

Data File : VN050692.D
Acq On : 16 Aug 2018 10:41
Operator : MD\SY
Sample : VN0816WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

Quant Time: Aug 17 03:00:07 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	631526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	901167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	823188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404312	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	395623	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	7.59	113	373429	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.09	98	1396326	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	439525	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	130558	18.338	ug/l	96
3) Chloromethane	2.06	50	167587	19.007	ug/l	100
4) Vinyl Chloride	2.18	62	171677	18.151	ug/l	99
5) Bromomethane	2.56	94	99246	18.195	ug/l	99
6) Chloroethane	2.70	64	106230	19.236	ug/l	99
7) Trichlorofluoromethane	3.01	101	228518	18.414	ug/l	98
8) Diethyl Ether	3.41	74	75101	18.193	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	145250	19.354	ug/l	99
10) Methyl Iodide	3.95	142	90127	21.495	ug/l	100
11) Tert butyl alcohol	4.79	59	41586	95.674	ug/l #	93
12) 1,1-Dichloroethene	3.73	96	124030	18.100	ug/l	99
13) Acrolein	3.61	56	11578	62.382	ug/l	99
14) Allyl chloride	4.32	41	196576	18.443	ug/l	98
15) Acrylonitrile	5.00	53	221676	92.858	ug/l	99
16) Acetone	3.82	43	200333	99.920	ug/l	97
17) Carbon Disulfide	4.05	76	386288	17.914	ug/l	99
18) Methyl Acetate	4.33	43	114523	19.884	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	324178	18.588	ug/l	98
20) Methylene Chloride	4.55	84	150531	19.109	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	136250	18.340	ug/l	99
22) Diisopropyl ether	5.96	45	430809	19.714	ug/l	98
23) Vinyl Acetate	5.90	43	1354143	94.724	ug/l	99
24) 1,1-Dichloroethane	5.85	63	260115	18.395	ug/l	99
25) 2-Butanone	6.84	43	313499	96.052	ug/l	98
26) 2,2-Dichloropropane	6.82	77	208562	22.035	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	154049	18.622	ug/l	99
28) Bromochloromethane	7.20	49	121401	18.865	ug/l	100
29) Tetrahydrofuran	7.22	42	161124	94.546	ug/l	99
30) Chloroform	7.37	83	262762	18.337	ug/l	98
31) Cyclohexane	7.65	56	230873	18.918	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	222125	18.416	ug/l	99
36) 1,1-Dichloropropene	7.79	75	197031	19.641	ug/l	99
37) Ethyl Acetate	6.93	43	112569	19.852	ug/l	99
38) Carbon Tetrachloride	7.77	117	201362	19.350	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	209305	20.153	ug/l	99
40) Benzene	8.04	78	599253	19.636	ug/l	100
41) Methacrylonitrile	7.18	41	60943	19.880	ug/l	98
42) 1,2-Dichloroethane	8.13	62	179841	19.227	ug/l	100
43) Isopropyl Acetate	8.17	43	199827	19.337	ug/l	99
44) Trichloroethene	8.84	130	157629	19.282	ug/l	99
45) 1,2-Dichloropropane	9.12	63	159360	19.614	ug/l	98
46) Dibromomethane	9.21	93	93773	19.547	ug/l	95
47) Bromodichloromethane	9.40	83	194346	18.953	ug/l	99
48) Methyl methacrylate	9.20	41	94288	18.133	ug/l	98
49) 1,4-Dioxane	9.20	88	25670	374.737	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	703507	100.660	ug/l	99
52) Toluene	10.16	92	369005	20.251	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	187045	19.584	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	222258	20.285	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	133977	19.681	ug/l	99
56) Ethyl methacrylate	10.43	69	148879	18.396	ug/l	99
57) 1,3-Dichloropropane	10.71	76	218732	19.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	368380	95.289	ug/l	100
59) 2-Hexanone	10.75	43	452724	100.365	ug/l	99
60) Dibromochloromethane	10.90	129	147042	19.572	ug/l	100
61) 1,2-Dibromoethane	11.01	107	127346	19.644	ug/l	98
64) Tetrachloroethene	10.63	164	146309	19.138	ug/l	98
65) Chlorobenzene	11.43	112	398166	19.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	149478	19.464	ug/l	99
67) Ethyl Benzene	11.51	91	653066	19.742	ug/l	99
68) m/p-Xylenes	11.62	106	515410	40.737	ug/l	100
69) o-Xylene	11.95	106	239482	19.851	ug/l	99
70) Styrene	11.97	104	387484	18.661	ug/l	100
71) Bromoform	12.13	173	100118	19.660	ug/l #	98
73) Isopropylbenzene	12.25	105	648892	20.542	ug/l	99
74) N-amyl acetate	12.07	43	153912	18.728	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	164000	21.014	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	187086	28.192	ug/l #	100
77) Bromobenzene	12.53	156	163866	19.107	ug/l	98
78) n-propylbenzene	12.59	91	736109	20.897	ug/l	98
79) 2-Chlorotoluene	12.67	91	445720	20.296	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	534945	21.151	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35463	19.500	ug/l	94
82) 4-Chlorotoluene	12.77	91	443919	20.455	ug/l	100
83) tert-Butylbenzene	12.99	119	440358	20.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	544622	21.454	ug/l	99
85) sec-Butylbenzene	13.17	105	600247	20.921	ug/l	100
86) p-Isopropyltoluene	13.29	119	515136	21.190	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	284078	19.457	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	277508	19.151	ug/l	99
89) n-Butylbenzene	13.62	91	389521	19.842	ug/l	98
90) Hexachloroethane	13.88	117	94461	19.323	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	280284	19.677	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22352	19.832	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081618\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

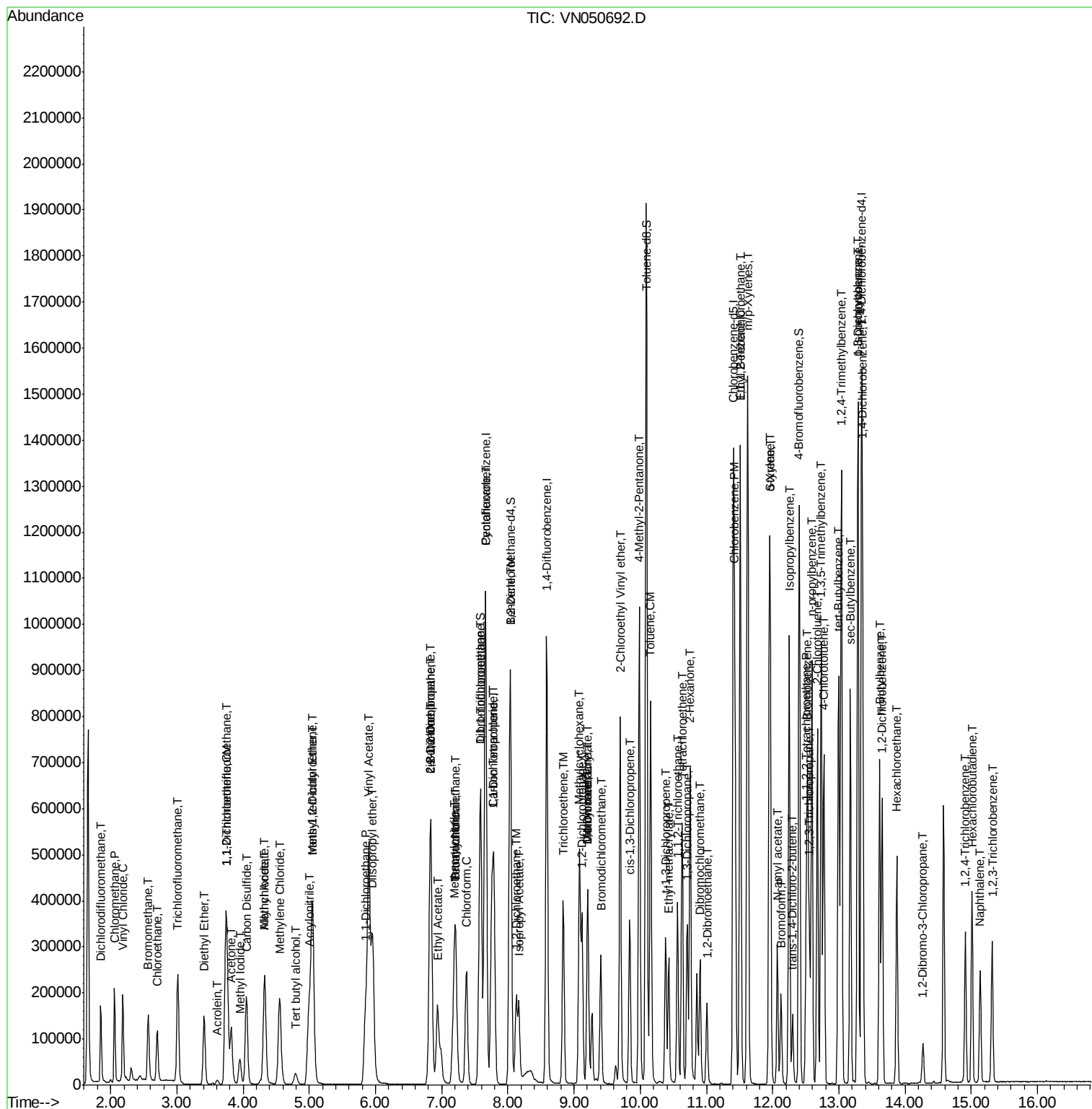
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	116032	17.698	ug/l	99
94) Hexachlorobutadiene	15.01	225	87489	20.033	ug/l	99
95) Naphthalene	15.14	128	213804	16.547	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	114819	18.102	ug/l	97

