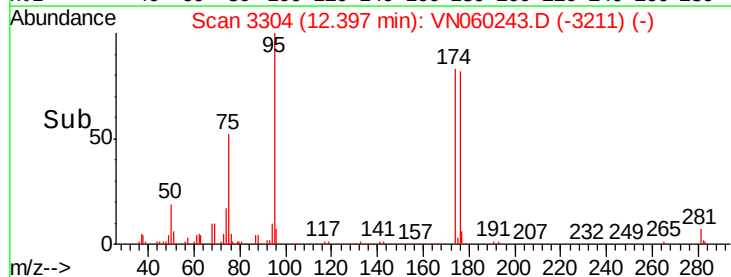
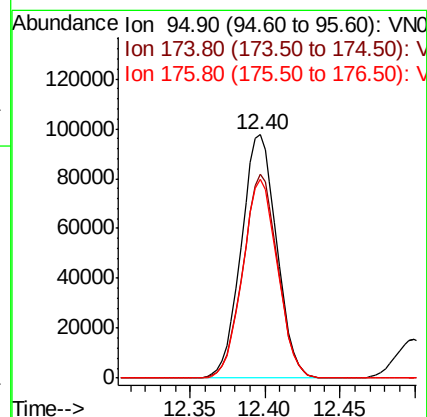
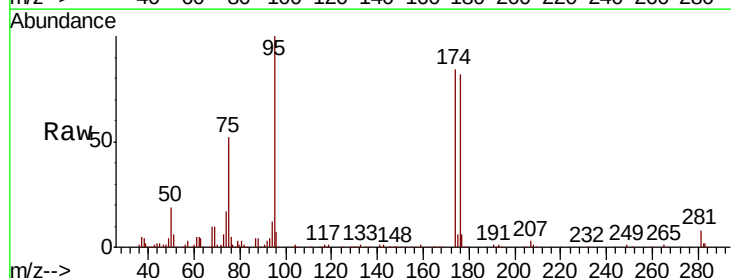
Instrument :
 MSVOA_N
 ClientSampleId :

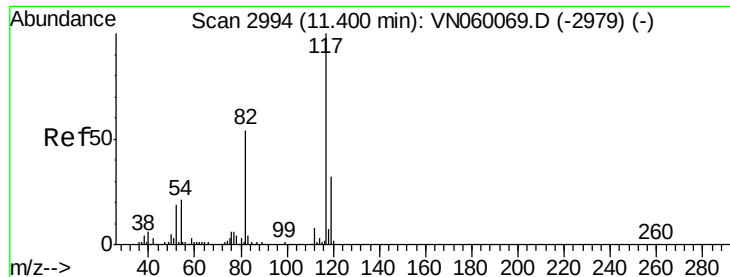
Tot Ion:107 Resp: 127184
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.800 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Tgt Ion: 95 Resp: 161061
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 169.8
 176 80.6 0.0 164.8

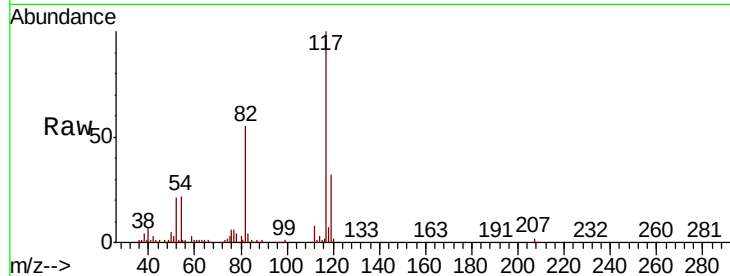




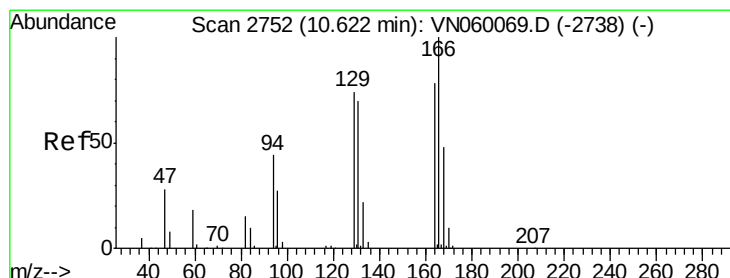
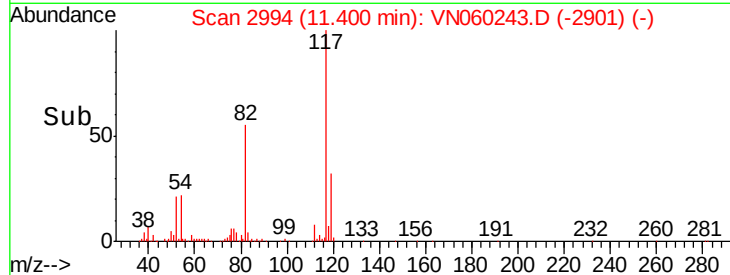
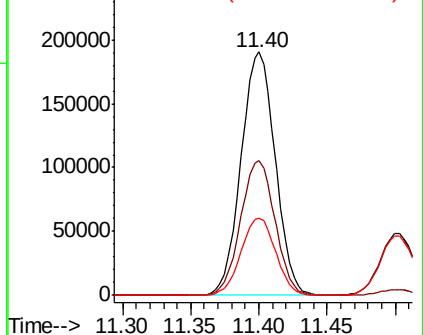
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 331530
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 31.8 25.8 38.6

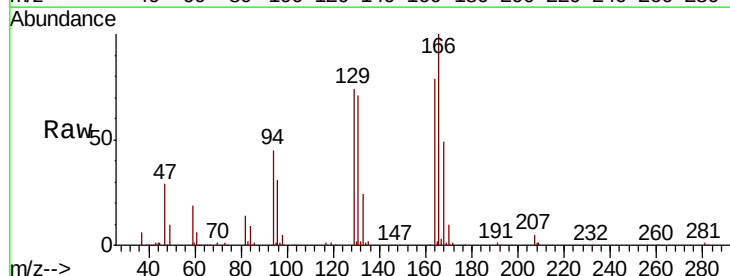


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

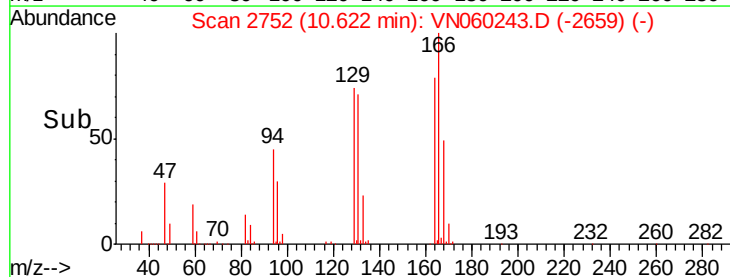
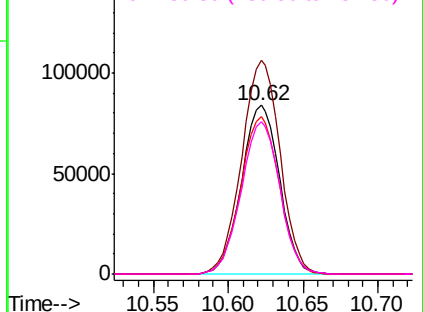


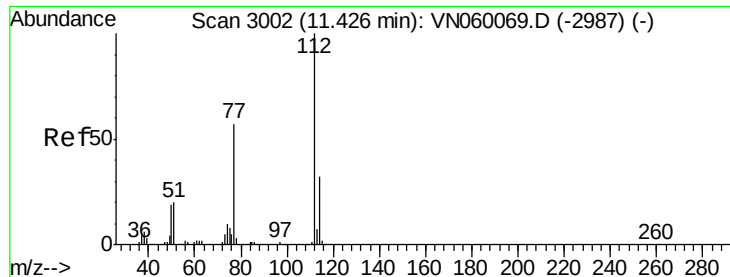
#64
Tetrachloroethene
Concen: 59.128 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion:164 Resp: 149018
Ion Ratio Lower Upper
164 100
166 126.7 101.9 152.9
129 93.3 75.4 113.0
131 90.2 71.4 107.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

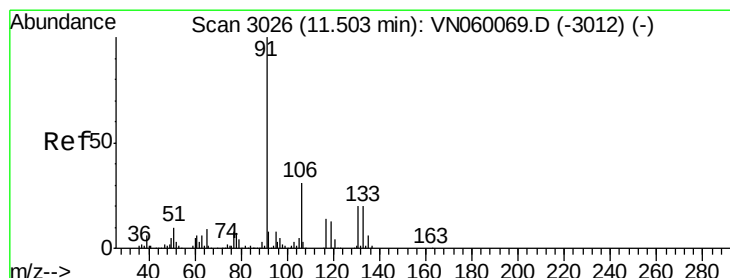
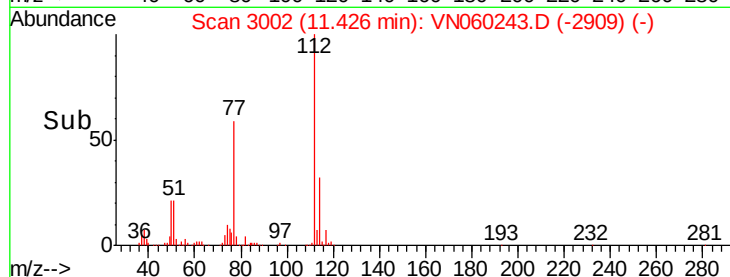
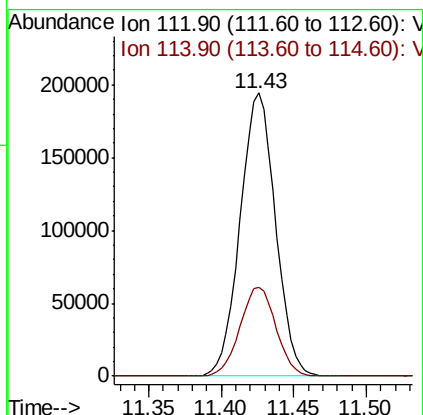
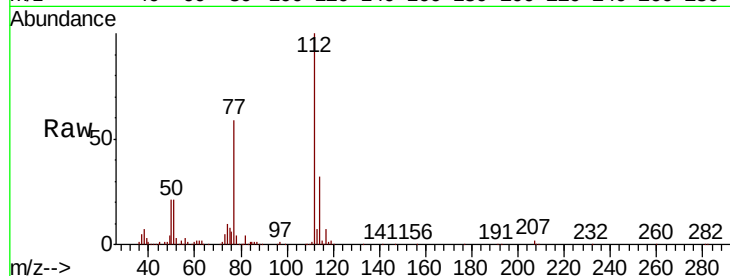




#65
Chlorobenzene
Concen: 48.729 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

