

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050677.D
 Acq On : 16 Aug 2018 1:32
 Operator : MD\SY
 Sample : VN0815WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD03

Quant Time: Aug 16 04:51:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	920579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	822395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	404045	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.59	113	373511	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.09	98	1383873	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.40	95	435685	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	133480	19.12	ug/l	98
3) Chloromethane	2.06	50	175430	20.33	ug/l	100
4) Vinyl Chloride	2.18	62	180806	19.50	ug/l	99
5) Bromomethane	2.56	94	104431	19.69	ug/l	98
6) Chloroethane	2.70	64	109788	20.37	ug/l	98
7) Trichlorofluoromethane	3.01	101	240043	19.73	ug/l	98
8) Diethyl Ether	3.41	74	83787	20.70	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144556	19.65	ug/l	98
10) Methyl Iodide	3.95	142	91773	22.06	ug/l	99
11) Tert butyl alcohol	4.80	59	49623	116.44	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	132613	19.74	ug/l	98
13) Acrolein	3.61	56	13659	77.19	ug/l	99
14) Allyl chloride	4.32	41	199014	19.04	ug/l	99
15) Acrylonitrile	5.00	53	251153	107.31	ug/l	99
16) Acetone	3.82	43	222162	113.21	ug/l	100
17) Carbon Disulfide	4.05	76	410061	19.40	ug/l	100
18) Methyl Acetate	4.33	43	127661	22.75	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	368205	21.53	ug/l	99
20) Methylene Chloride	4.55	84	159918	20.82	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	146489	20.11	ug/l	97
22) Diisopropyl ether	5.96	45	462643	21.59	ug/l	97
23) Vinyl Acetate	5.90	43	1502006	107.17	ug/l	99
24) 1,1-Dichloroethane	5.85	63	278627	20.10	ug/l	100
25) 2-Butanone	6.84	43	348293	108.84	ug/l	99
26) 2,2-Dichloropropane	6.83	77	147567	15.90	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	160127	19.74	ug/l	99
28) Bromochloromethane	7.20	49	131915	20.91	ug/l	100
29) Tetrahydrofuran	7.22	42	192467	115.19	ug/l	99
30) Chloroform	7.37	83	280628	19.97	ug/l	99
31) Cyclohexane	7.66	56	234967	19.65	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	238676	20.18	ug/l	99
36) 1,1-Dichloropropene	7.80	75	205620	20.07	ug/l	99
37) Ethyl Acetate	6.93	43	137374	23.72	ug/l	100
38) Carbon Tetrachloride	7.78	117	211390	19.88	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	212273	20.01	ug/l	97
40) Benzene	8.04	78	640066	20.53	ug/l	100
41) Methacrylonitrile	7.17	41	65233	20.83	ug/l	97
42) 1,2-Dichloroethane	8.13	62	195381	20.45	ug/l	99
43) Isopropyl Acetate	8.17	43	221023	20.94	ug/l	98
44) Trichloroethene	8.84	130	164552	19.70	ug/l	99
45) 1,2-Dichloropropane	9.12	63	168018	20.24	ug/l	99
46) Dibromomethane	9.21	93	97853	19.97	ug/l	99
47) Bromodichloromethane	9.40	83	209407	19.99	ug/l	99
48) Methyl methacrylate	9.20	41	105269	19.82	ug/l	96
49) 1,4-Dioxane	9.20	88	30467	435.39	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	807124	113.05	ug/l	99
52) Toluene	10.16	92	379190	20.37	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	189136	19.39	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	222867	19.91	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	143596	20.65	ug/l	98
56) Ethyl methacrylate	10.43	69	164803	19.77	ug/l	99
57) 1,3-Dichloropropane	10.71	76	236958	20.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	388608	98.06	ug/l	99
59) 2-Hexanone	10.75	43	513116	111.35	ug/l	100
60) Dibromochloromethane	10.90	129	157216	20.49	ug/l	99
61) 1,2-Dibromoethane	11.01	107	138230	20.87	ug/l	99
64) Tetrachloroethene	10.63	164	157938	20.68	ug/l	99
65) Chlorobenzene	11.44	112	408214	19.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153993	20.07	ug/l	99
67) Ethyl Benzene	11.51	91	678388	20.53	ug/l	100
68) m/p-Xylenes	11.62	106	528047	41.78	ug/l	100
69) o-Xylene	11.95	106	251717	20.89	ug/l	100
70) Styrene	11.96	104	410276	19.72	ug/l	100
71) Bromoform	12.13	173	103788	20.40	ug/l #	99
73) Isopropylbenzene	12.25	105	658963	20.84	ug/l	100
74) N-amyl acetate	12.07	43	177364	21.56	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	175358	22.61	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	198047	29.87	ug/l #	100
77) Bromobenzene	12.53	156	174208	20.29	ug/l	99
78) n-propylbenzene	12.59	91	743214	21.08	ug/l	99
79) 2-Chlorotoluene	12.68	91	453846	20.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	548958	21.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	35064	19.26	ug/l	98
82) 4-Chlorotoluene	12.77	91	459160	21.13	ug/l	99
83) tert-Butylbenzene	12.99	119	464462	21.13	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	550869	21.68	ug/l	100
85) sec-Butylbenzene	13.17	105	611604	21.29	ug/l	100
86) p-Isopropyltoluene	13.29	119	511873	21.03	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	298050	20.39	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	285735	19.70	ug/l	99
89) n-Butylbenzene	13.62	91	387726	19.73	ug/l	99
90) Hexachloroethane	13.88	117	96535	19.73	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	294852	20.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24659	21.86	ug/l	98

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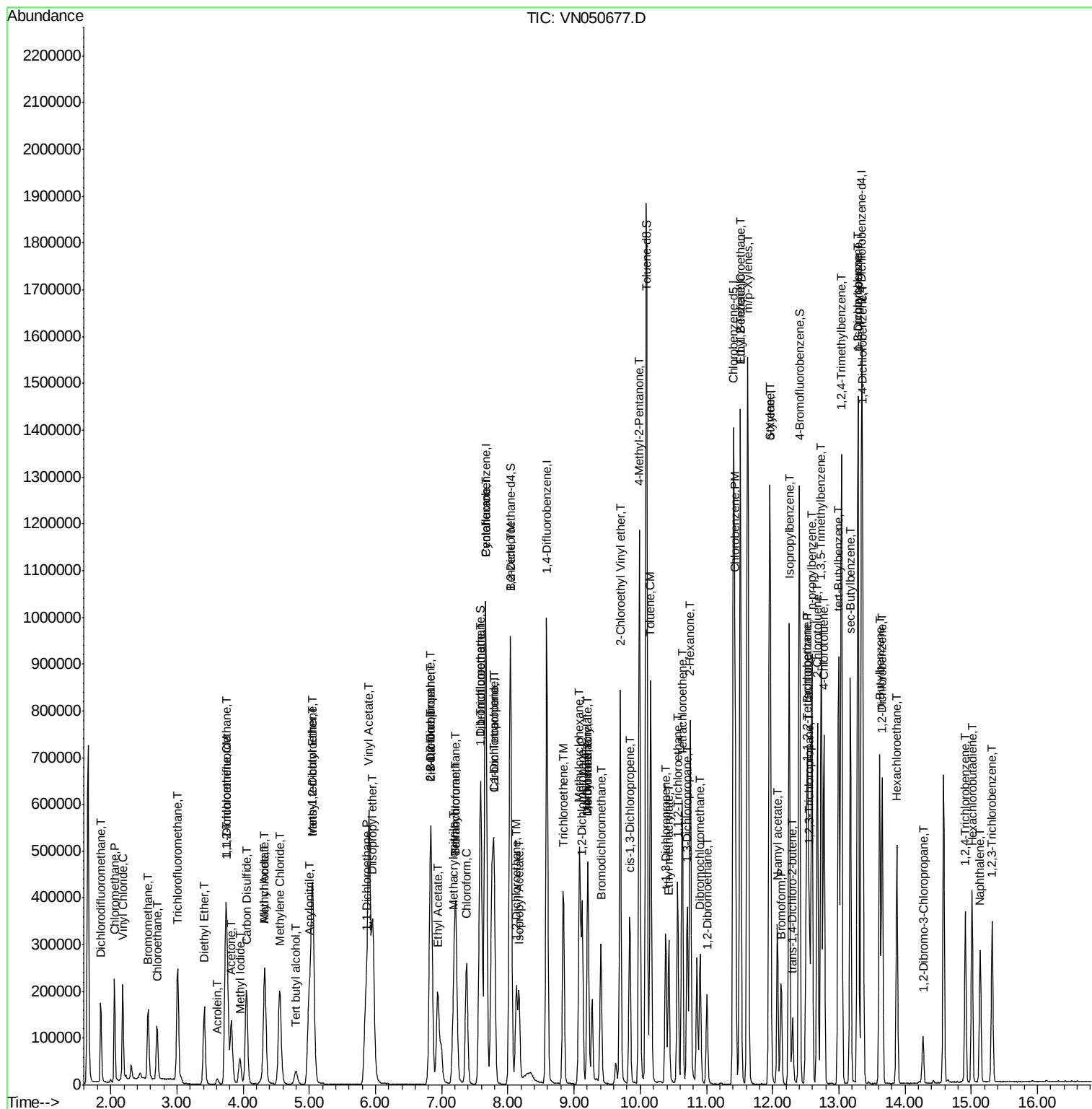
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

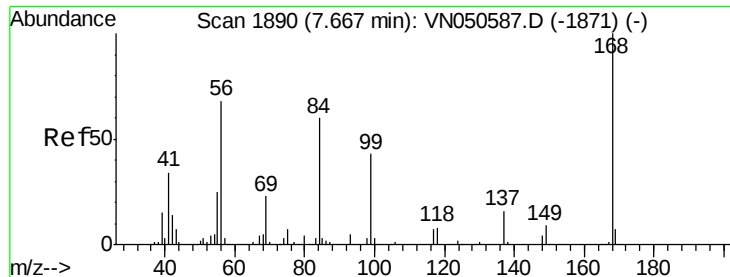
Quant Time: Aug 16 04:51:03 2018
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	124082	18.72	ug/l	98
94) Hexachlorobutadiene	15.01	225	86088	19.69	ug/l	99
95) Naphthalene	15.14	128	253580	18.89	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	128550	20.02	ug/l	98

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

Quant Time: Aug 16 01:51:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

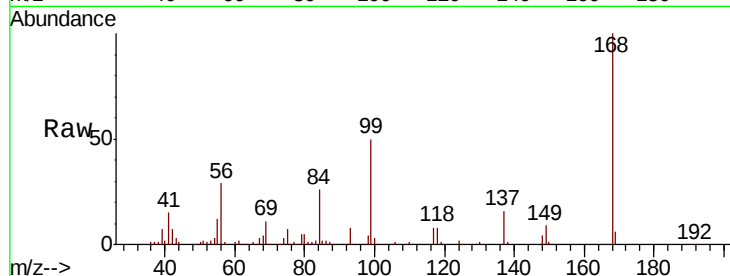
VN0815WBSD03

Tot Ion:168 Resp: 619162

Ion Ratio Lower Upper

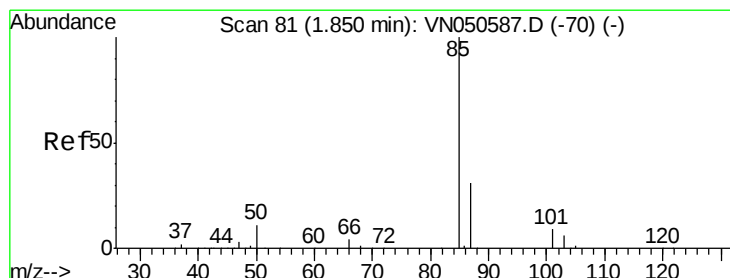
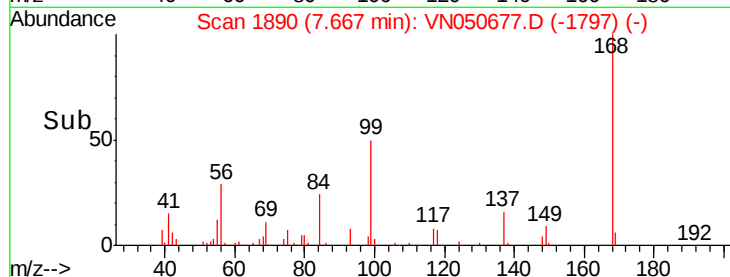
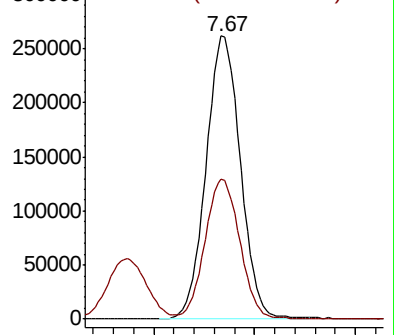
168 100

99 49.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.12 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050677.D

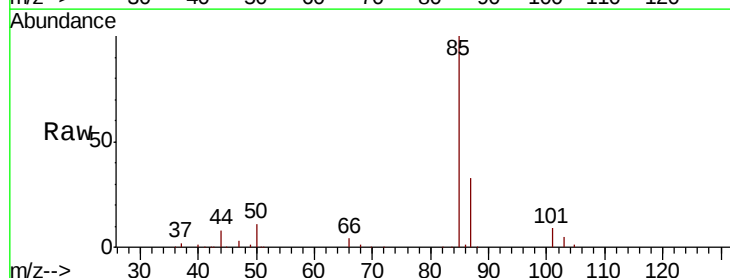
Acq: 16 Aug 2018 1:32

Tgt Ion: 85 Resp: 133480

Ion Ratio Lower Upper

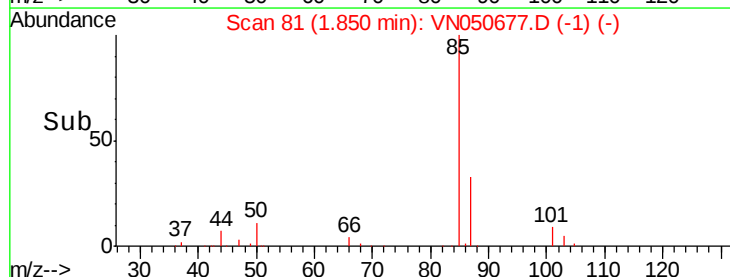
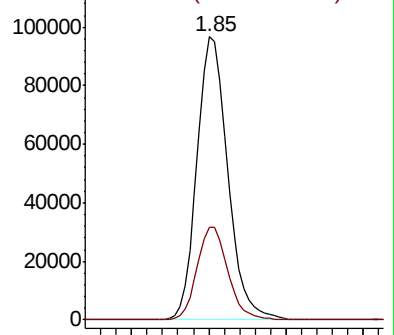
85 100

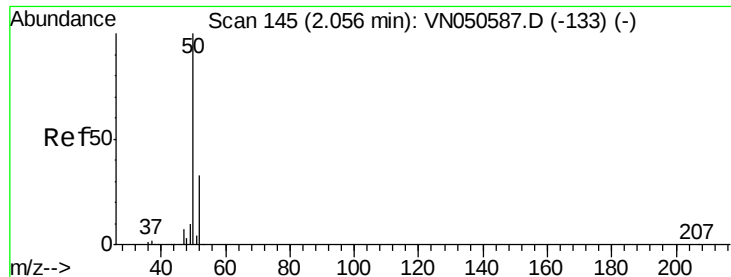
87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 20.33 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

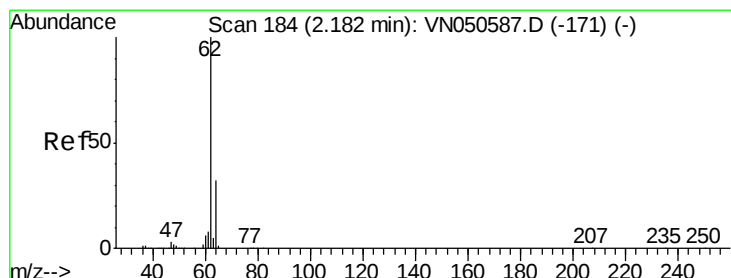
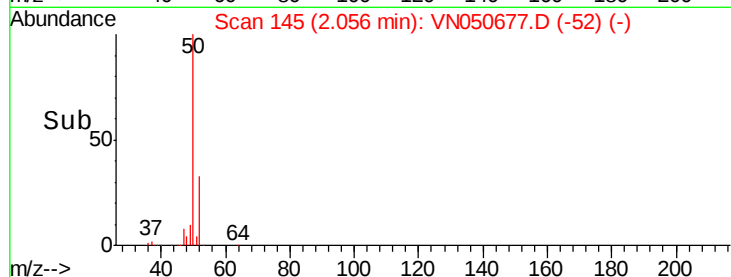
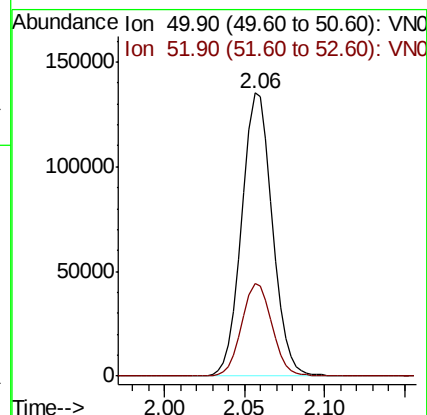
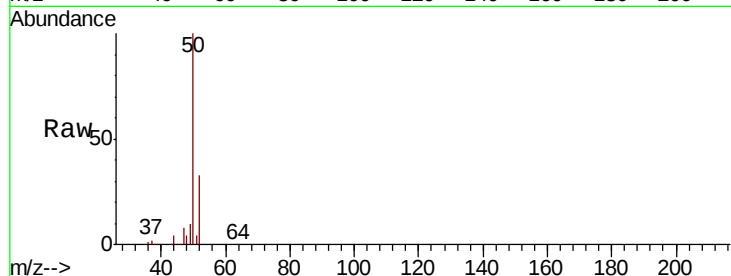
VN0815WBSD03

Tot Ion: 50 Resp: 175430

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 19.50 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050677.D

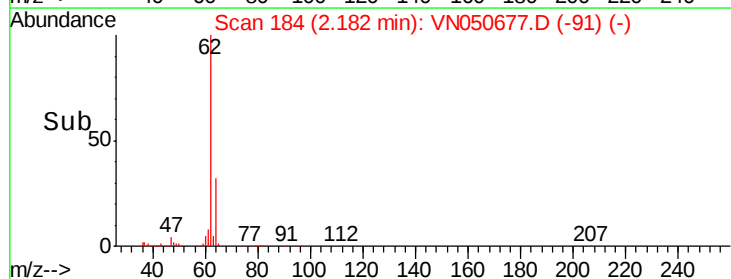
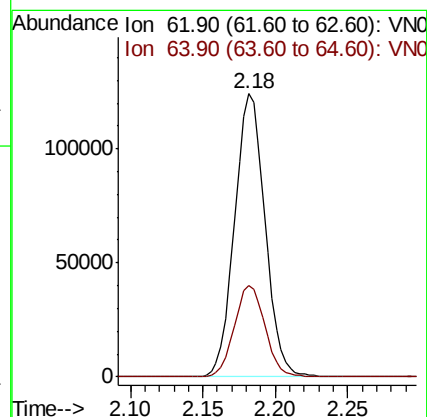
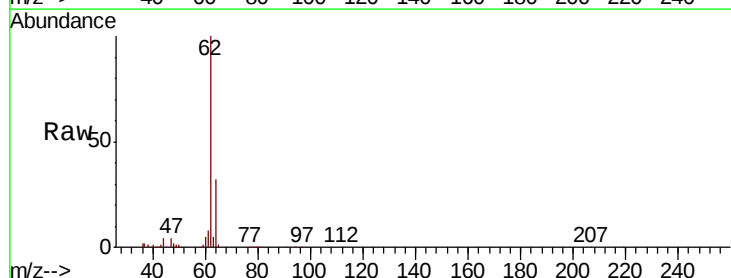
Acq: 16 Aug 2018 1:32

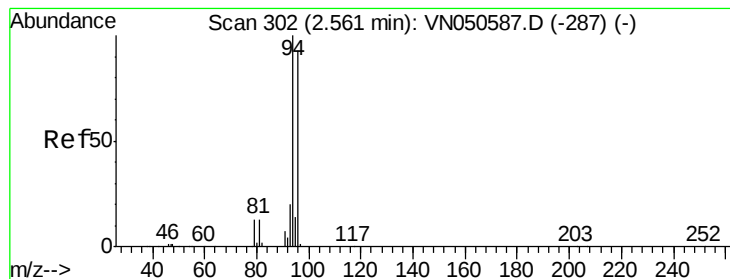
Tgt Ion: 62 Resp: 180806

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 19.69 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

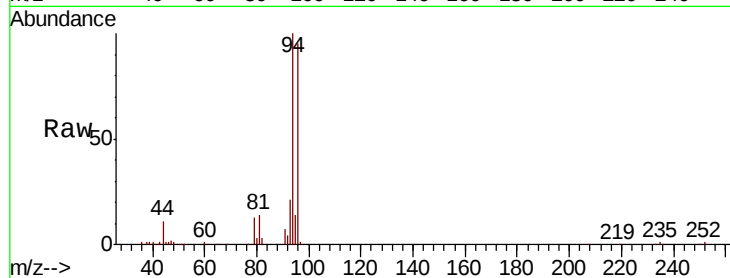
VN0815WBSD03

Tot Ion: 94 Resp: 104431

Ion Ratio Lower Upper

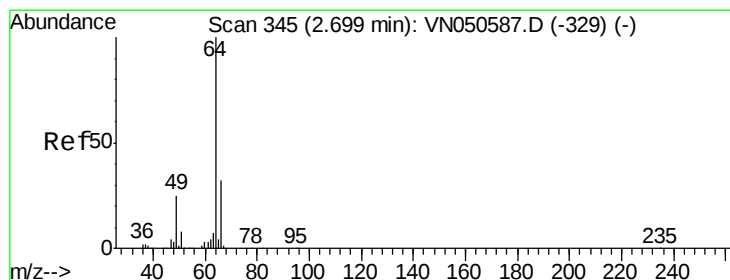
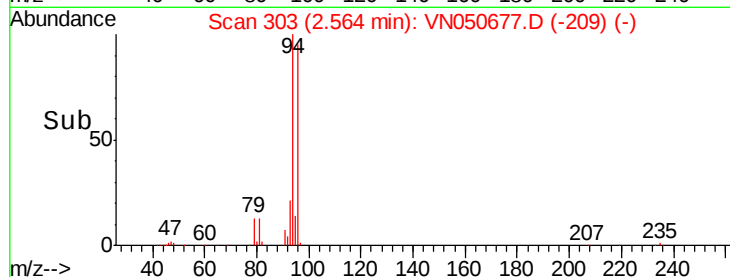
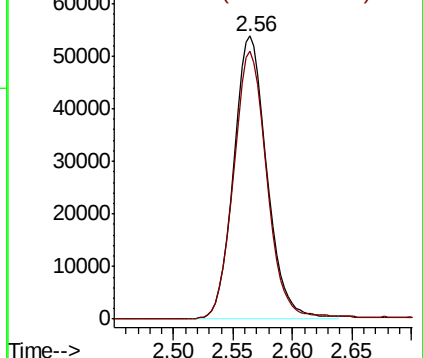
94 100

96 94.4 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.37 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050677.D

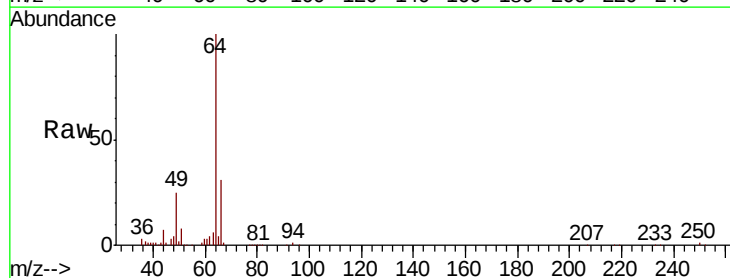
Acq: 16 Aug 2018 1:32

Tgt Ion: 64 Resp: 109788

Ion Ratio Lower Upper

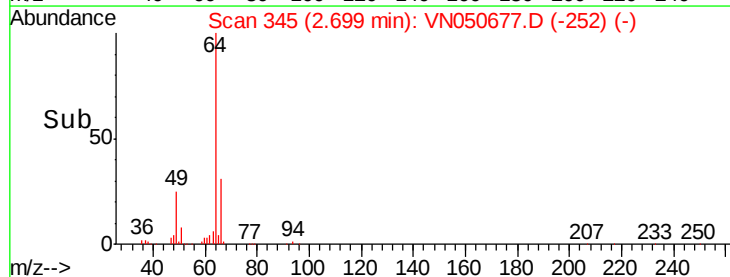
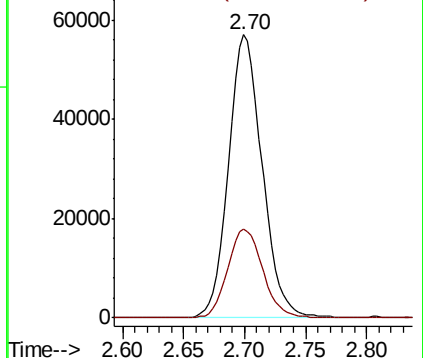
64 100

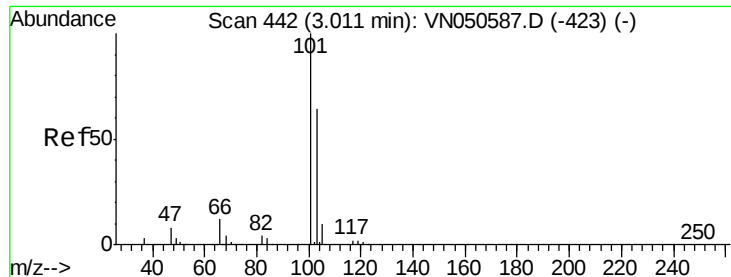
66 31.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



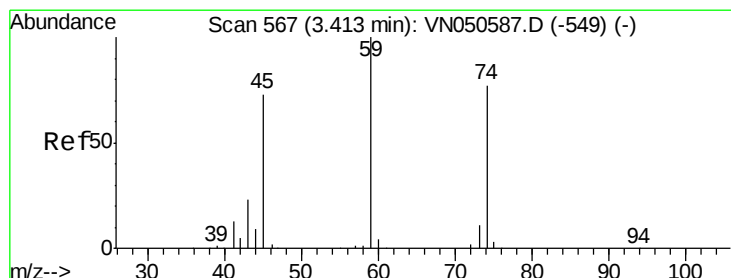
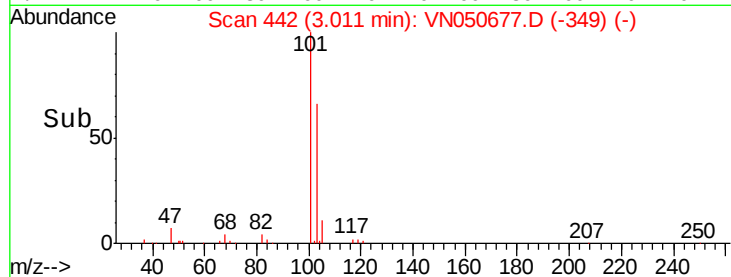
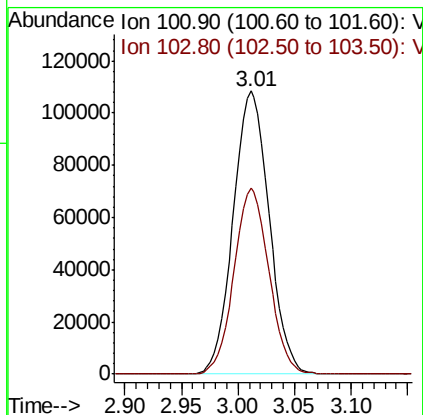
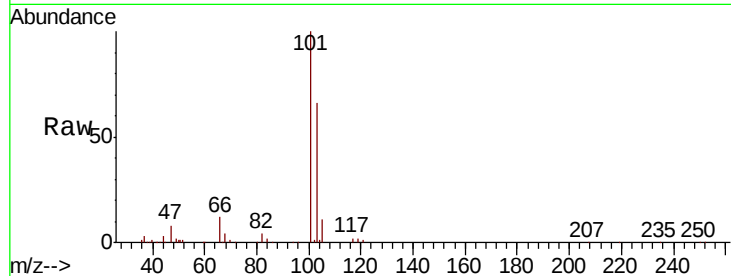


#7

Trichlorofluoromethane
 Concen: 19.73 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

Instrument :
 MSVOA_N
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 VN0815WBSD03

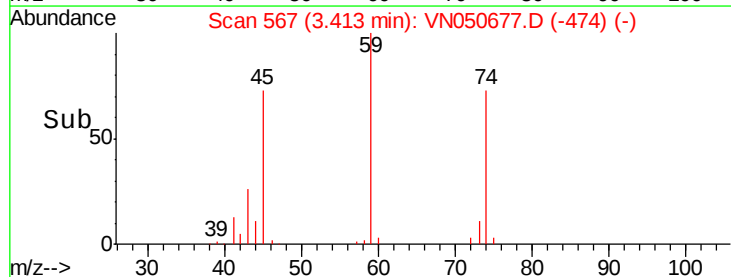
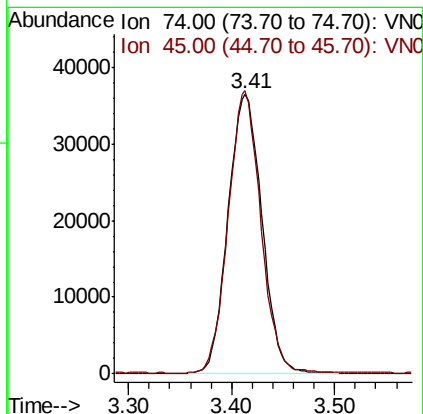
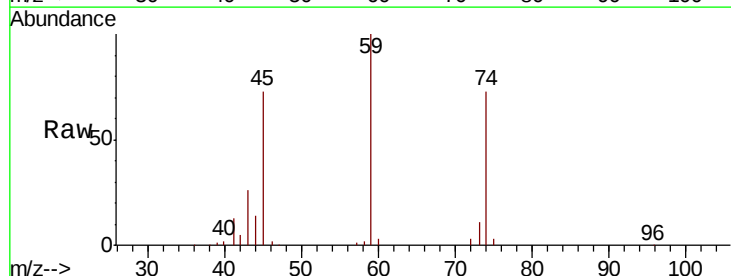
Tot Ion:101 Resp: 240043
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.0

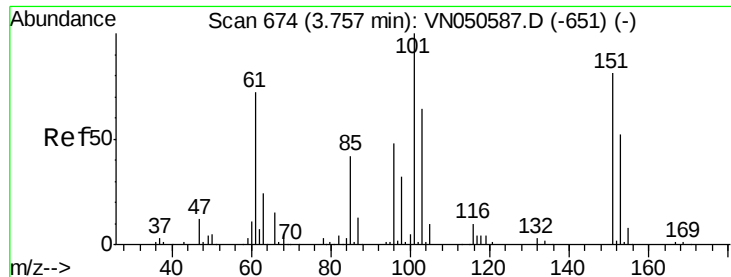


#8

Diethyl Ether
 Concen: 20.70 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

Tgt Ion: 74 Resp: 83787
 Ion Ratio Lower Upper
 74 100
 45 97.8 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.65 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