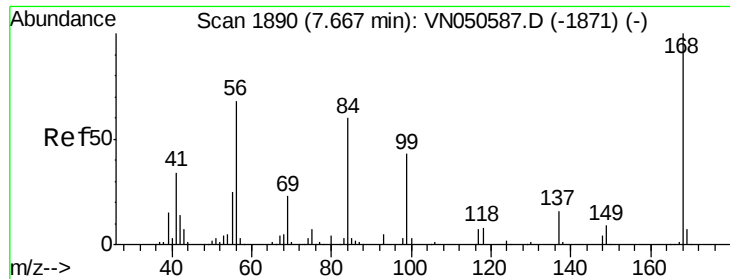
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

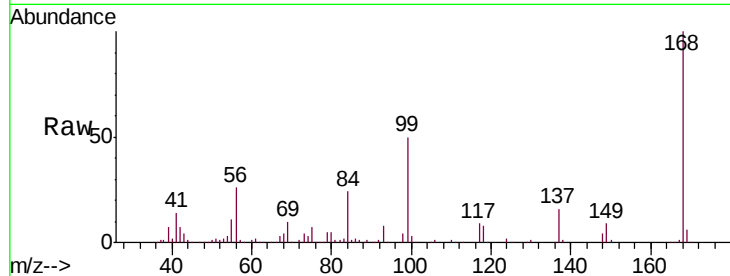
VN0816WBS01

Tgt Ion:168 Resp: 631526

Ion Ratio Lower Upper

168 100

99 49.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

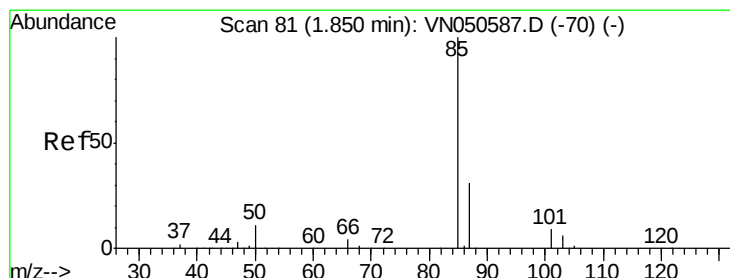
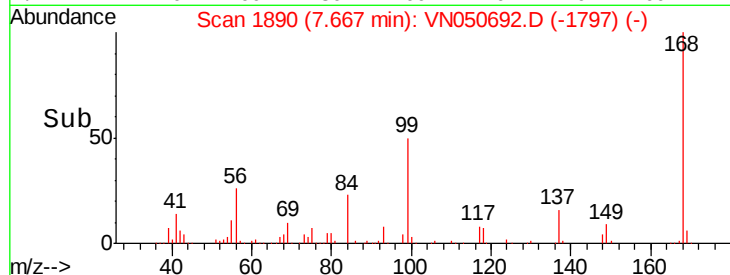
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.338 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050692.D

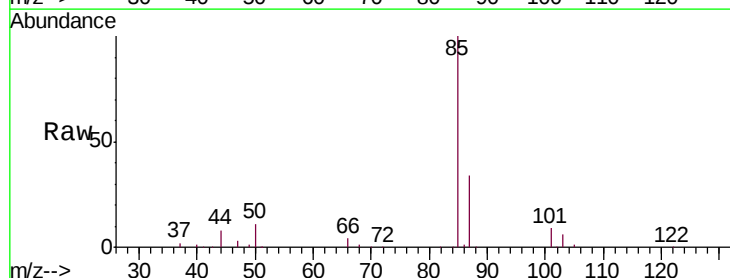
Acq: 16 Aug 2018 10:41

Tgt Ion: 85 Resp: 130558

Ion Ratio Lower Upper

85 100

87 33.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

60000

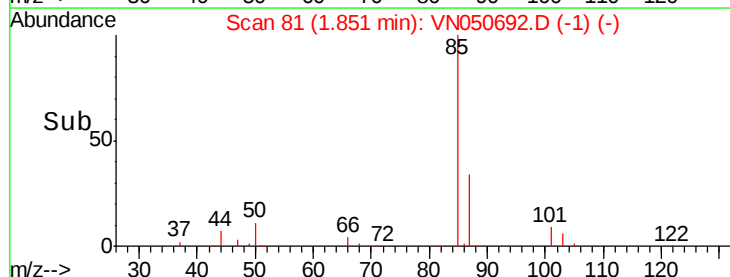
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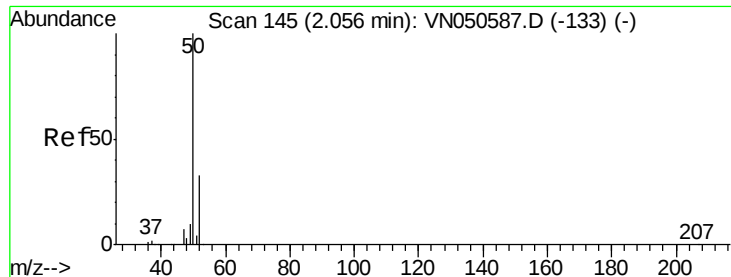
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.007 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampled :

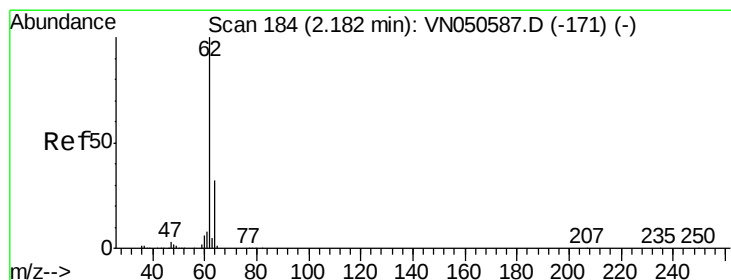
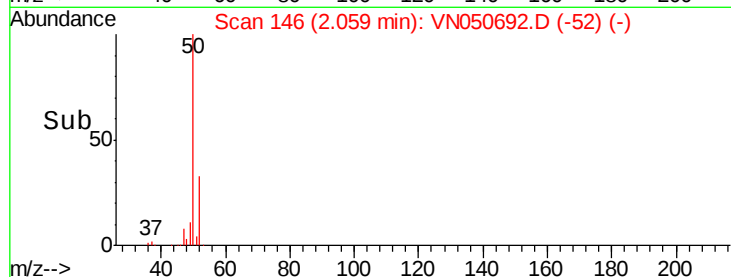
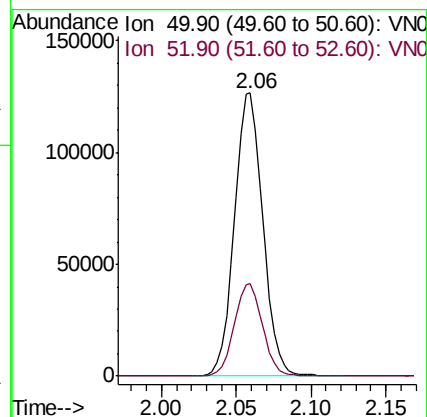
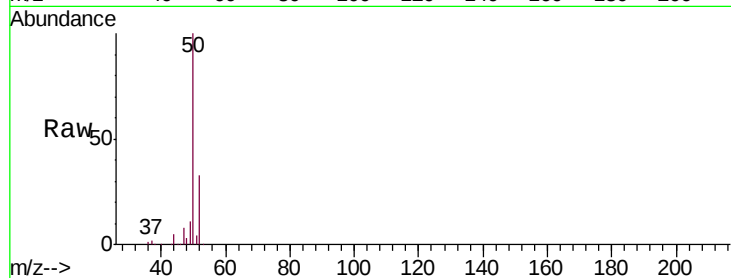
VN0816WBS01

Tgt Ion: 50 Resp: 167587

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 18.151 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN050692.D

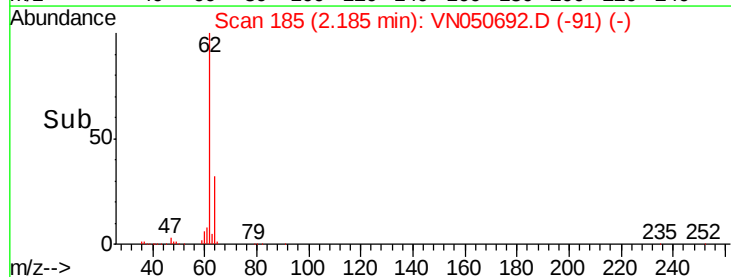
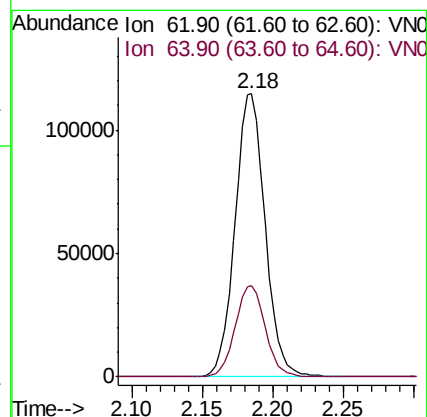
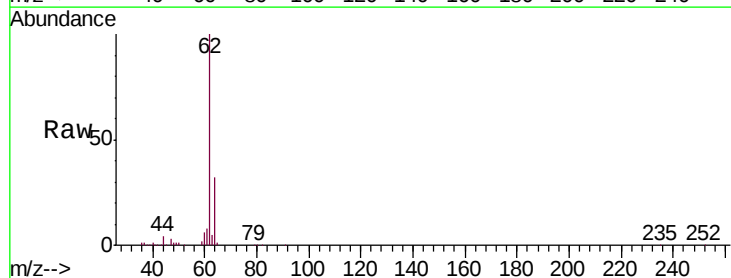
Acq: 16 Aug 2018 10:41