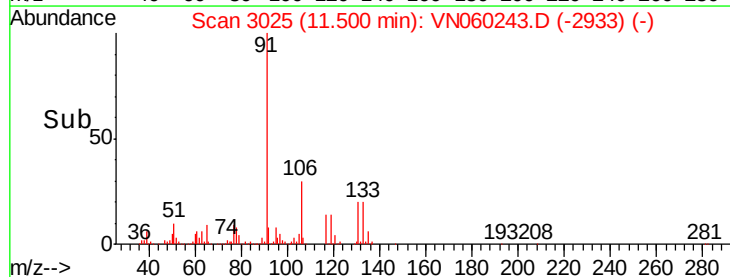
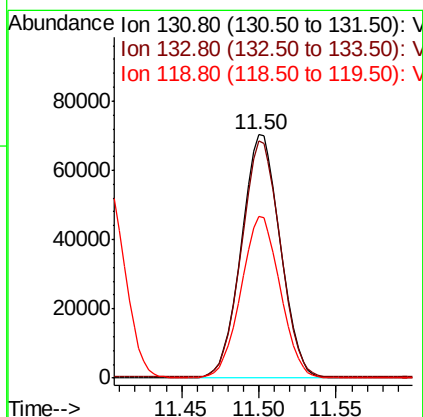
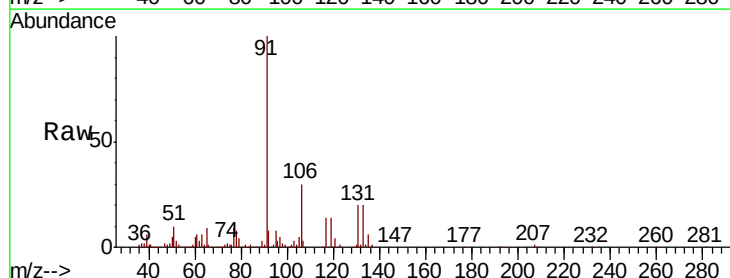
Instrument :
MSVOA_N
ClientSampled :

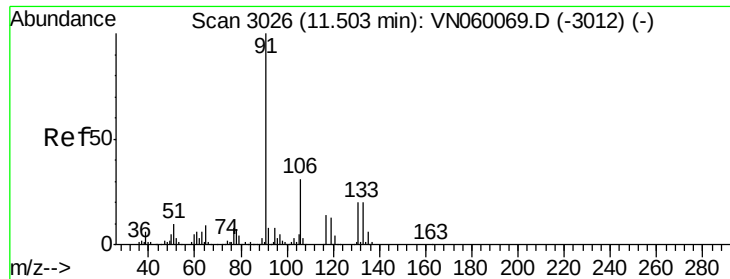
Tot Ion:112 Resp: 329135
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.248 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion:131 Resp: 123282
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 66.9 32.6 97.7

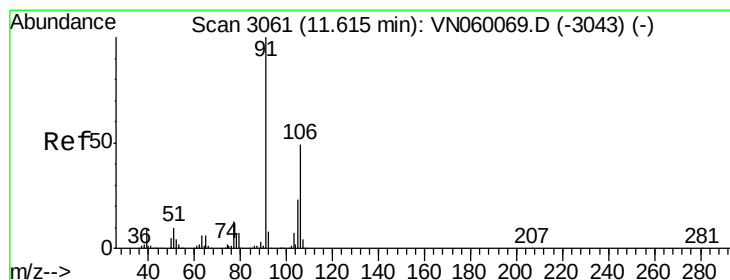
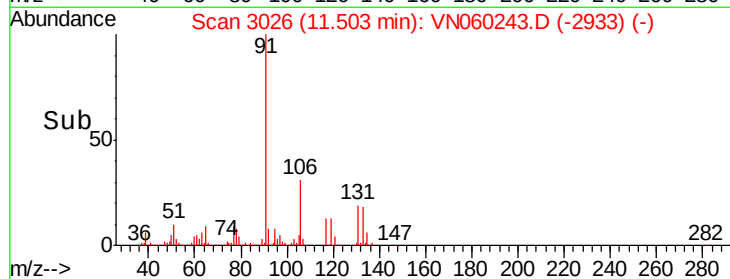
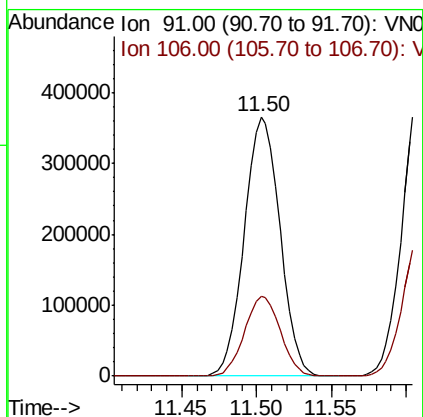
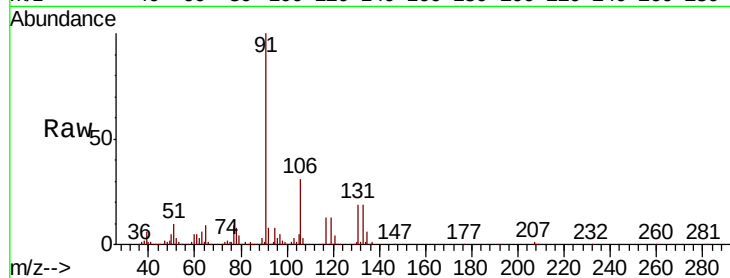




#67
Ethyl Benzene
Concen: 49.881 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

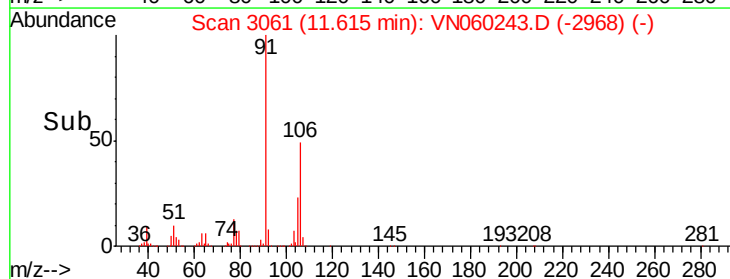
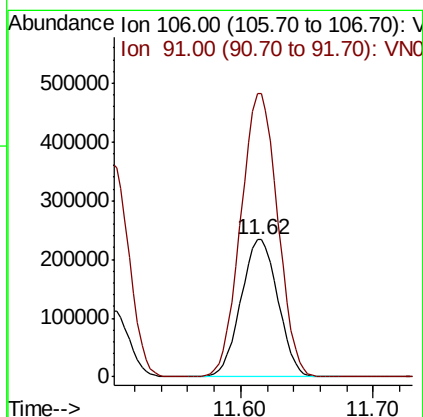
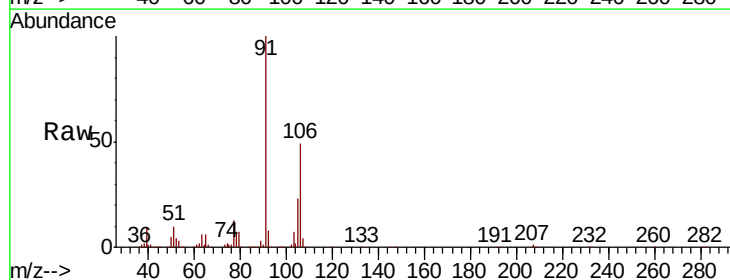
Instrument :
MSVOA_N
ClientSampled :

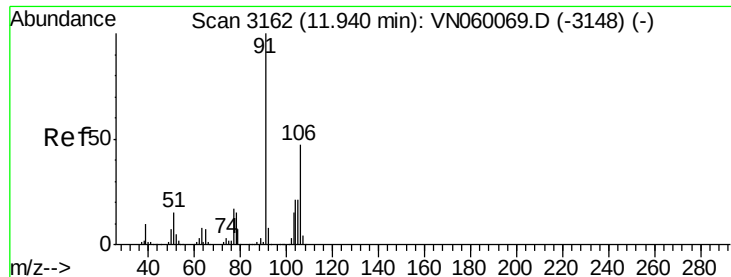
Tot Ion: 91 Resp: 607659
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7



#68
m/p-Xylenes
Concen: 99.143 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion: 106 Resp: 453296
Ion Ratio Lower Upper
106 100
91 205.6 162.7 244.1

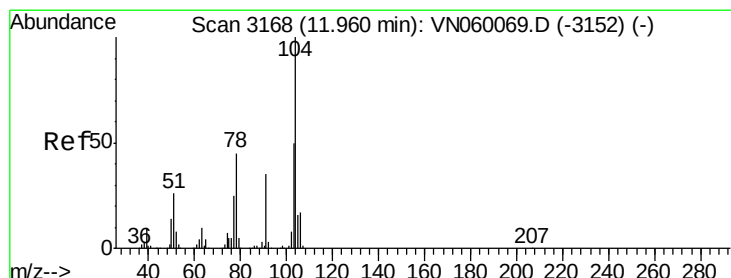
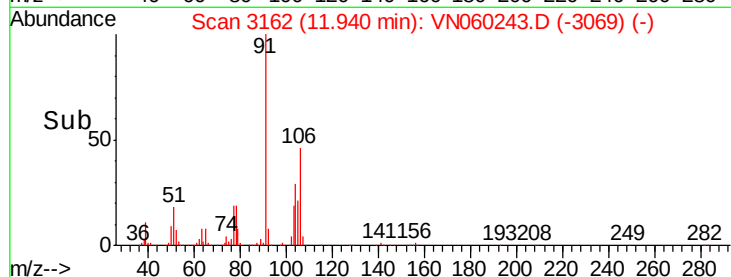
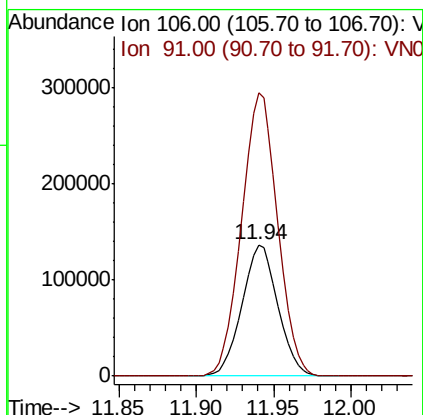
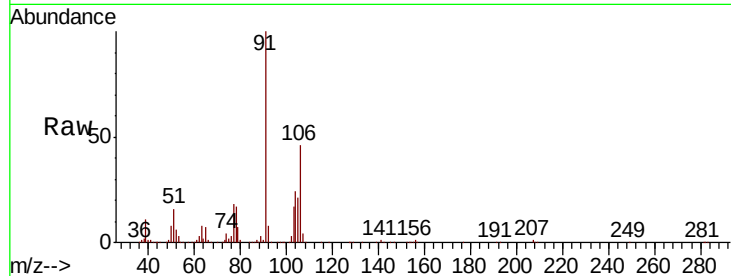




#69
o-Xylene
Concen: 49.957 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

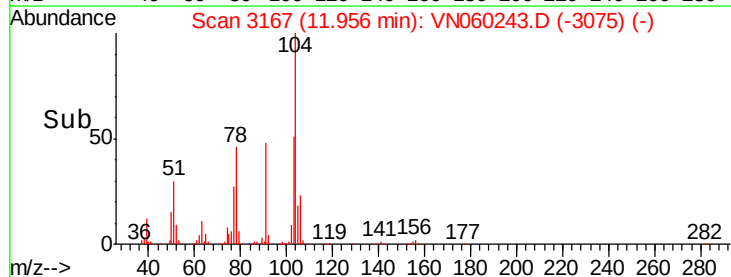
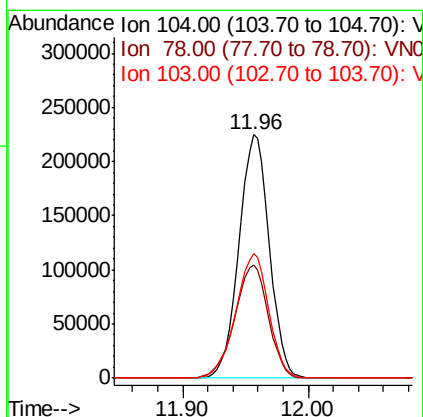
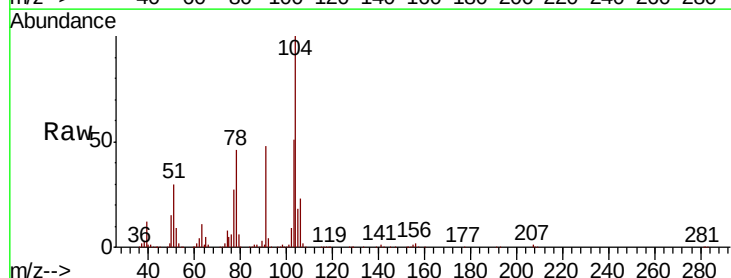
Instrument :
MSVOA_N
ClientSampleId :