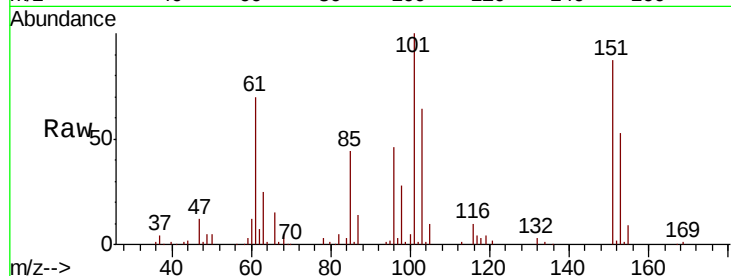
Tot Ion:101 Resp: 144556

Ion Ratio Lower Upper

101 100

85 42.7 33.4 50.0

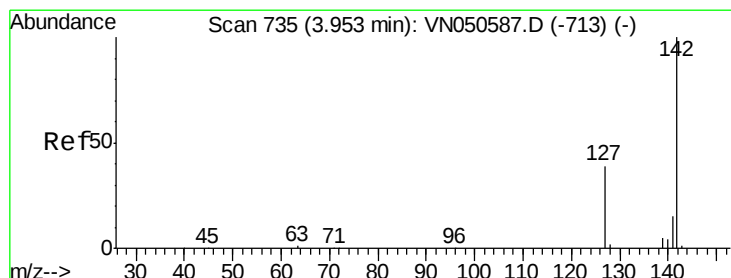
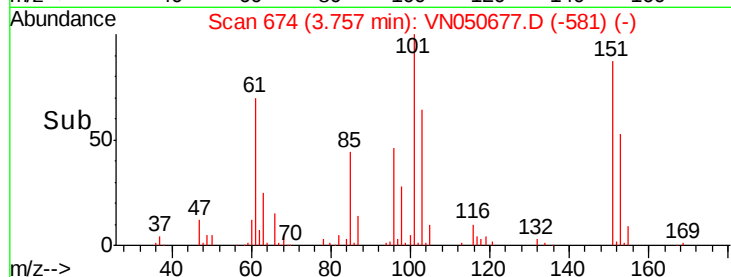
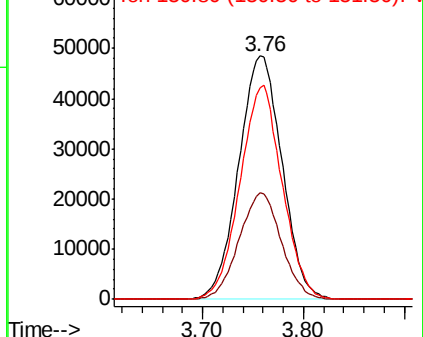
151 85.4 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.06 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

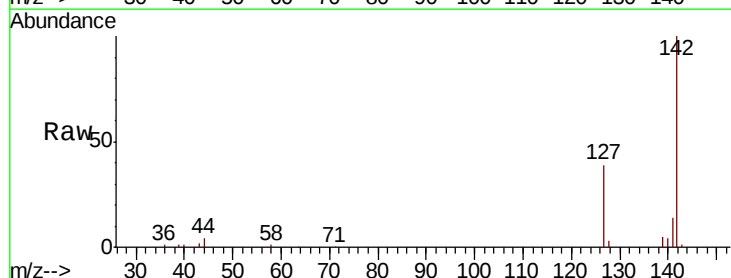
Tgt Ion:142 Resp: 91773

Ion Ratio Lower Upper

142 100

127 40.4 32.6 49.0

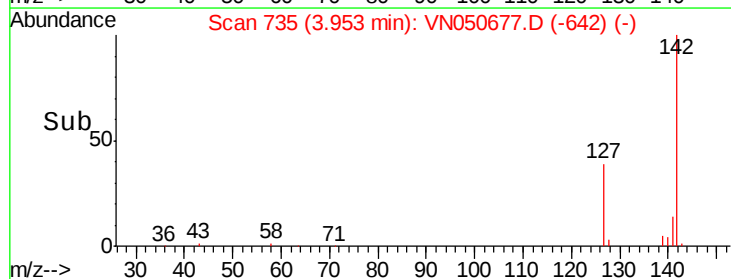
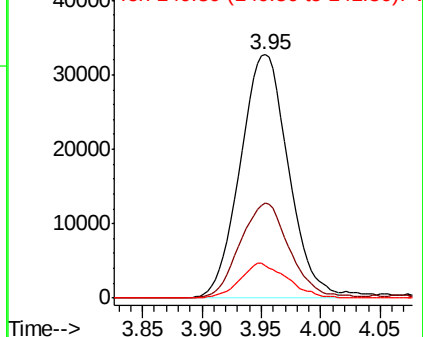
141 14.1 11.5 17.3

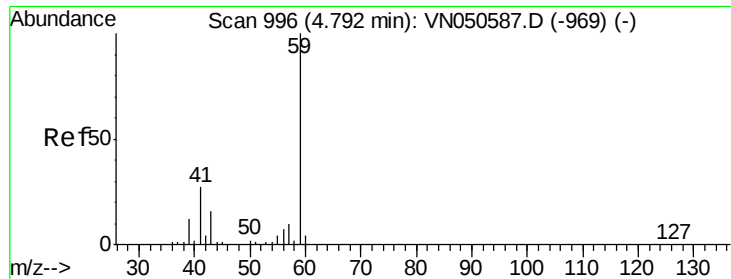


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

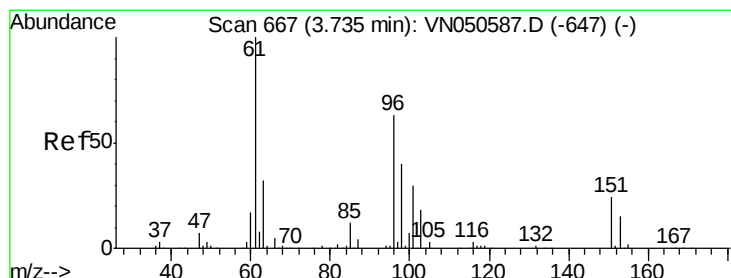
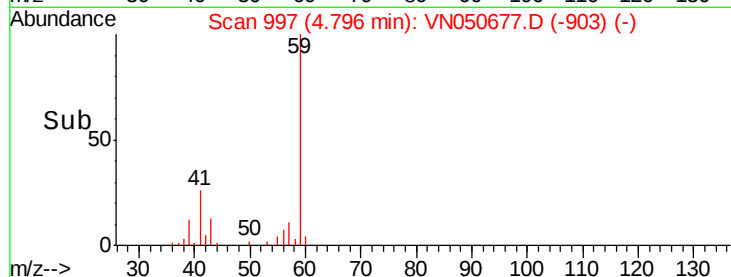
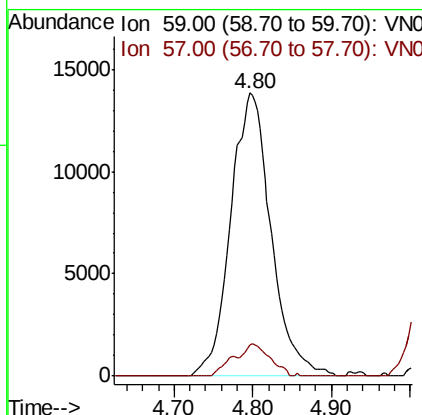
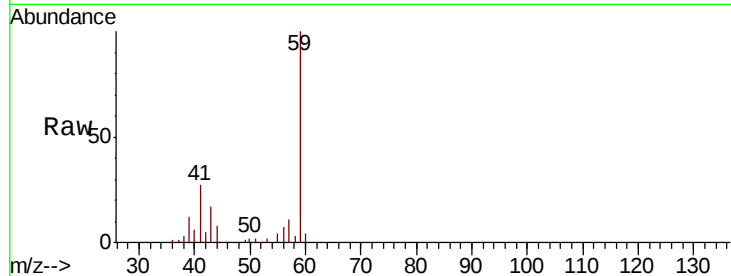




#11
Tert butyl alcohol
Concen: 116.44 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

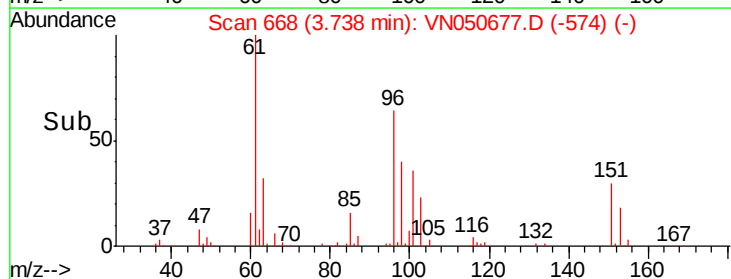
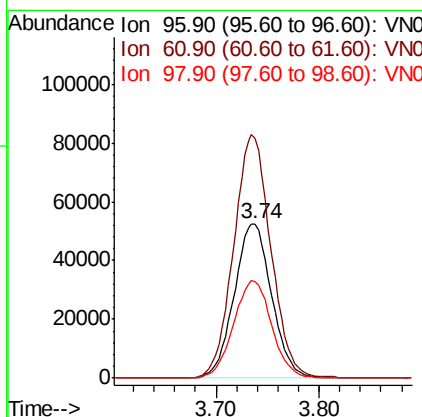
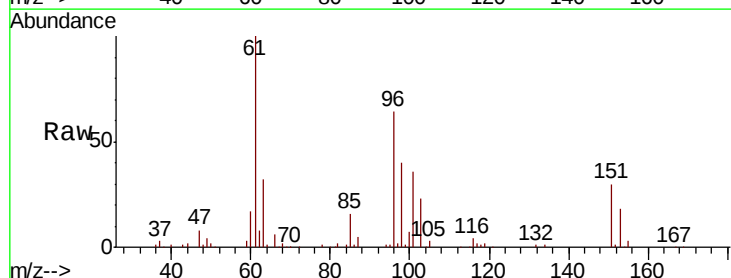
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

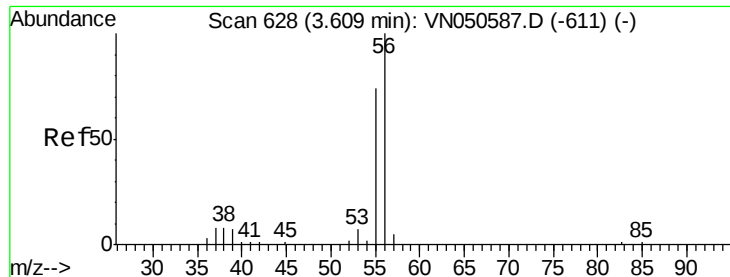
Tot Ion: 59 Resp: 49623
Ion Ratio Lower Upper
59 100
57 7.3 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 19.74 ug/l
RT: 3.74 min Scan# 668
Delta R.T. 0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion: 96 Resp: 132613
Ion Ratio Lower Upper
96 100
61 156.1 126.9 190.3
98 62.7 51.1 76.7





#13

Acrolein

Concen: 77.19 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

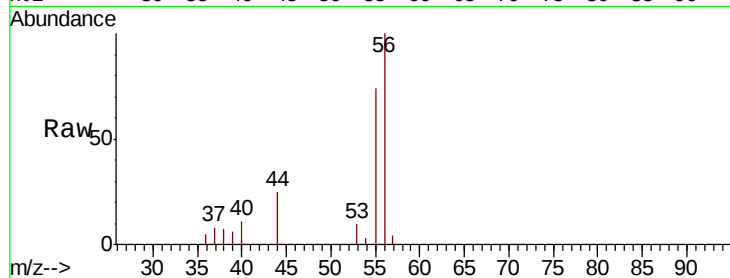
VN0815WBSD03

Tot Ion: 56 Resp: 13659

Ion Ratio Lower Upper

56 100

55 71.2 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

6000

5000

4000

3000

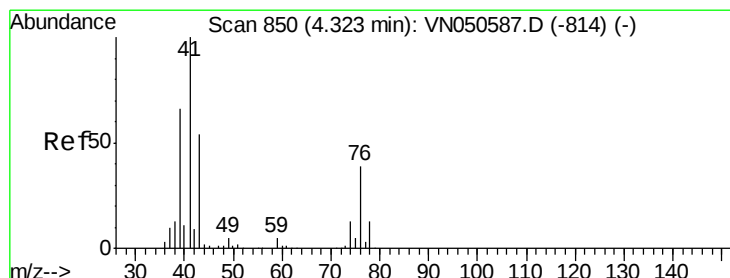
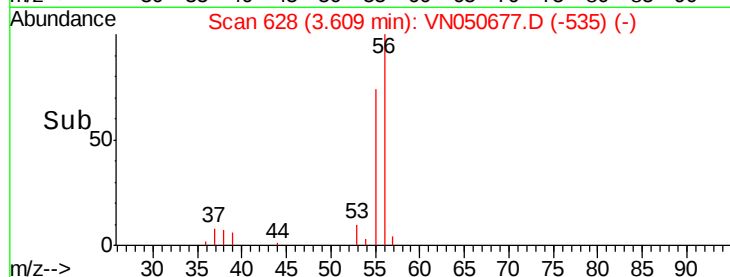
2000

1000

0

Time-->

3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 19.04 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

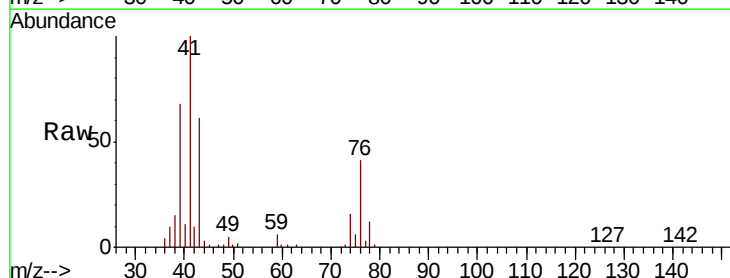
Tgt Ion: 41 Resp: 199014

Ion Ratio Lower Upper

41 100

39 62.5 51.4 77.0

76 36.7 29.4 44.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

80000

60000

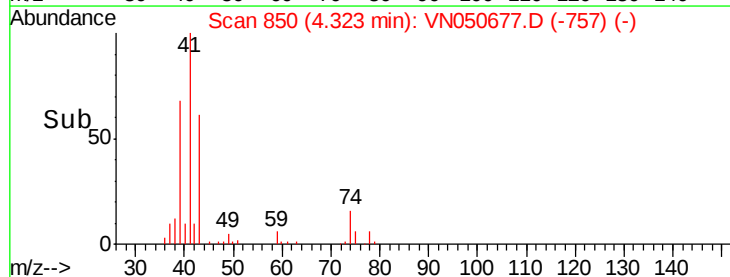
40000

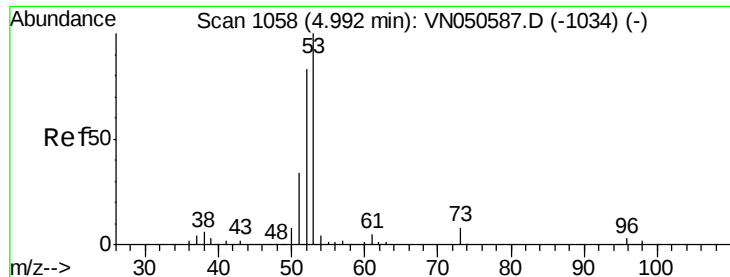
20000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 107.31 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

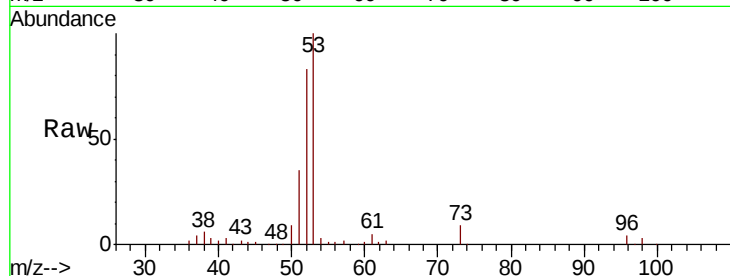
Tot Ion: 53 Resp: 251153

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

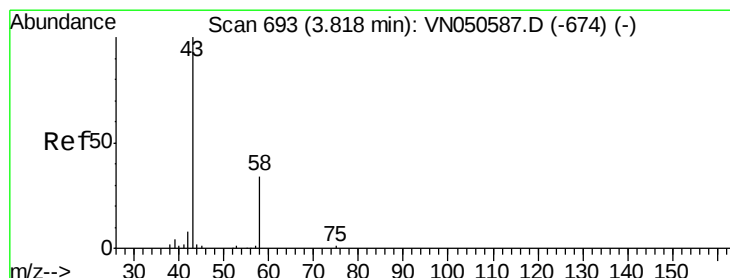
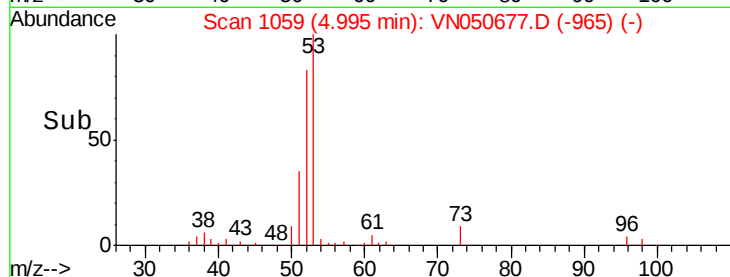
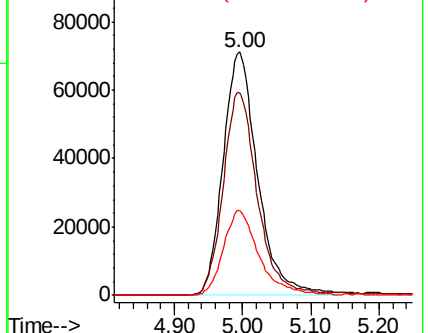
51 36.1 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 113.21 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050677.D

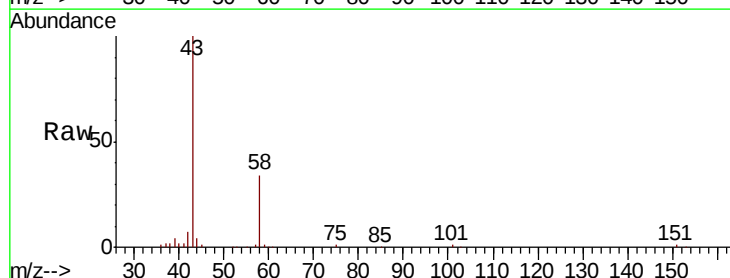
Acq: 16 Aug 2018 1:32

Tgt Ion: 43 Resp: 222162

Ion Ratio Lower Upper

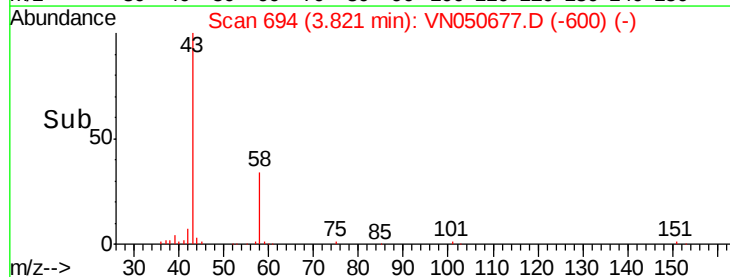
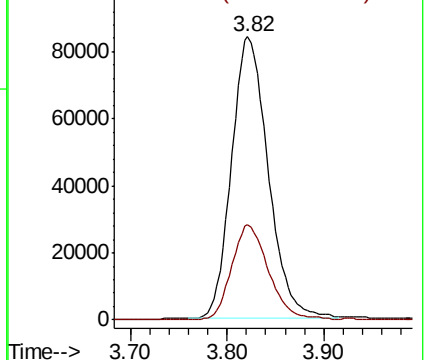
43 100

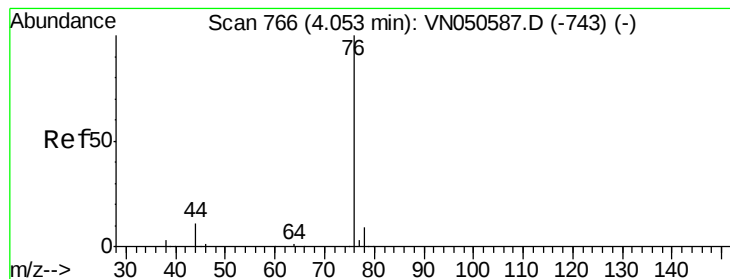
58 33.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.40 ug/l

RT: 4.05 min Scan# 766

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

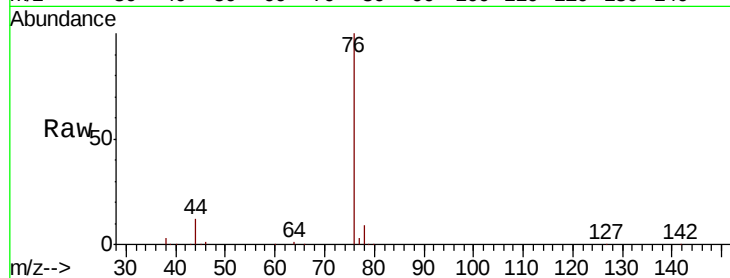
VN0815WBSD03

Tot Ion: 76 Resp: 410061

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

150000

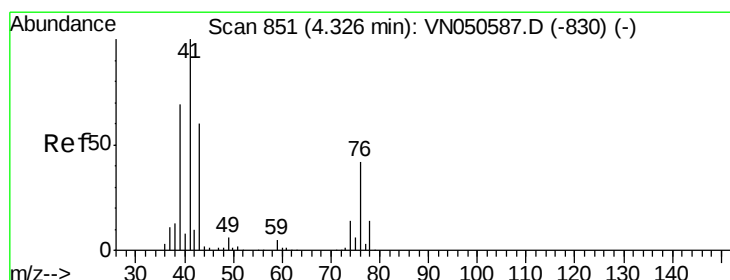
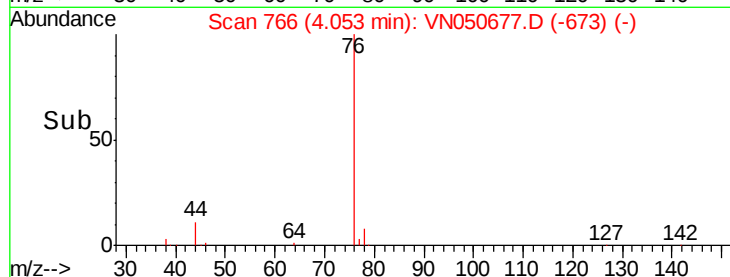
100000

50000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 22.75 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050677.D

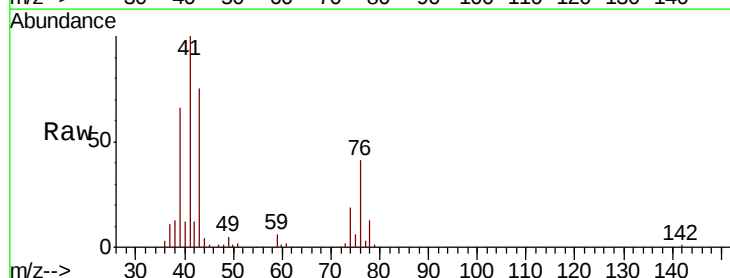
Acq: 16 Aug 2018 1:32

Tgt Ion: 43 Resp: 127661

Ion Ratio Lower Upper

43 100

74 24.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

50000

40000

30000

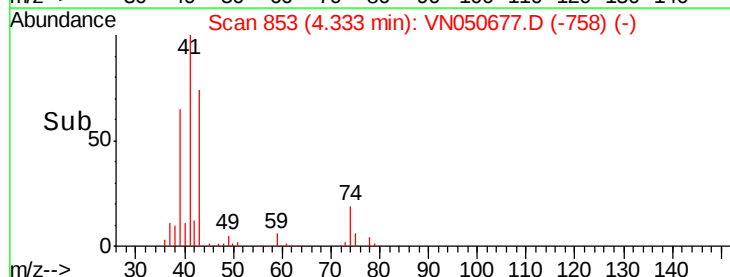
20000

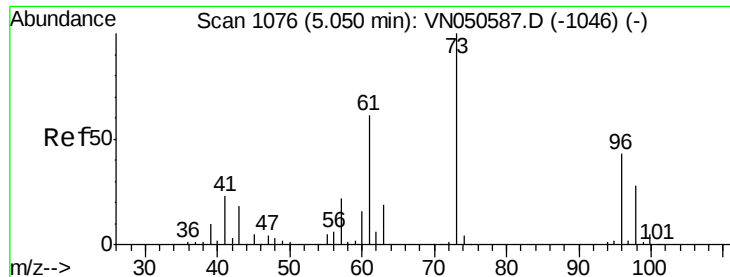
10000

0

Time-->

4.20 4.30 4.40 4.50

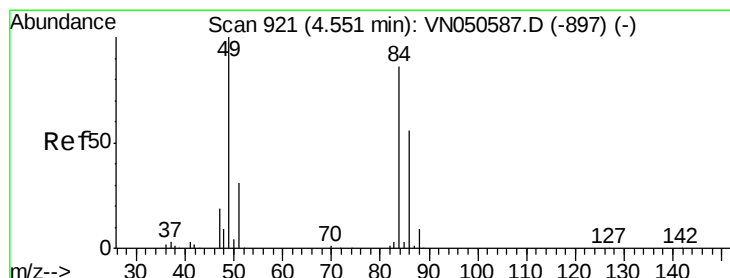
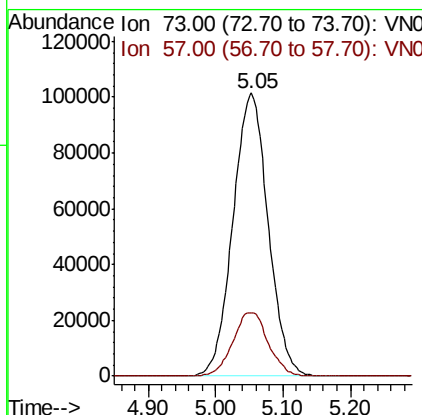
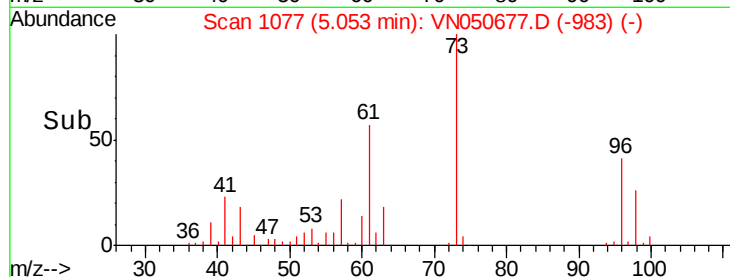
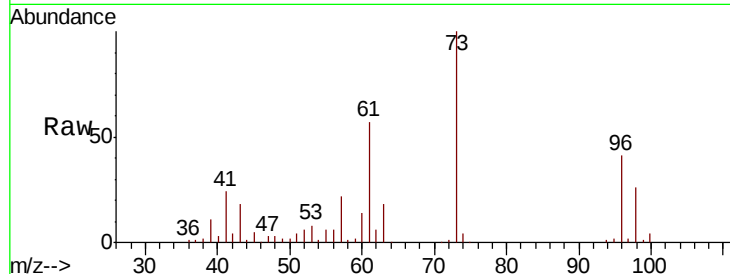




#19
Methyl tert-butyl Ether
Concen: 21.53 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

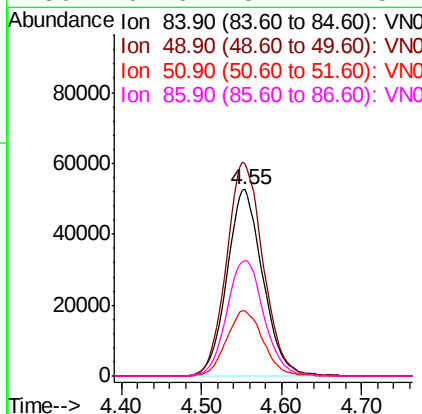
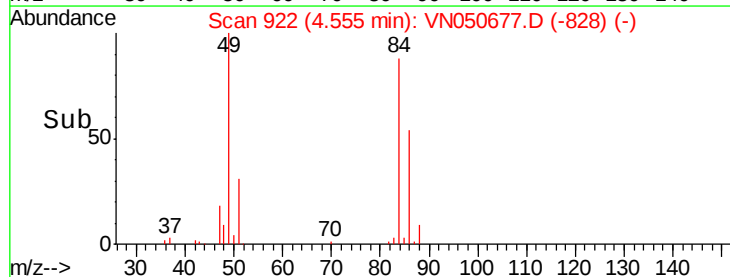
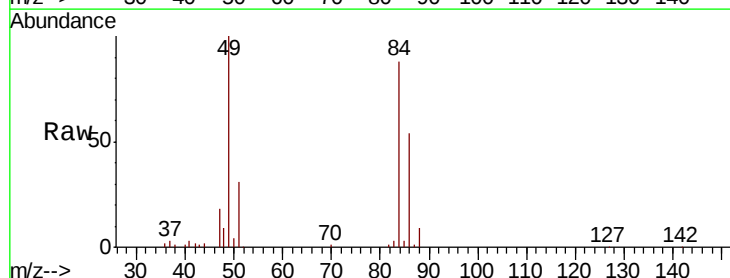
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

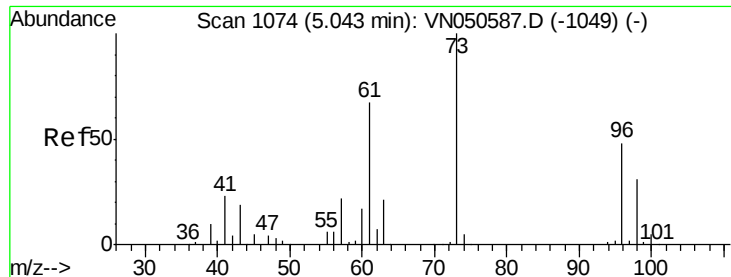
Tot Ion: 73 Resp: 368205
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 20.82 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion: 84 Resp: 159918
Ion Ratio Lower Upper
84 100
49 114.0 92.6 138.8
51 34.9 28.6 43.0
86 61.6 52.2 78.2

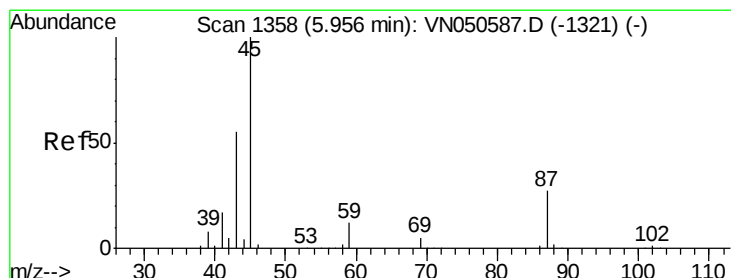
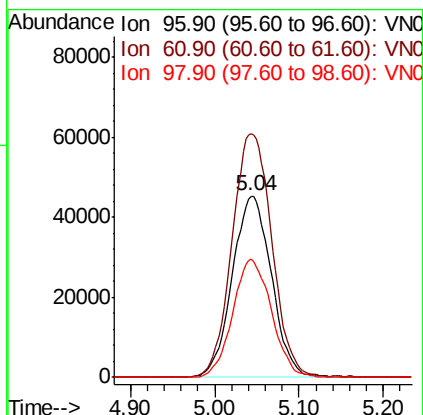
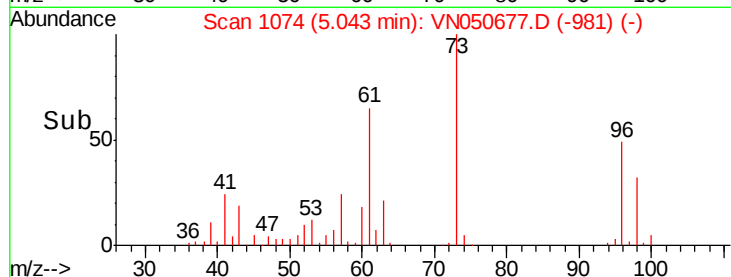
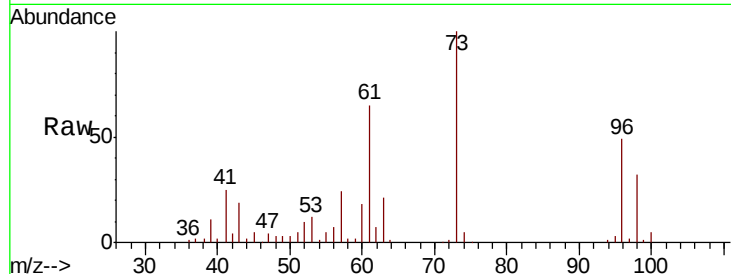




#21
trans-1,2-Dichloroethene
Concen: 20.11 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

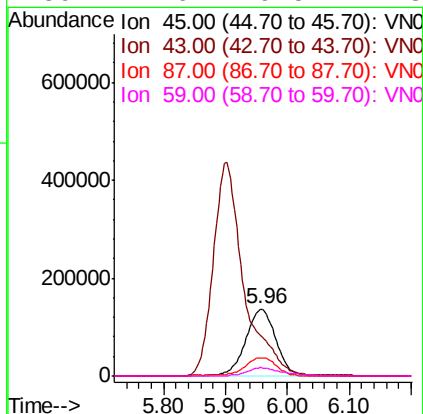
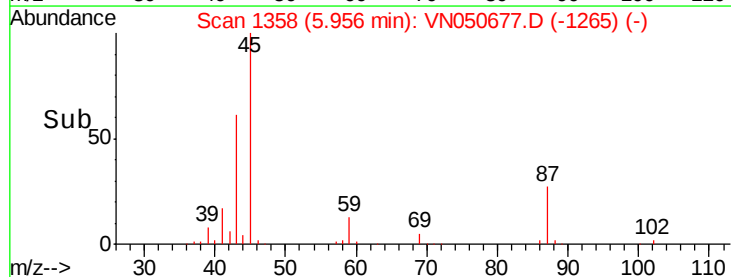
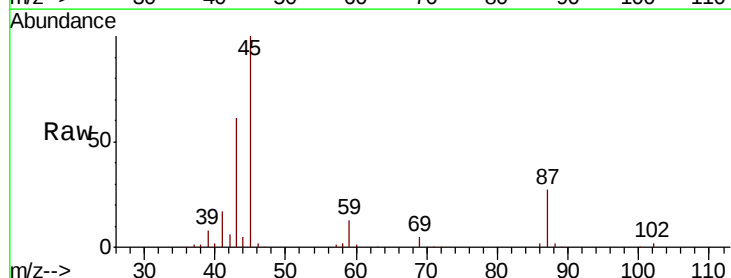
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