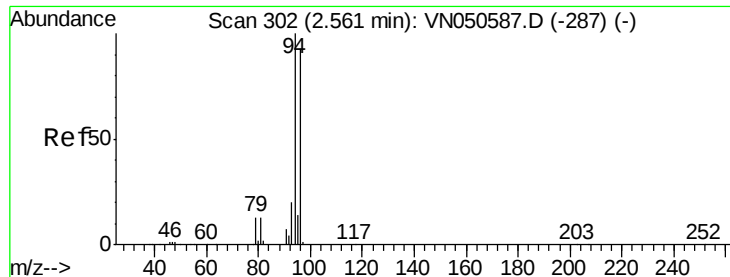
Tgt Ion: 62 Resp: 171677

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 18.195 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

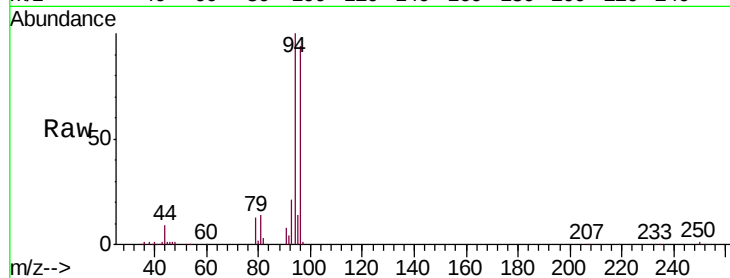
VN0816WBS01

Tgt Ion: 94 Resp: 99246

Ion Ratio Lower Upper

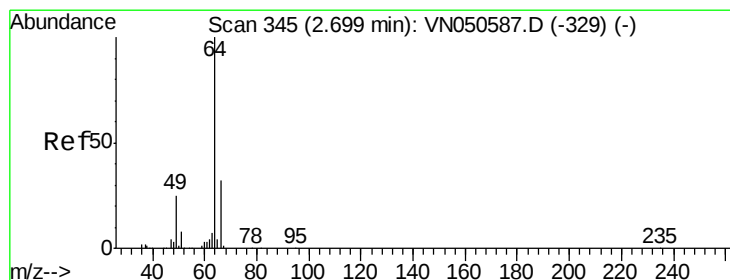
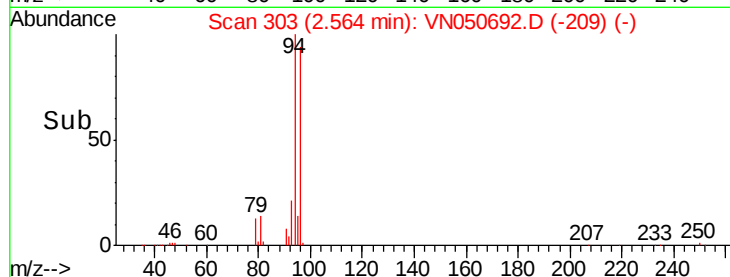
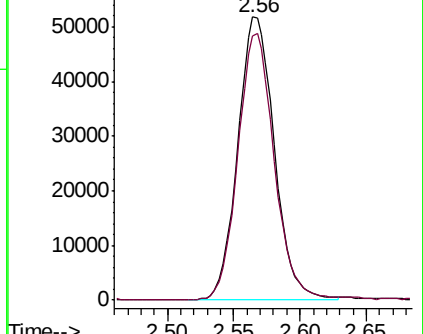
94 100

96 93.6 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: 19.236 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050692.D

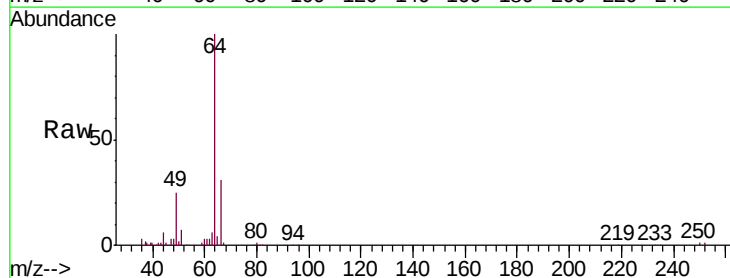
Acq: 16 Aug 2018 10:41

Tgt Ion: 64 Resp: 106230

Ion Ratio Lower Upper

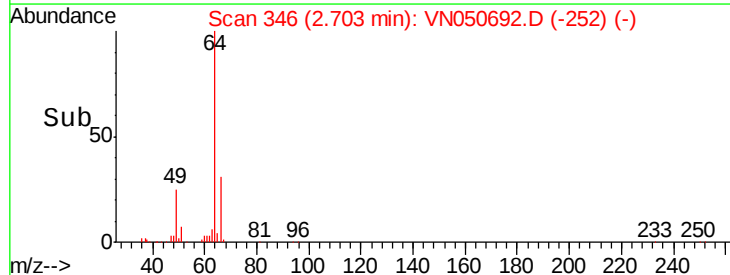
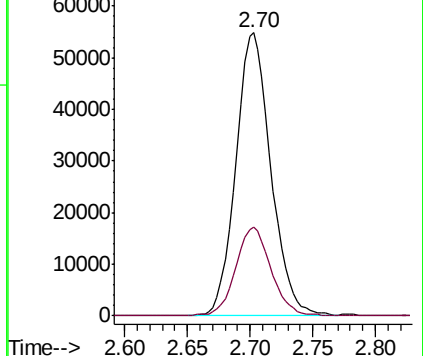
64 100

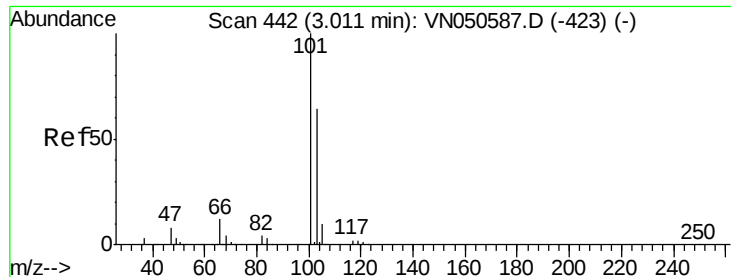
66 31.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



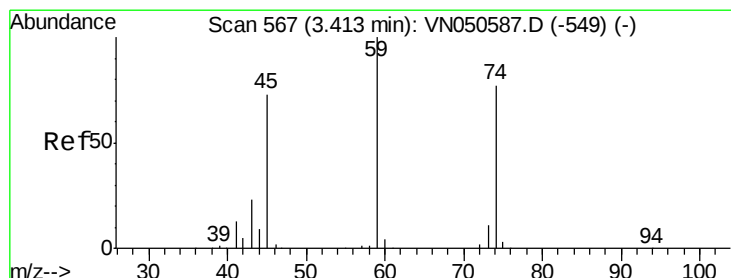
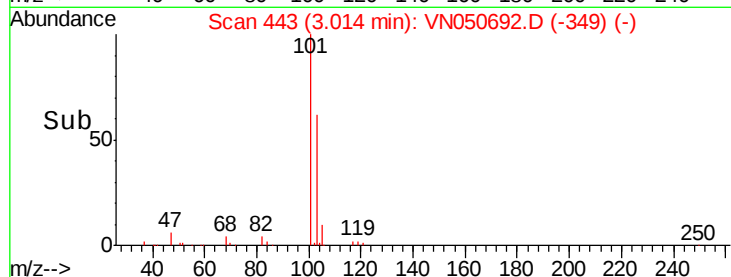
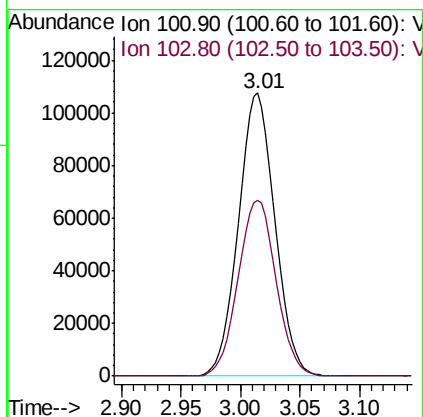
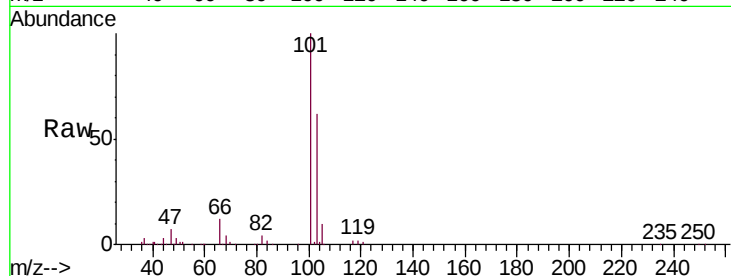