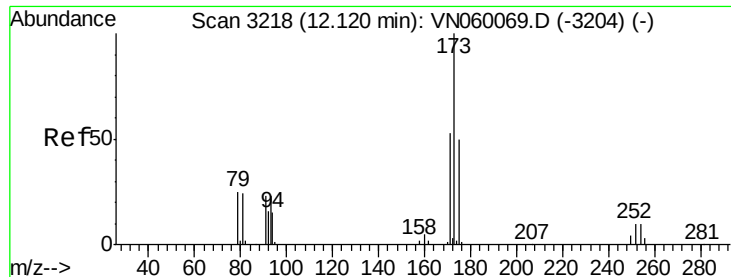
Tot Ion:106 Resp: 219921
Ion Ratio Lower Upper
106 100
91 217.4 107.2 321.6



#70
Styrene
Concen: 53.298 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion:104 Resp: 378356
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.2
103 55.4 44.3 66.5

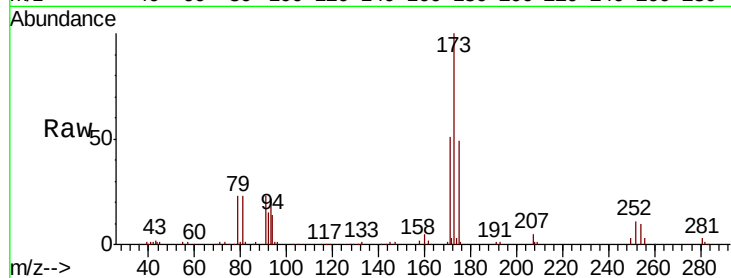




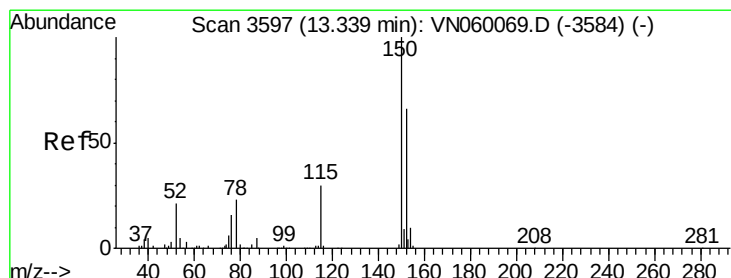
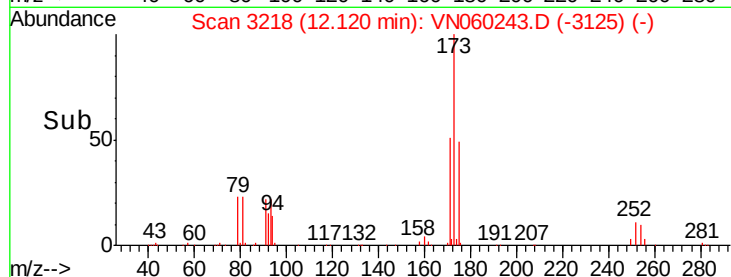
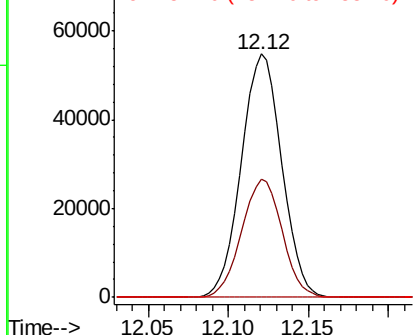
#71
Bromoform
Concen: 45.965 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 94464
Ion Ratio Lower Upper
173 100
175 48.5 24.9 74.6
254 0.0 0.0 0.0

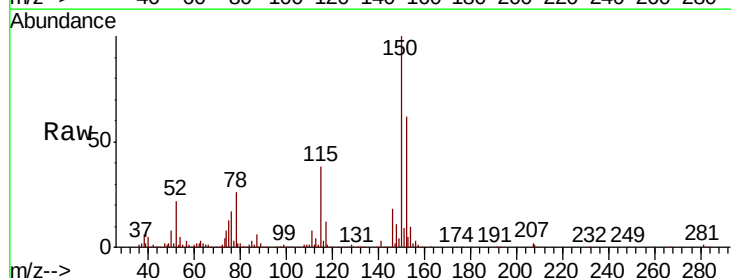


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

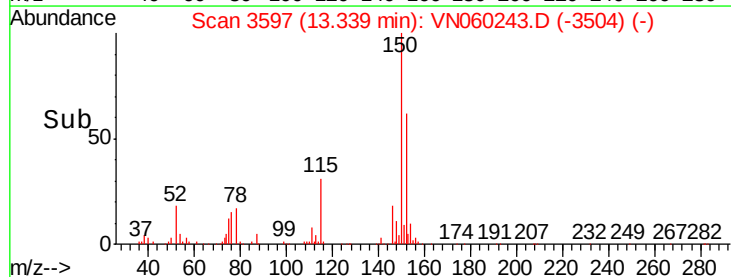
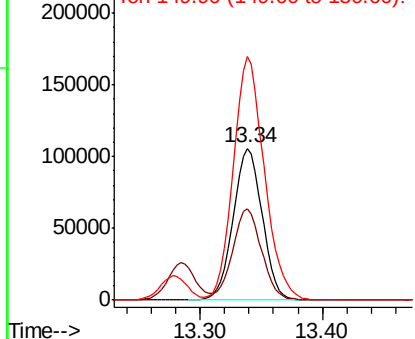


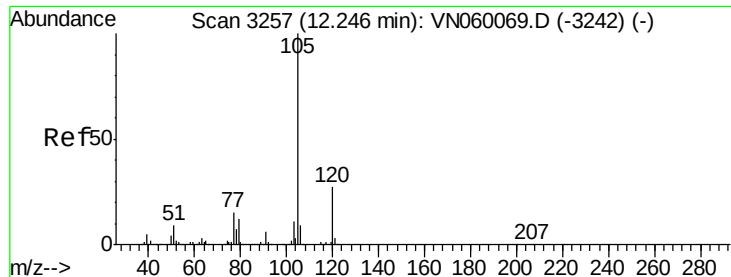
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion:152 Resp: 174246
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.8
150 171.5 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: 45.780 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

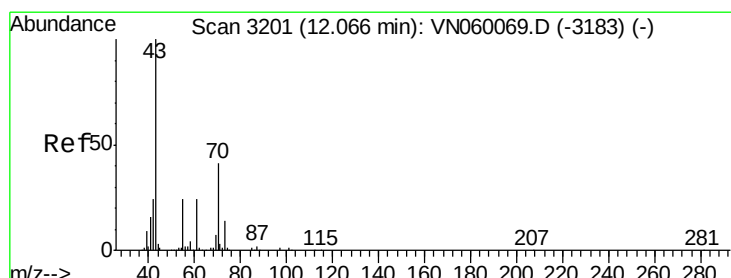
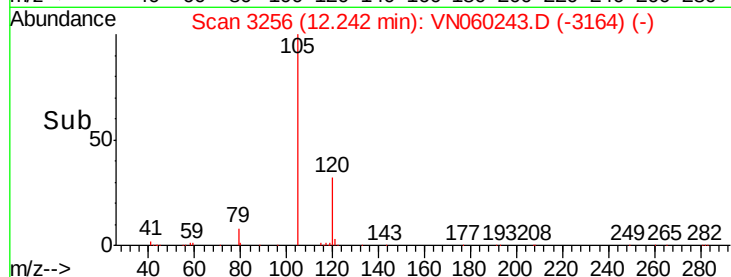
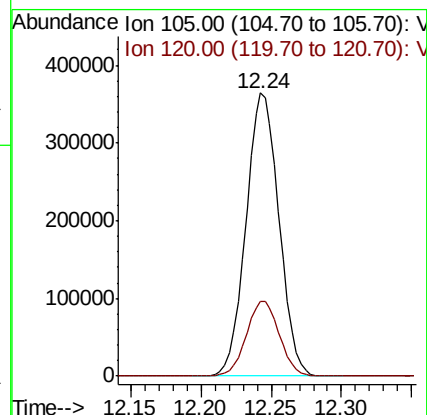
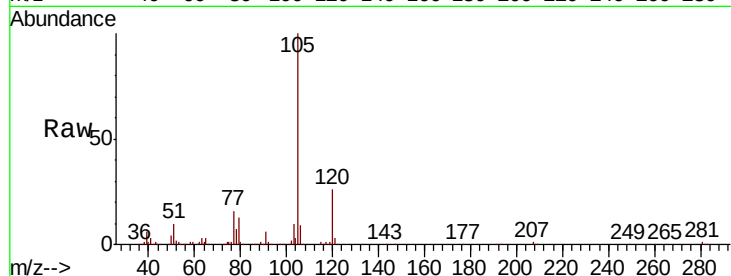
ClientSampleId :

Tot Ion: 105 Resp: 595676

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 56.050 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Tgt Ion: 43 Resp: 262985

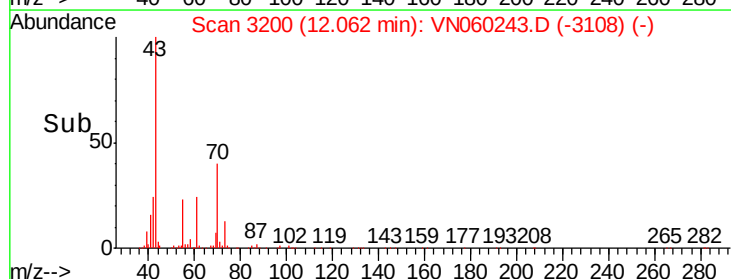
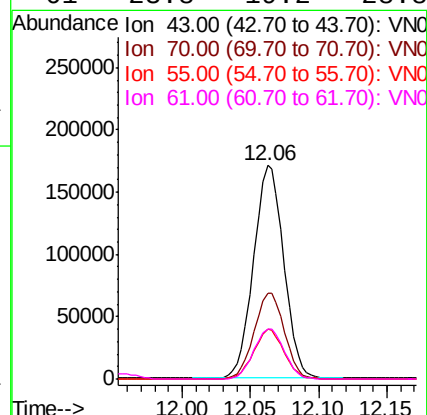
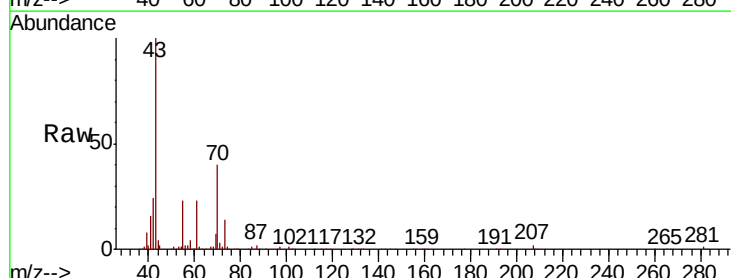
Ion Ratio Lower Upper