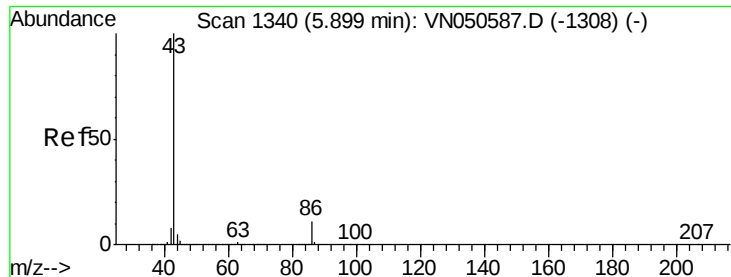
Tot Ion: 96 Resp: 146489
Ion Ratio Lower Upper
96 100
61 134.1 111.2 166.8
98 64.9 51.6 77.4



#22
Diisopropyl ether
Concen: 21.59 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion: 45 Resp: 462643
Ion Ratio Lower Upper
45 100
43 59.3 44.5 66.7
87 27.3 22.2 33.2
59 12.6 9.5 14.3





#23

Vinyl Acetate

Concen: 107.17 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

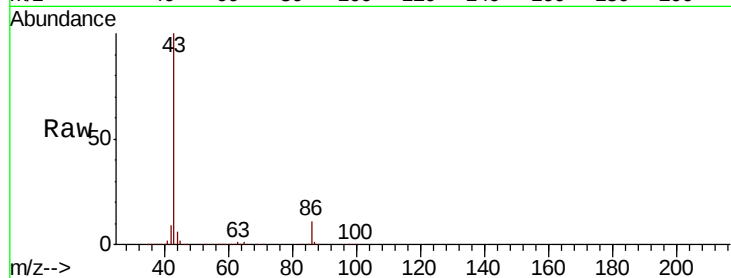
VN0815WBSD03

Tot Ion: 43 Resp: 1502006

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-1308) (-)

Ion 86.00 (85.70 to 86.70): VN050587.D (-1308) (-)

5.90

400000

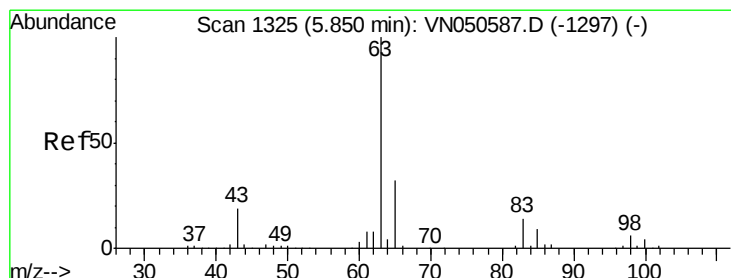
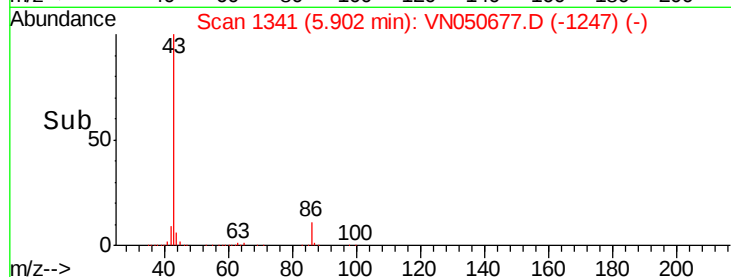
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.10 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

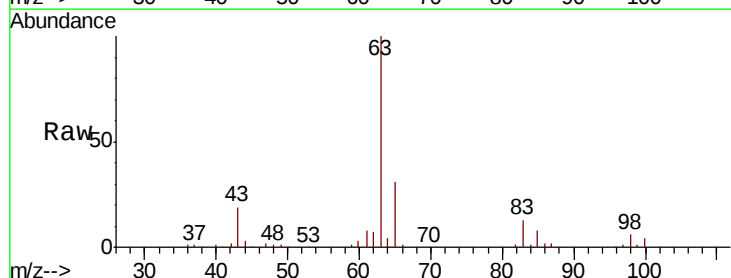
Tgt Ion: 63 Resp: 278627

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN050587.D (-1297) (-)

Ion 97.90 (97.60 to 98.60): VN050587.D (-1297) (-)

Ion 99.90 (99.60 to 100.60): VN050587.D (-1297) (-)

5.85

120000

100000

80000

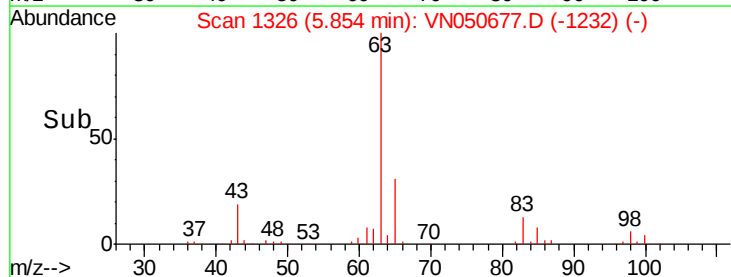
60000

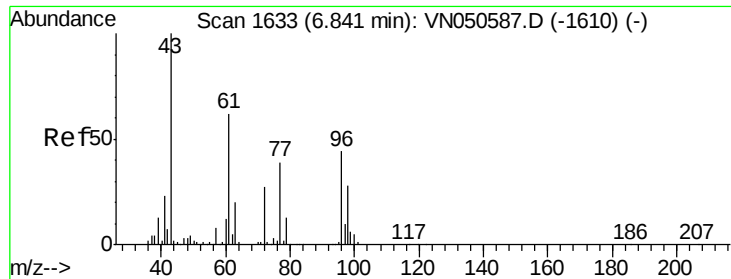
40000

20000

0

Time-->





#25

2-Butanone

Concen: 108.84 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

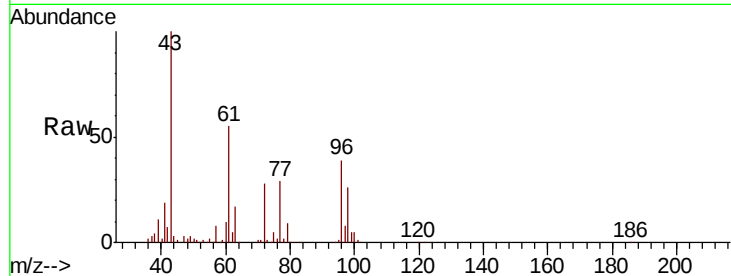
VN0815WBSD03

Tot Ion: 43 Resp: 348293

Ion Ratio Lower Upper

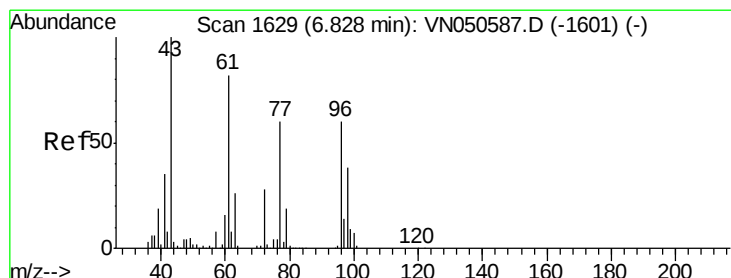
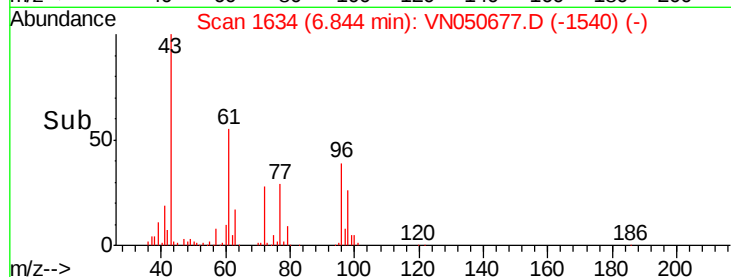
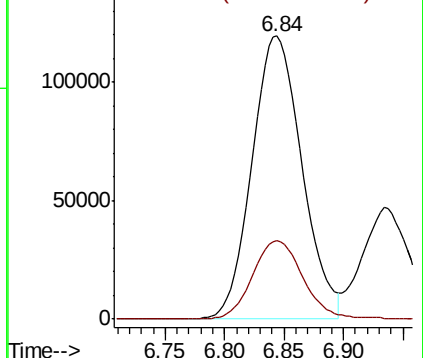
43 100

72 27.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 15.90 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN050677.D

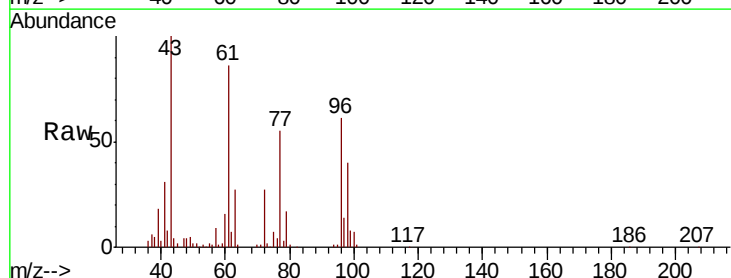
Acq: 16 Aug 2018 1:32

Tgt Ion: 77 Resp: 147567

Ion Ratio Lower Upper

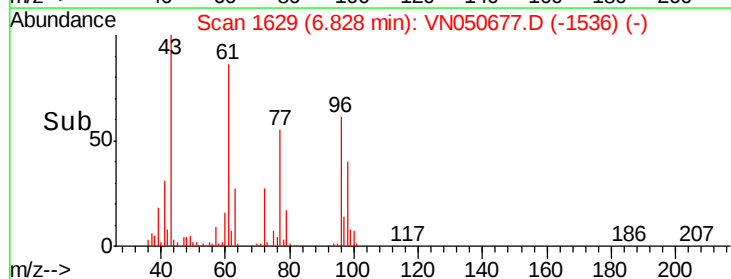
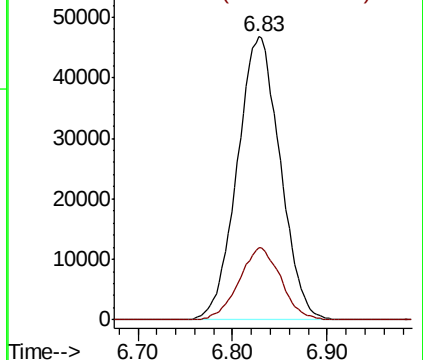
77 100

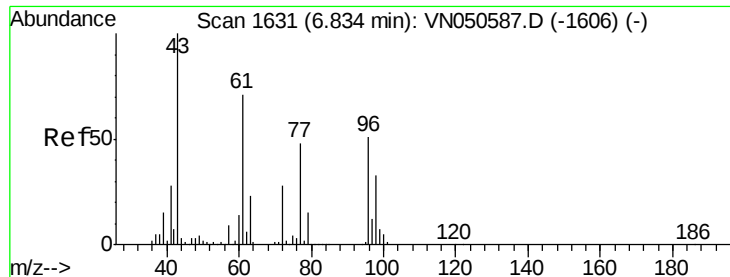
97 24.8 12.2 36.4



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 19.74 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.00 min

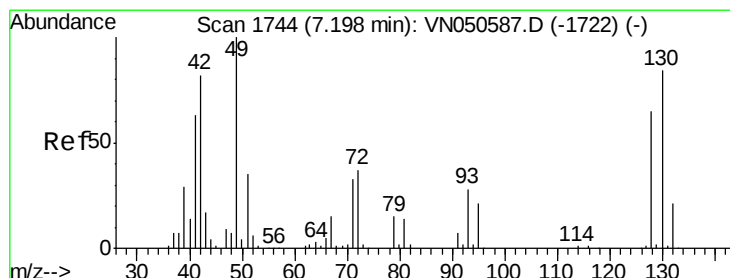
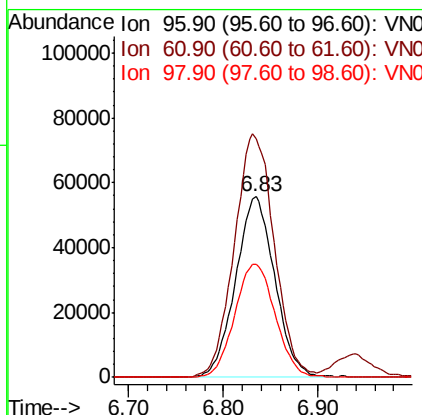
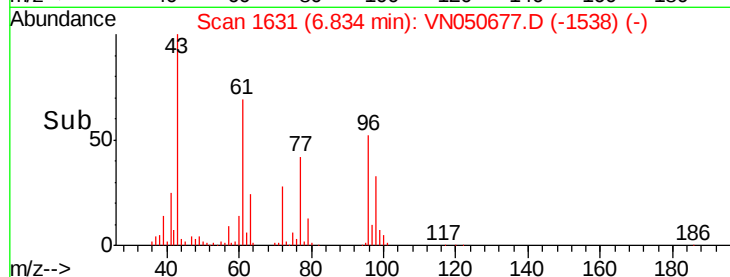
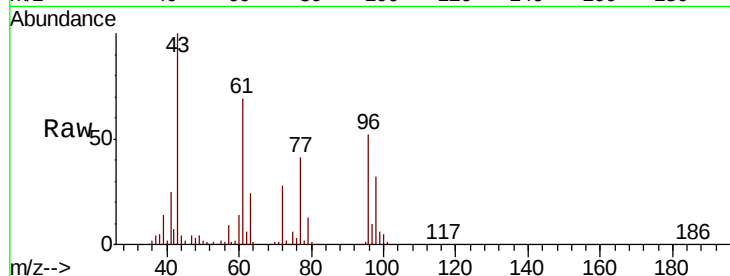
Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

Tot Ion: 96 Resp: 160127

Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	278.2
98	65.1	0.0	128.8



#28

Bromochloromethane

Concen: 20.91 ug/l

RT: 7.20 min Scan# 1745

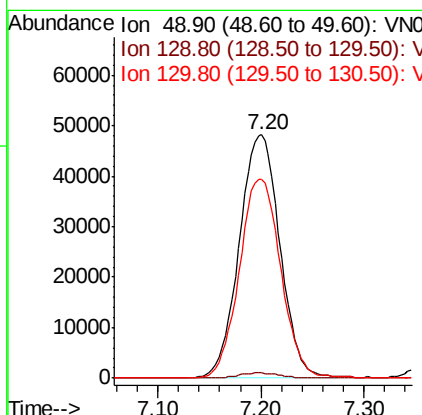
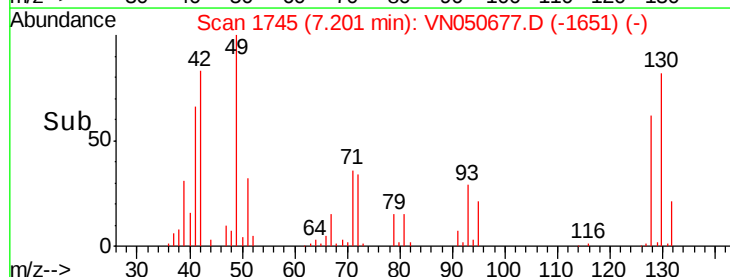
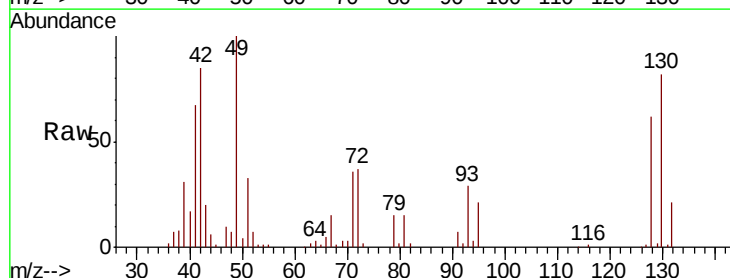
Delta R.T. 0.00 min

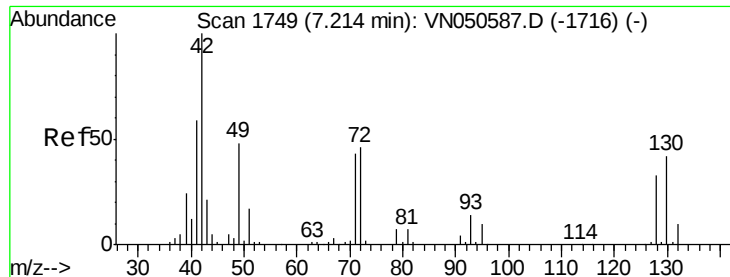
Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Tgt Ion: 49 Resp: 131915

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.4	66.8	100.2





#29

Tetrahydrofuran

Concen: 115.19 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

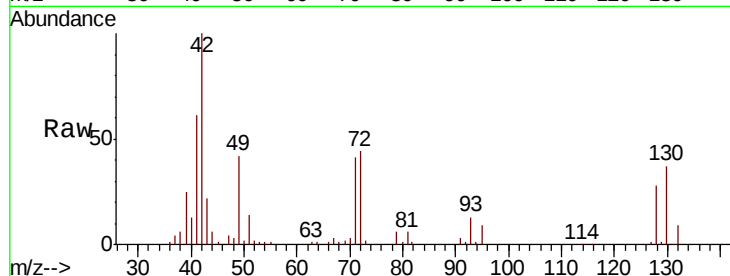
Tot Ion: 42 Resp: 192467

Ion Ratio Lower Upper

42 100

72 43.8 35.8 53.6

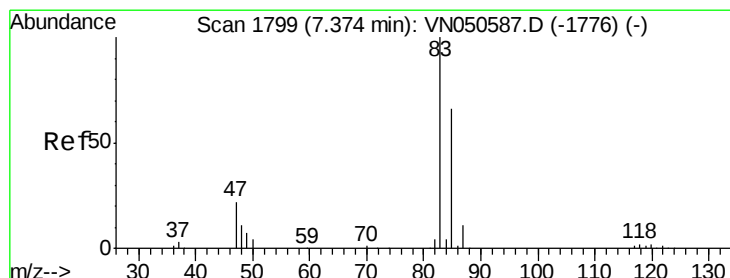
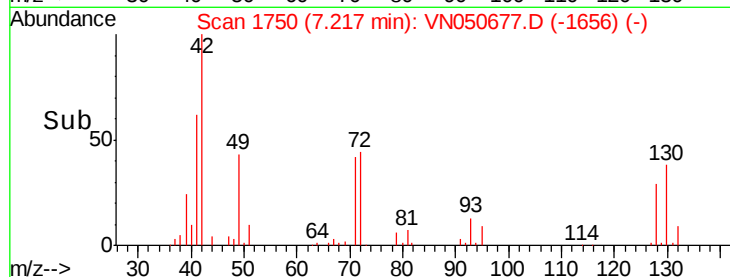
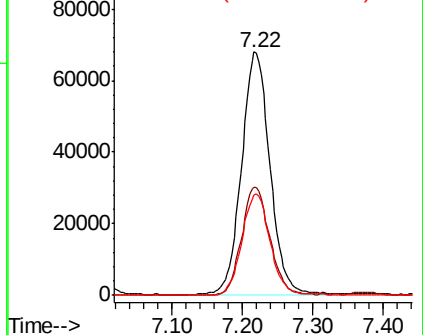
71 40.9 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.97 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050677.D

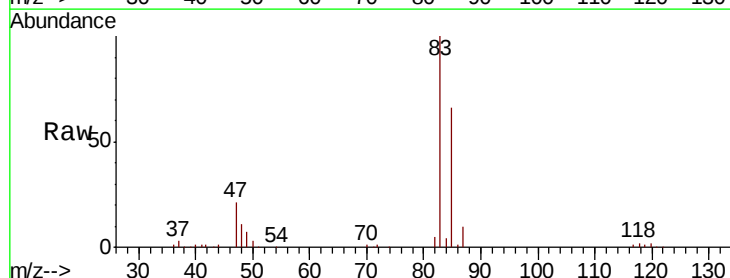
Acq: 16 Aug 2018 1:32

Tgt Ion: 83 Resp: 280628

Ion Ratio Lower Upper

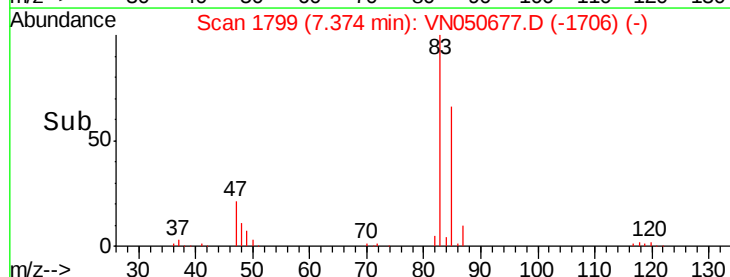
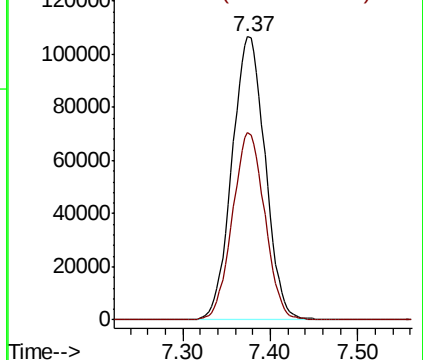
83 100

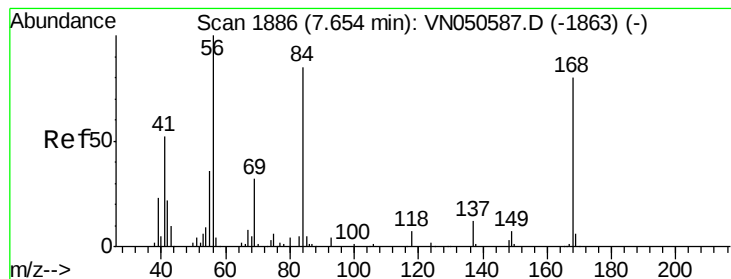
85 66.1 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.65 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

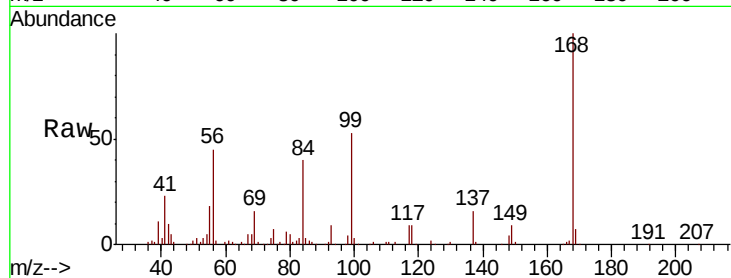
Tot Ion: 56 Resp: 234967

Ion Ratio Lower Upper

56 100

69 35.2 25.8 38.6

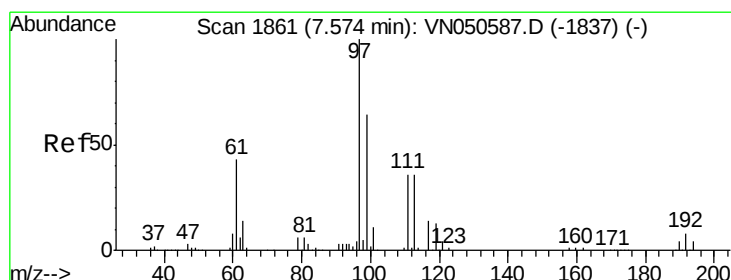
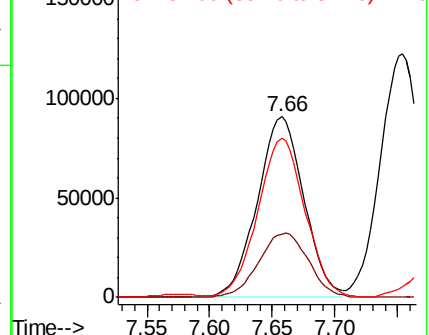
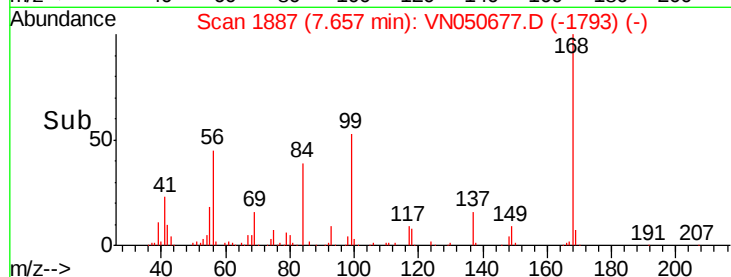
84 86.7 67.8 101.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.18 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

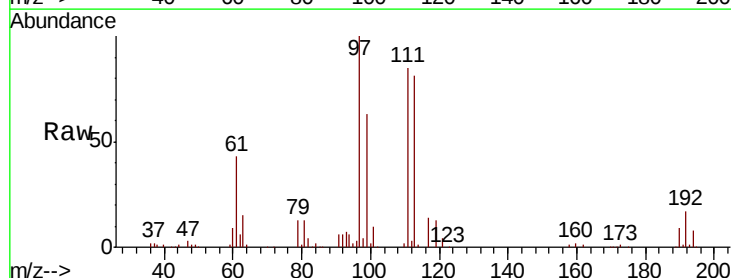
Tgt Ion: 97 Resp: 238676

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

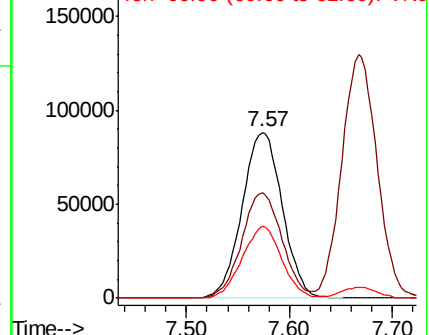
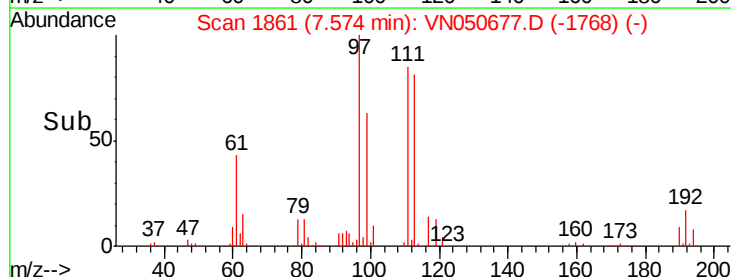
61 42.5 34.8 52.2

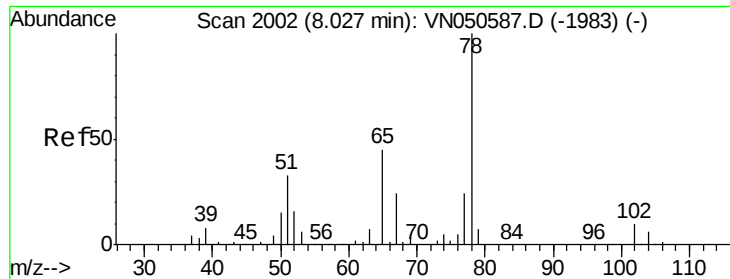


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

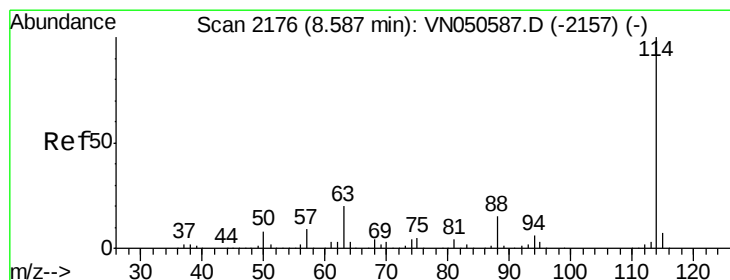
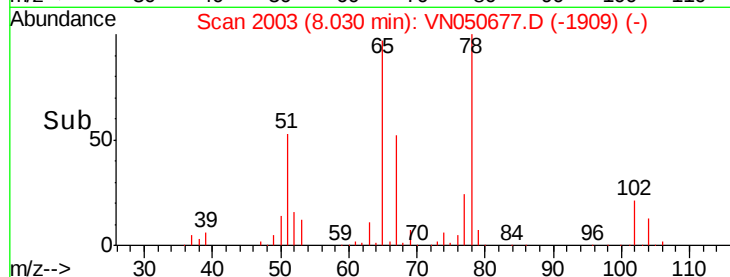
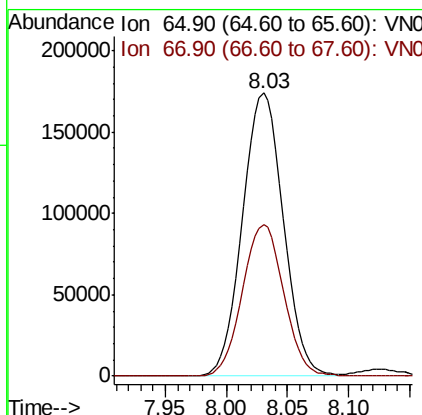
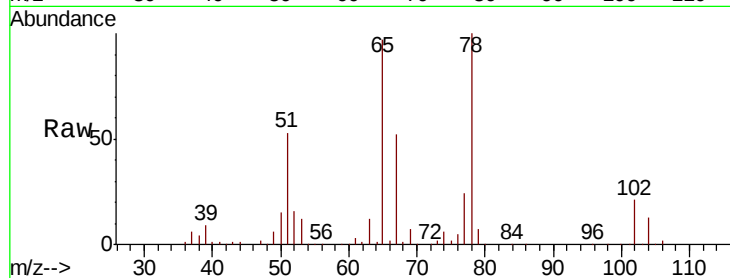




#33
 1,2-Dichloroethane-d4
 Concen: 51.77 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

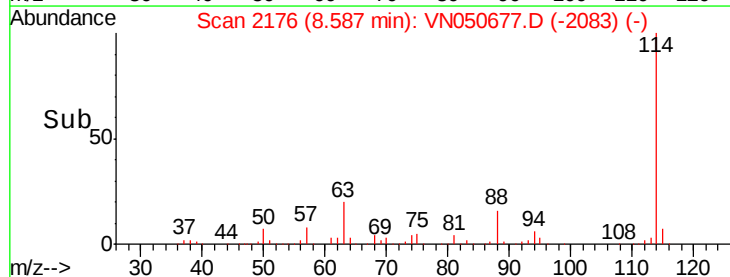
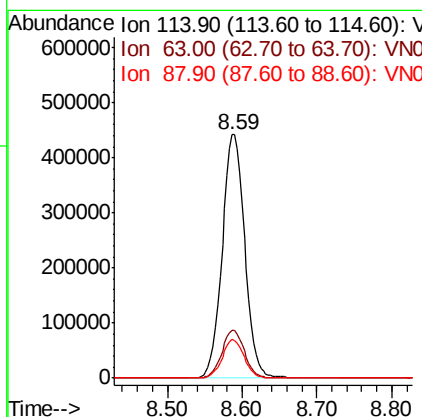
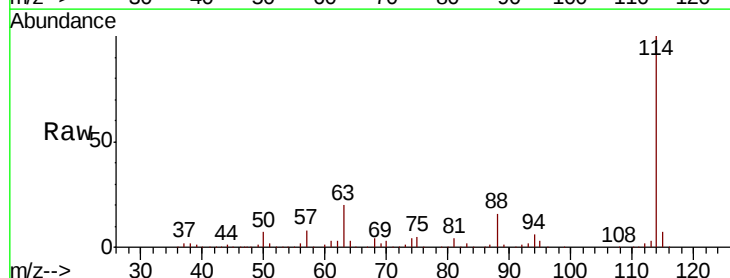
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD03