#7

Trichlorofluoromethane
 Concen: 18.414 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Instrument :
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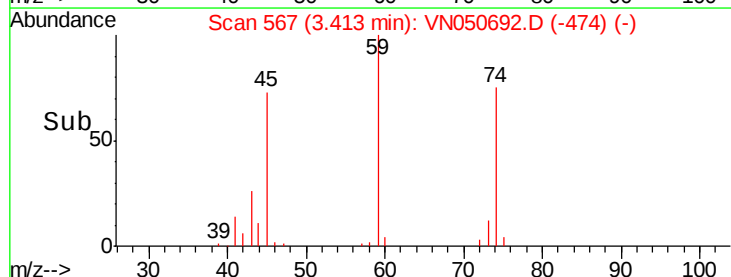
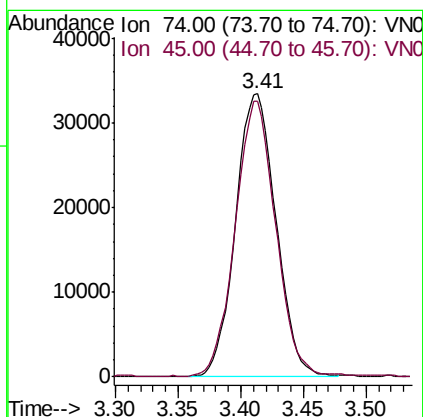
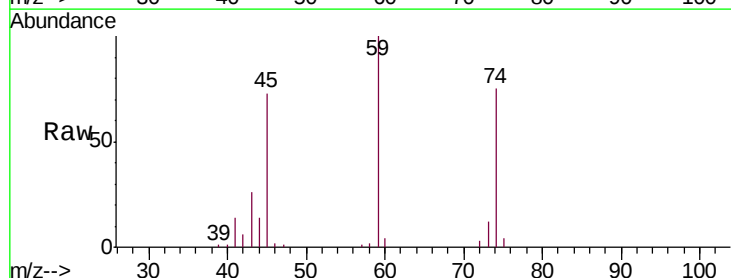
Tgt Ion: 101 Resp: 228518
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.4 77.0

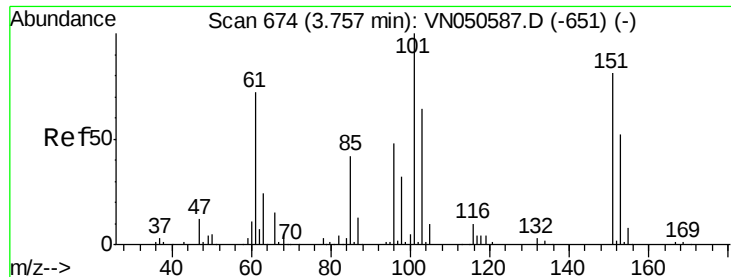


#8

Diethyl Ether
 Concen: 18.193 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion: 74 Resp: 75101
 Ion Ratio Lower Upper
 74 100
 45 97.8 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.354 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN050692.D

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Instrument :

MSVOA_N

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VN0816WBS01

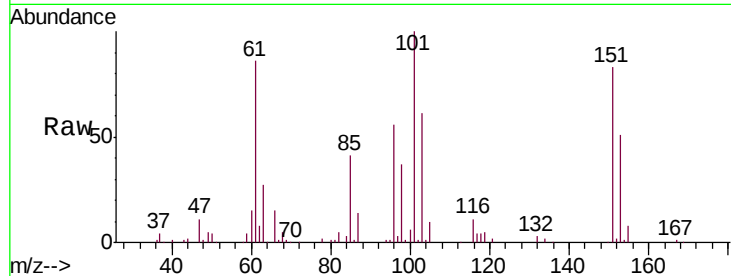
Tgt Ion:101 Resp: 145250

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.0

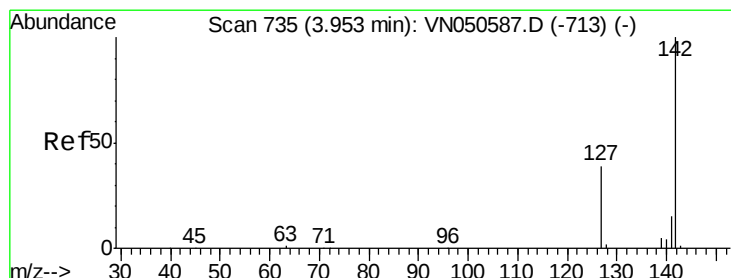
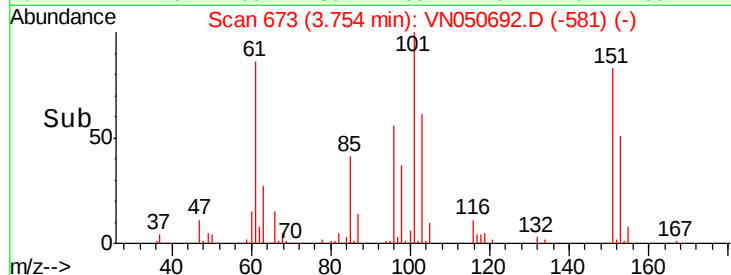
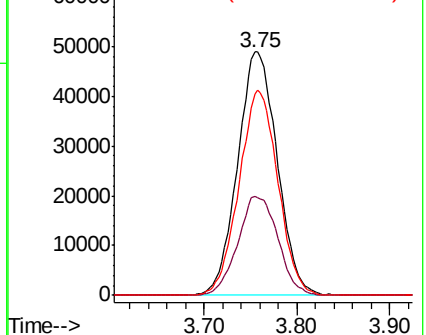
151 82.6 66.6 100.0



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: 21.495 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

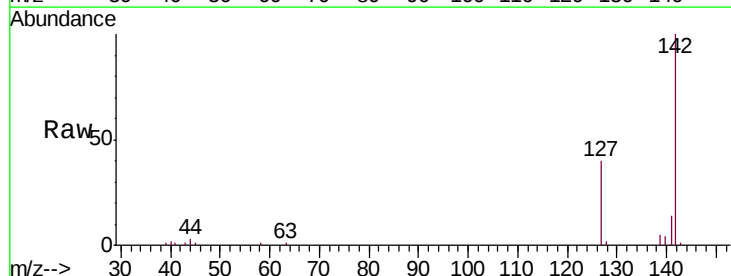
Tgt Ion:142 Resp: 90127

Ion Ratio Lower Upper

142 100

127 41.0 32.6 49.0

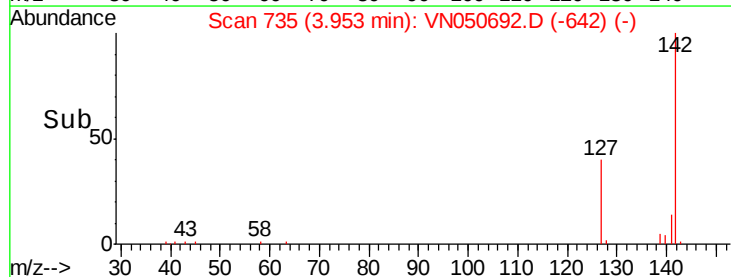
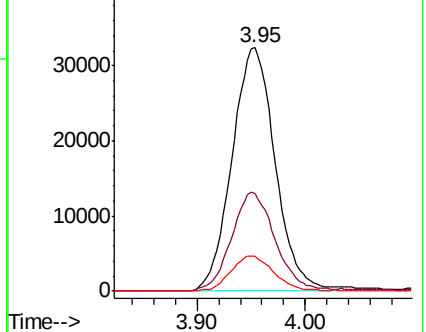
141 14.2 11.5 17.3

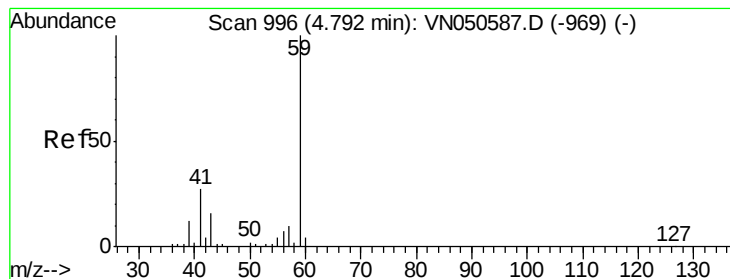


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.674 ug/l

RT: 4.79 min Scan# 996

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampled :

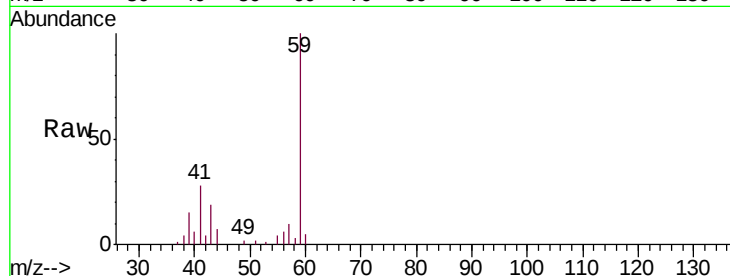
VN0816WBS01

Tgt Ion: 59 Resp: 41586

Ion Ratio Lower Upper

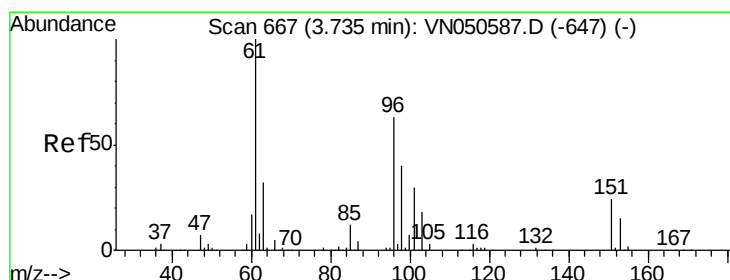
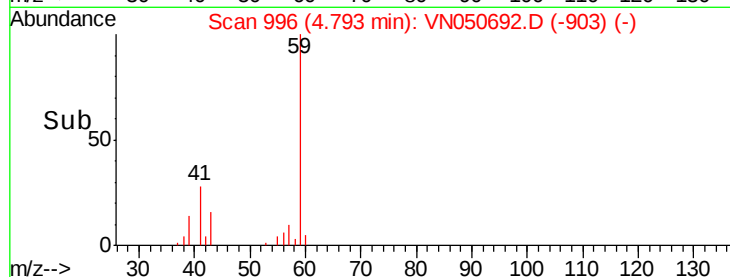
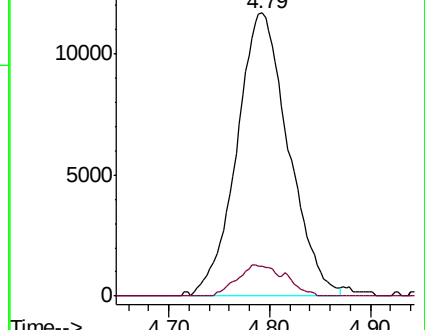
59 100