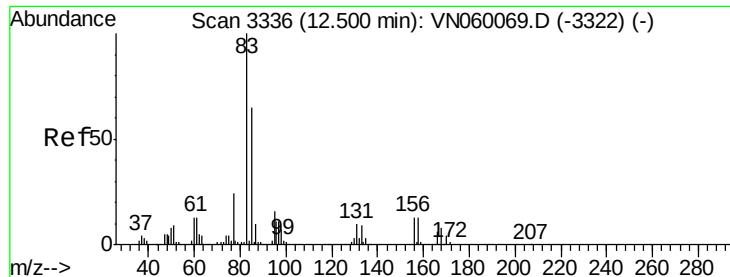
43 100

70 40.8 33.4 50.0

55 23.4 18.8 28.2

61 23.8 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 43.093 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

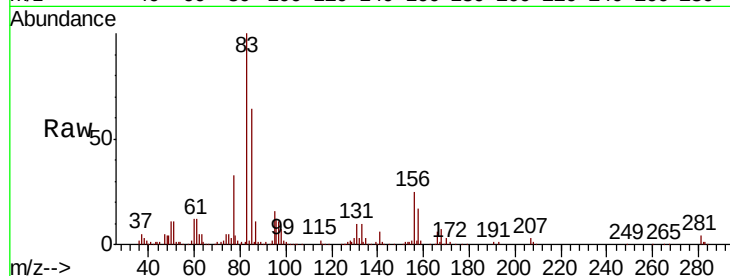
Tot Ion: 83 Resp: 161392

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

85 64.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060243.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060243.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060243.D (-3243) (-)

12.50

100000

80000

60000

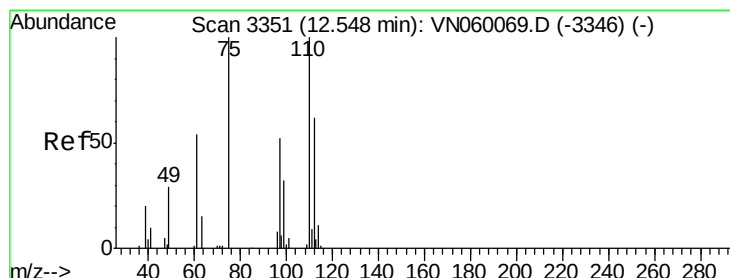
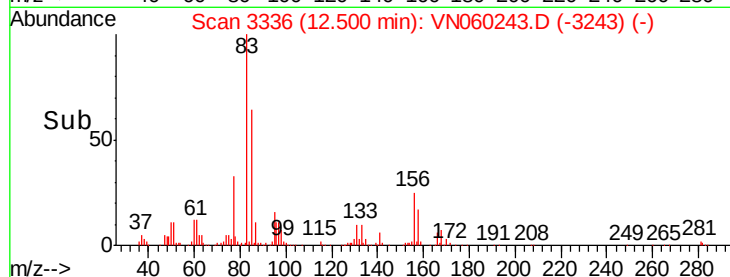
40000

20000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 72.844 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060243.D

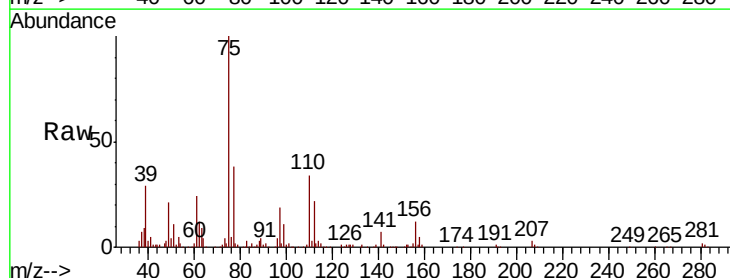
Acq: 25 Feb 2020 18:37

Tgt Ion: 75 Resp: 242841

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060243.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060243.D (-3258) (-)

12.55

150000

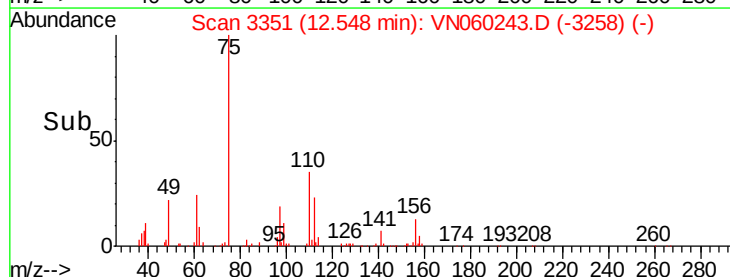
100000

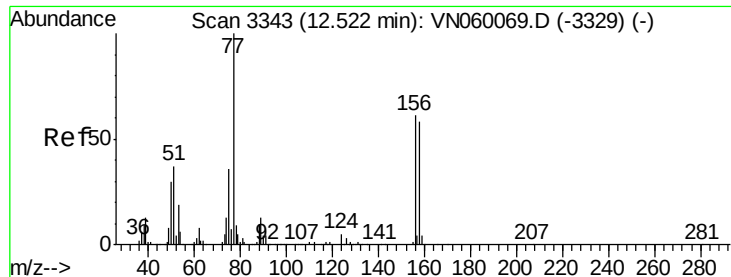
50000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 62.403 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

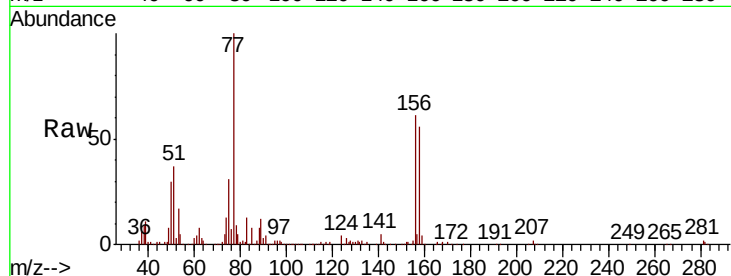
Tot Ion:156 Resp: 201508

Ion Ratio Lower Upper

156 100

77 153.4 98.7 296.1

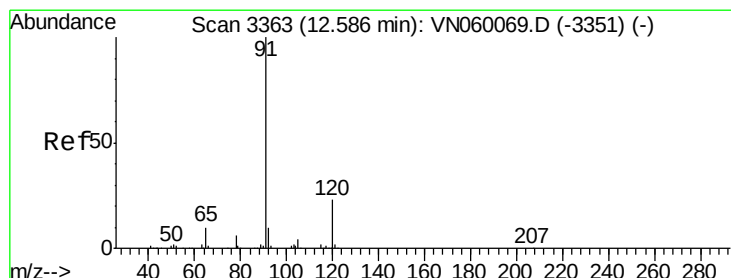
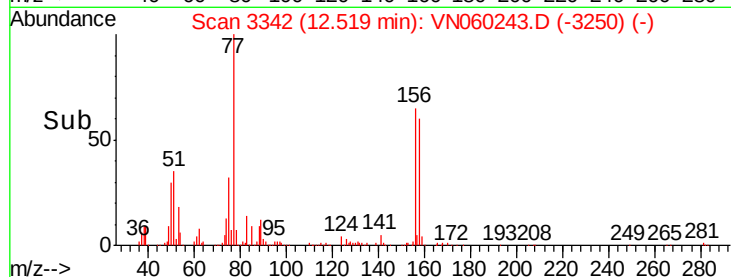
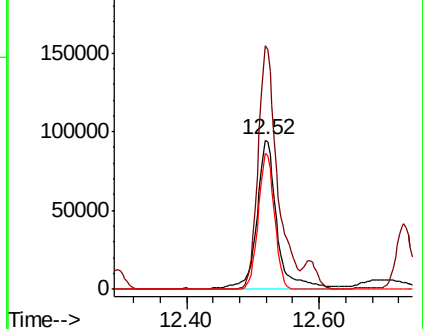
158 72.3 48.1 144.4



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: 46.882 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060243.D

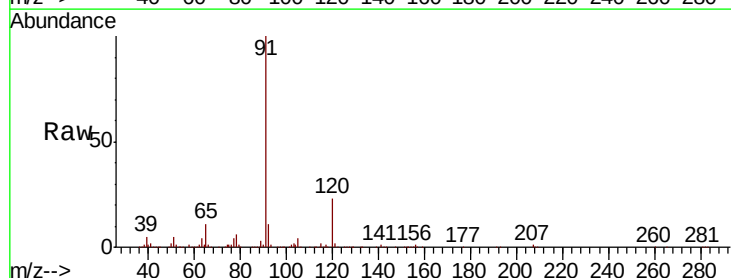
Acq: 25 Feb 2020 18:37

Tgt Ion: 91 Resp: 695007

Ion Ratio Lower Upper

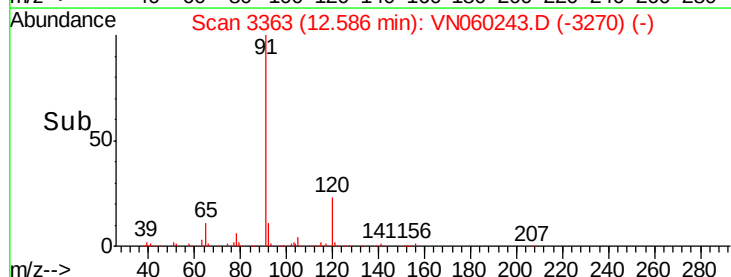
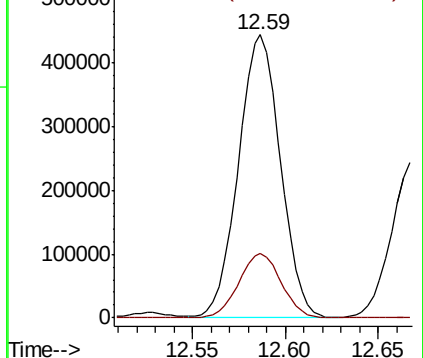
91 100

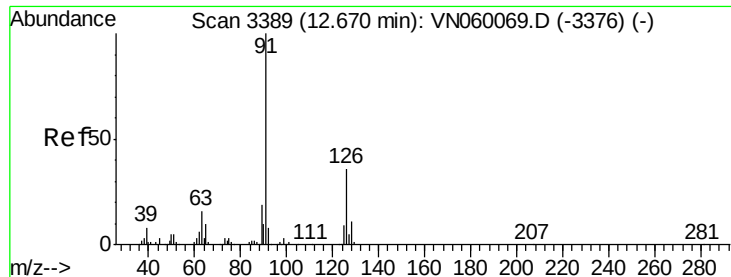
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.648 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