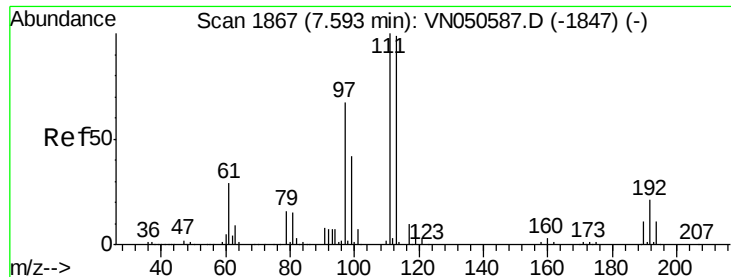
Tot Ion: 65 Resp: 404045
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

Tgt Ion: 114 Resp: 920579
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.7 0.0 30.8

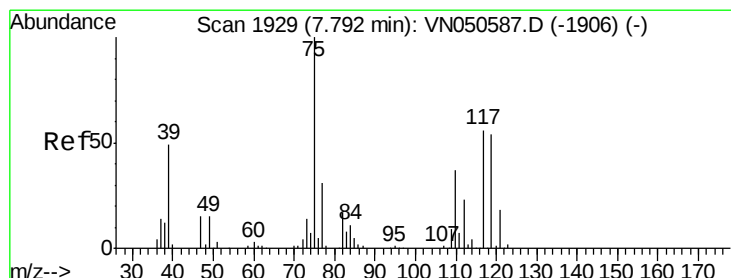
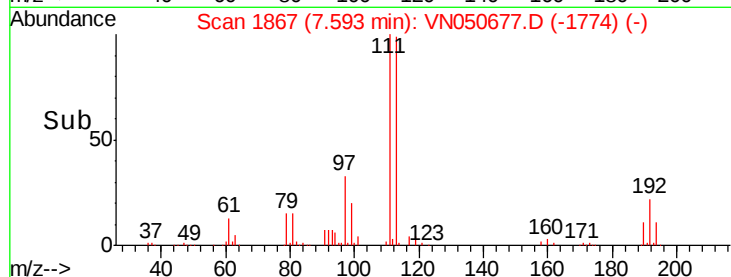
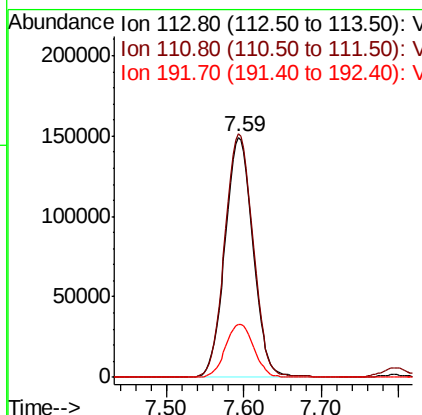
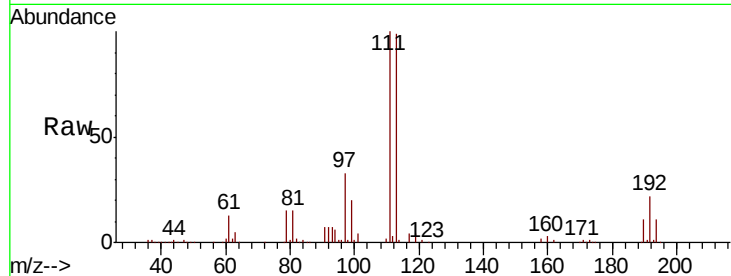




#35
Dibromofluoromethane
Concen: 50.82 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

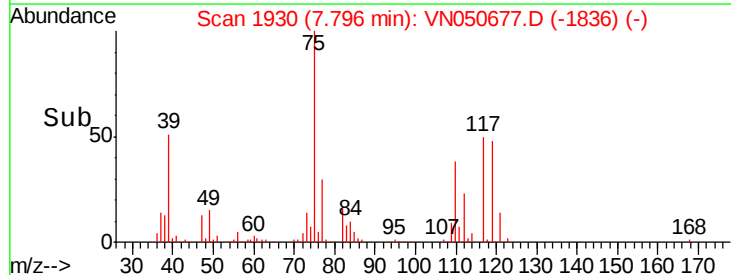
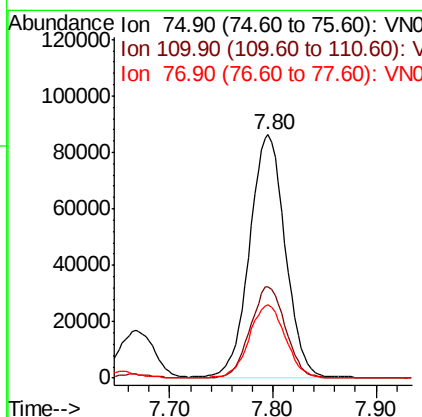
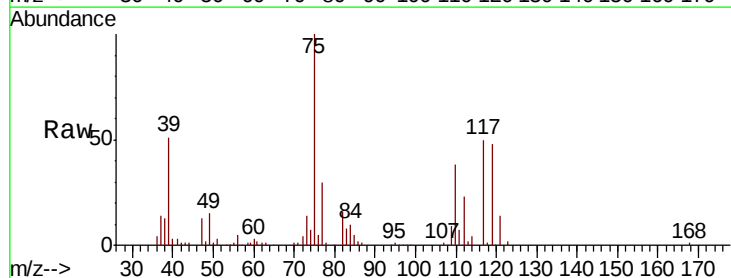
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

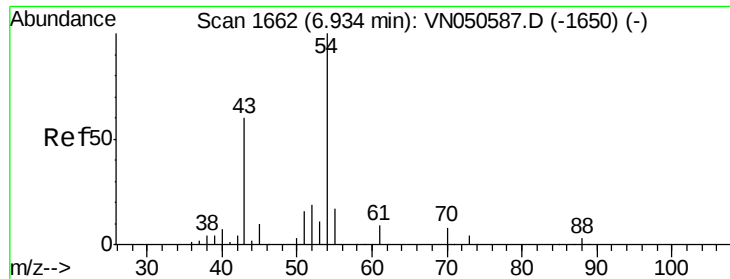
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.6
192	22.5	17.6	26.4



#36
1,1-Dichloropropene
Concen: 20.07 ug/l
RT: 7.80 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.3	54.9
77	30.8	25.0	37.4

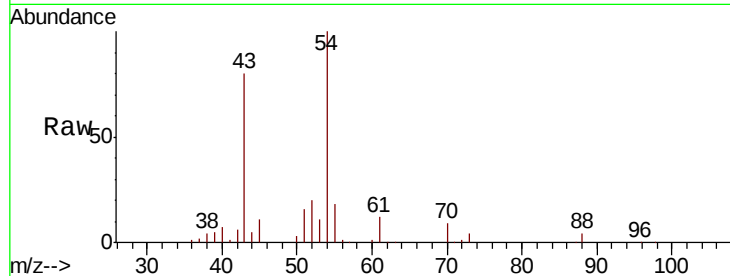




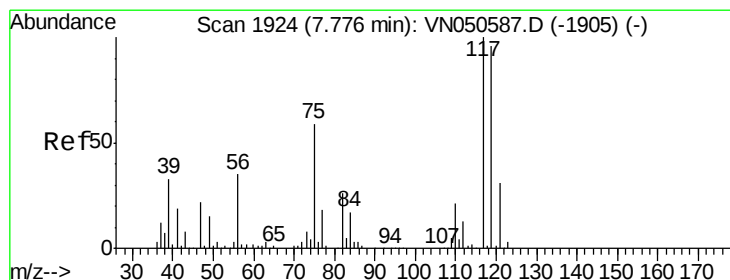
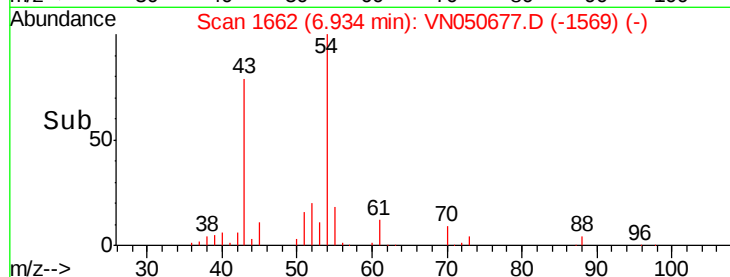
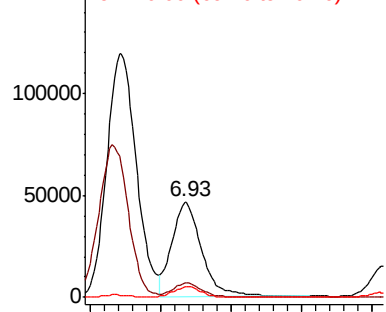
#37
Ethyl Acetate
Concen: 23.72 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

Tot Ion: 43 Resp: 137374
Ion Ratio Lower Upper
43 100
61 15.2 12.0 18.0
70 10.5 8.5 12.7

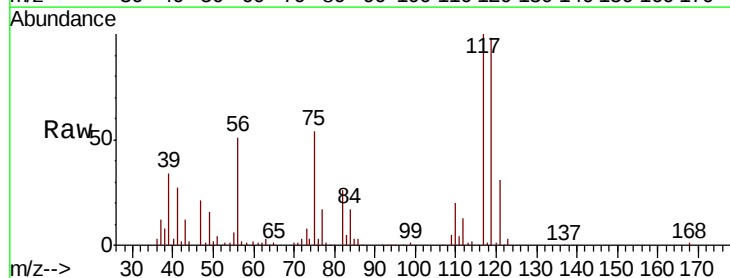


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

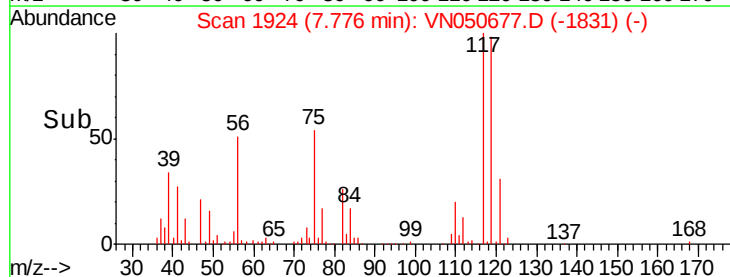
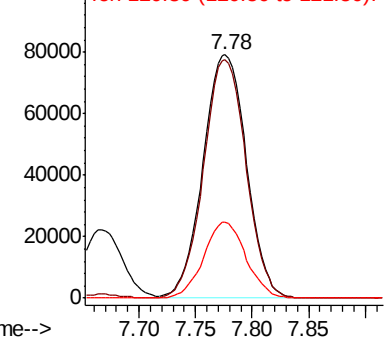


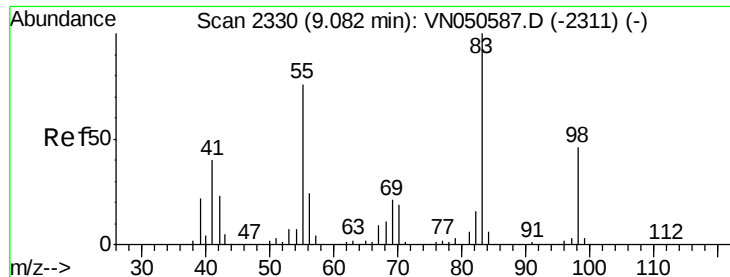
#38
Carbon Tetrachloride
Concen: 19.88 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion: 117 Resp: 211390
Ion Ratio Lower Upper
117 100
119 97.8 76.6 115.0
121 31.4 25.0 37.6



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

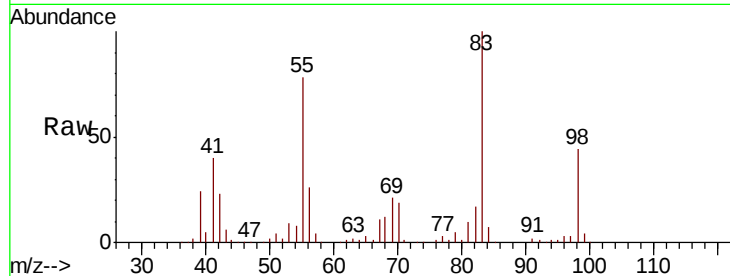




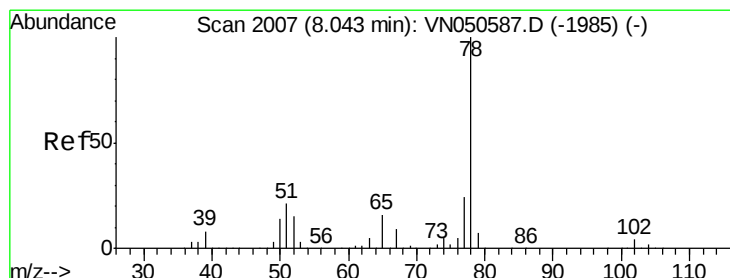
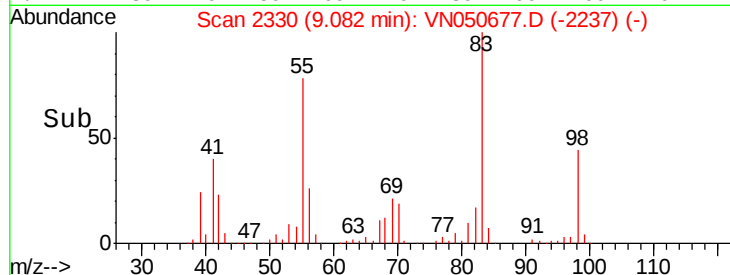
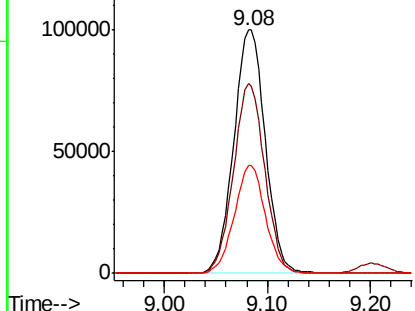
#39
Methvlcvclohexane
Concen: 20.01 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

Tot Ion: 83 Resp: 212273
Ion Ratio Lower Upper
83 100
55 78.1 60.6 91.0
98 44.2 37.0 55.4

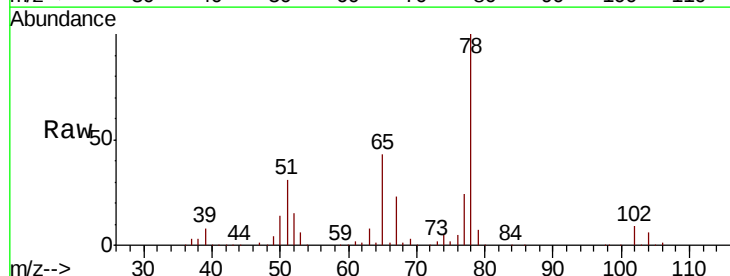


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

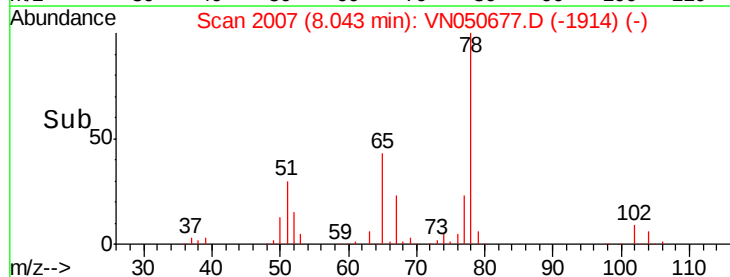
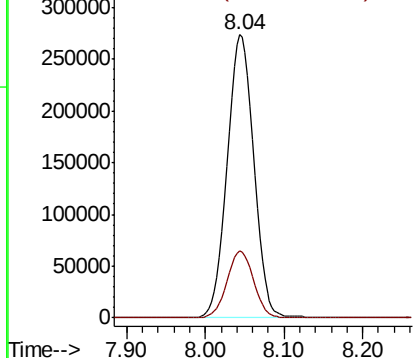


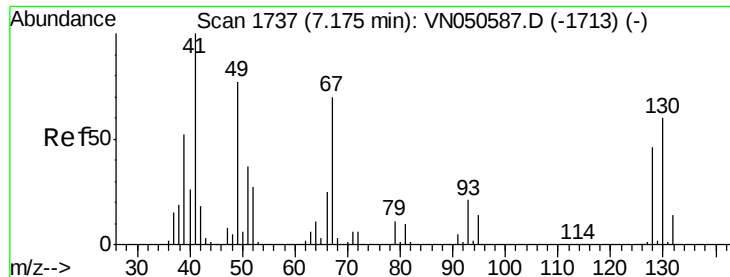
#40
Benzene
Concen: 20.53 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion: 78 Resp: 640066
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



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

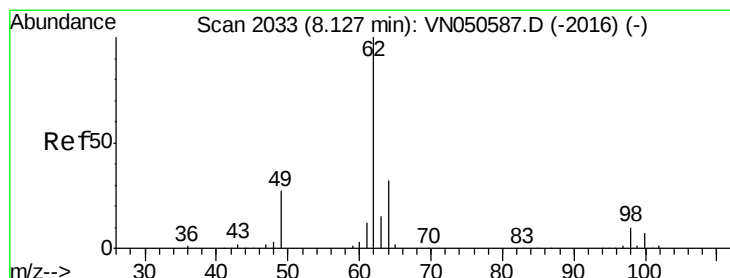
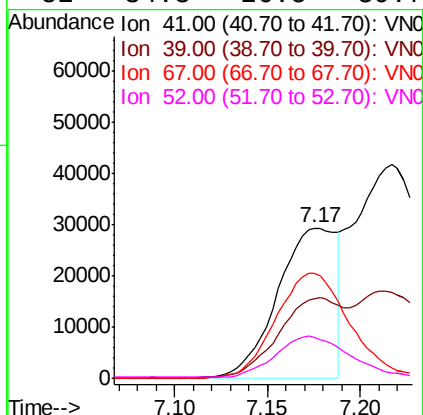
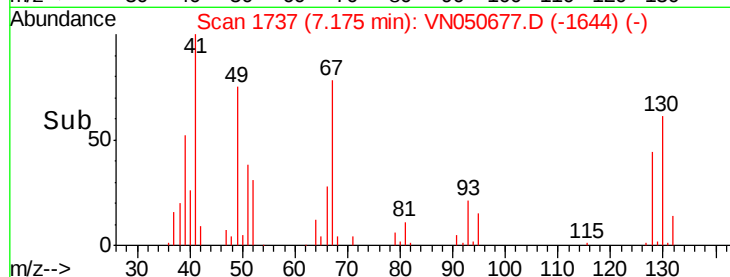
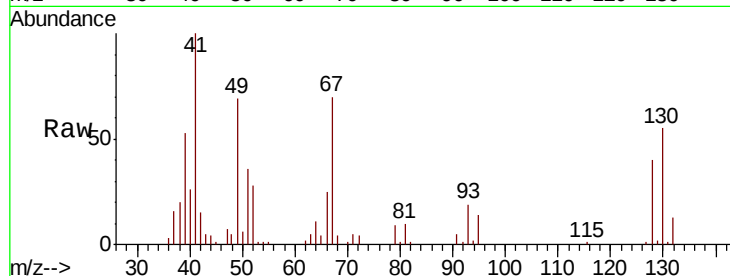




#41
Methacrylonitrile
Concen: 20.83 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

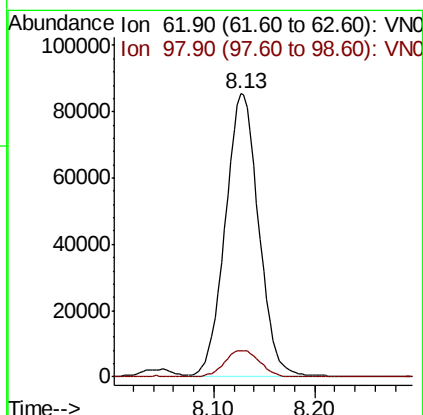
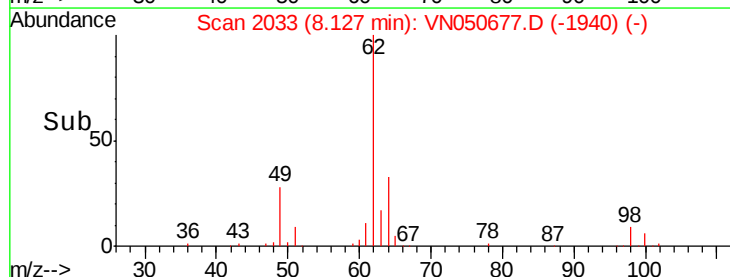
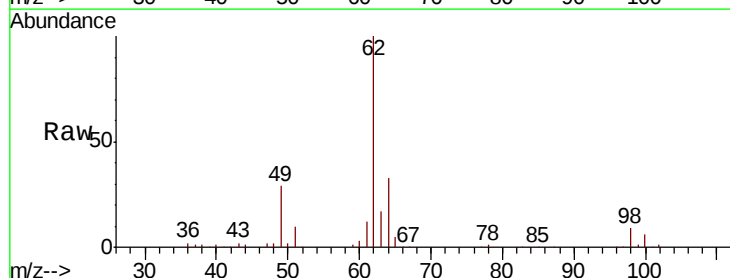
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

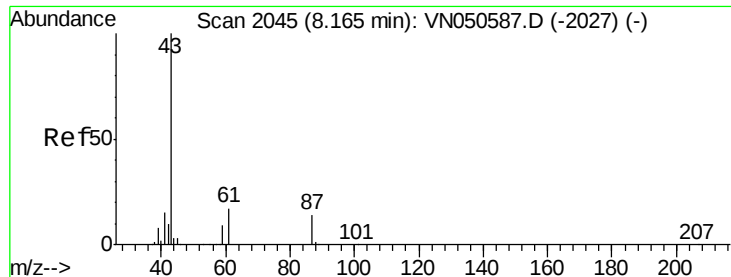
Tot Ion: 41 Resp: 65233
Ion Ratio Lower Upper
41 100
39 56.6 44.6 66.8
67 87.1 66.7 100.1
52 34.3 26.5 39.7



#42
1,2-Dichloroethane
Concen: 20.45 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion: 62 Resp: 195381
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 20.94 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

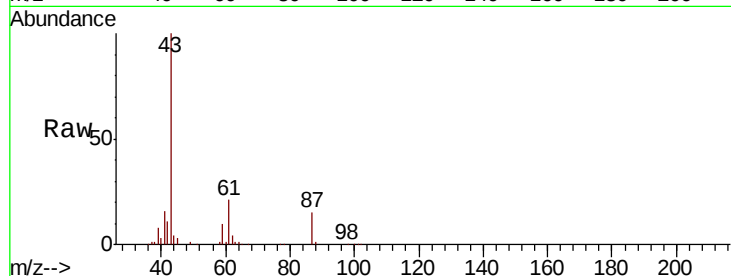
Tot Ion: 43 Resp: 221023

Ion Ratio Lower Upper

43 100

61 21.0 16.2 24.2

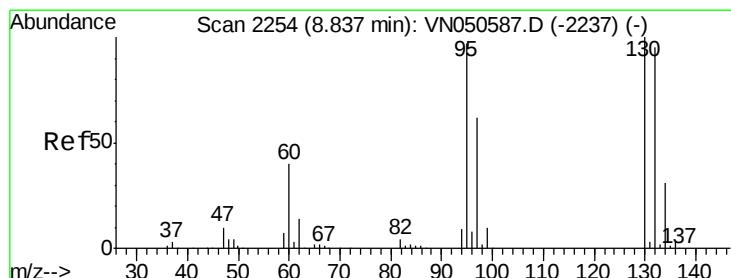
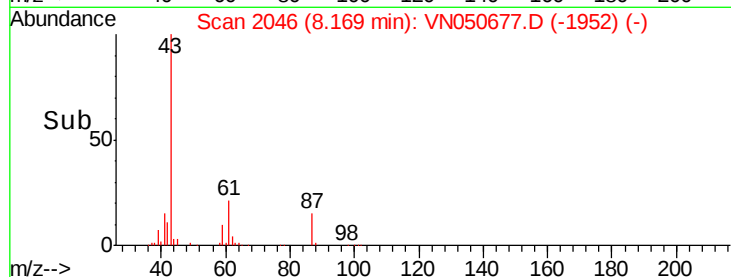
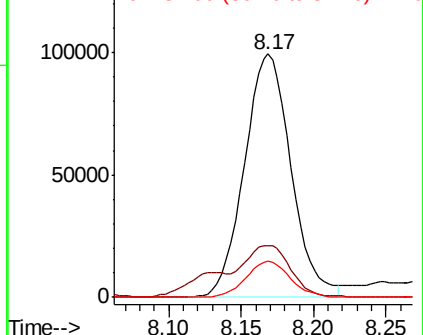
87 14.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#44

Trichloroethene

Concen: 19.70 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050677.D

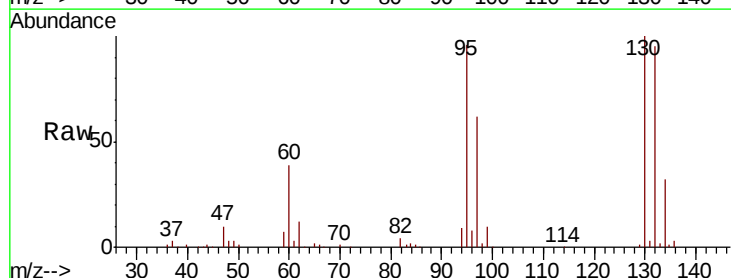
Acq: 16 Aug 2018 1:32

Tgt Ion:130 Resp: 164552

Ion Ratio Lower Upper

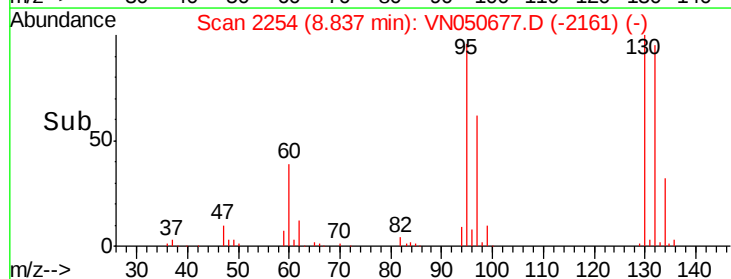
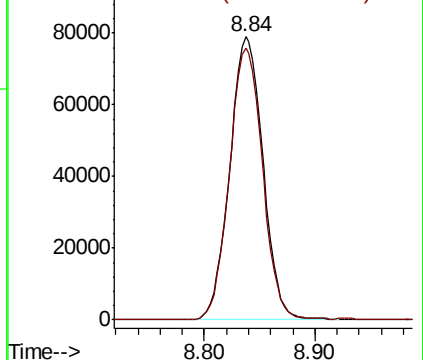
130 100

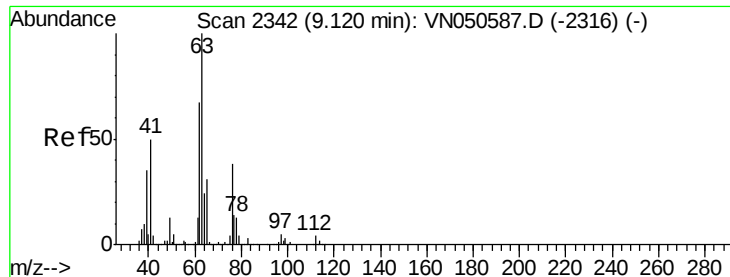
95 96.2 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

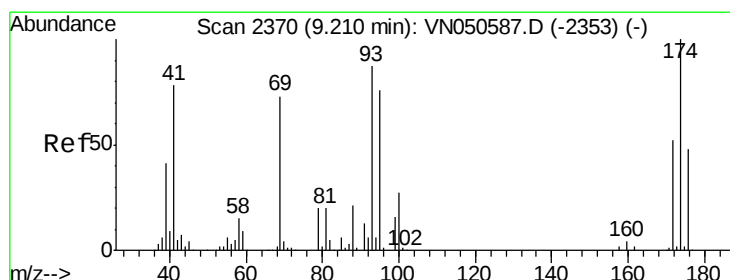
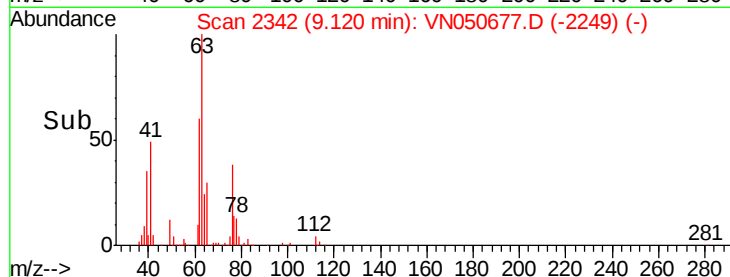
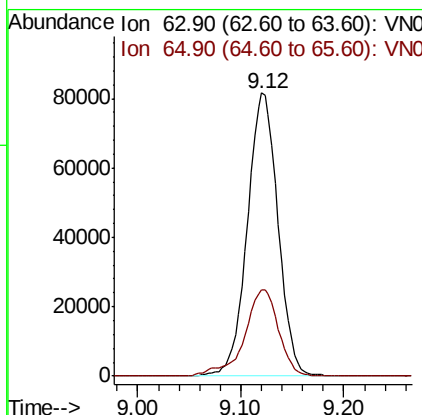
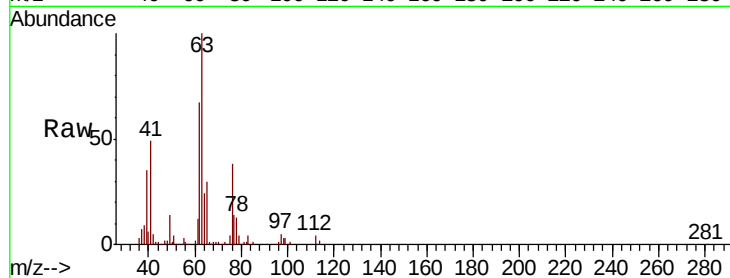




#45
 1,2-Dichloropropane
 Concen: 20.24 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

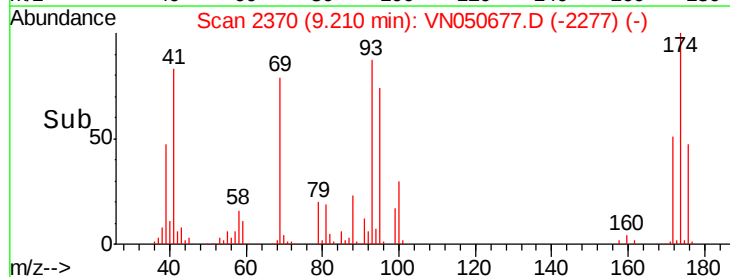
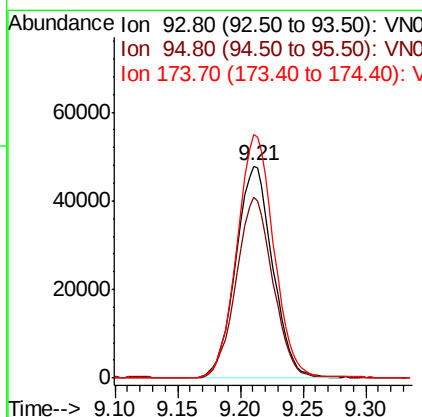
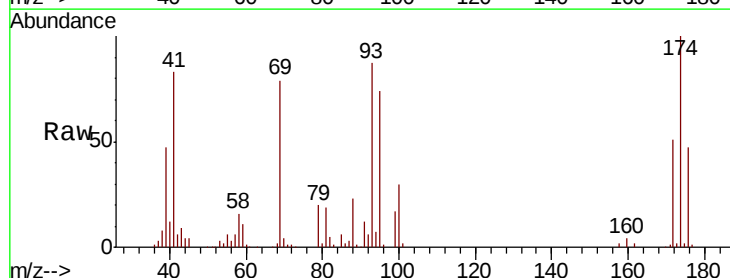
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD03

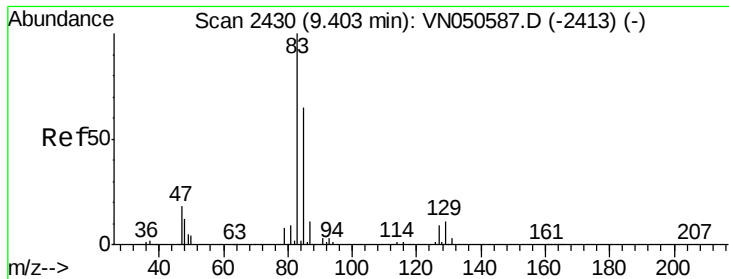
Tot Ion: 63 Resp: 168018
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.5 36.7



#46
 Dibromomethane
 Concen: 19.97 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

Tgt Ion: 93 Resp: 97853
 Ion Ratio Lower Upper
 93 100
 95 84.6 69.1 103.7
 174 114.9 91.0 136.6