57 7.9 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN050587.D (-969) (-)

Ion 57.00 (56.70 to 57.70): VN050587.D (-969) (-)



#12

1,1-Dichloroethene

Concen: 18.100 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

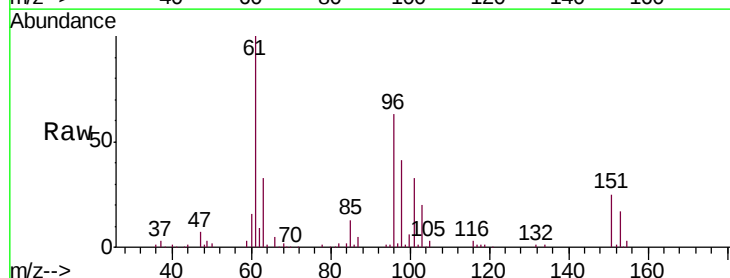
Tgt Ion: 96 Resp: 124030

Ion Ratio Lower Upper

96 100

61 157.8 126.9 190.3

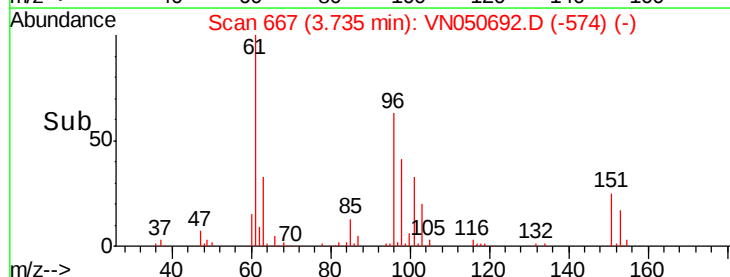
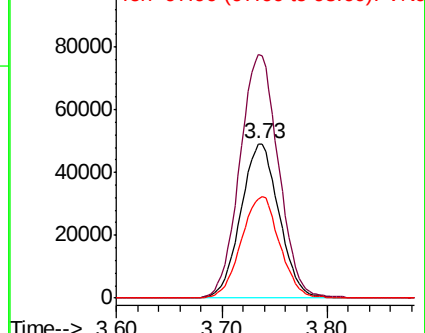
98 64.6 51.1 76.7

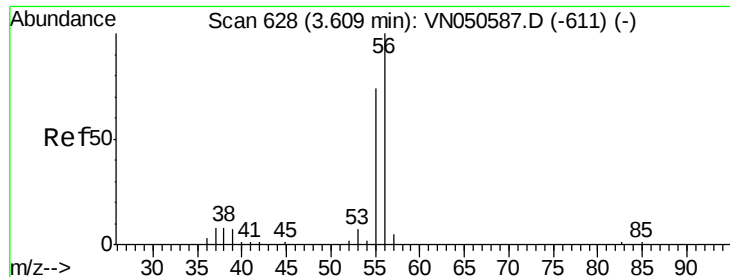


Abundance Ion 95.90 (95.60 to 96.60): VN050587.D (-647) (-)

Ion 60.90 (60.60 to 61.60): VN050587.D (-647) (-)

Ion 97.90 (97.60 to 98.60): VN050587.D (-647) (-)





#13

Acrolein

Concen: 62.382 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

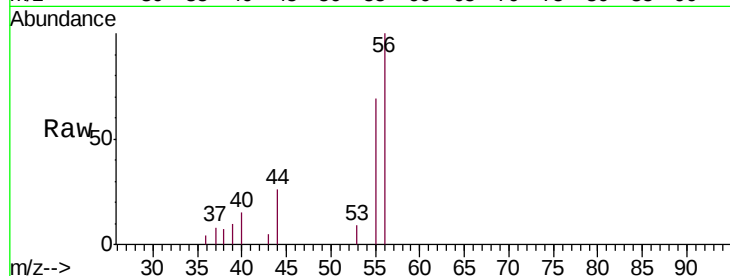
VN0816WBS01

Tgt Ion: 56 Resp: 11578

Ion Ratio Lower Upper

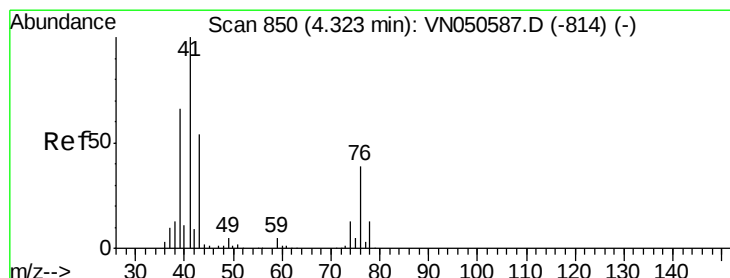
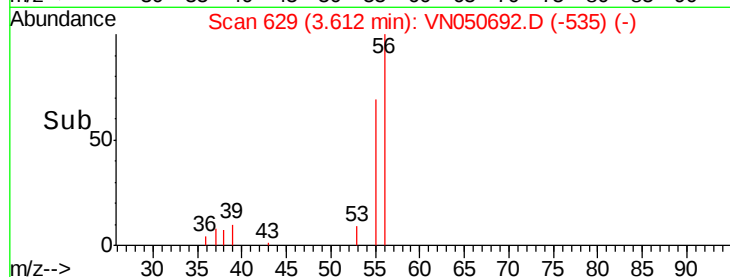
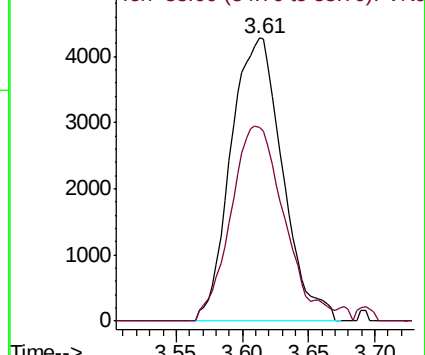
56 100

55 71.4 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.443 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

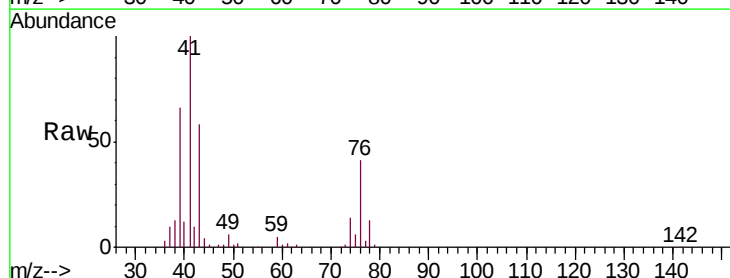
Tgt Ion: 41 Resp: 196576

Ion Ratio Lower Upper

41 100

39 63.0 51.4 77.0

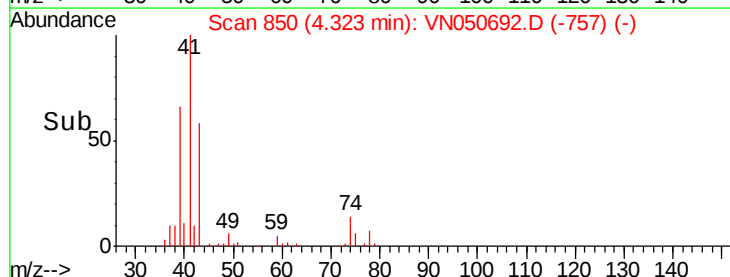
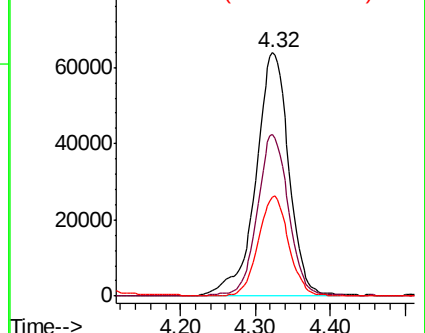
76 37.7 29.4 44.0

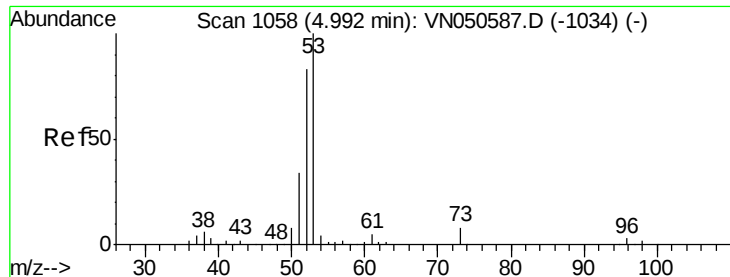


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 92.858 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