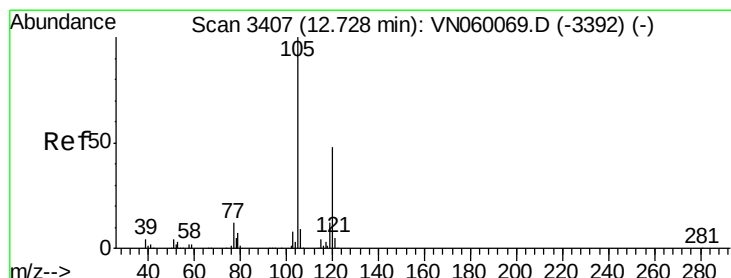
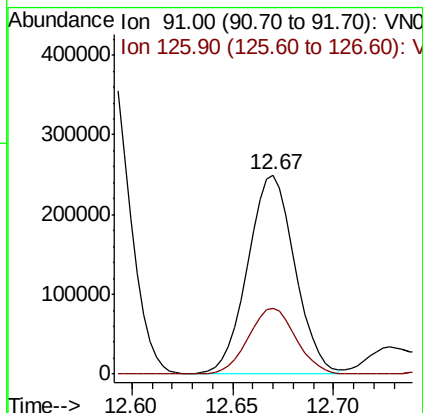
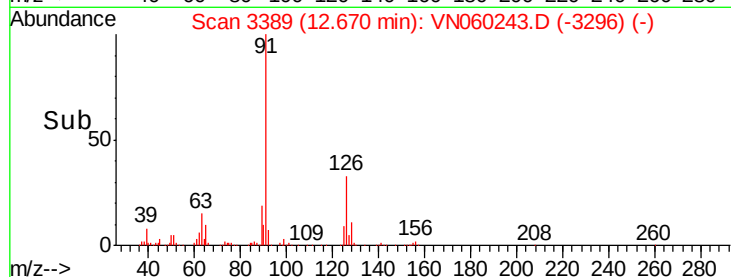
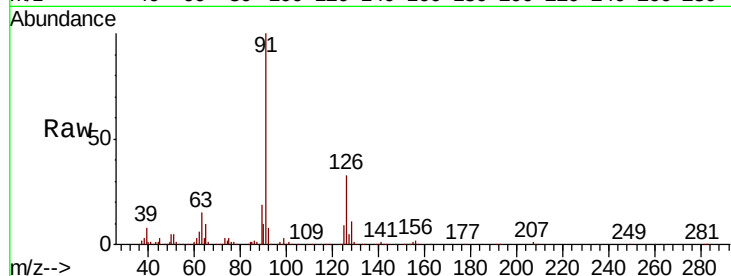
ClientSampled :

Tot Ion: 91 Resp: 406470

Ion Ratio Lower Upper

91 100

126 33.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 46.933 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060243.D

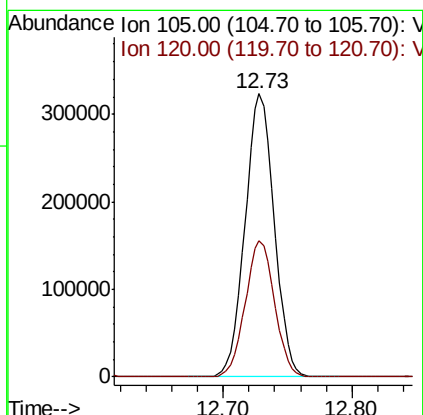
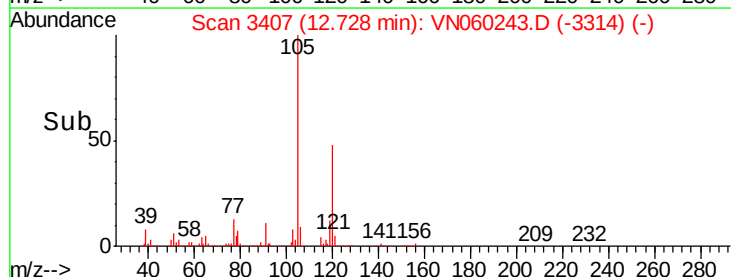
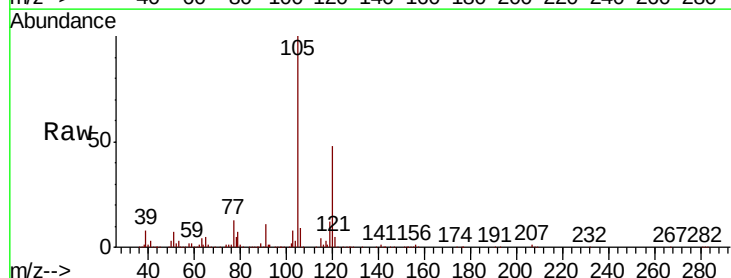
Acq: 25 Feb 2020 18:37

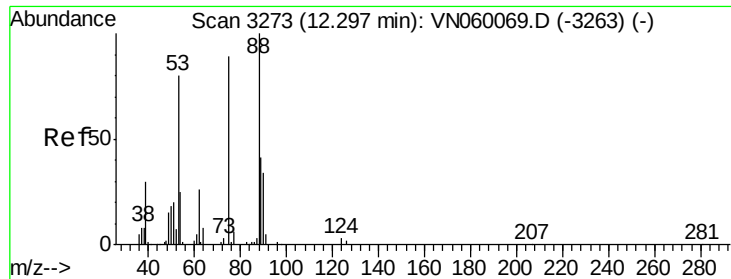
Tgt Ion: 105 Resp: 507750

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 47.995 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

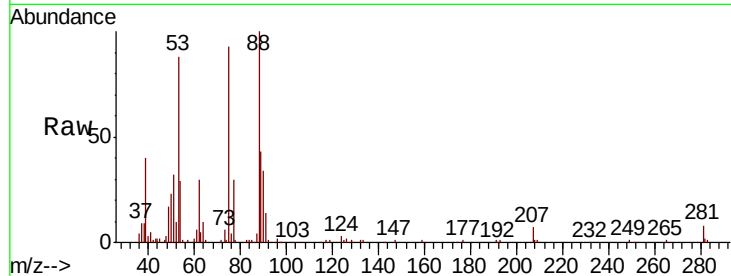
Tot Ion: 75 Resp: 65346

Ion Ratio Lower Upper

75 100

53 93.3 73.9 110.9

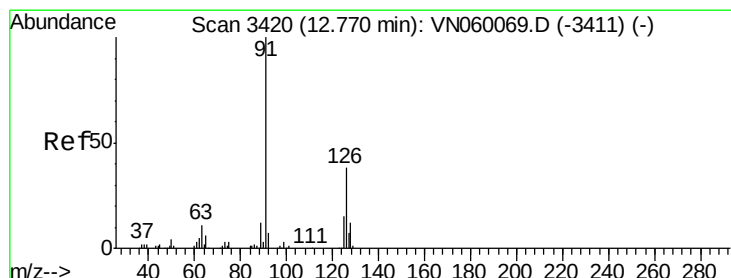
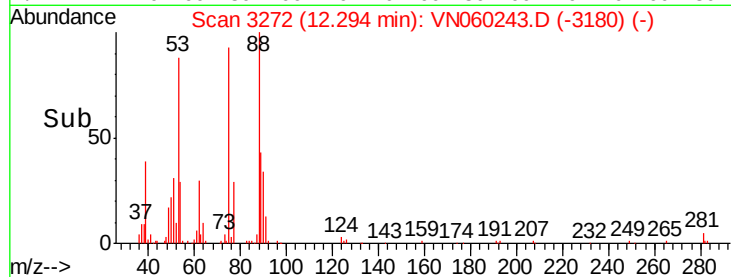
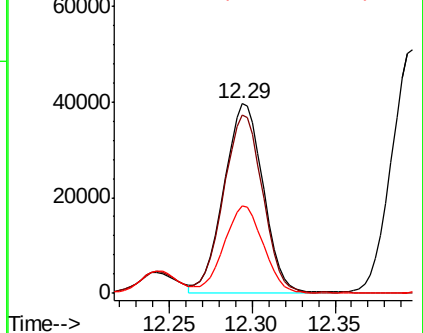
89 46.3 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.280 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060243.D

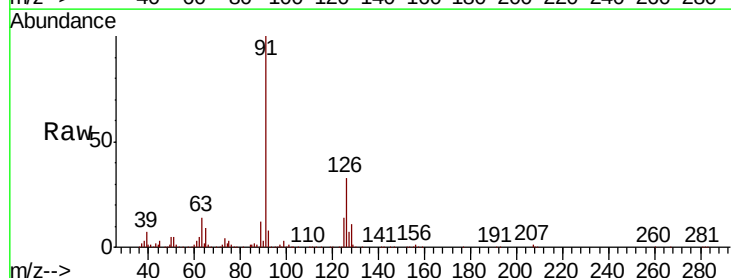
Acq: 25 Feb 2020 18:37

Tgt Ion: 91 Resp: 431614

Ion Ratio Lower Upper

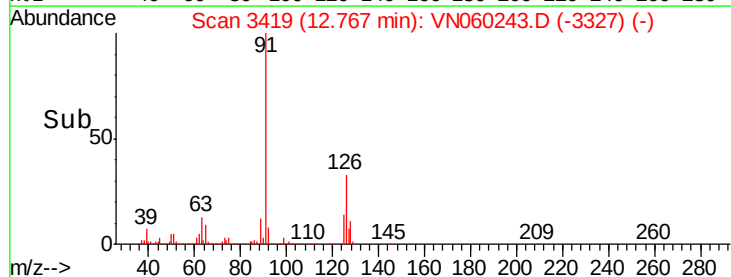
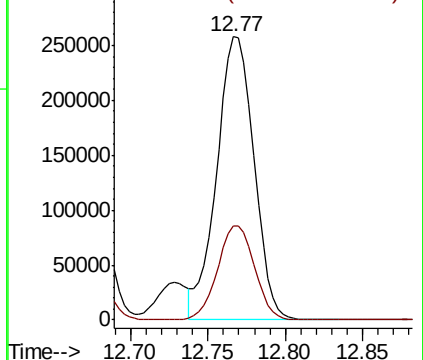
91 100

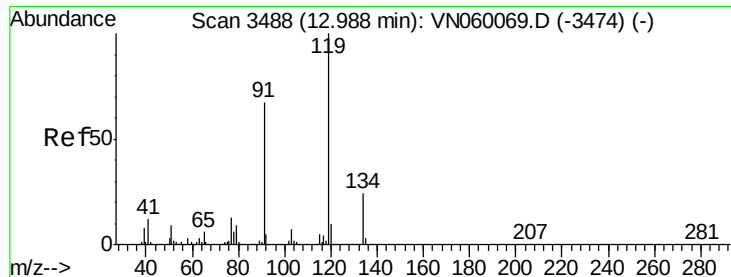
126 33.0 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 44.922 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060243.D