#47

Bromodichloromethane

Concen: 19.99 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

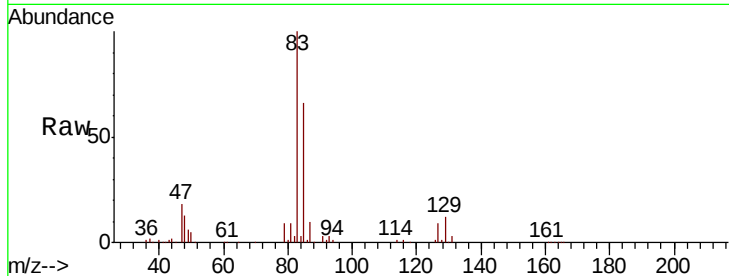
Tot Ion: 83 Resp: 209407

Ion Ratio Lower Upper

83 100

85 65.9 51.8 77.6

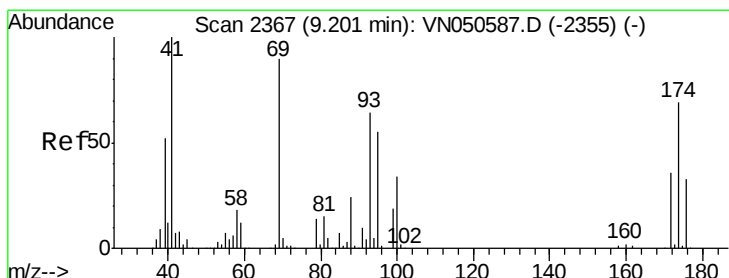
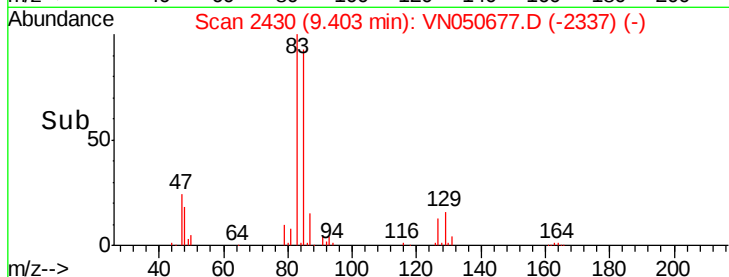
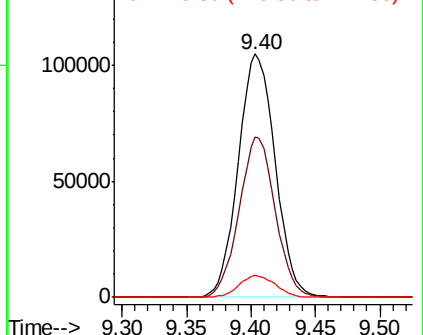
127 8.9 7.2 10.8



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): V



#48

Methyl methacrylate

Concen: 19.82 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

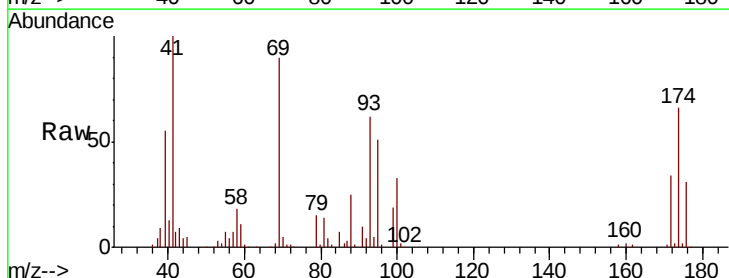
Tgt Ion: 41 Resp: 105269

Ion Ratio Lower Upper

41 100

69 95.2 73.4 110.0

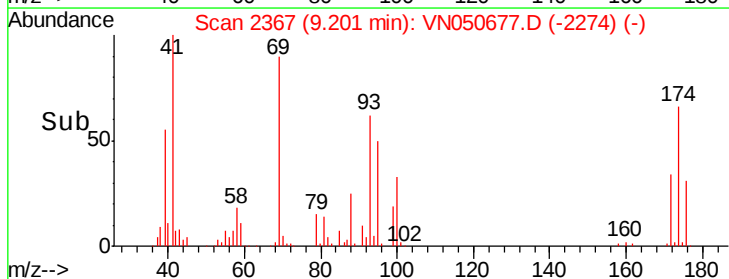
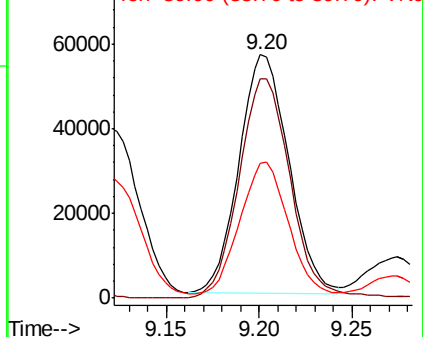
39 56.8 43.0 64.6

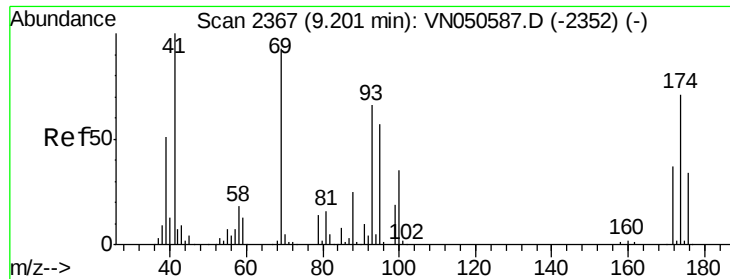


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 435.39 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

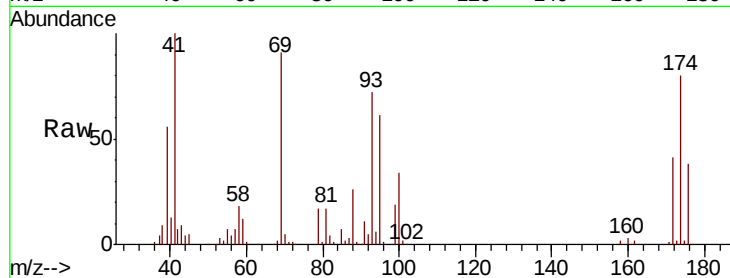
Tot Ion: 88 Resp: 30467

Ion Ratio Lower Upper

88 100

43 30.9 25.9 38.9

58 69.7 56.5 84.7

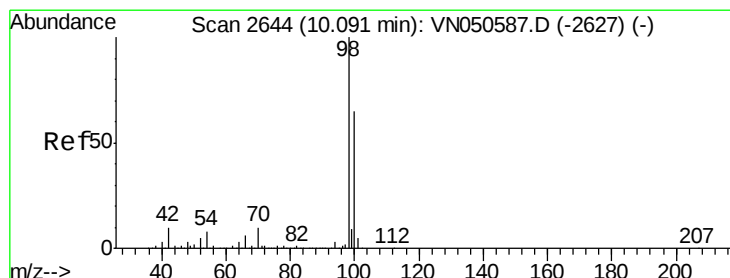
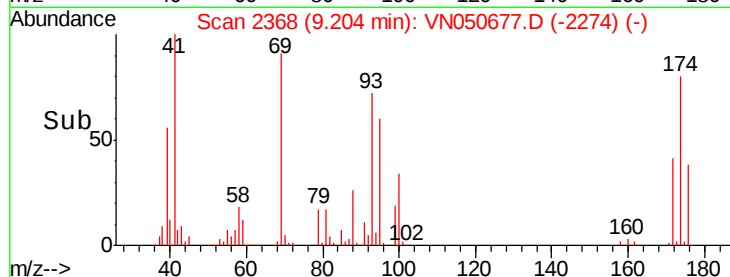
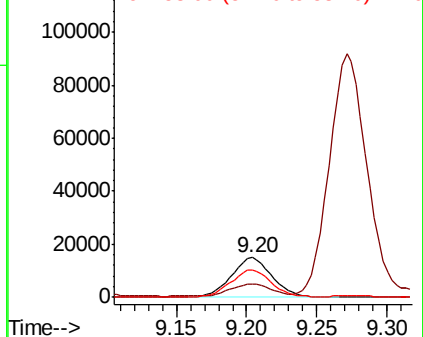


Abundance

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: 50.03 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050677.D

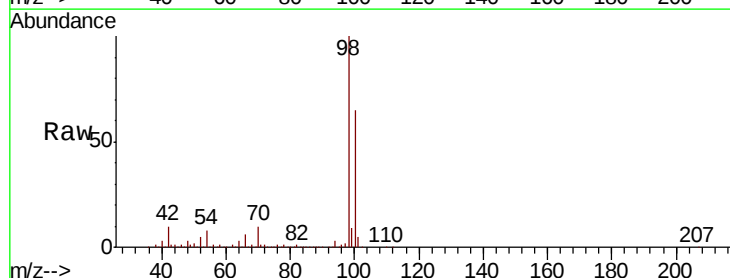
Acq: 16 Aug 2018 1:32

Tgt Ion: 98 Resp: 1383873

Ion Ratio Lower Upper

98 100

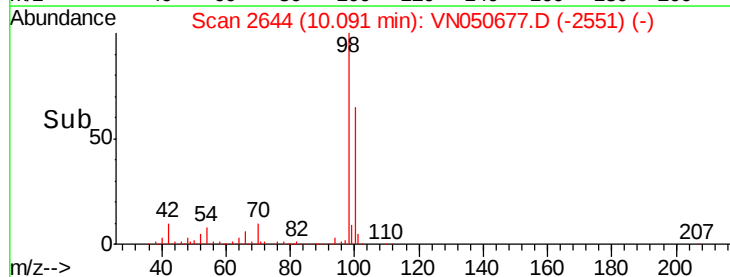
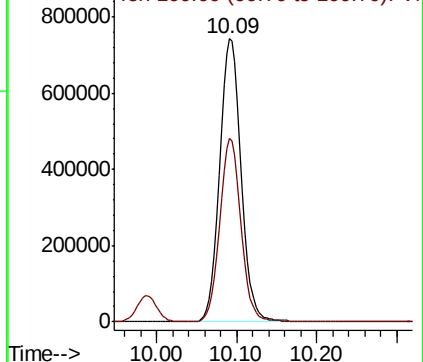
100 64.0 51.8 77.8

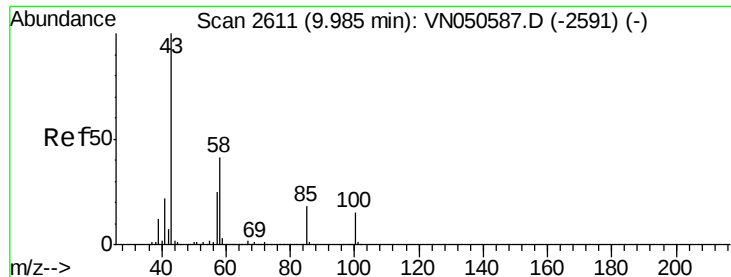


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

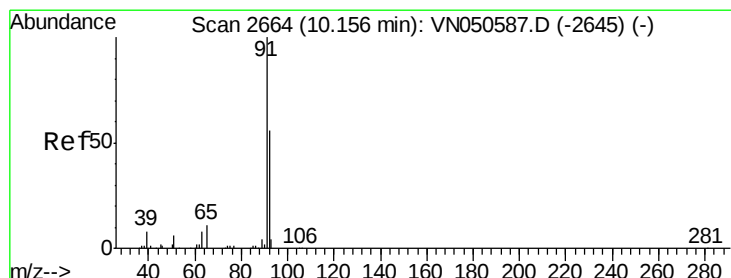
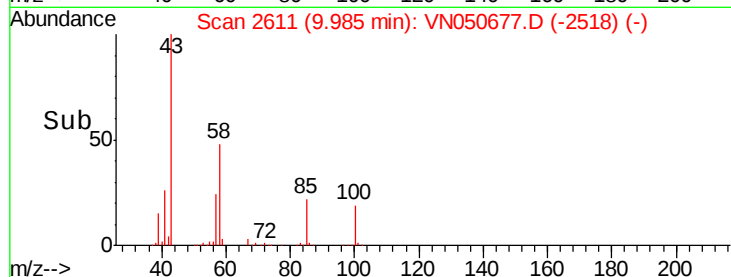
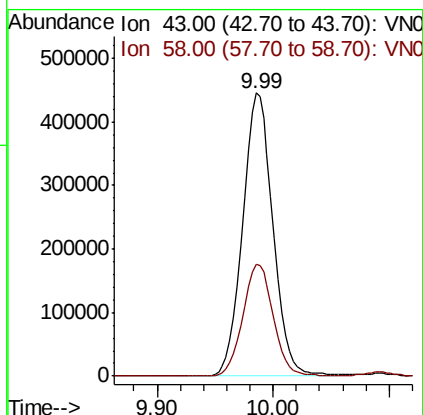
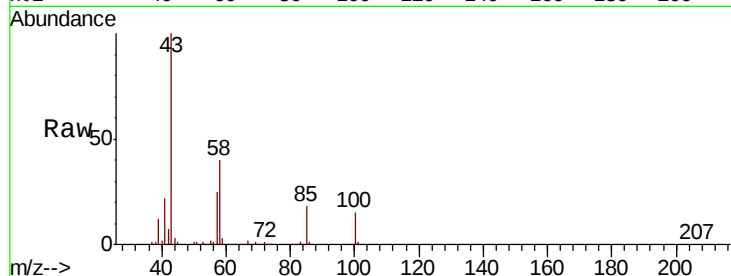




#51
 4-Methyl-2-Pentanone
 Concen: 113.05 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

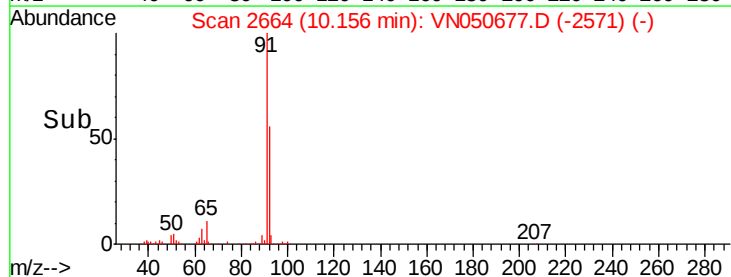
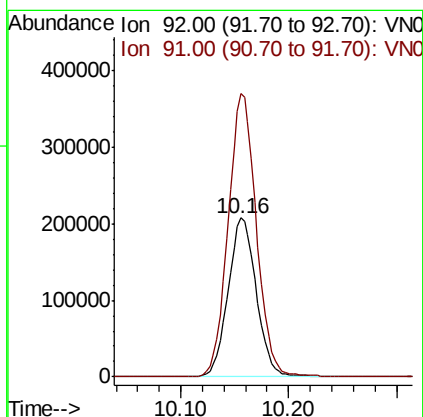
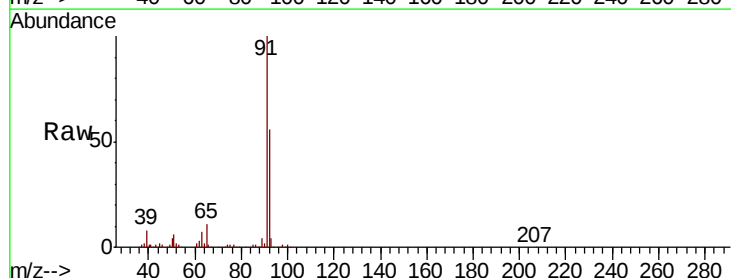
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD03

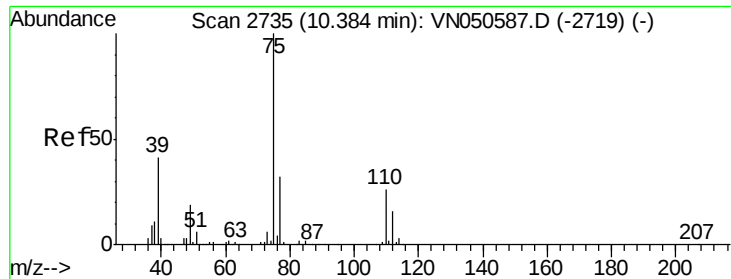
Tot Ion: 43 Resp: 807124
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.5 48.7



#52
 Toluene
 Concen: 20.37 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

Tgt Ion: 92 Resp: 379190
 Ion Ratio Lower Upper
 92 100
 91 178.3 141.9 212.9





#53

t-1,3-Dichloropropene

Concen: 19.39 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

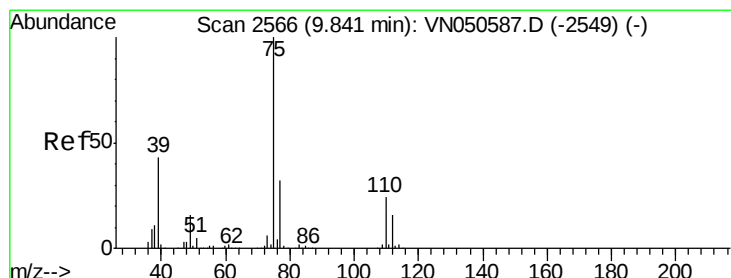
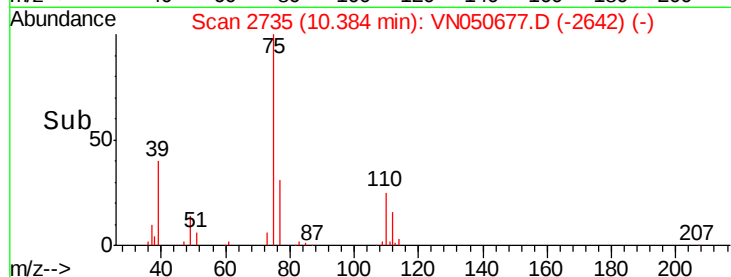
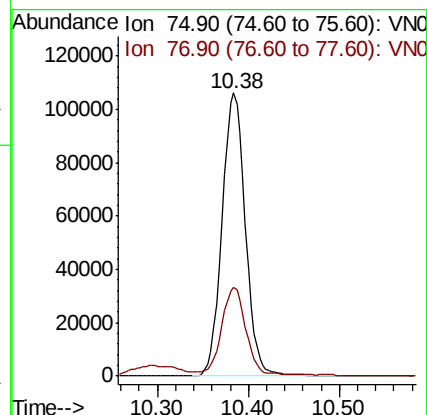
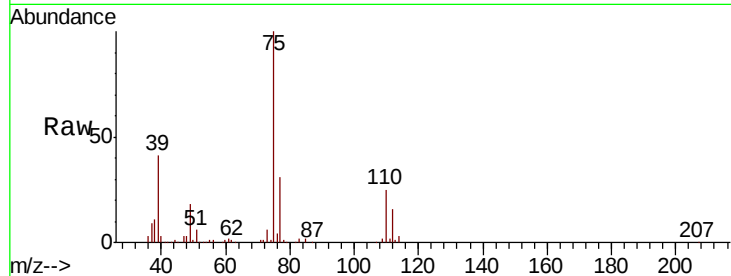
VN0815WBSD03

Tot Ion: 75 Resp: 189136

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 19.91 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

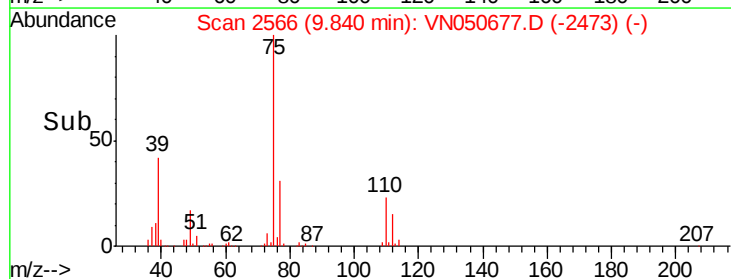
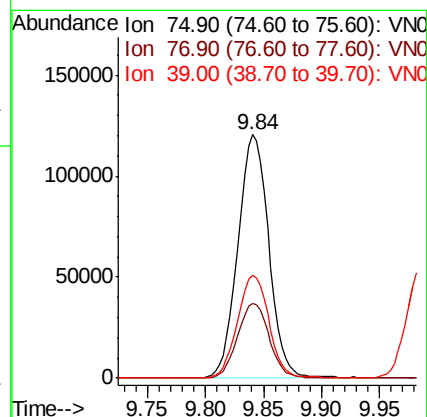
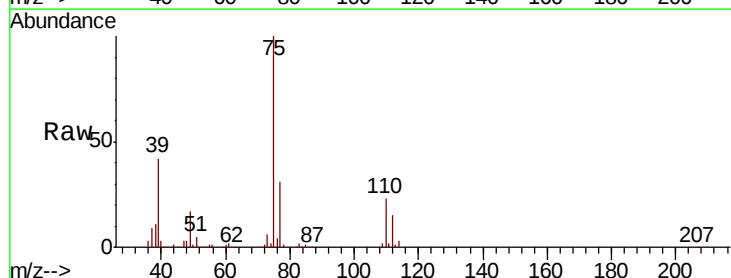
Tgt Ion: 75 Resp: 222867

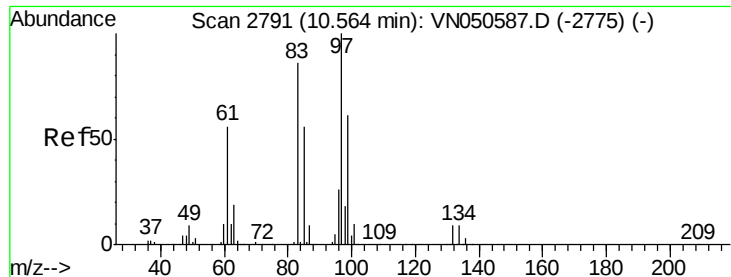
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 42.2 34.4 51.6

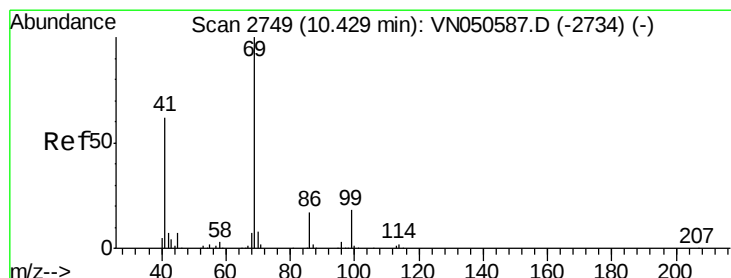
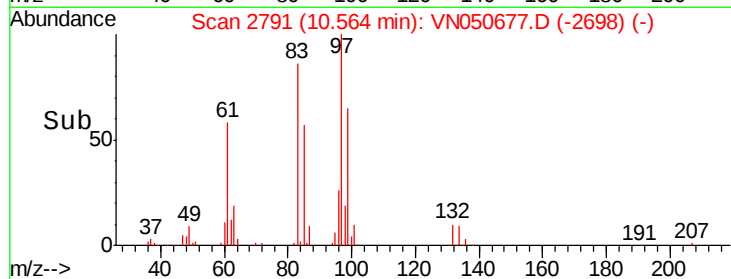
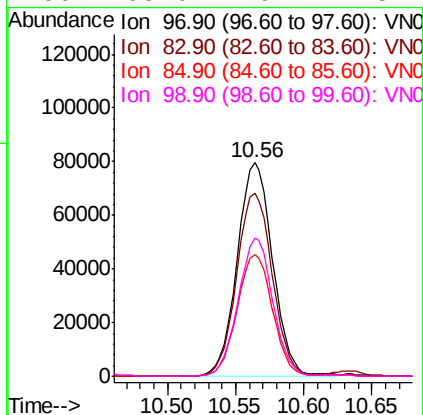
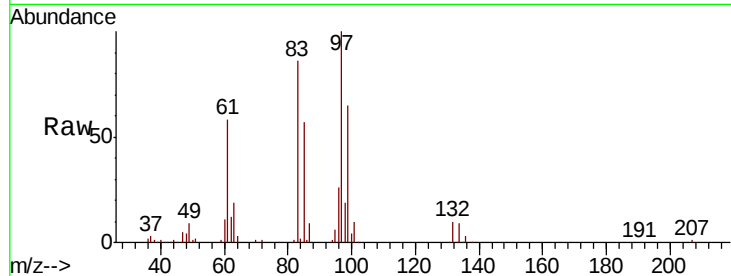




#55
 1,1,2-Trichloroethane
 Concen: 20.65 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

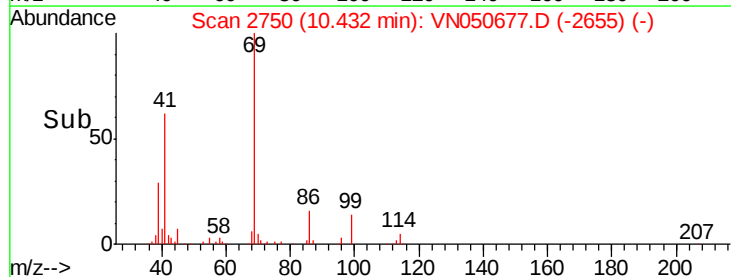
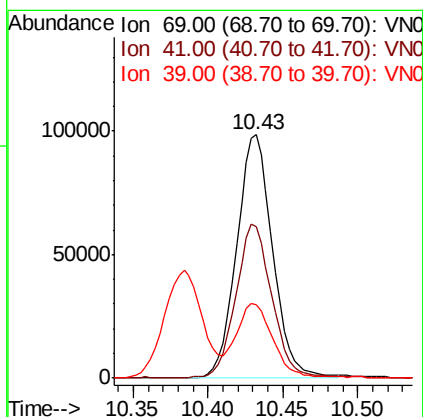
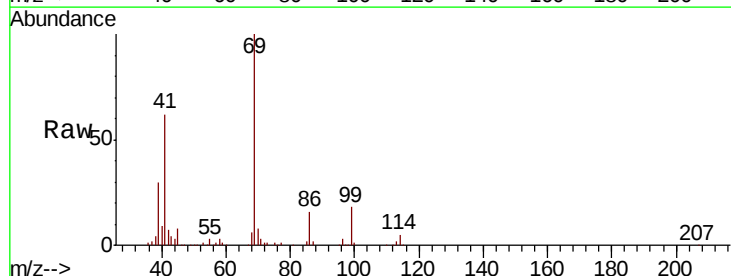
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD03

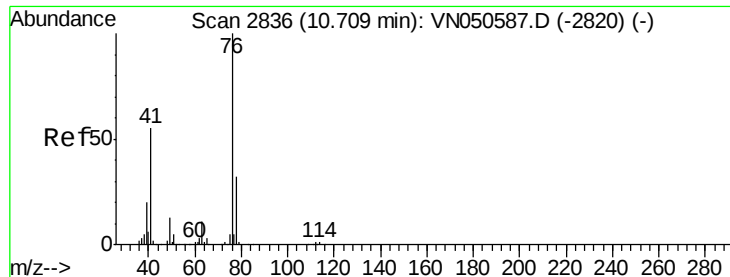
Tot Ion:	97	Resp:	143596
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.5	102.7
85	56.9	44.6	66.8
99	65.0	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 19.77 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

Tgt Ion:	69	Resp:	164803
Ion	Ratio	Lower	Upper
69	100		
41	62.9	49.7	74.5
39	30.7	24.2	36.2





#57

1,3-Dichloropropane

Concen: 20.79 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

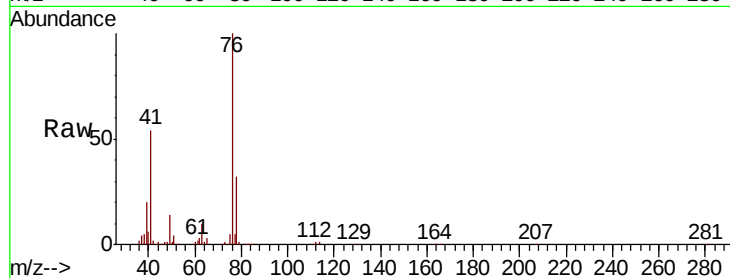
VN0815WBSD03

Tot Ion: 76 Resp: 236958

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

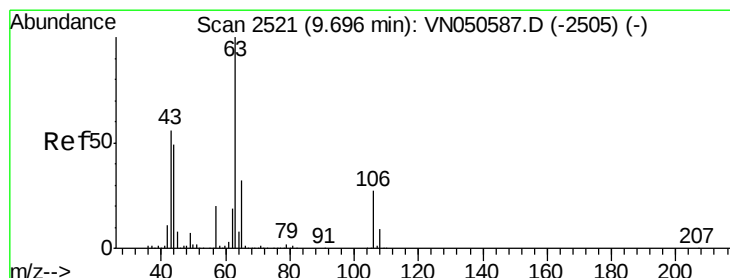
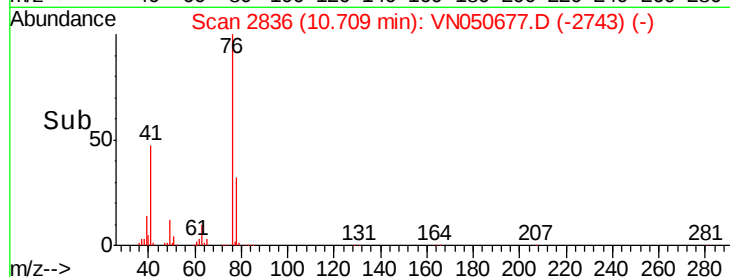
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 98.06 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050677.D

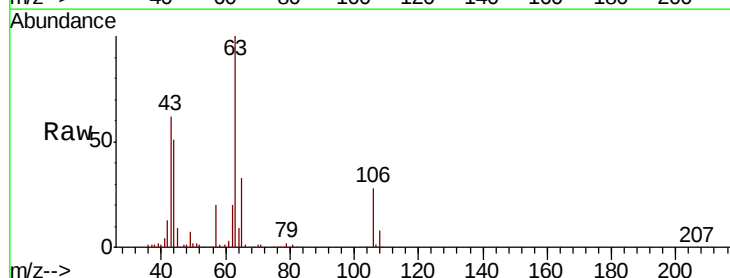
Acq: 16 Aug 2018 1:32

Tgt Ion: 63 Resp: 388608

Ion Ratio Lower Upper

63 100

106 27.6 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

250000

200000

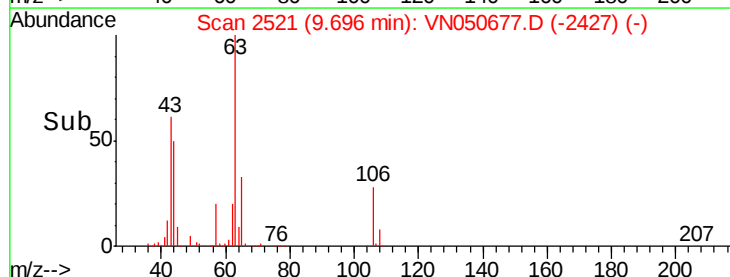
150000

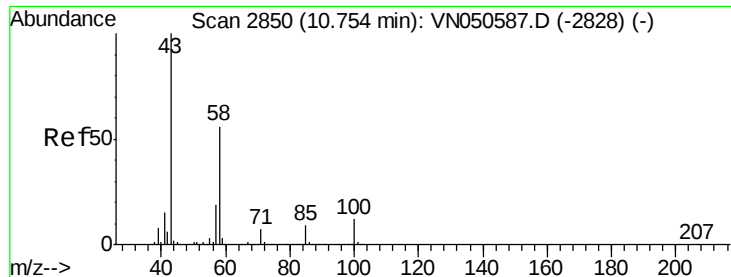
100000

50000

0

Time--> 9.60 9.70 9.80

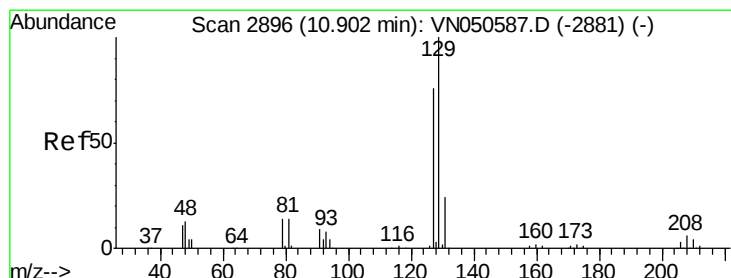
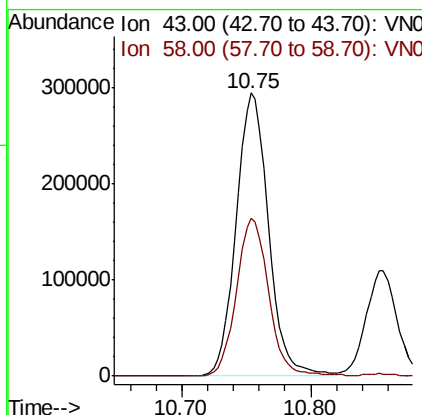
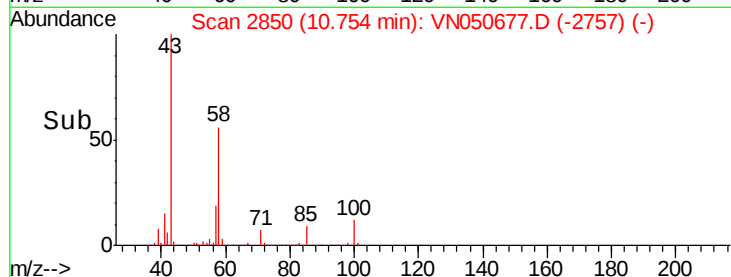
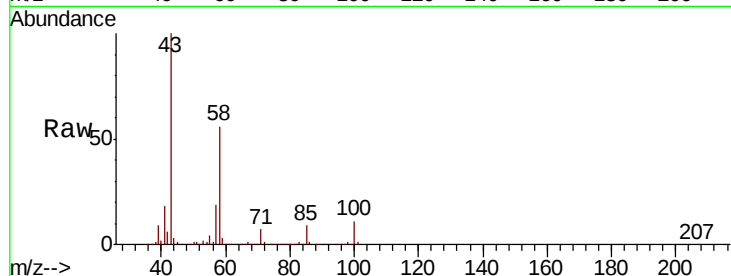