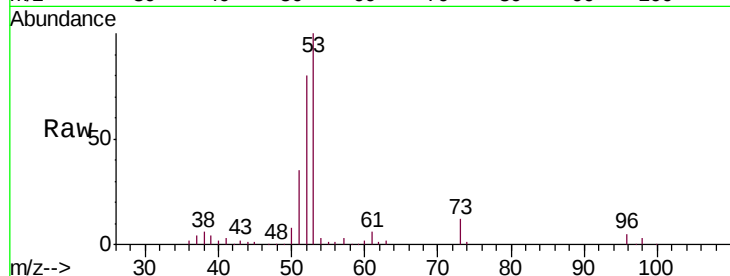
Tgt Ion: 53 Resp: 221676

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

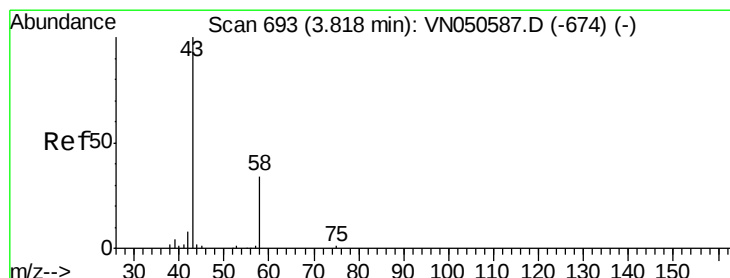
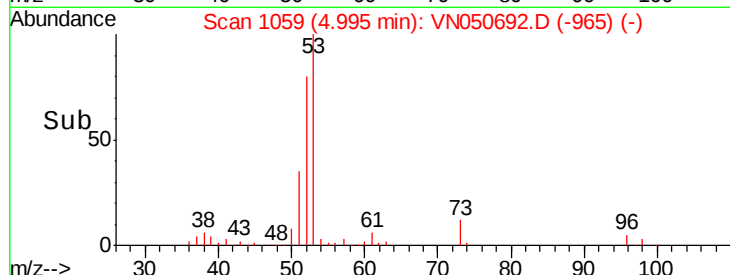
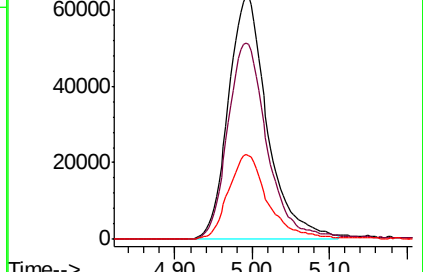
51 35.7 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN050587.D (-1034) (-)

Ion 52.00 (51.70 to 52.70): VN050587.D (-1034) (-)

Ion 51.00 (50.70 to 51.70): VN050587.D (-1034) (-)



#16

Acetone

Concen: 99.920 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050692.D

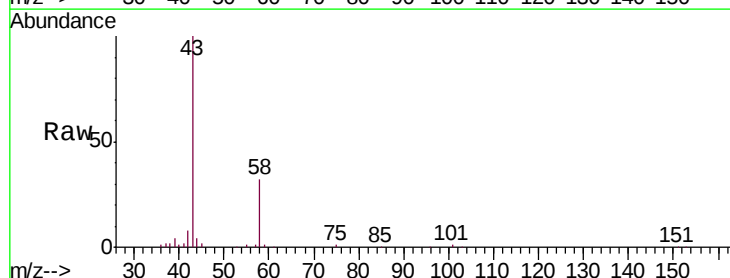
Acq: 16 Aug 2018 10:41

Tgt Ion: 43 Resp: 200333

Ion Ratio Lower Upper

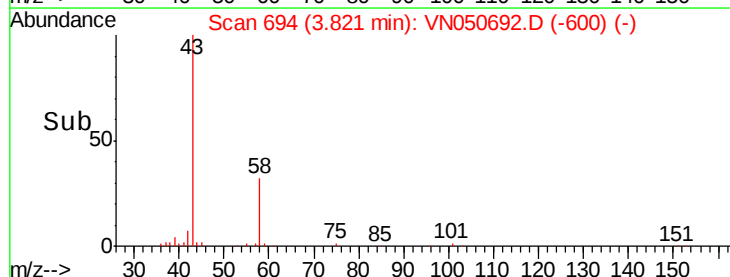
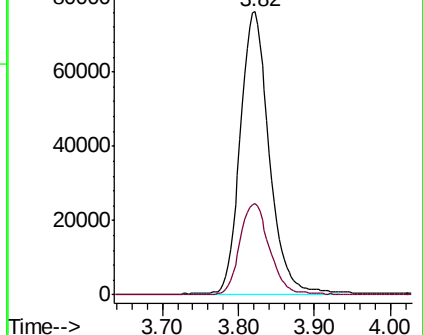
43 100

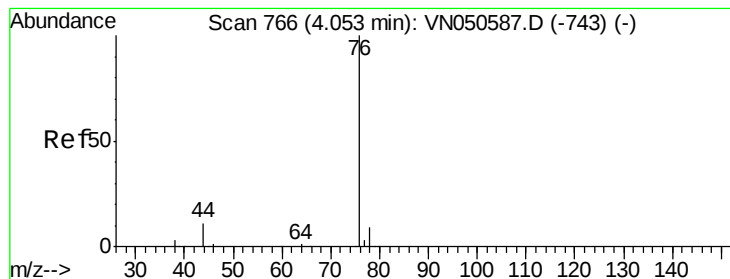
58 32.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)





#17

Carbon Disulfide

Concen: 17.914 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

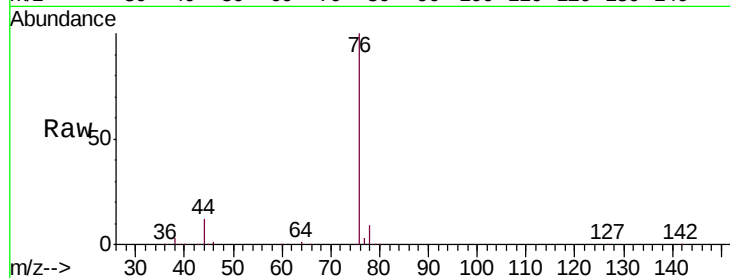
VN0816WBS01

Tgt Ion: 76 Resp: 386288

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

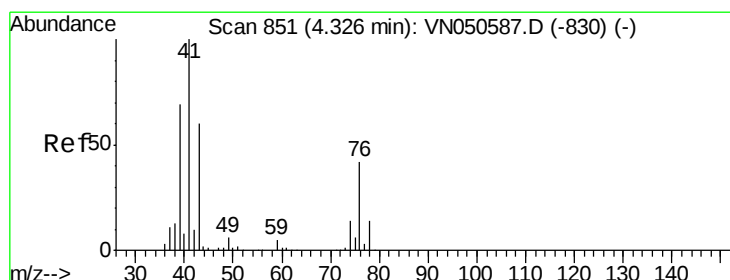
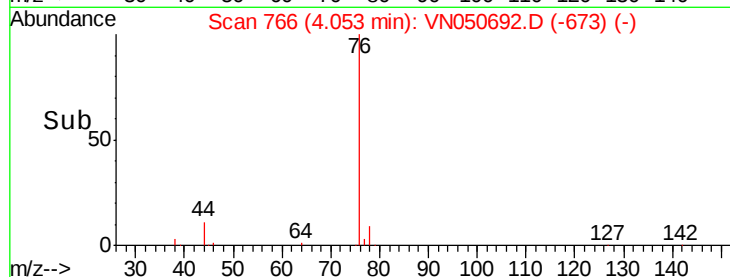
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.884 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050692.D