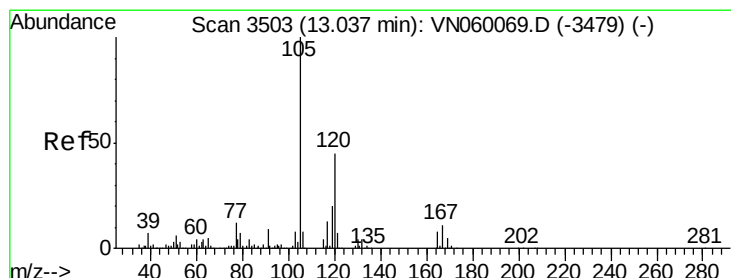
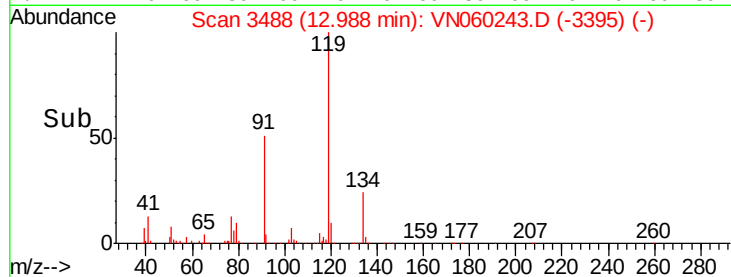
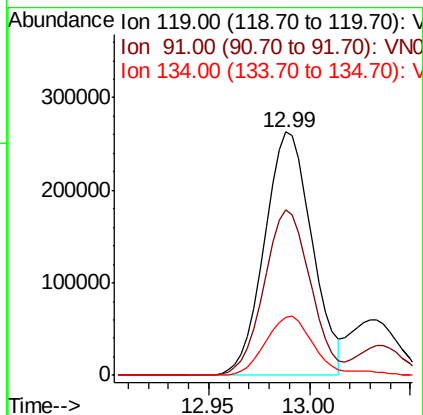
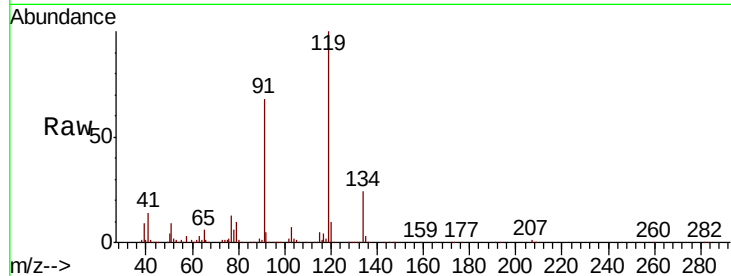
Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:119	Resp:	429917
Ion Ratio	Lower	Upper
119	100	
91	66.8	32.7 98.1
134	25.3	12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 47.757 ug/l

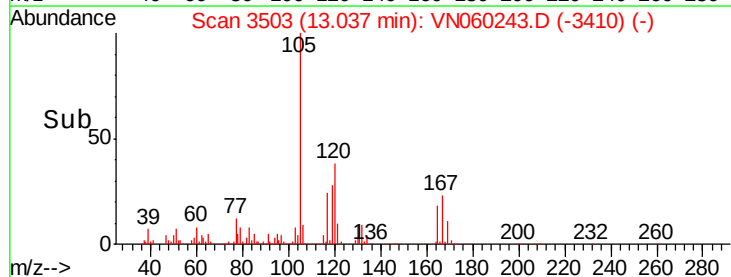
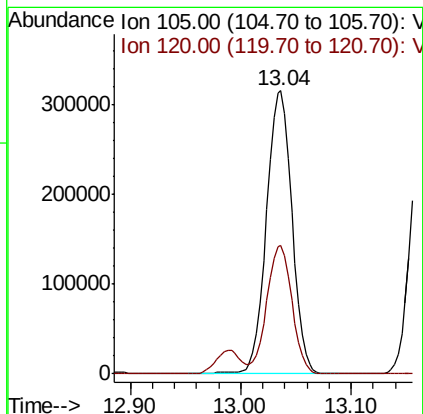
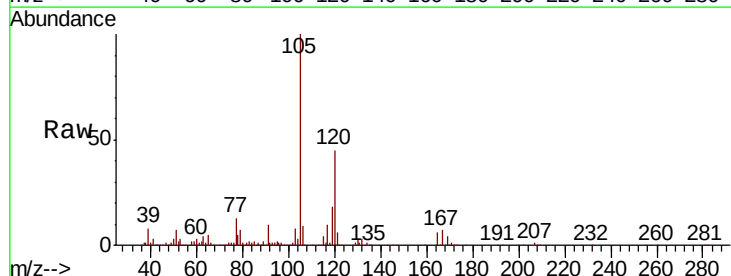
RT: 13.04 min Scan# 3503

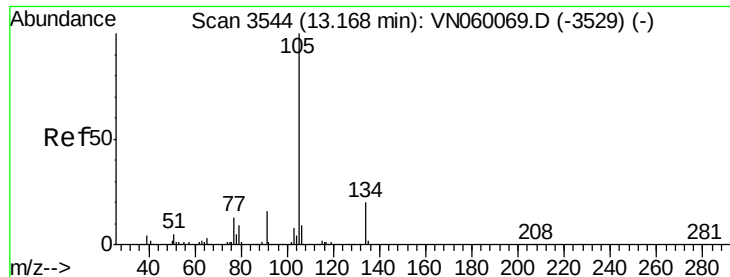
Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Tgt Ion:105	Resp:	510013
Ion Ratio	Lower	Upper
105	100	
120	44.8	22.4 67.3





#85

sec-Butylbenzene

Concen: 45.962 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

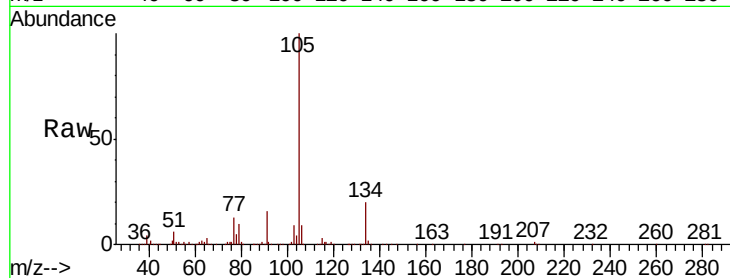
ClientSampleId :

Tot Ion:105 Resp: 582551

Ion Ratio Lower Upper

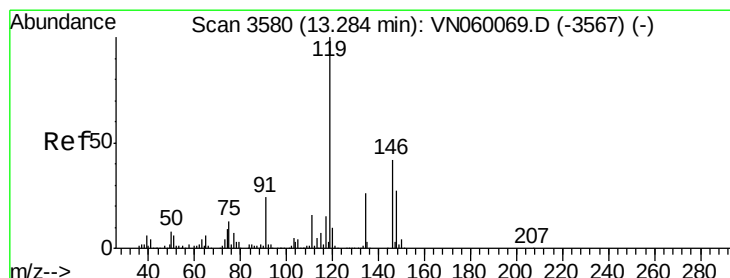
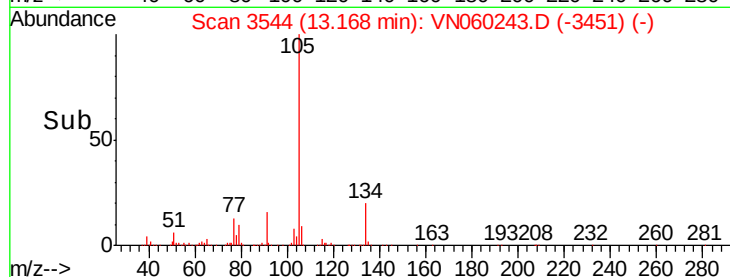
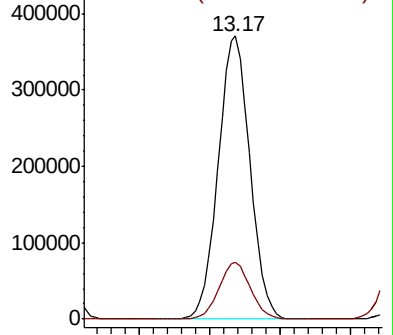
105 100

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



#86

p-Isopropyltoluene

Concen: 46.663 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

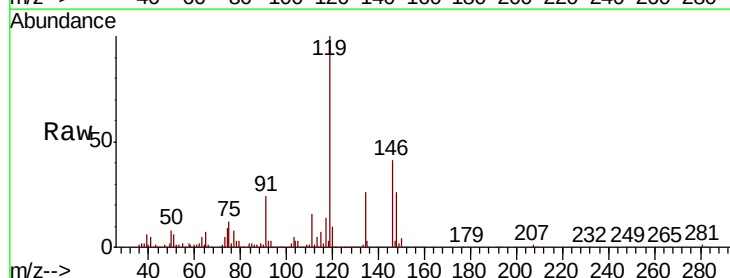
Tgt Ion:119 Resp: 535858

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

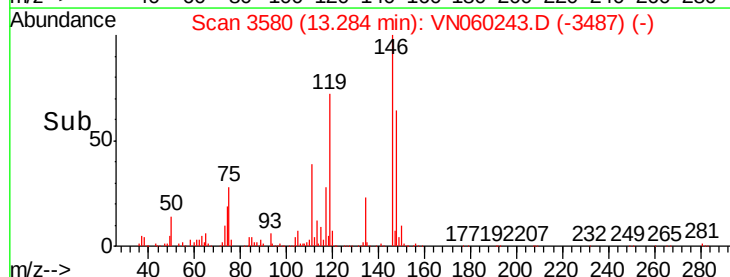
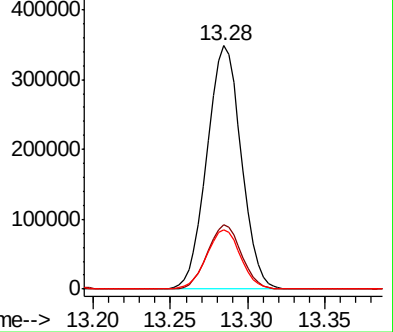
91 24.0 11.9 35.9

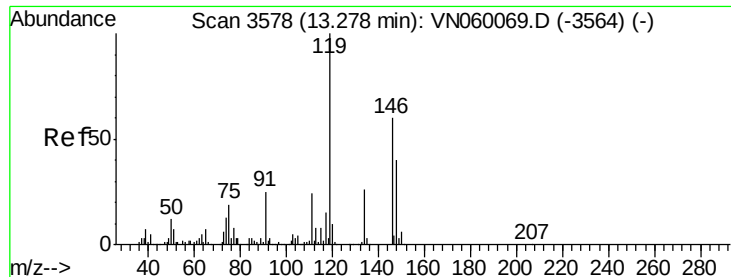


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

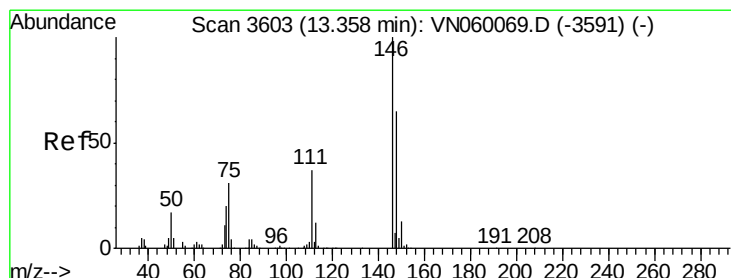
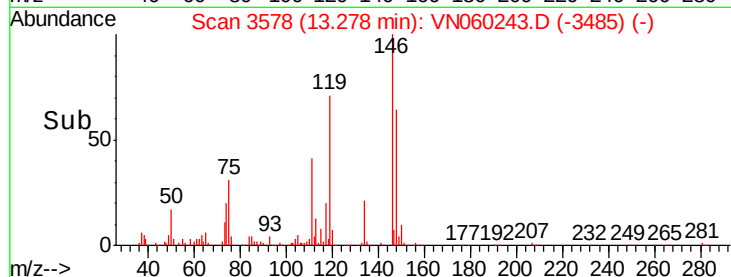
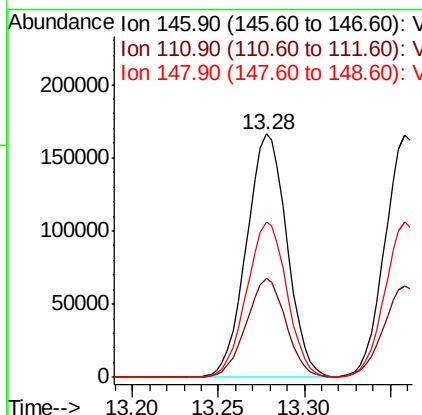
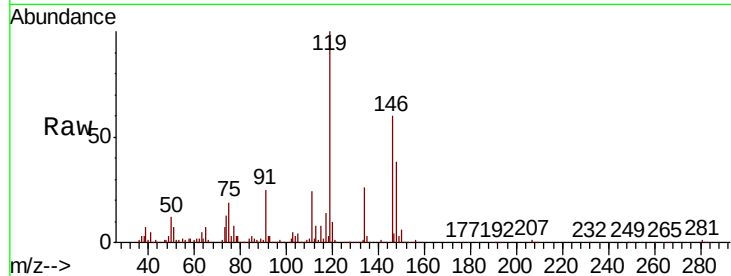