#59
2-Hexanone
Concen: 111.35 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

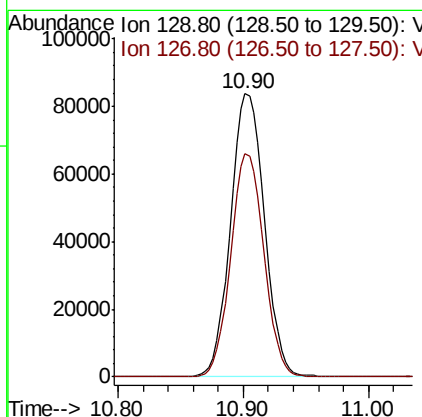
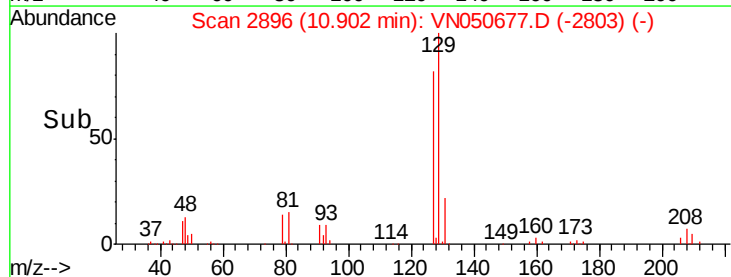
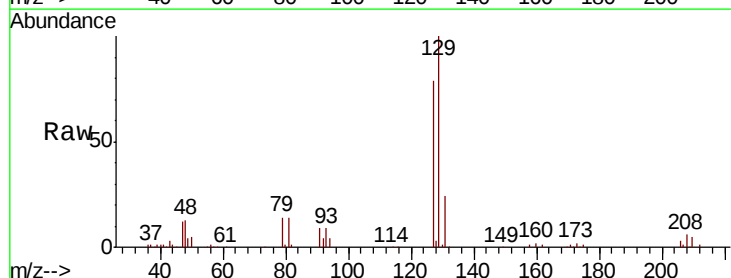
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

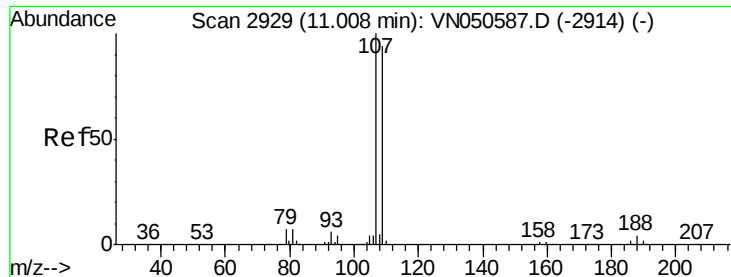
Tot Ion: 43 Resp: 513116
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0



#60
Dibromochloromethane
Concen: 20.49 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion: 129 Resp: 157216
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7

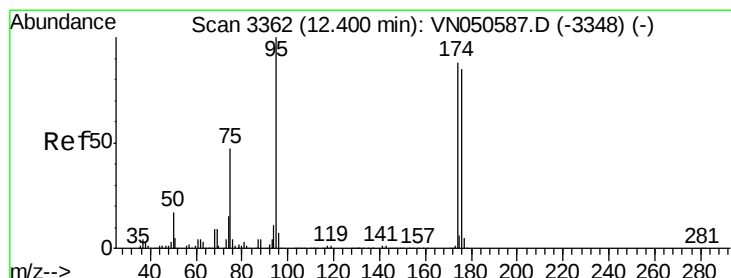
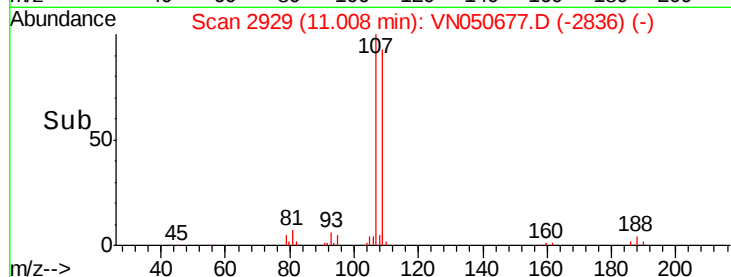
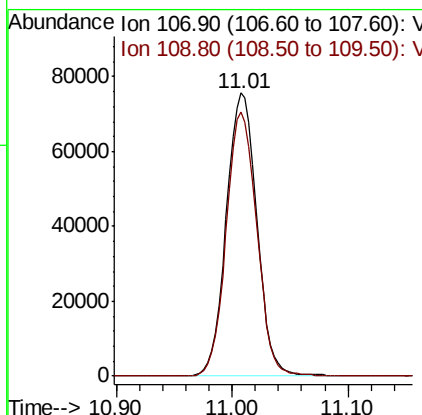
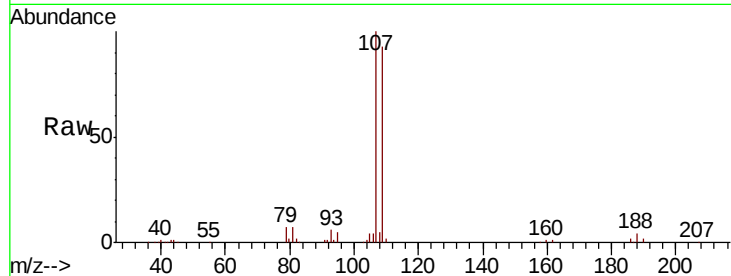




#61
 1,2-Dibromoethane
 Concen: 20.87 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

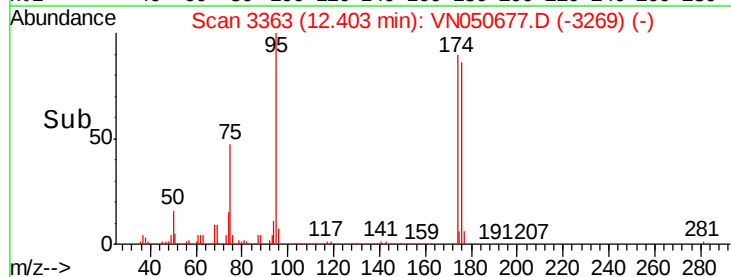
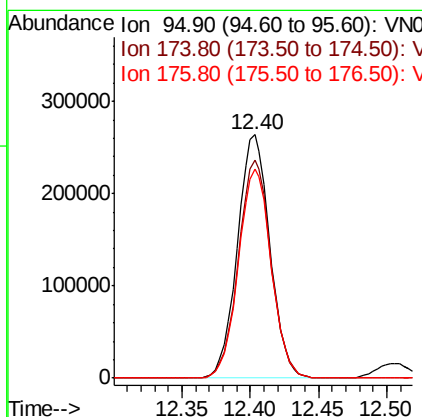
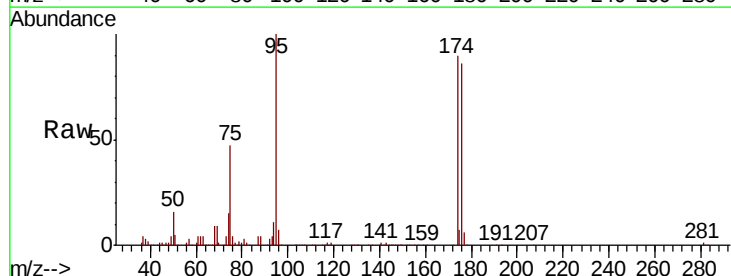
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD03

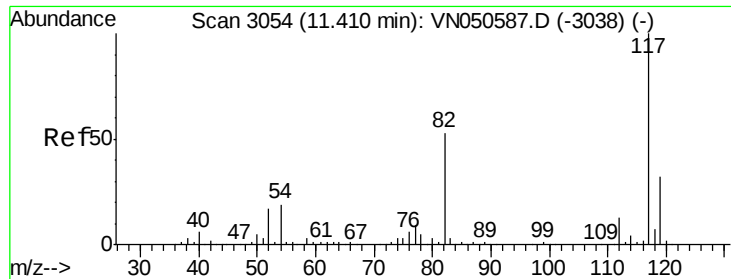
Tot Ion:107 Resp: 138230
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 47.68 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

Tgt Ion: 95 Resp: 435685
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 177.8
 176 86.6 0.0 175.0

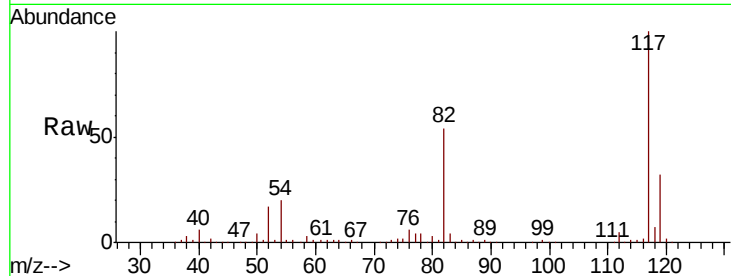




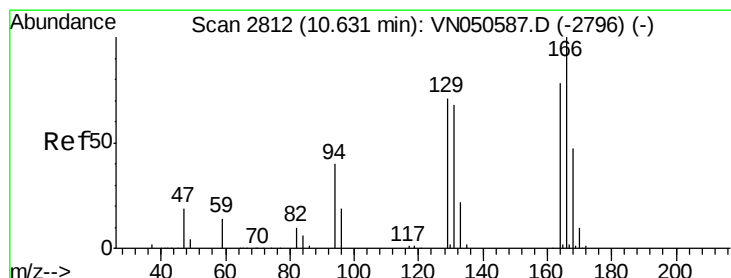
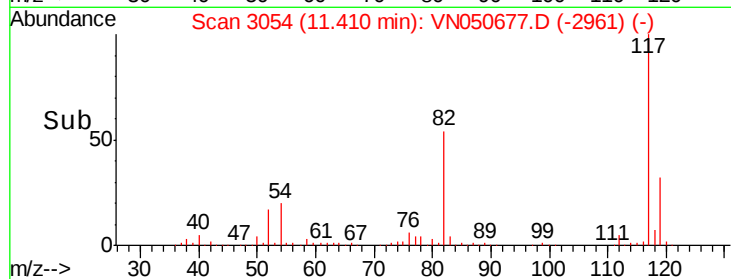
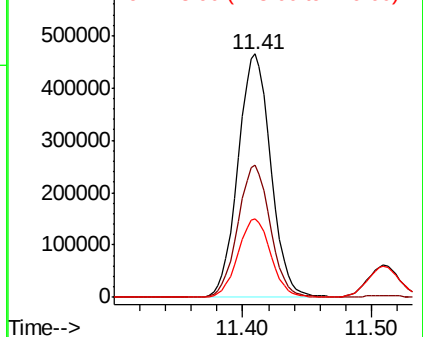
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

Tot Ion:117 Resp: 822395
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 32.3 25.8 38.8

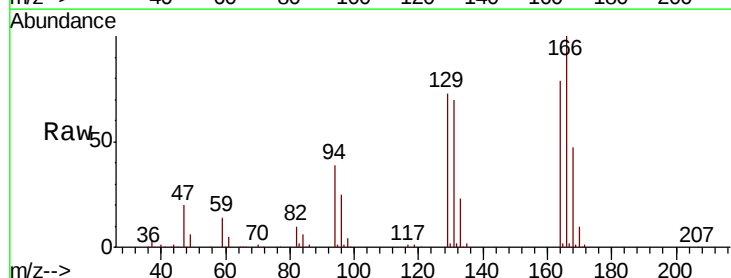


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

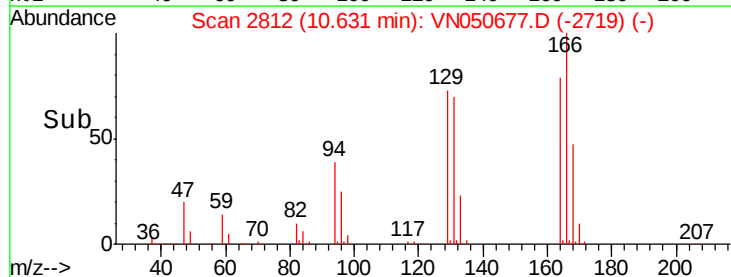
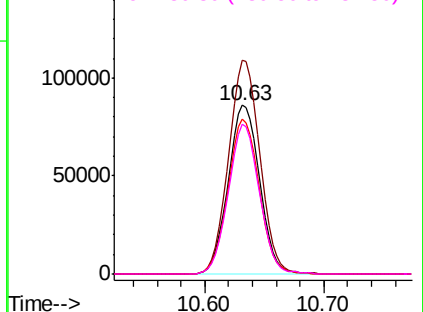


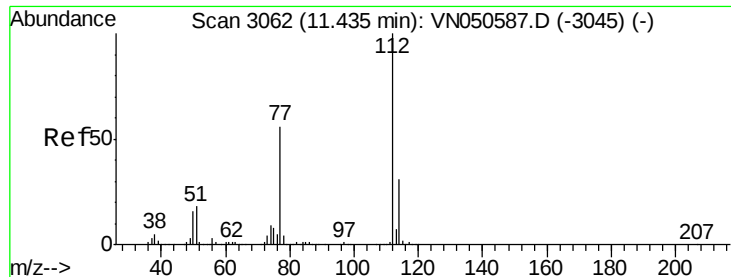
#64
Tetrachloroethene
Concen: 20.68 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion:164 Resp: 157938
Ion Ratio Lower Upper
164 100
166 126.8 102.1 153.1
129 92.0 72.7 109.1
131 88.6 69.9 104.9



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

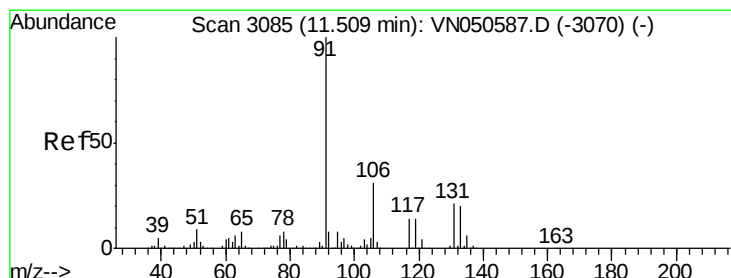
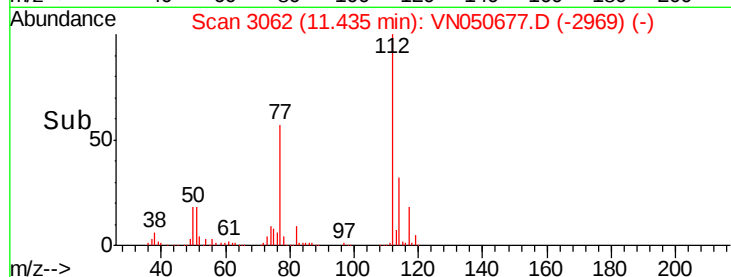
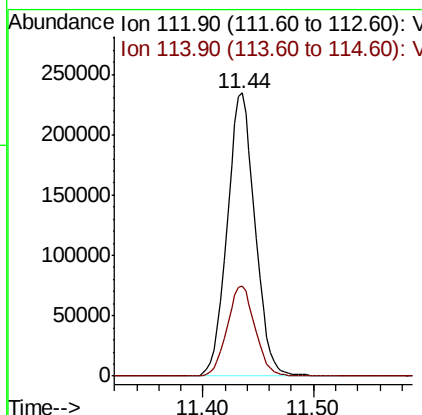
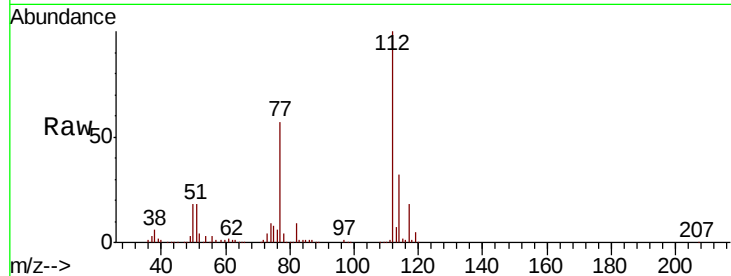




#65
Chlorobenzene
Concen: 19.94 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

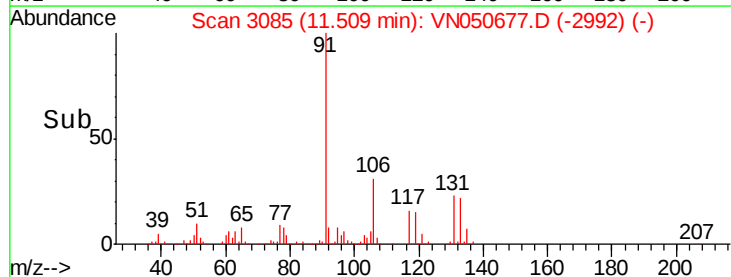
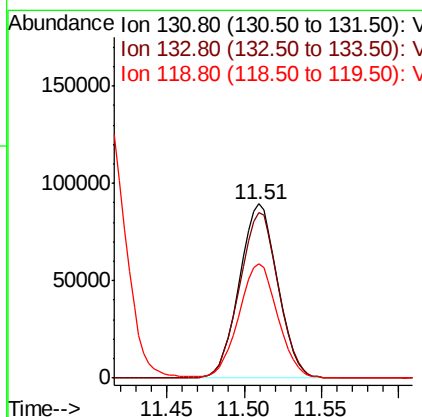
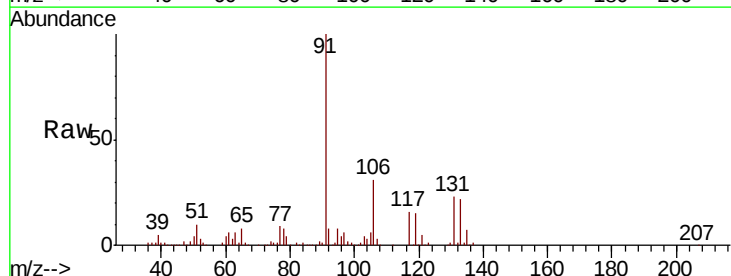
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

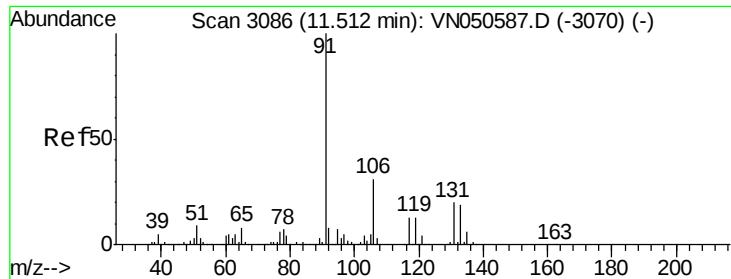
Tot Ion:112 Resp: 408214
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.07 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion:131 Resp: 153993
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 66.8 33.1 99.3

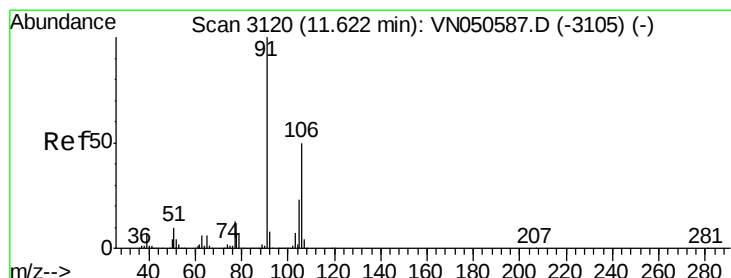
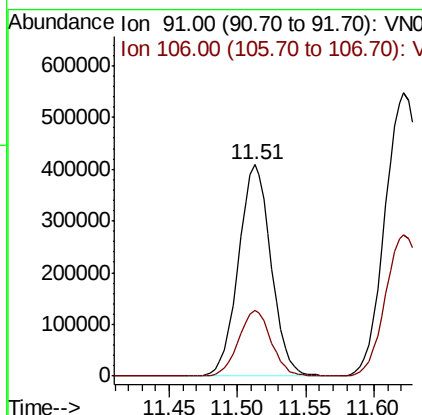
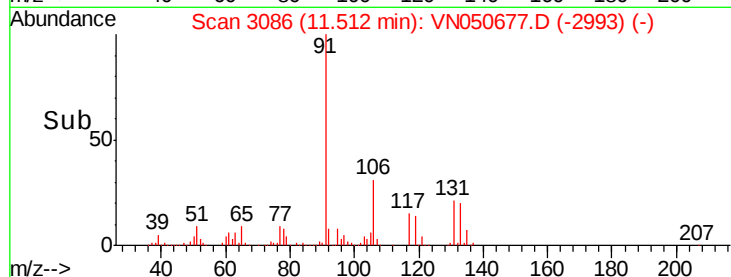
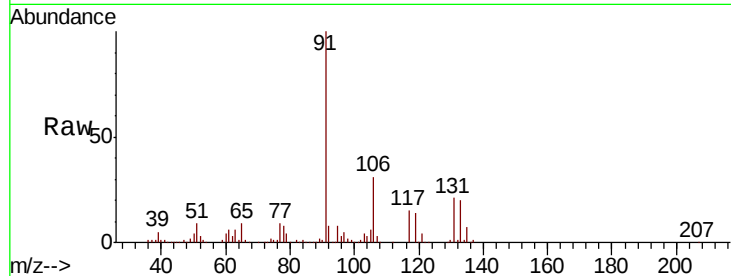




#67
Ethyl Benzene
Concen: 20.53 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

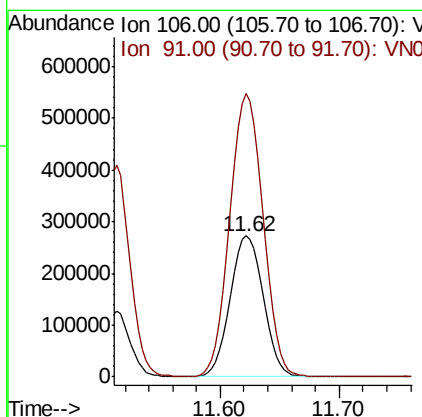
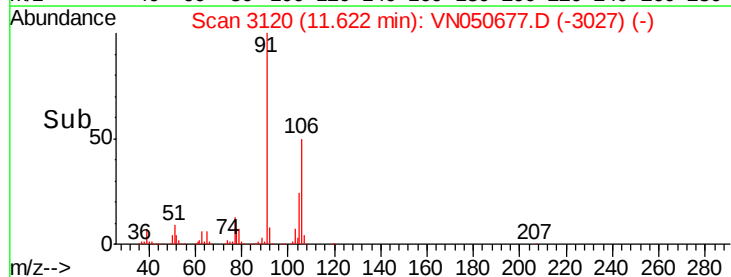
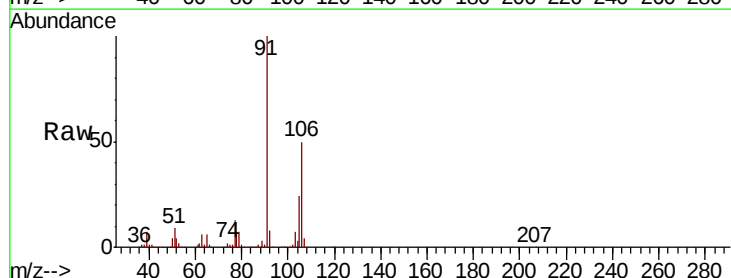
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

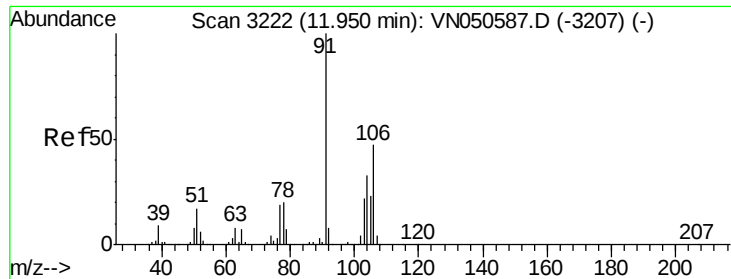
Tot Ion: 91 Resp: 678388
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2



#68
m/p-Xylenes
Concen: 41.78 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion: 106 Resp: 528047
Ion Ratio Lower Upper
106 100
91 201.8 161.5 242.3

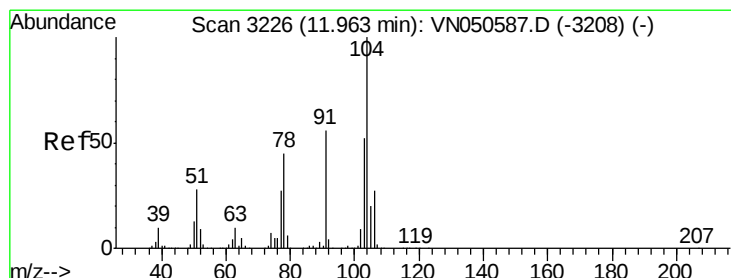
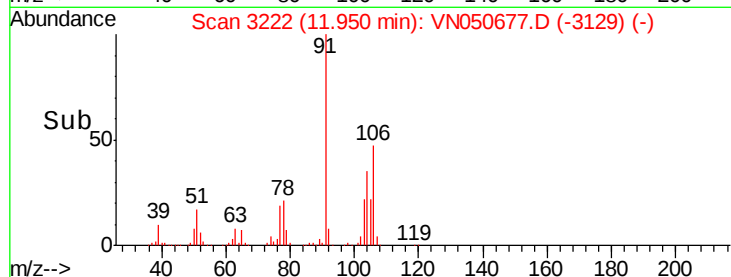
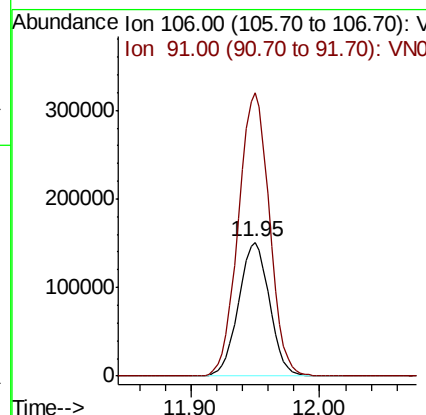
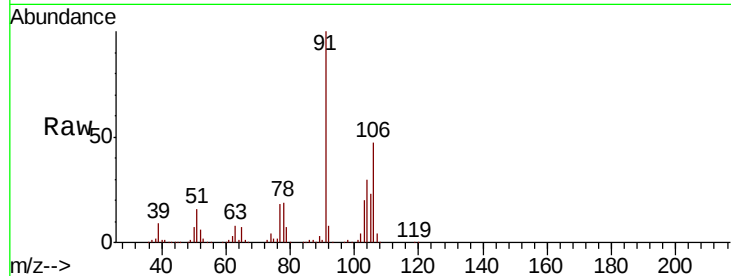




#69
o-Xylene
Concen: 20.89 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

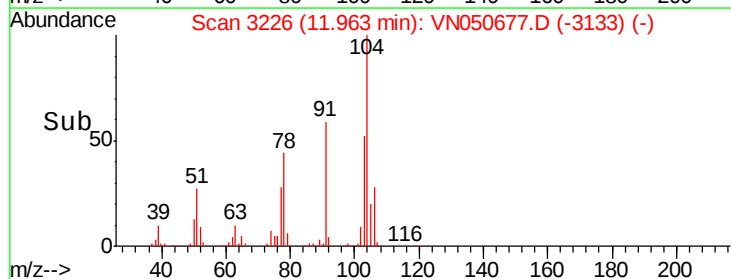
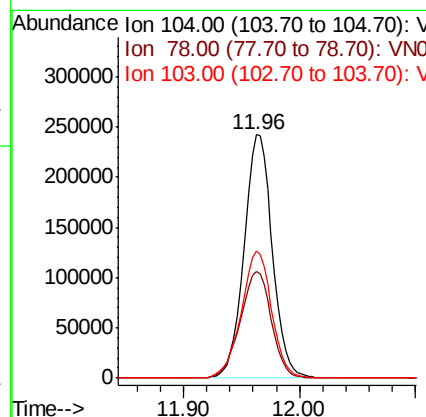
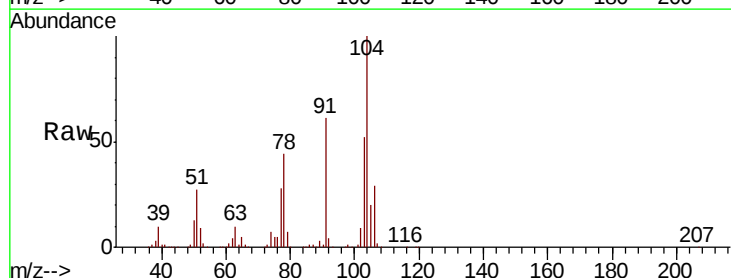
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

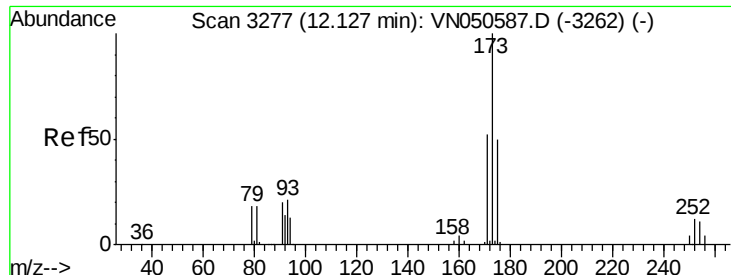
Tot Ion:106 Resp: 251717
Ion Ratio Lower Upper
106 100
91 212.9 106.8 320.4



#70
Styrene
Concen: 19.72 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion:104 Resp: 410276
Ion Ratio Lower Upper
104 100
78 48.3 39.1 58.7
103 56.1 44.9 67.3

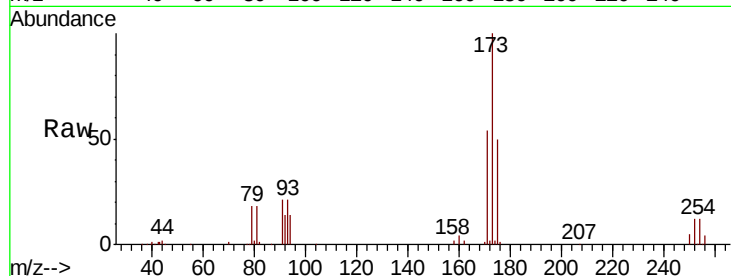




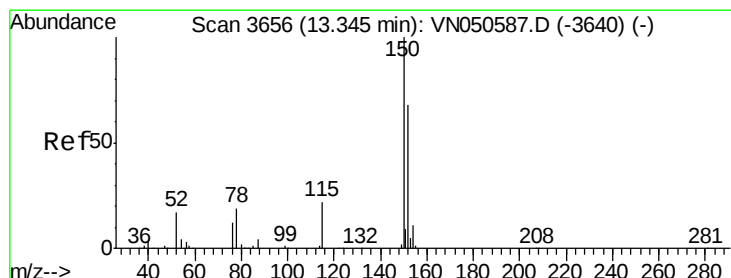
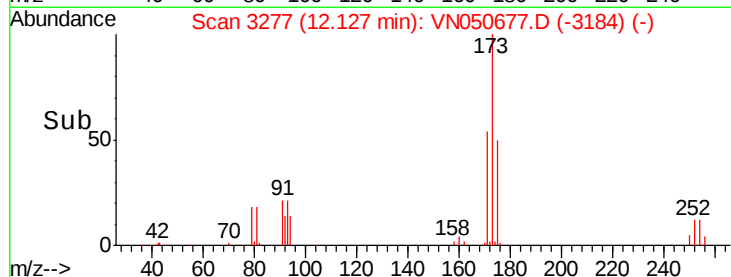
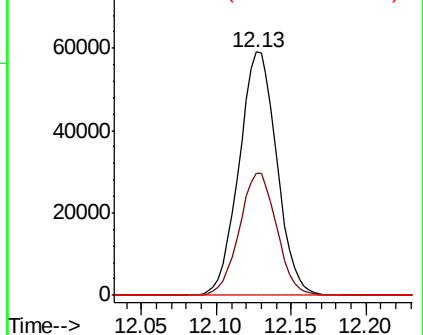
#71
Bromoform
Concen: 20.40 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