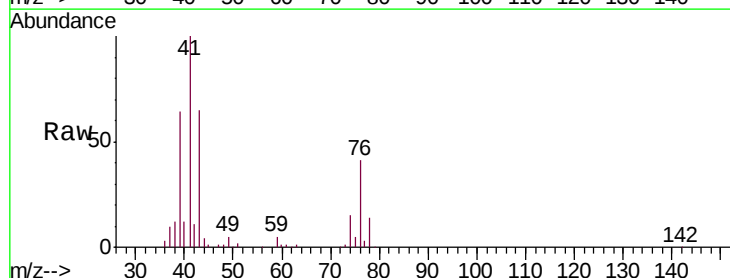
Acq: 16 Aug 2018 10:41

Tgt Ion: 43 Resp: 114523

Ion Ratio Lower Upper

43 100

74 23.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

40000

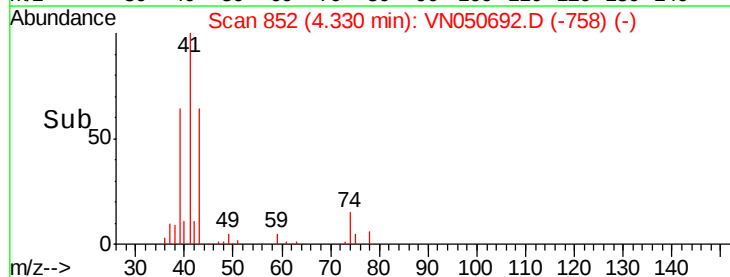
30000

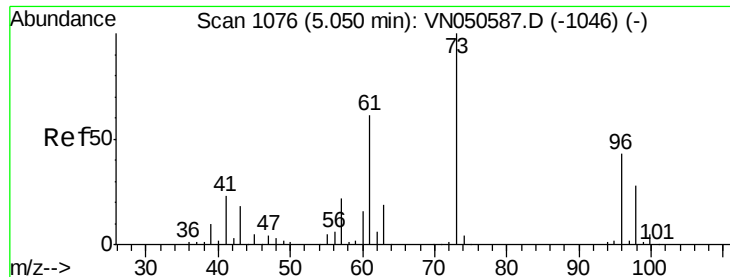
20000

10000

0

Time-->

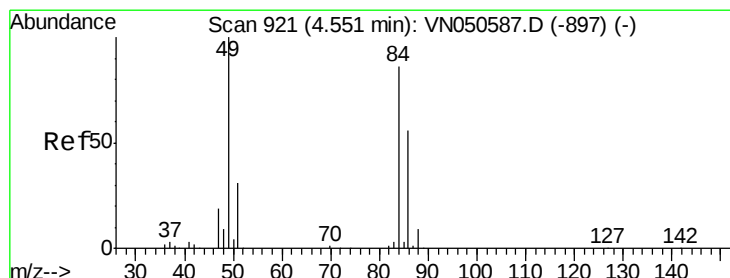
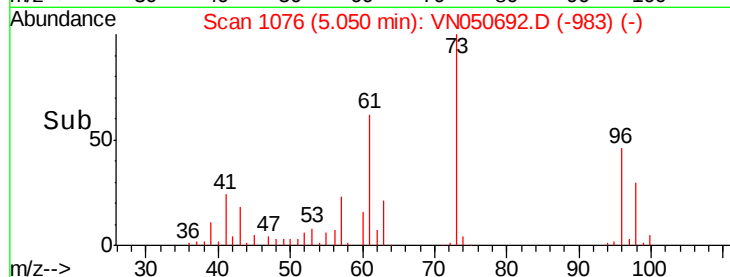
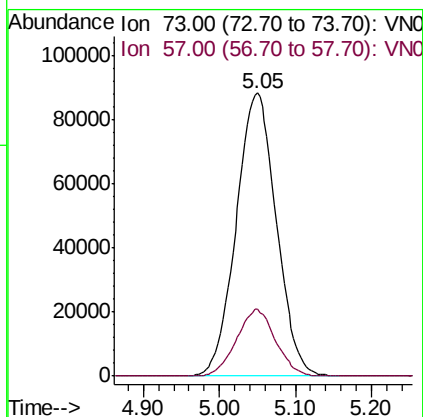
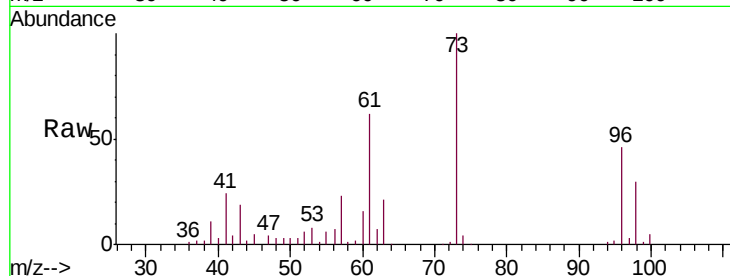




#19
Methyl tert-butyl Ether
Concen: 18.588 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

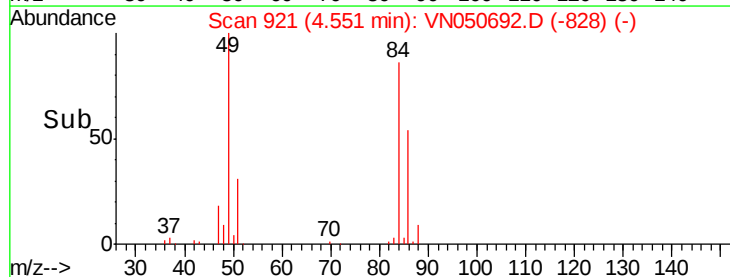
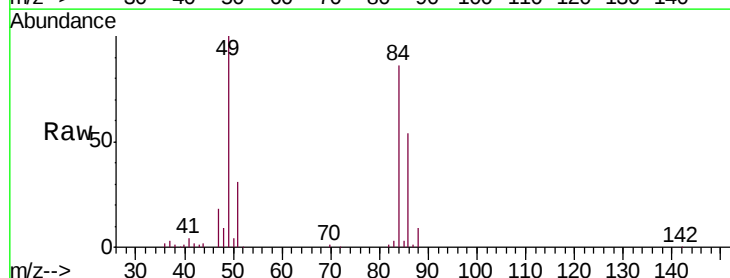
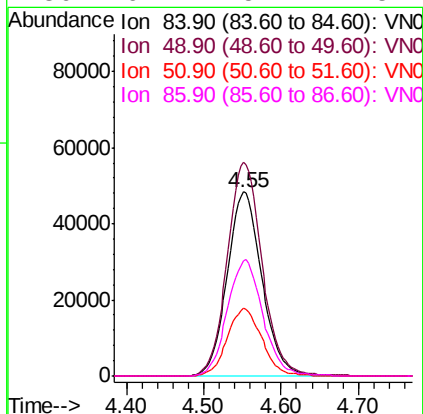
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

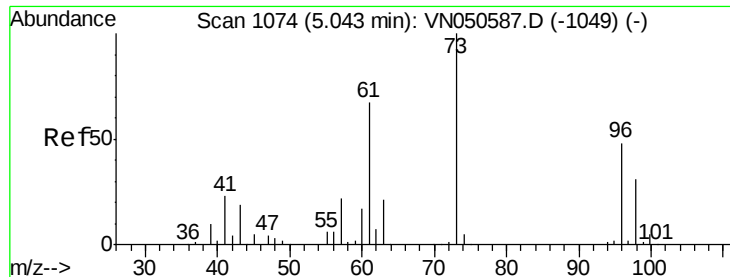
Tgt Ion: 73 Resp: 324178
Ion Ratio Lower Upper
73 100
57 23.5 17.9 26.9



#20
Methylene Chloride
Concen: 19.109 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion: 84 Resp: 150531
Ion Ratio Lower Upper
84 100
49 116.1 92.6 138.8
51 36.6 28.6 43.0
86 62.4 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.340 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

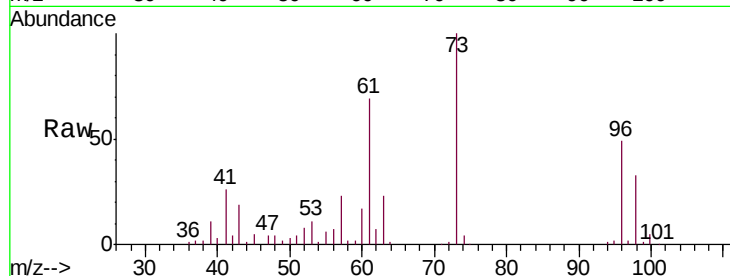
Tgt Ion: 96 Resp: 136250

Ion Ratio Lower Upper

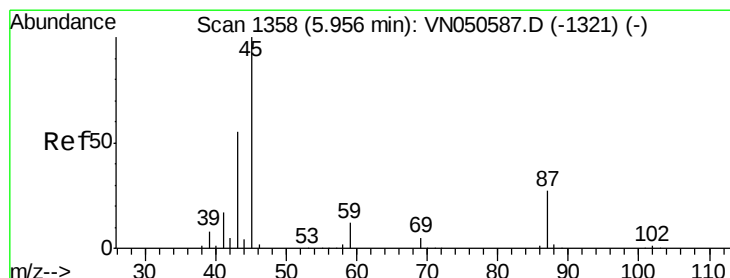
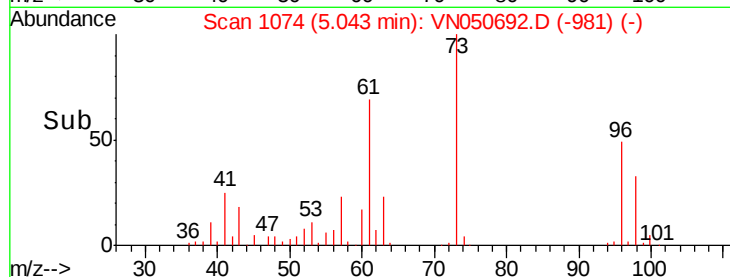
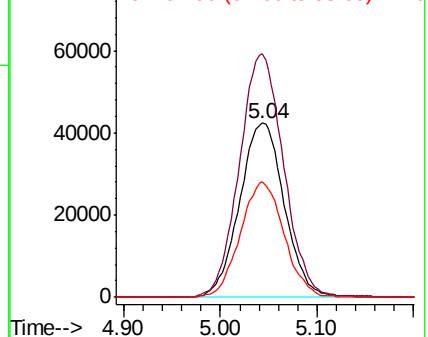
96 100

61 140.0 111.2 166.8

98 66.5 51.6 77.4



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



#22

Diisopropyl ether

Concen: 19.714 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Tgt Ion: 45 Resp: 430809