#87
 1,3-Dichlorobenzene
 Concen: 47.439 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

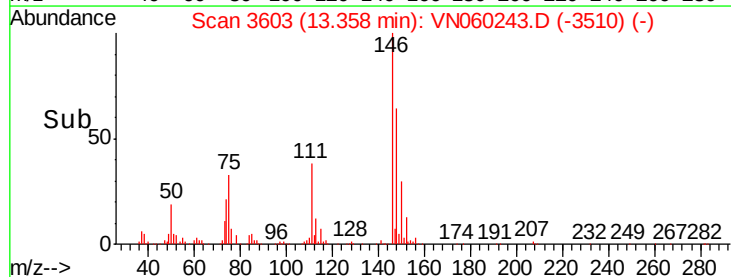
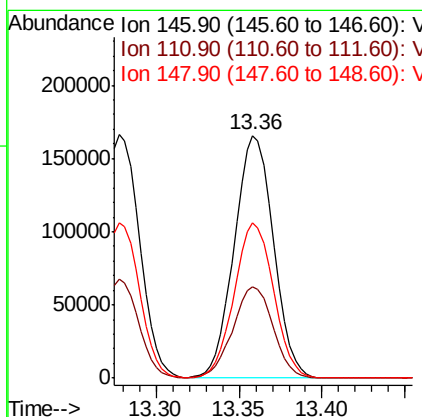
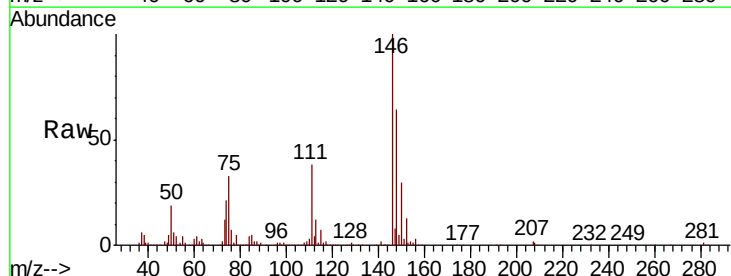
Instrument :
 MSVOA_N
 ClientSampleId :

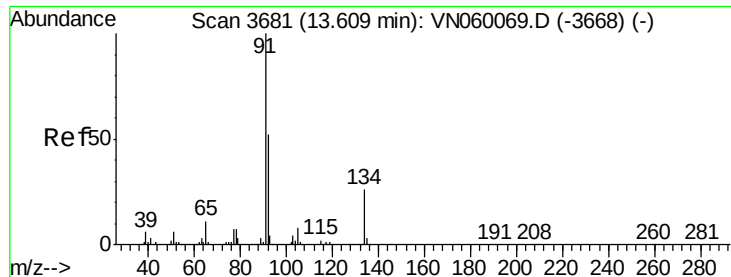
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.3
148	63.5	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.613 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	64.4	32.0	96.0





#89

n-Butylbenzene

Concen: 48.776 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060243.D

Acq: 25 Feb 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

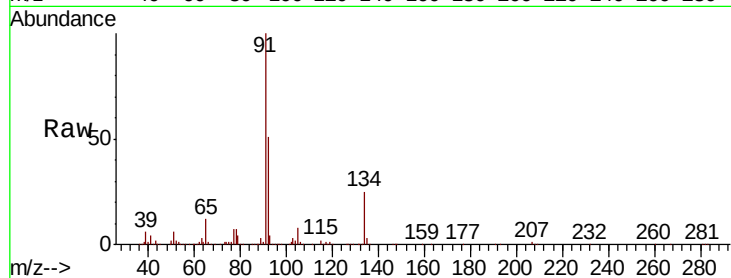
Tot Ion: 91 Resp: 492669

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.2

134 25.5 13.1 39.3

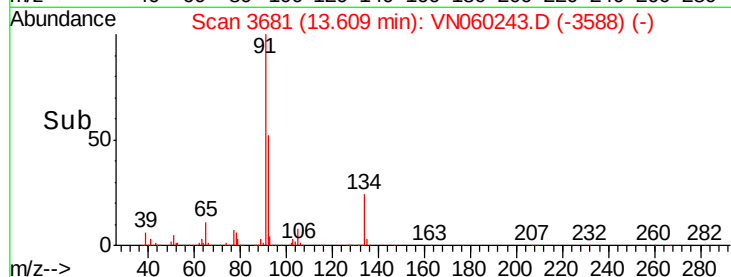


Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060069.D (-3668) (-)

Time--> 13.50 13.60 13.70

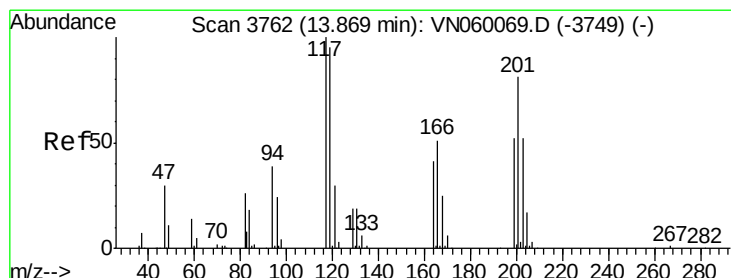


Abundance Ion 91.00 (90.70 to 91.70): VN060243.D (-3588) (-)

Ion 92.00 (91.70 to 92.70): VN060243.D (-3588) (-)

Ion 134.00 (133.70 to 134.70): VN060243.D (-3588) (-)

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 32.302 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060243.D

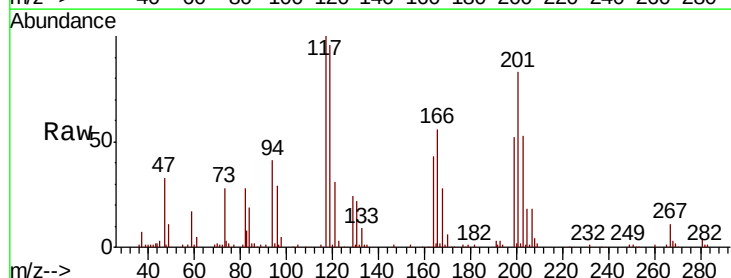
Acq: 25 Feb 2020 18:37

Tgt Ion: 117 Resp: 69299

Ion Ratio Lower Upper

117 100

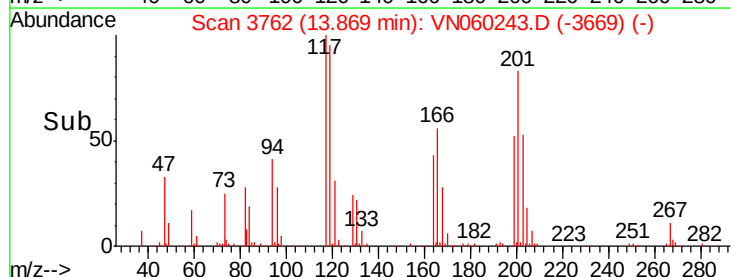
201 84.9 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060069.D (-3749) (-)

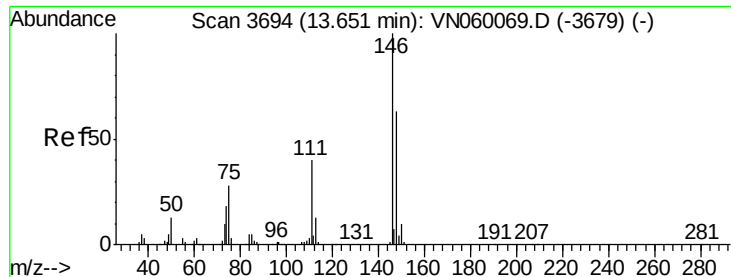
Time--> 13.80 13.85 13.90 13.95



Abundance Ion 116.80 (116.50 to 117.50): VN060243.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN060243.D (-3669) (-)

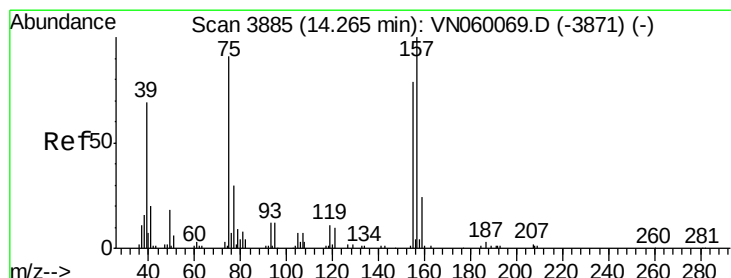
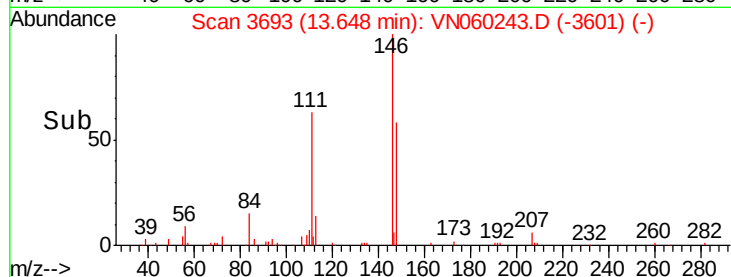
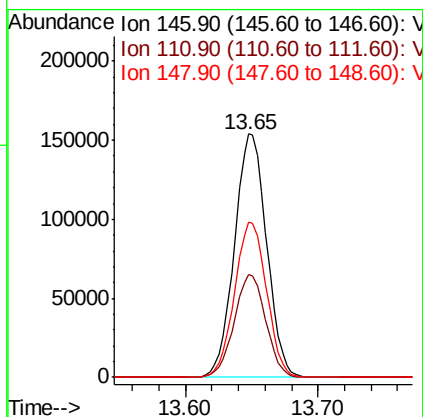
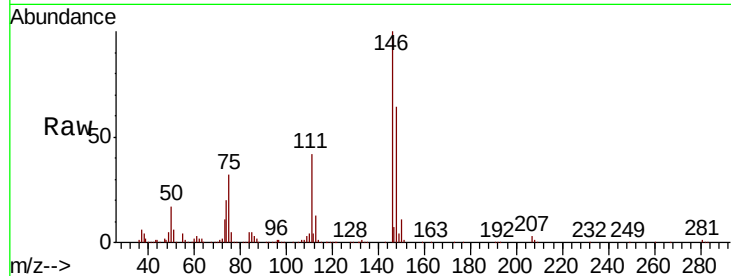
Time--> 13.80 13.85 13.90 13.95



#91
 1,2-Dichlorobenzene
 Concen: 46.259 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