Tot Ion:173 Resp: 103788
Ion Ratio Lower Upper
173 100
175 49.6 24.4 73.2
254 0.1 0.0 0.0#

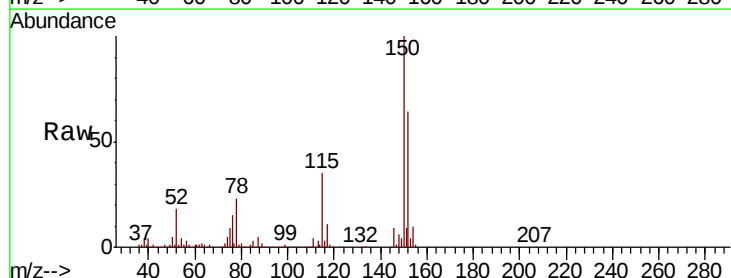


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

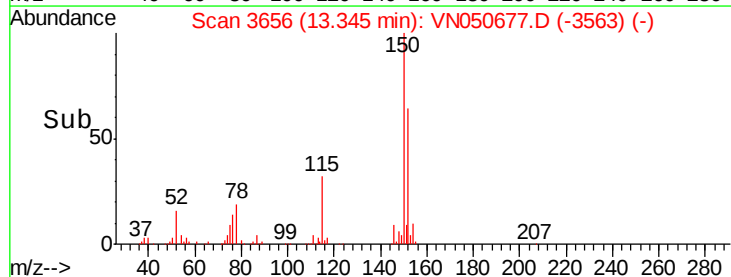
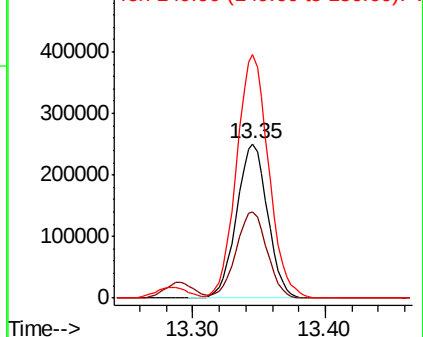


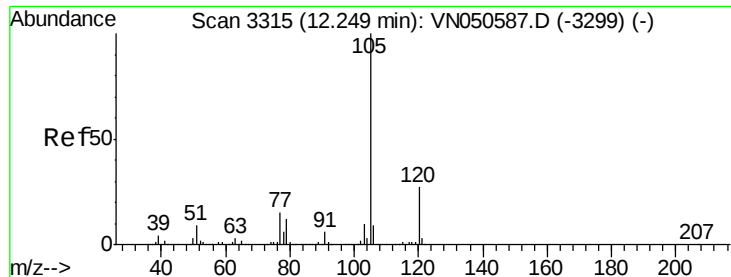
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion:152 Resp: 404747
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.2
150 164.5 0.0 347.8



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: 20.84 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

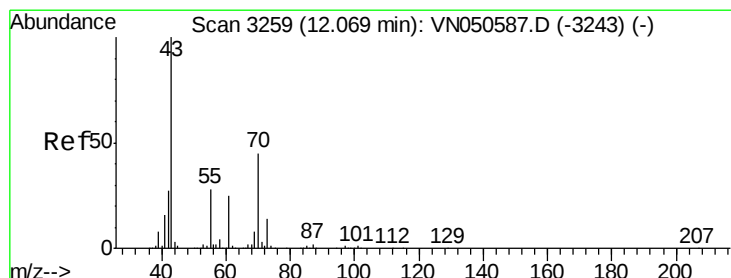
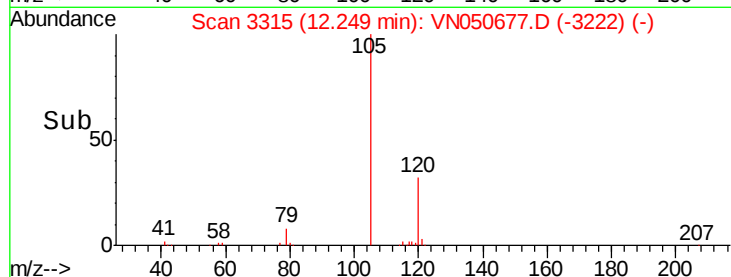
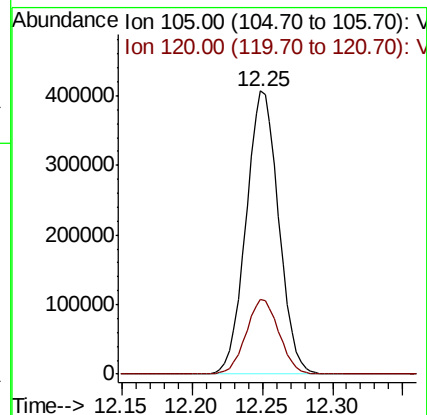
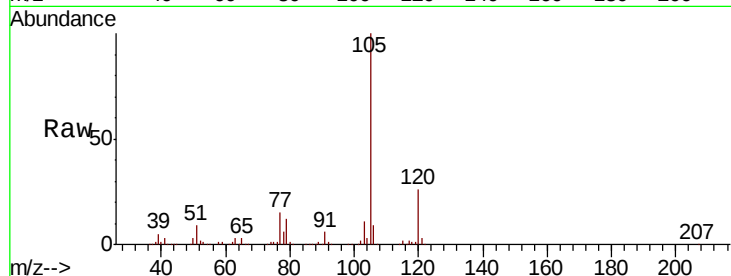
VN0815WBSD03

Tot Ion:105 Resp: 658963

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 21.56 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Tgt Ion: 43 Resp: 177364

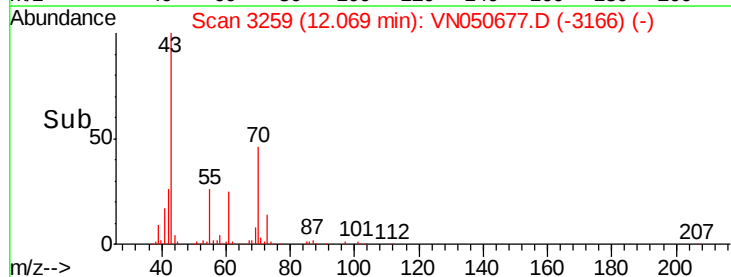
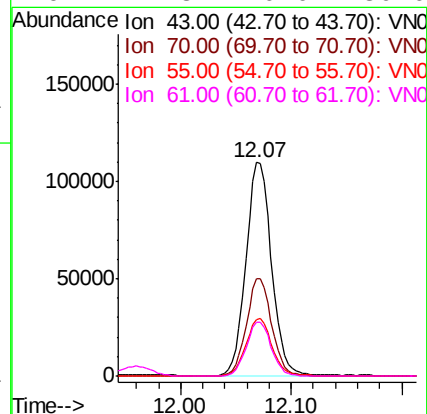
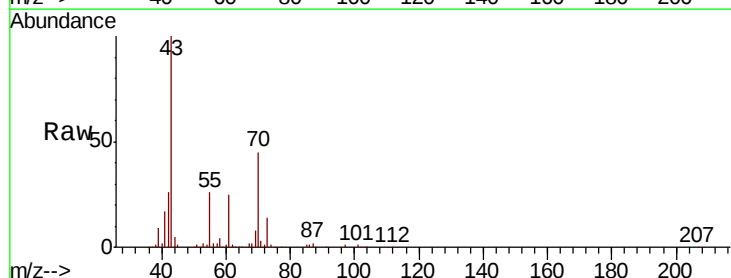
Ion Ratio Lower Upper

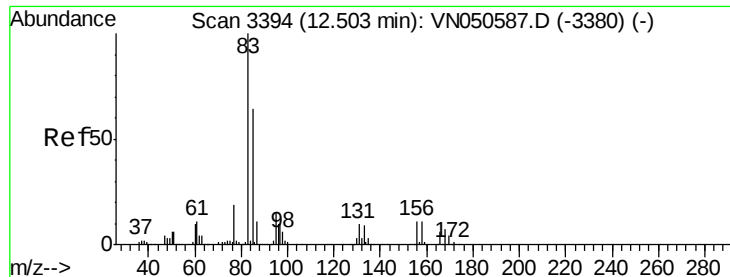
43 100

70 44.4 35.9 53.9

55 27.1 22.2 33.4

61 24.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.61 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

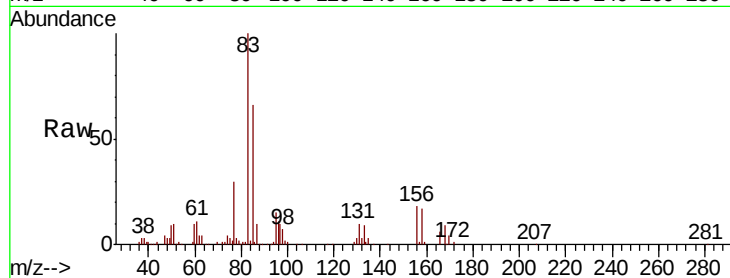
Tot Ion: 83 Resp: 175358

Ion Ratio Lower Upper

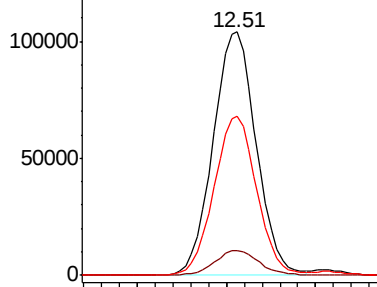
83 100

131 10.7 5.3 15.9

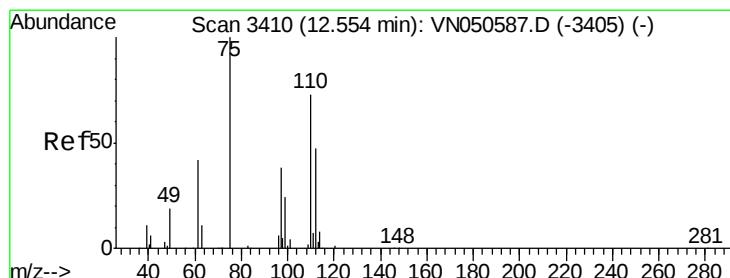
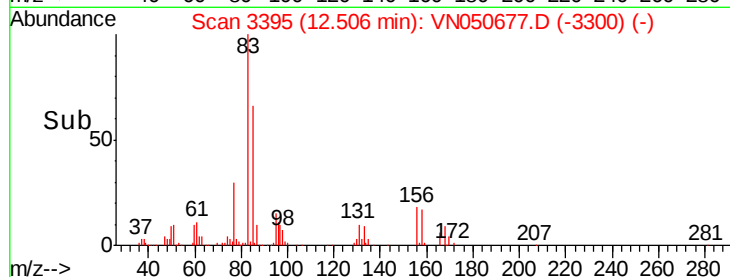
85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



Time-->



#76

1,2,3-Trichloropropane

Concen: 29.87 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050677.D

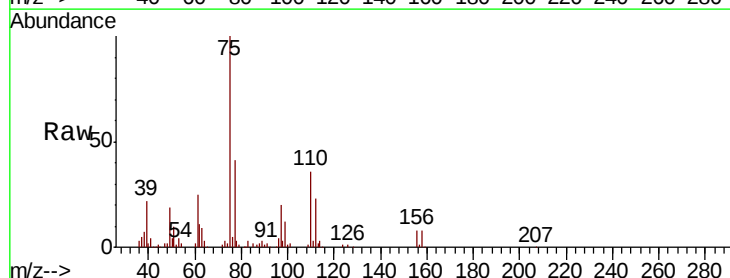
Acq: 16 Aug 2018 1:32

Tgt Ion: 75 Resp: 198047

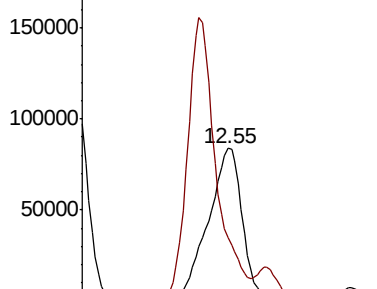
Ion Ratio Lower Upper

75 100

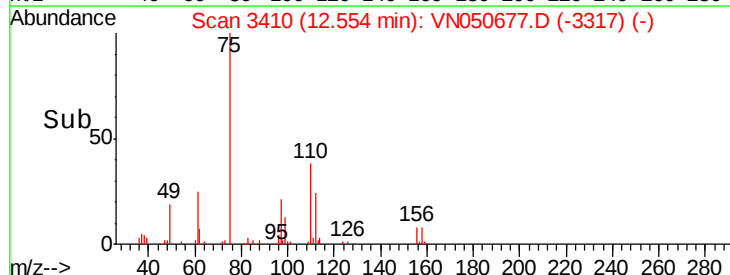
77 0.0 0.0 0.0

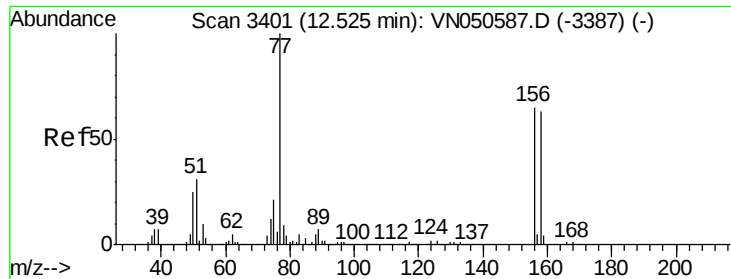


Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO



Time-->





#77

Bromobenzene

Concen: 20.29 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampled :

VN0815WBSD03

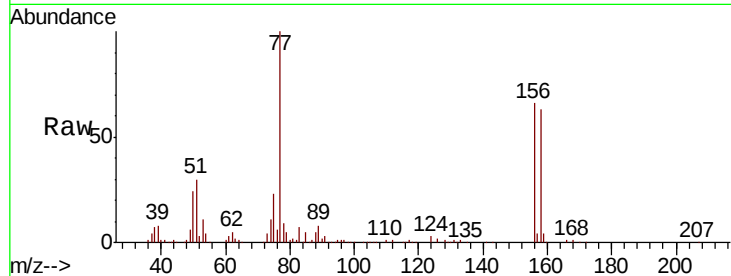
Tot Ion:156 Resp: 174208

Ion Ratio Lower Upper

156 100

77 179.4 89.0 267.1

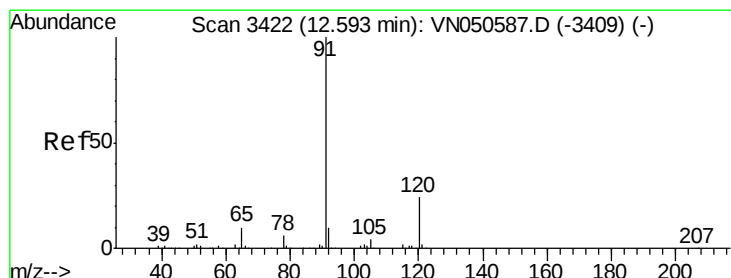
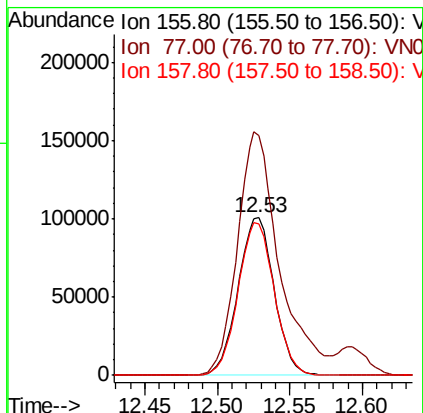
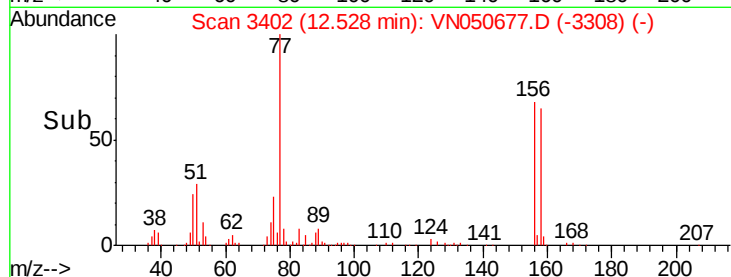
158 97.1 48.5 145.6



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: 21.08 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050677.D

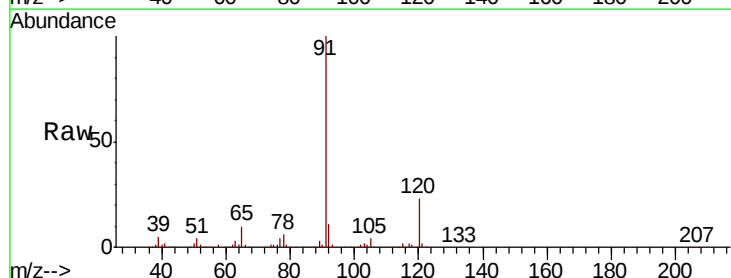
Acq: 16 Aug 2018 1:32

Tgt Ion: 91 Resp: 743214

Ion Ratio Lower Upper

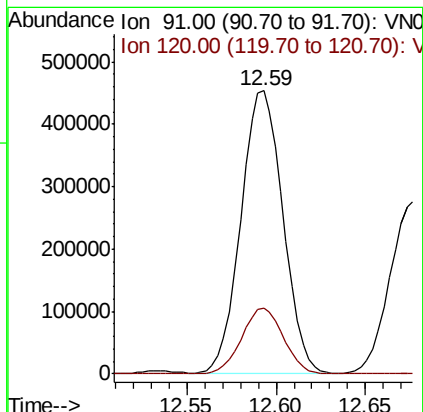
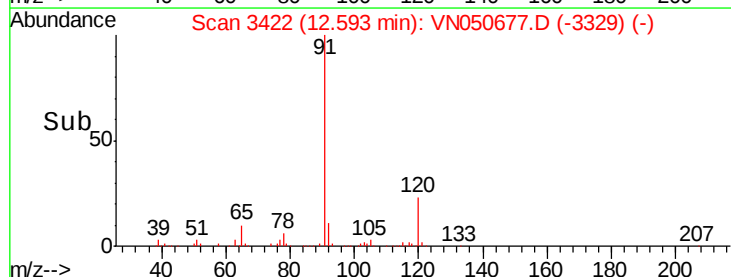
91 100

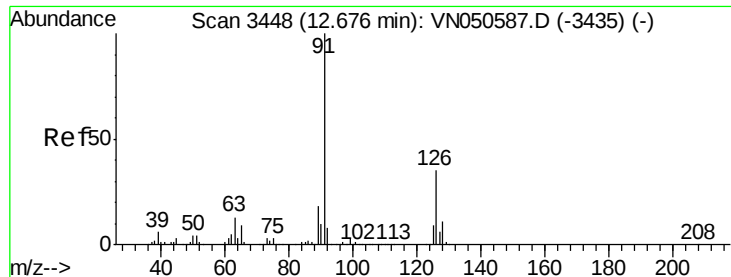
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.64 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

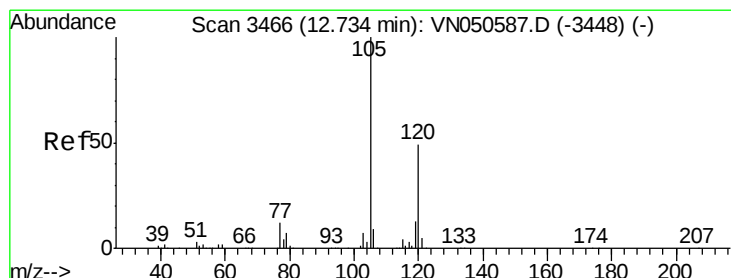
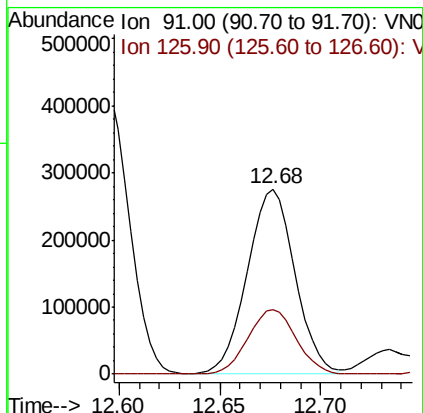
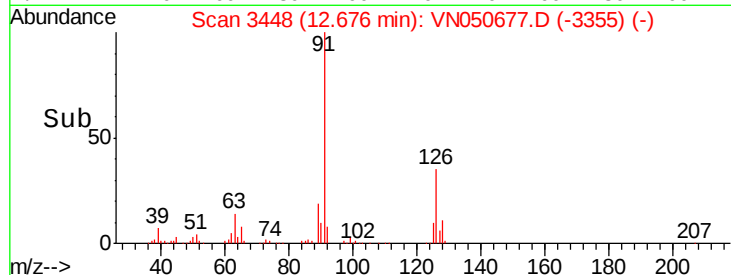
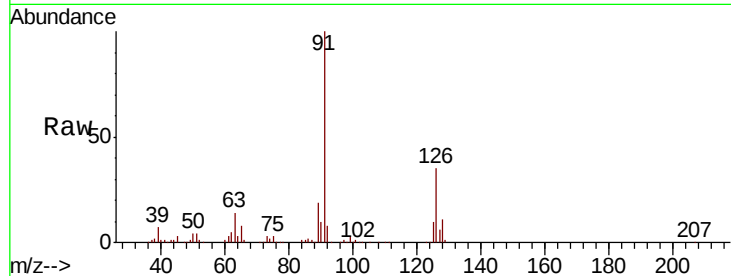
VN0815WBSD03

Tot Ion: 91 Resp: 453846

Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.68 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050677.D

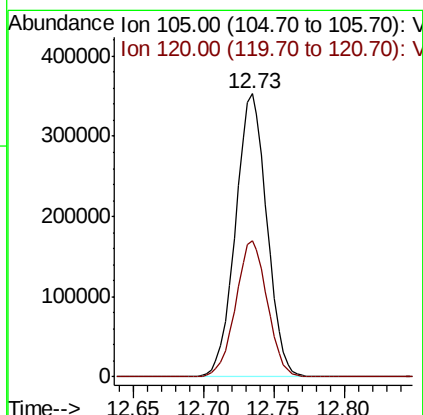
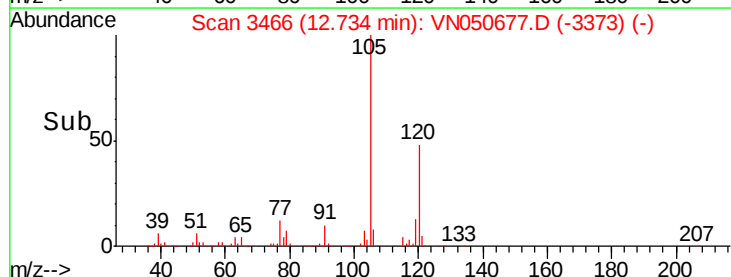
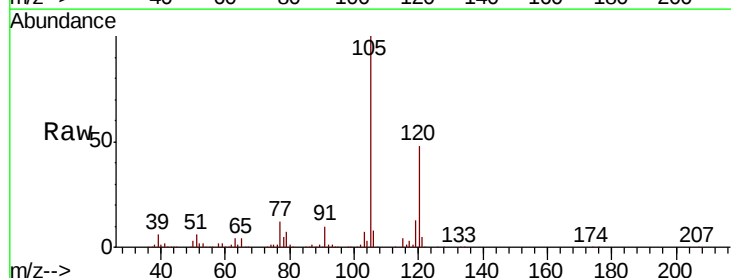
Acq: 16 Aug 2018 1:32

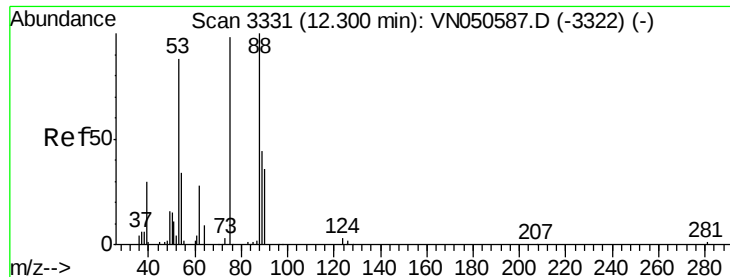
Tgt Ion: 105 Resp: 548958

Ion Ratio Lower Upper

105 100

120 48.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.26 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

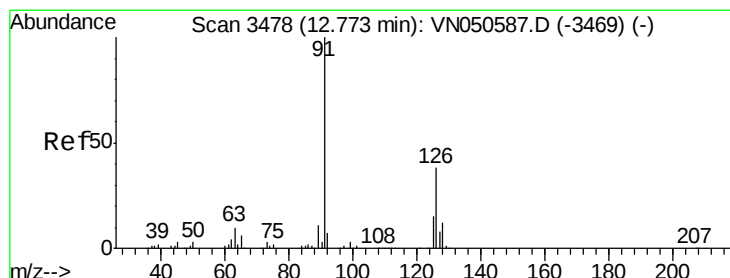
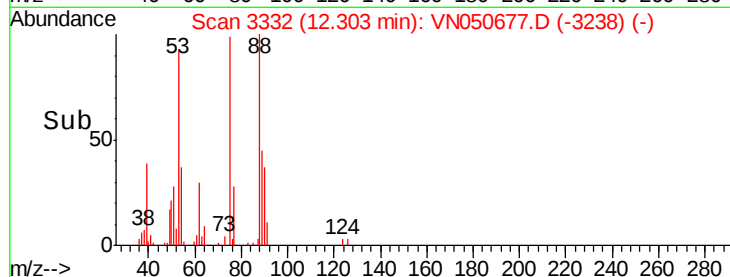
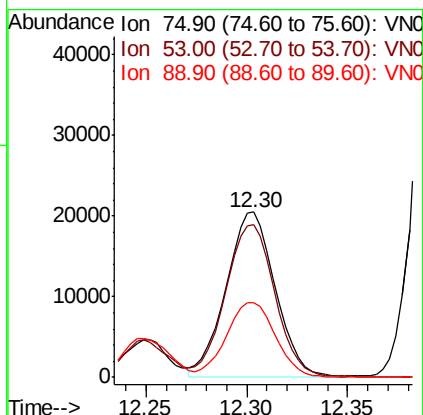
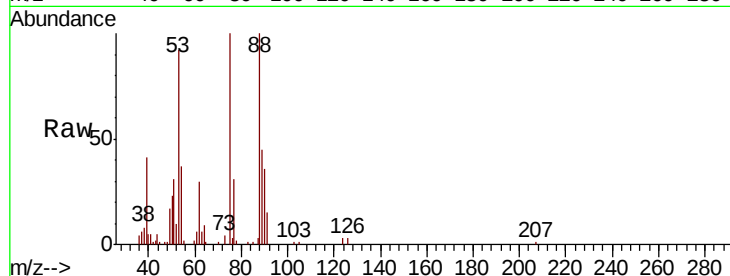
Tot Ion: 75 Resp: 35064

Ion Ratio Lower Upper

75 100

53 93.3 72.2 108.2

89 45.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 21.13 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050677.D

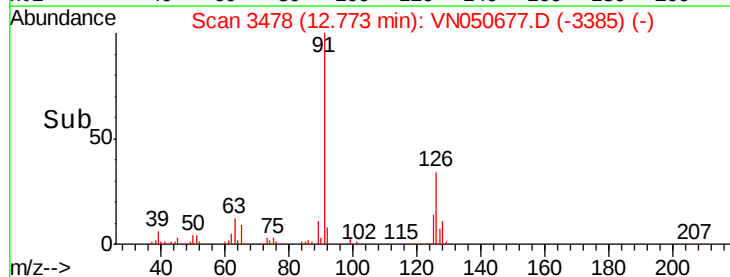
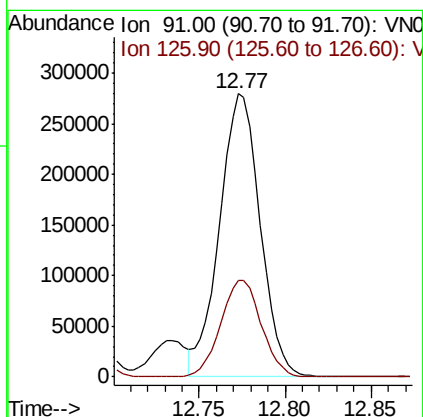
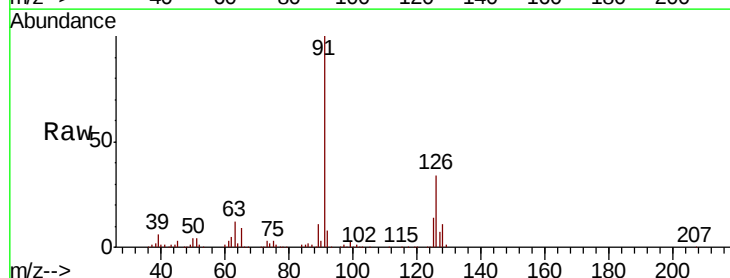
Acq: 16 Aug 2018 1:32

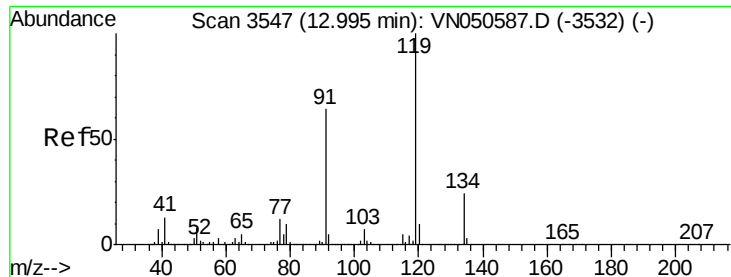
Tgt Ion: 91 Resp: 459160

Ion Ratio Lower Upper

91 100

126 34.2 17.3 52.0

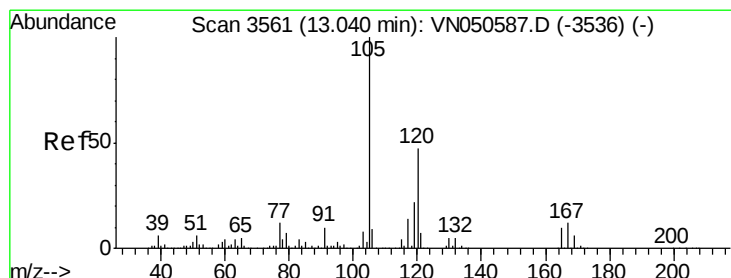
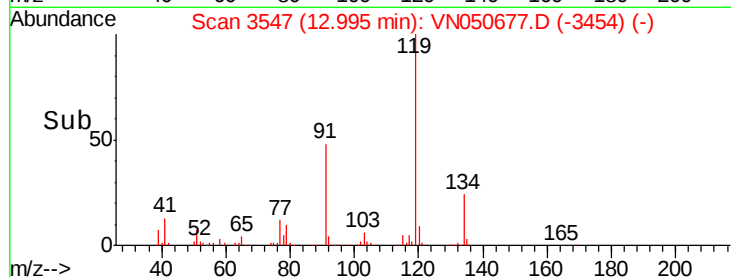
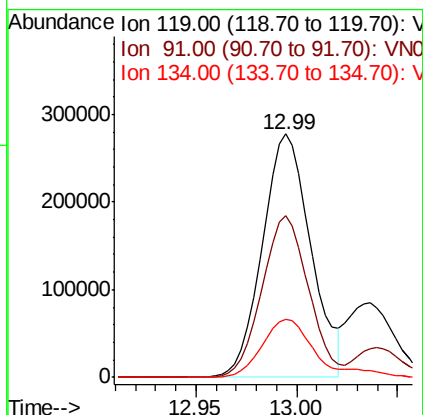
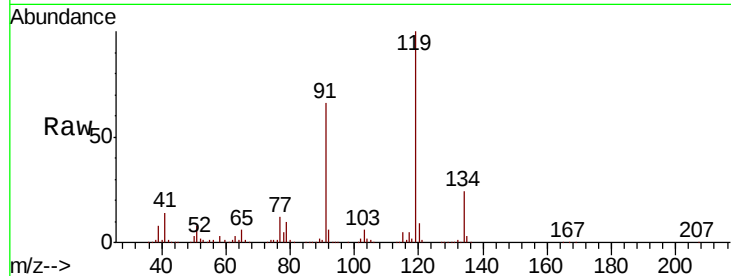




#83
tert-Butylbenzene
Concen: 21.13 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

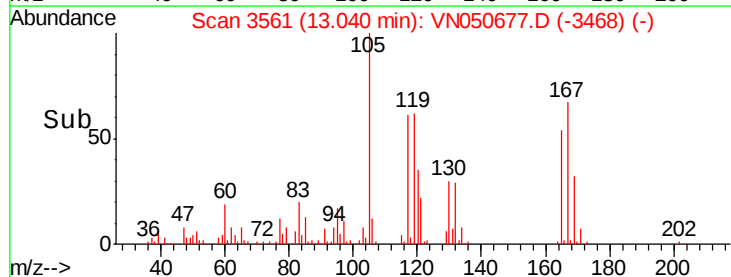
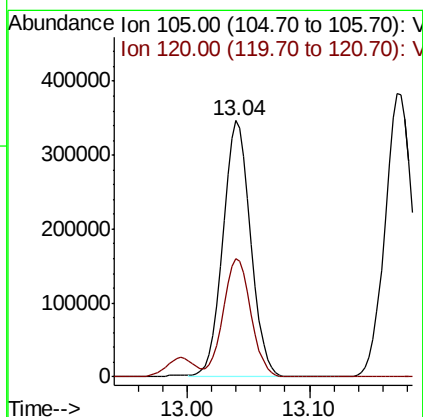
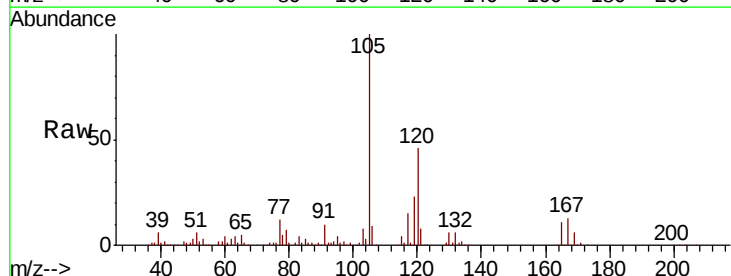
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD03

Tot Ion:119 Resp: 464462
Ion Ratio Lower Upper
119 100
91 64.0 32.2 96.6
134 26.3 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 21.68 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN050677.D
Acq: 16 Aug 2018 1:32

Tgt Ion:105 Resp: 550869
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 21.29 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

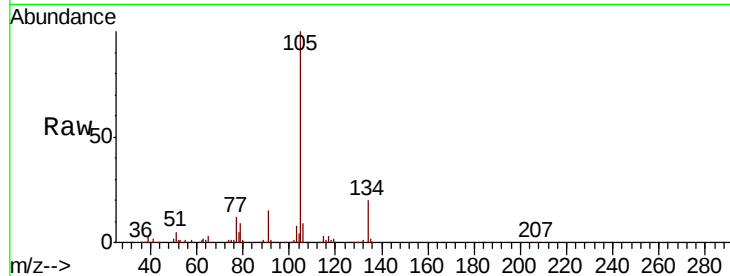
VN0815WBSD03

Tot Ion:105 Resp: 611604

Ion Ratio Lower Upper

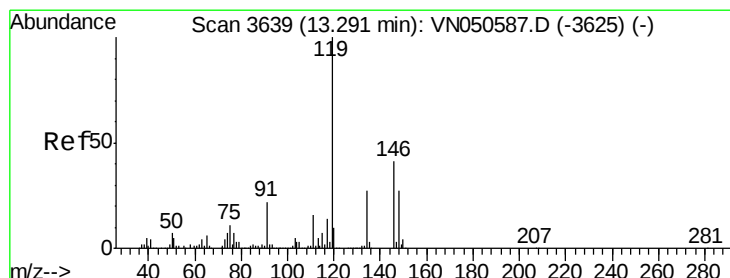
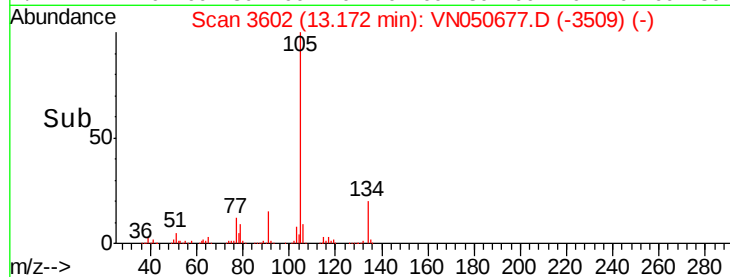
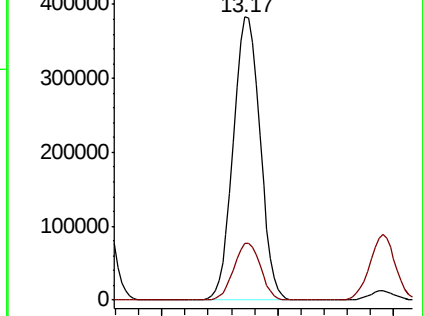
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.03 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

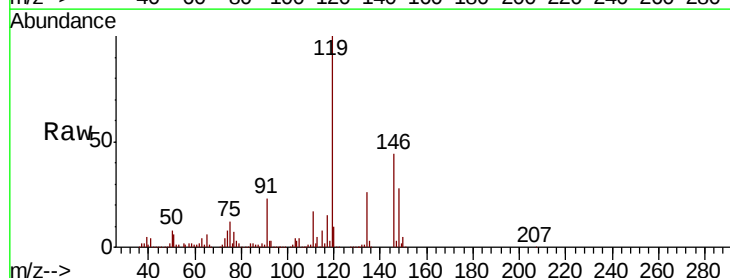
Tgt Ion:119 Resp: 511873

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

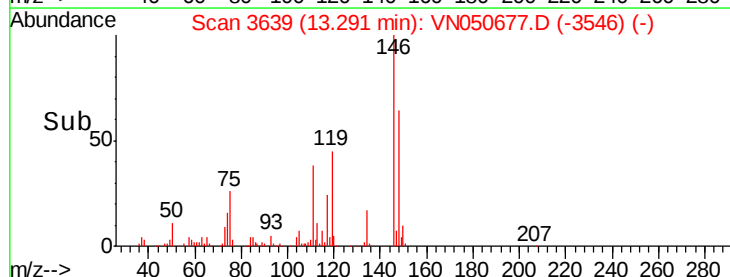
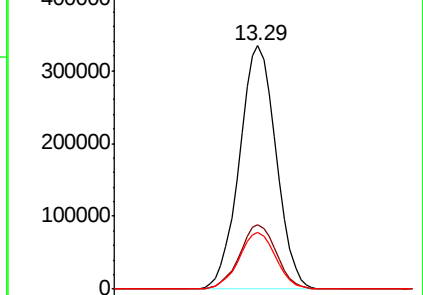
91 23.3 11.2 33.6

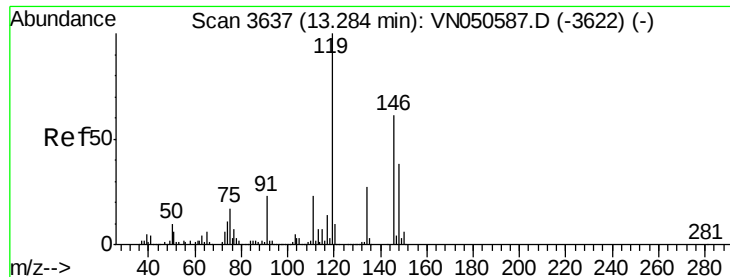


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.39 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

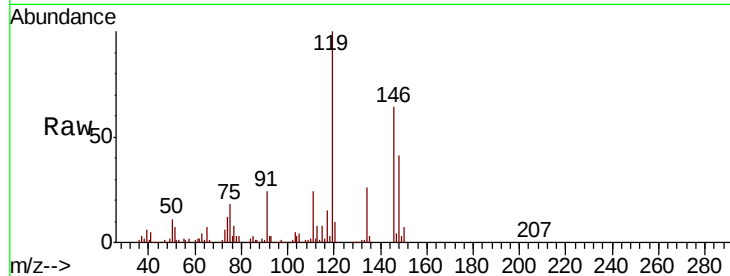
Tot Ion:146 Resp: 298050

Ion Ratio Lower Upper

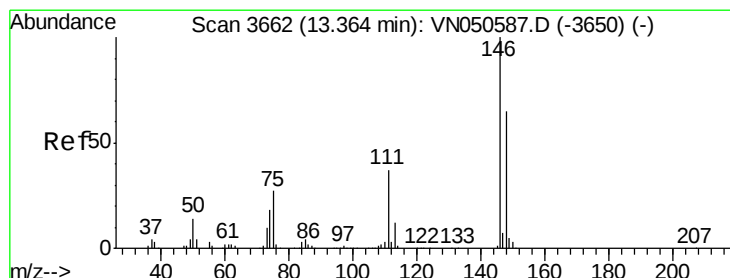
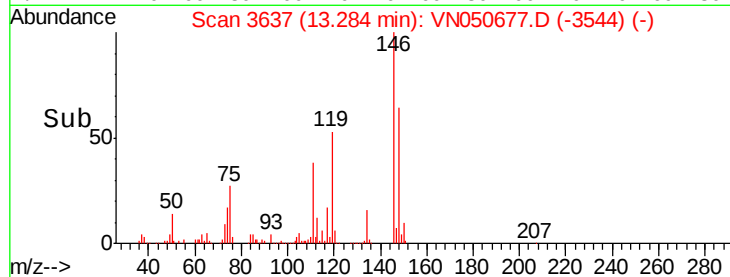
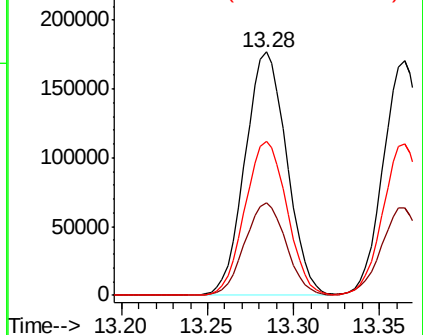
146 100

111 37.5 19.2 57.6

148 63.7 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 19.70 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

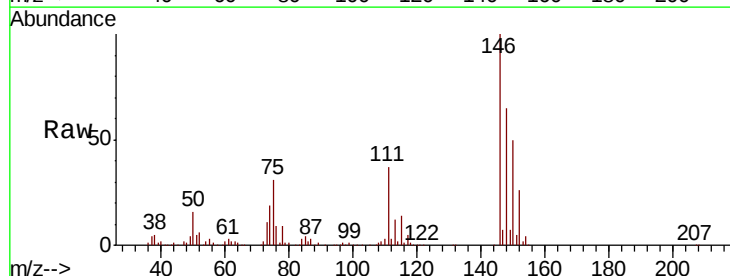
Tgt Ion:146 Resp: 285735

Ion Ratio Lower Upper

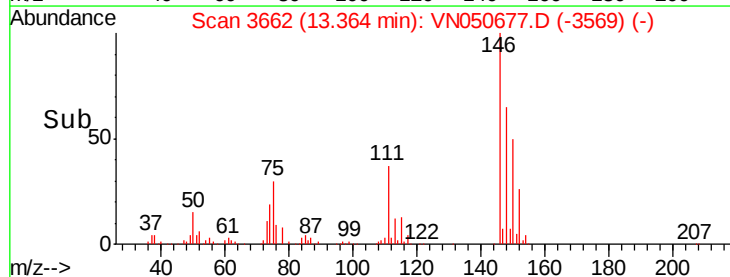
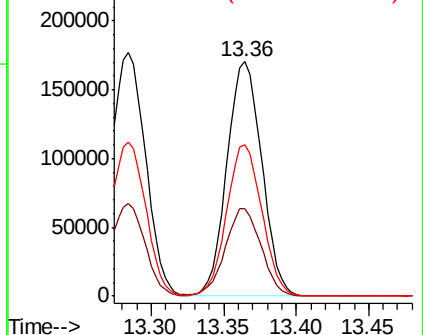
146 100

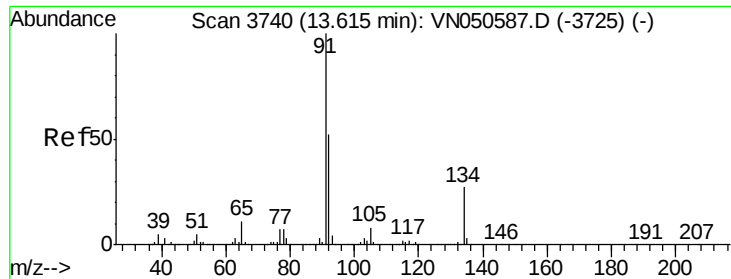
111 38.3 18.8 56.4

148 65.0 32.3 96.8



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





#89

n-Butylbenzene

Concen: 19.73 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

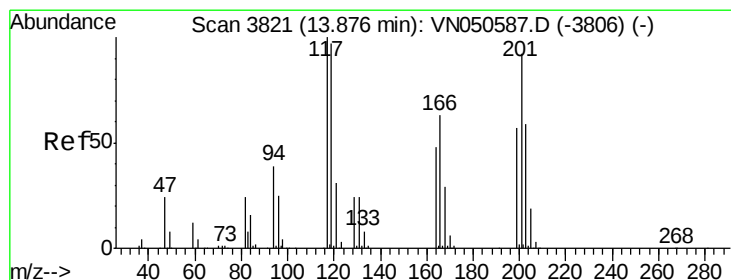
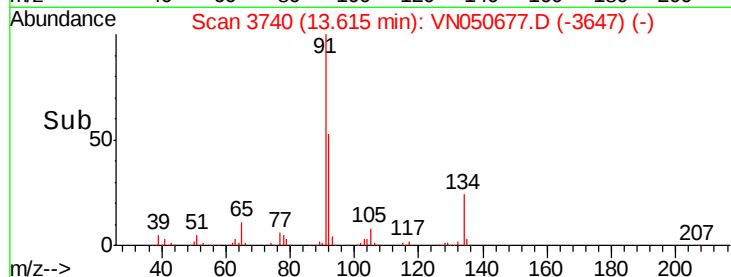
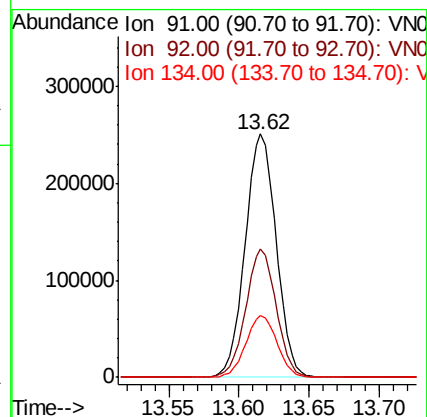
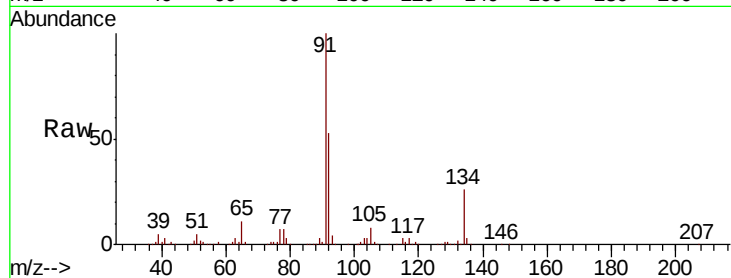
Tot Ion: 91 Resp: 387726

Ion Ratio Lower Upper

91 100

92 51.7 26.3 78.8

134 25.5 13.3 39.9



#90

Hexachloroethane

Concen: 19.73 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN050677.D

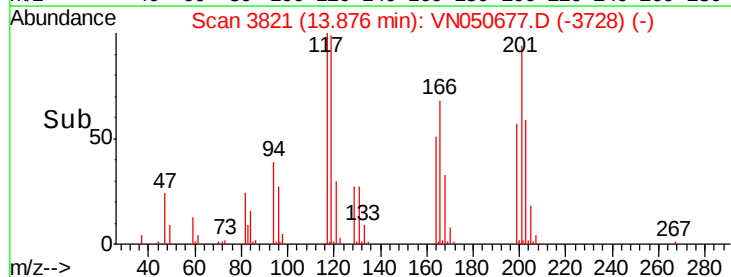
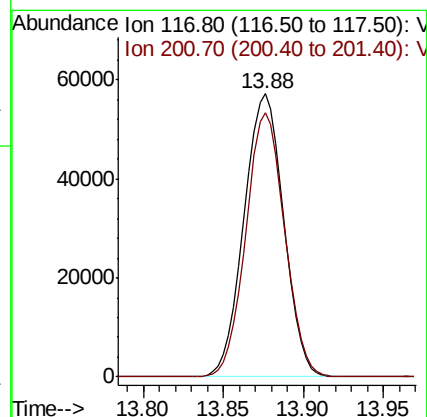
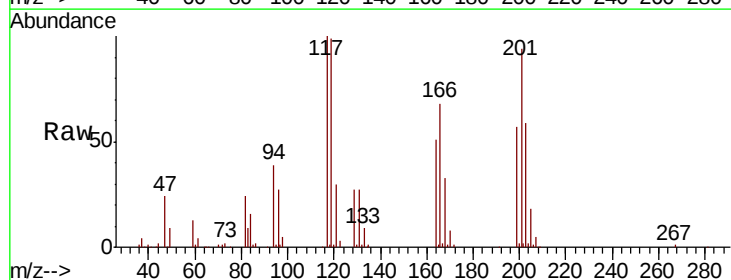
Acq: 16 Aug 2018 1:32

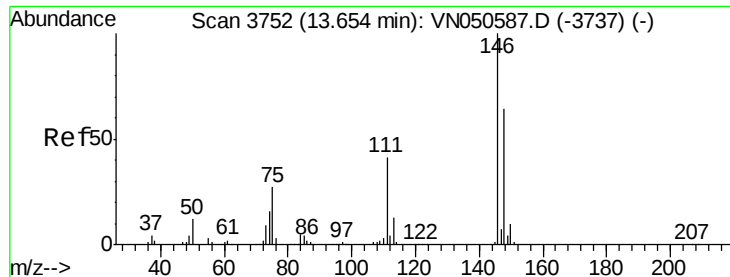
Tgt Ion: 117 Resp: 96535

Ion Ratio Lower Upper

117 100

201 91.1 45.5 136.5

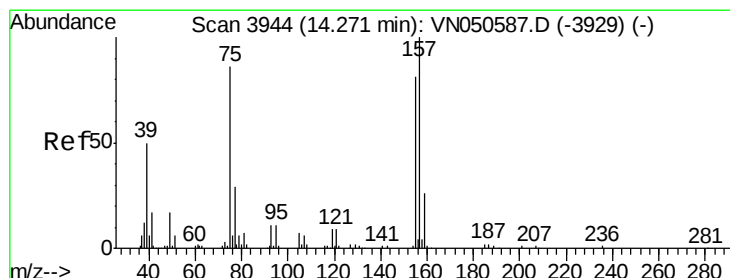
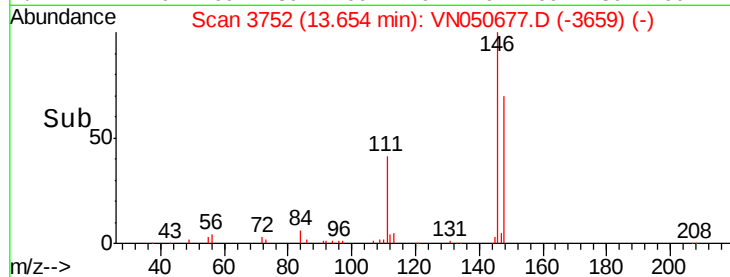
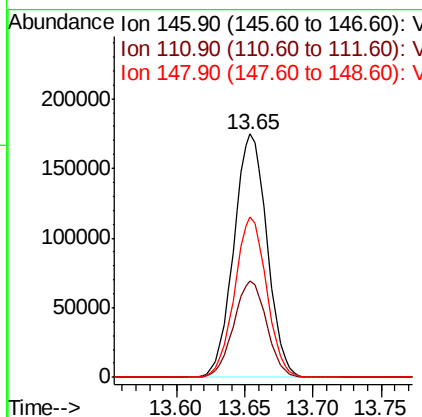
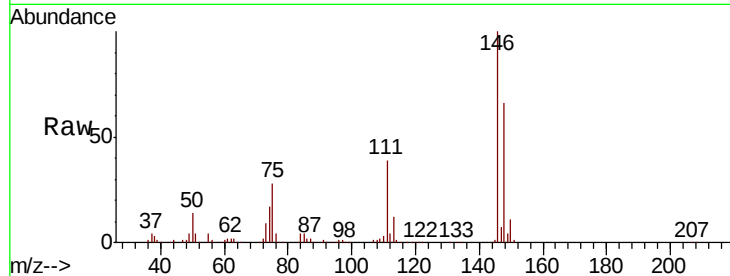




#91
 1,2-Dichlorobenzene
 Concen: 20.68 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

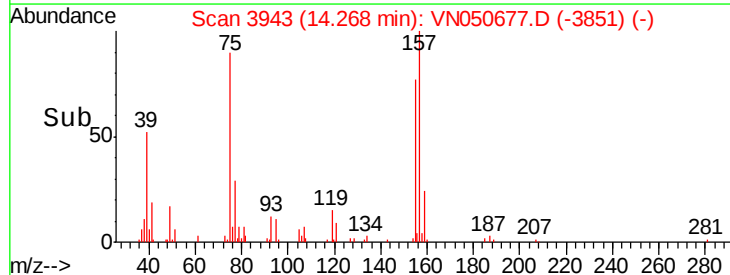
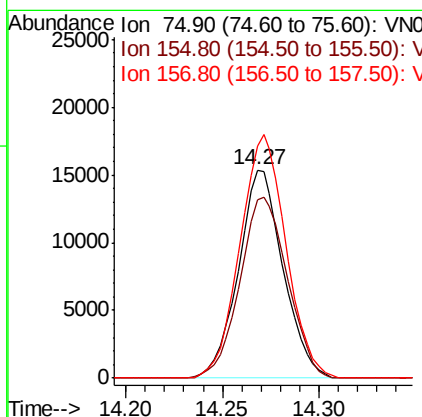
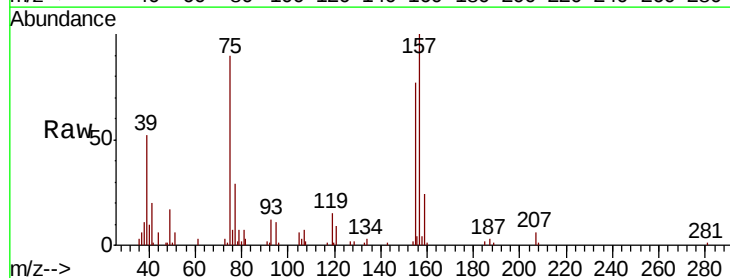
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD03

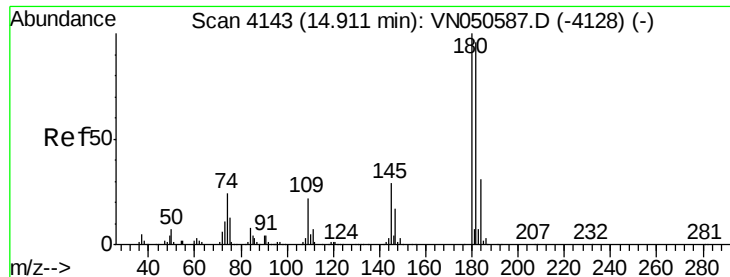
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.4
148	63.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.86 ug/l
 RT: 14.27 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	46.6	139.8
157	120.1	58.1	174.2

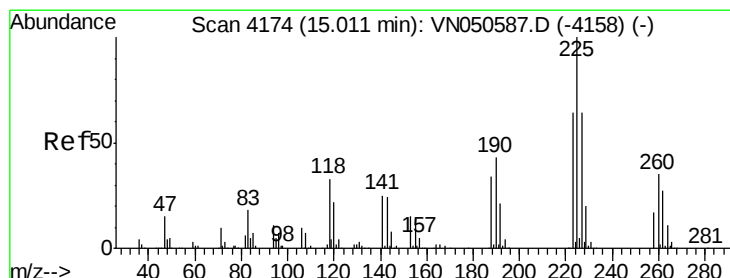
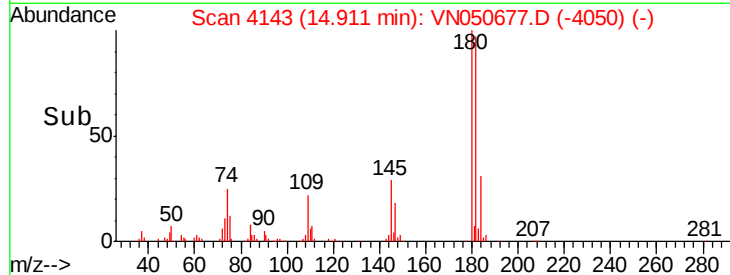
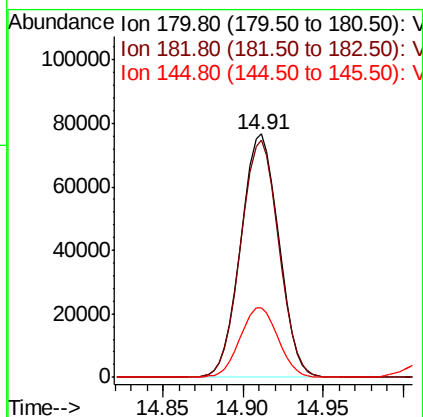
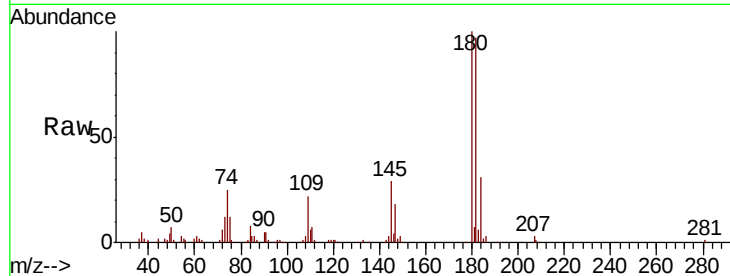




#93
 1,2,4-Trichlorobenzene
 Concen: 18.72 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

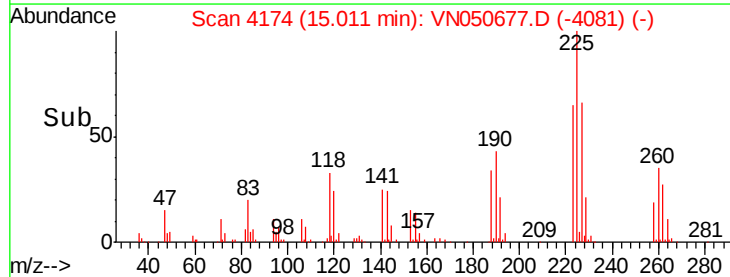
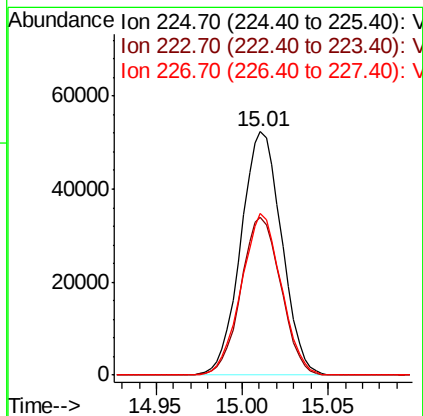
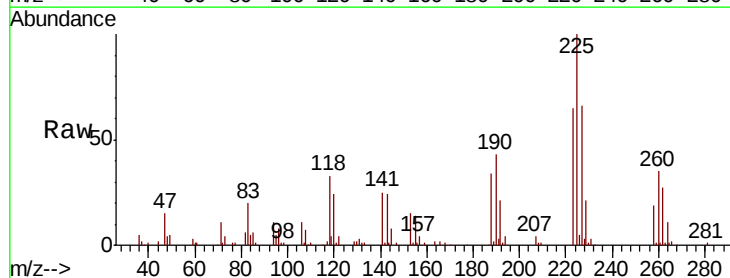
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD03

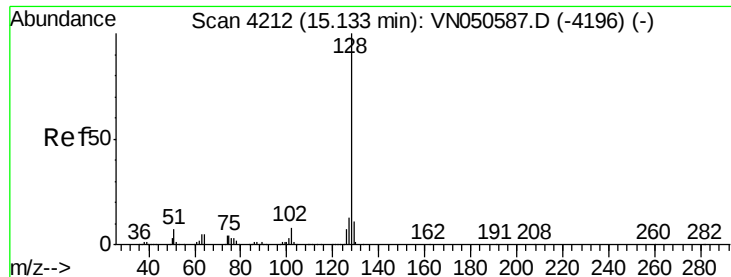
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.9	143.7
145	28.5	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 19.69 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050677.D
 Acq: 16 Aug 2018 1:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.1	96.3
227	64.7	32.0	96.2





#95

Naphthalene

Concen: 18.89 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD03

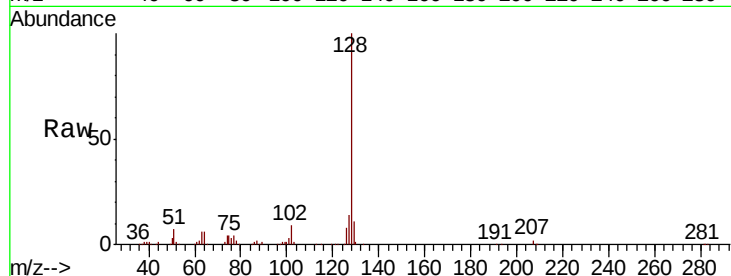
Tot Ion:128 Resp: 253580

Ion Ratio Lower Upper

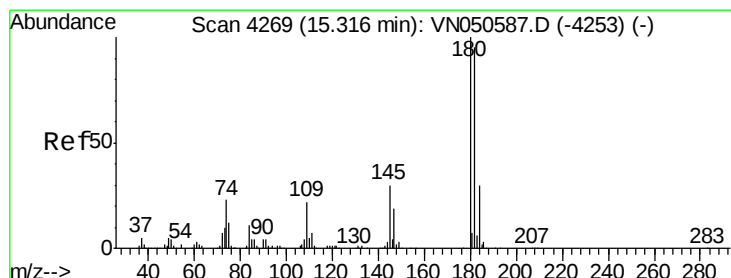
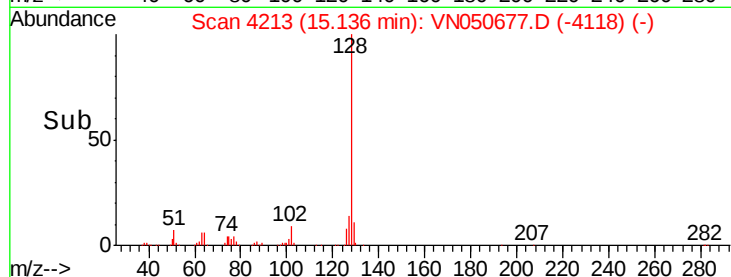
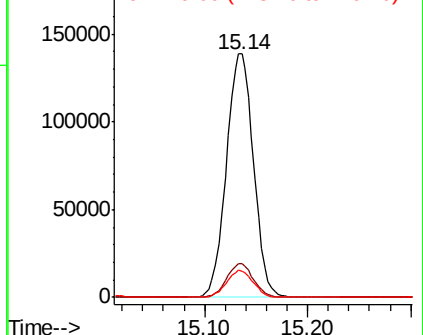
128 100

127 13.7 10.3 15.5

129 11.0 8.5 12.7



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: 20.02 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050677.D

Acq: 16 Aug 2018 1:32

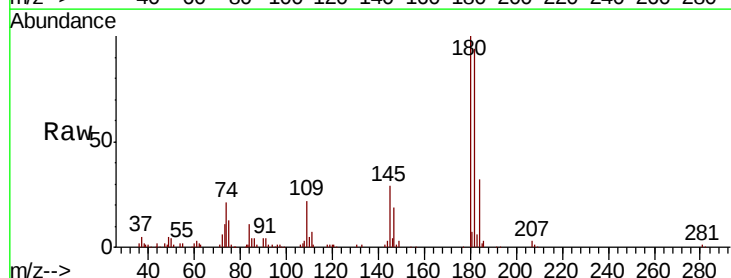
Tgt Ion:180 Resp: 128550

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.8

145 30.5 14.6 44.0



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