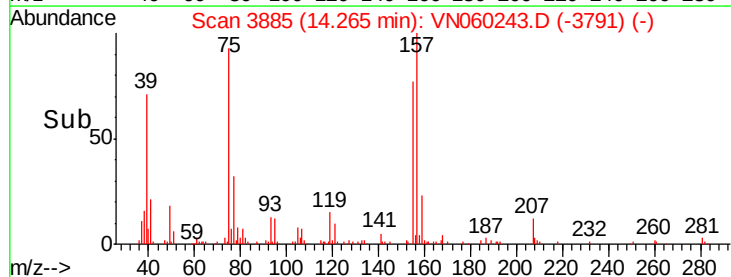
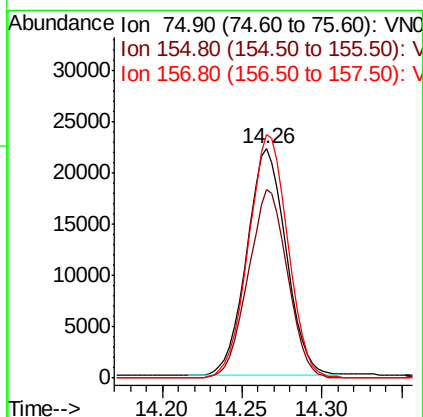
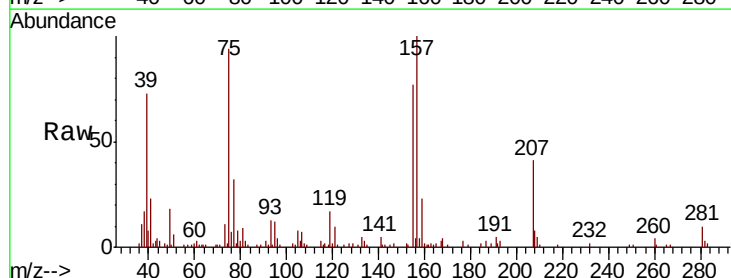
Instrument :
 MSVOA_N
 ClientSampleId :

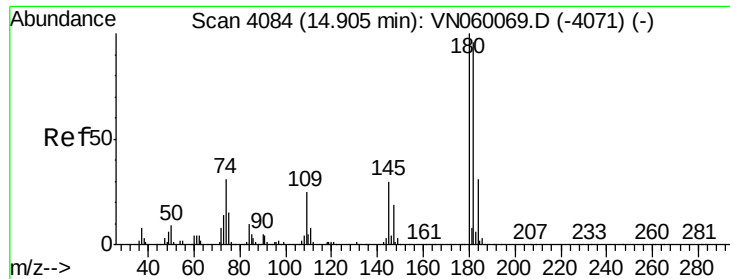
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.1	60.2
148	63.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.560 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	43.0	129.0
157	108.0	54.9	164.5

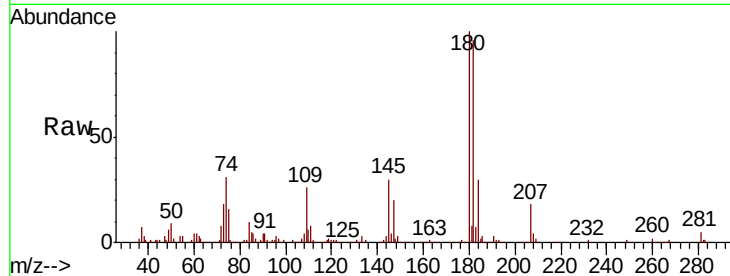




#93
 1,2,4-Trichlorobenzene
 Concen: 54.106 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.8
145	30.1	15.2	45.5

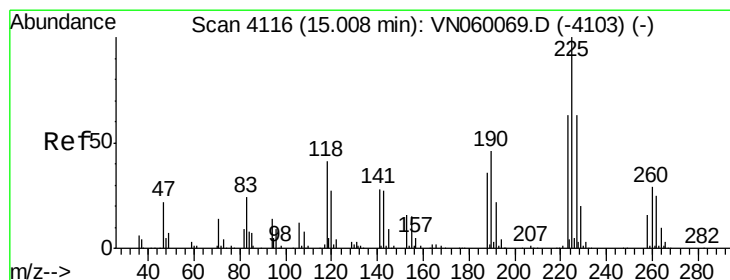
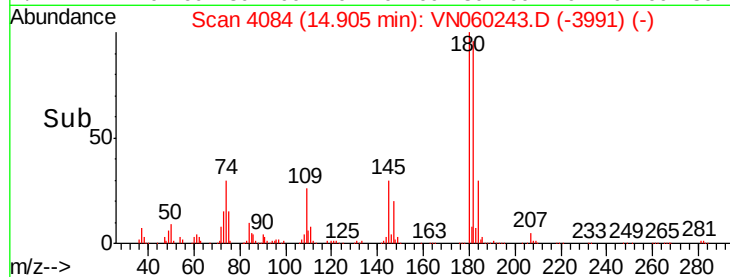
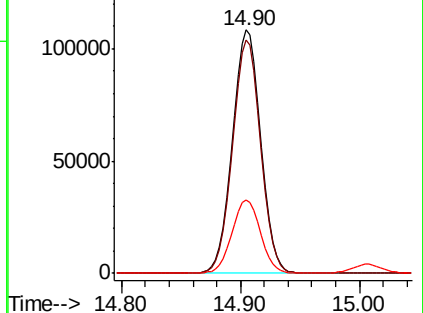


Abundance

Ion 179.80 (179.50 to 180.50): V

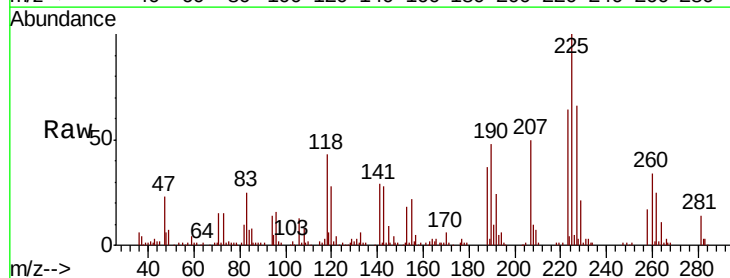
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 38.927 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060243.D
 Acq: 25 Feb 2020 18:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.5	94.5
227	65.1	31.8	95.4

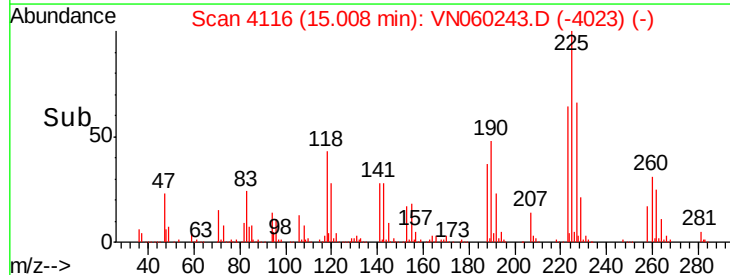
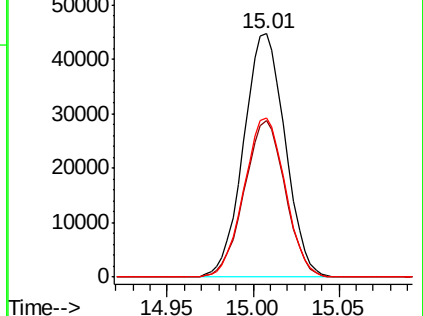


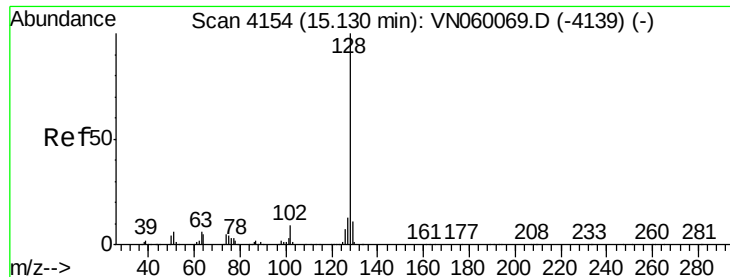
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

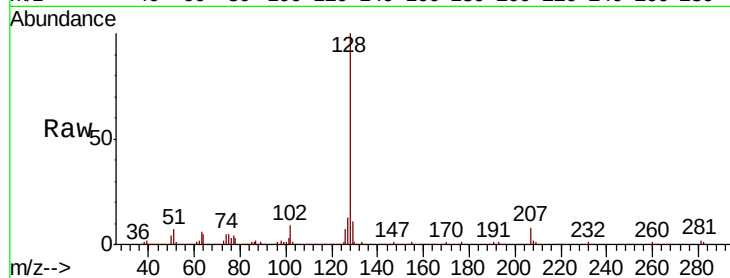




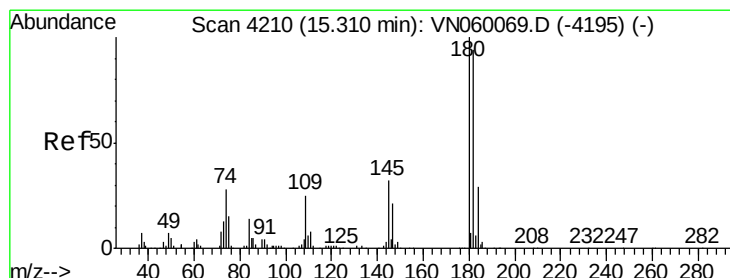
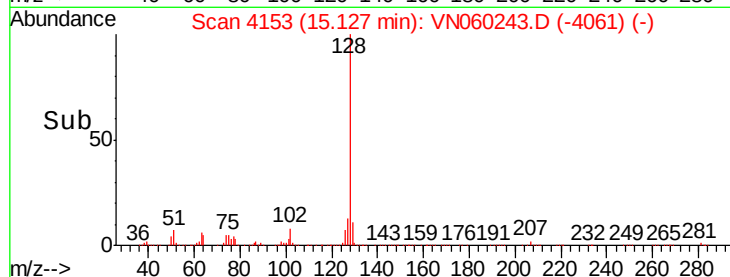
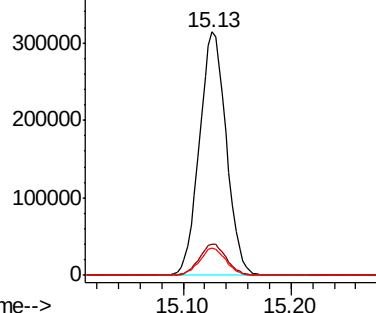
#95
Naphthalene
Concen: 61.245 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 543770
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.6 13.0

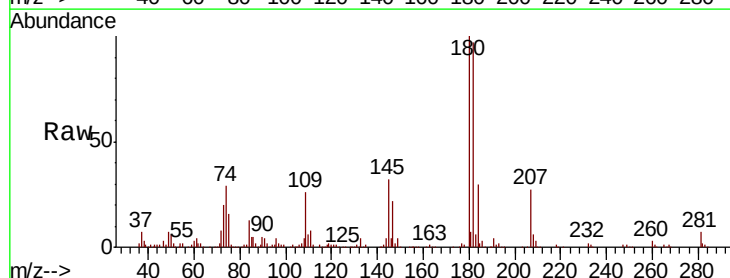


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.529 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060243.D
Acq: 25 Feb 2020 18:37

Tgt Ion:180 Resp: 168663
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 33.0 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