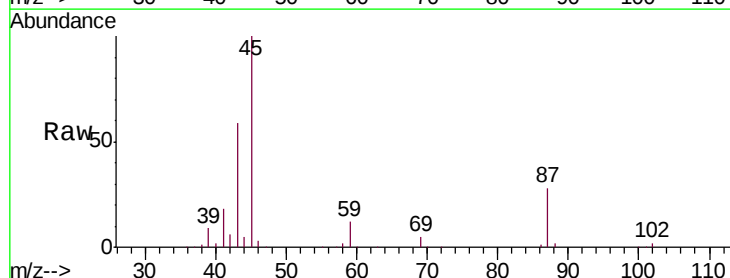
Ion Ratio Lower Upper

45 100

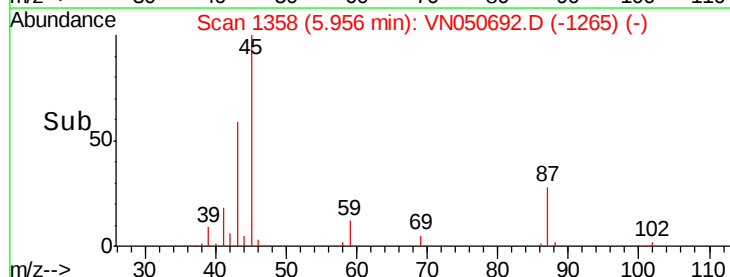
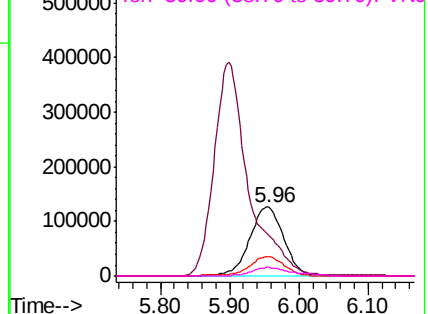
43 57.6 44.5 66.7

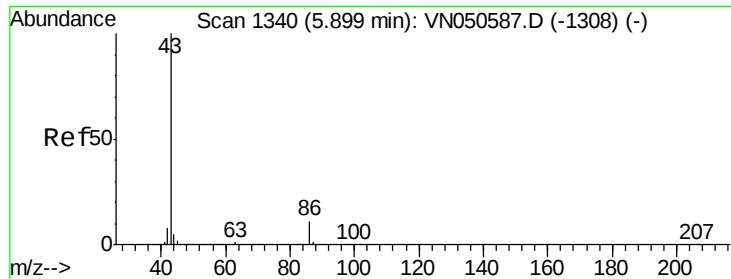
87 27.9 22.2 33.2

59 12.1 9.5 14.3



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





#23

Vinyl Acetate

Concen: 94.724 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

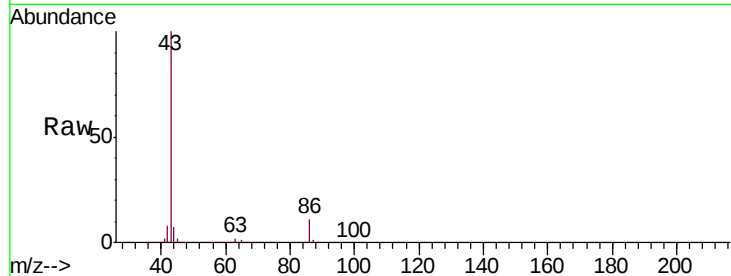
VN0816WBS01

Tgt Ion: 43 Resp: 1354143

Ion Ratio Lower Upper

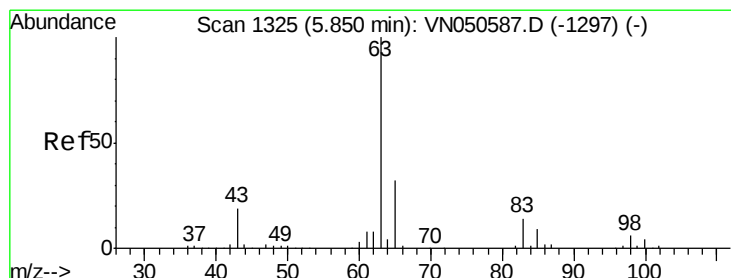
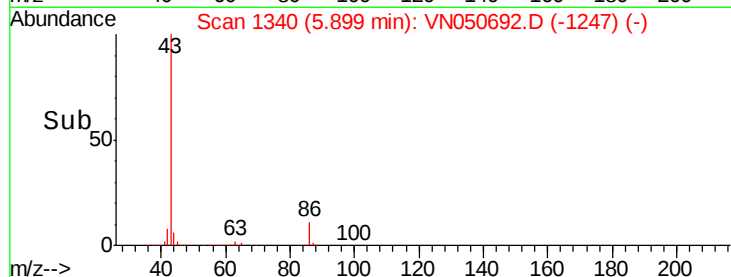
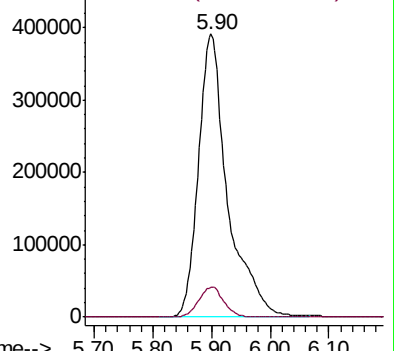
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.395 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

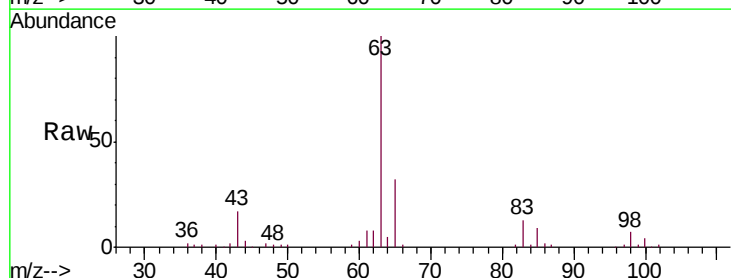
Tgt Ion: 63 Resp: 260115

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

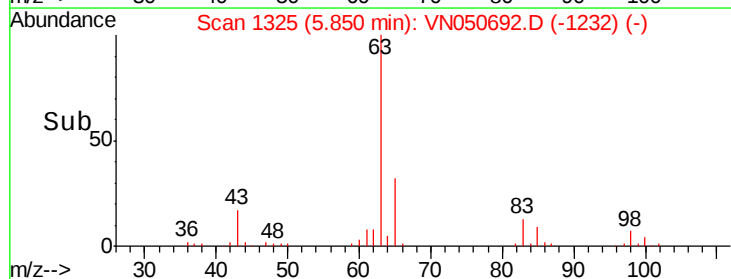
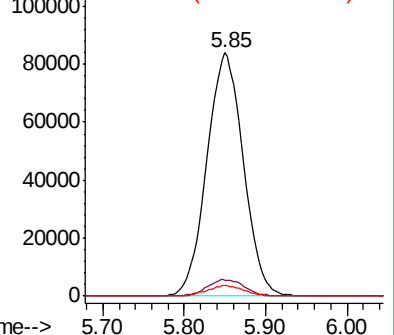
100 4.4 2.1 6.5

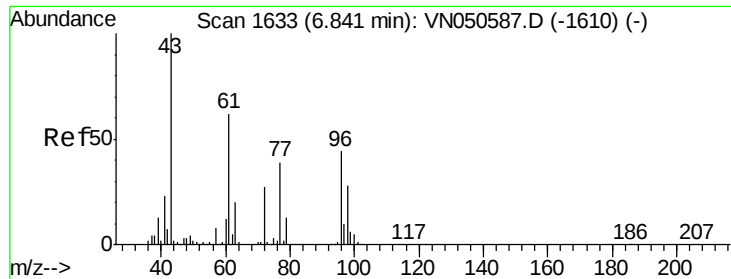


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

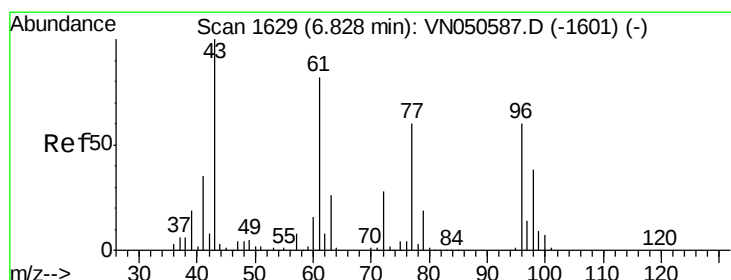
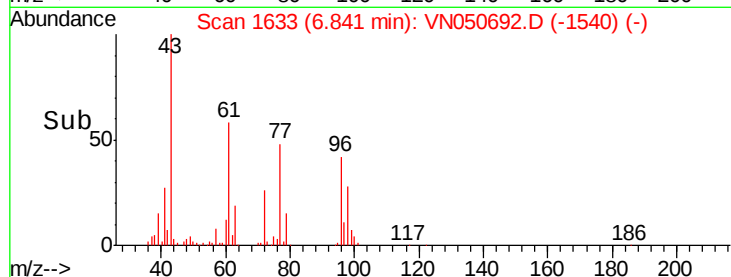
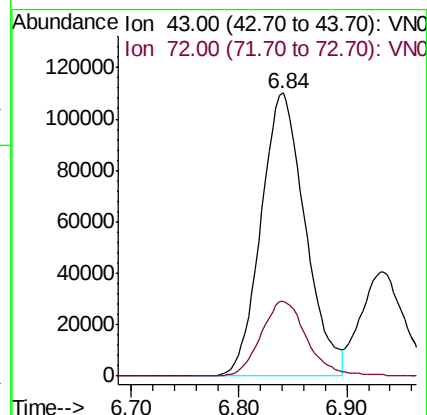
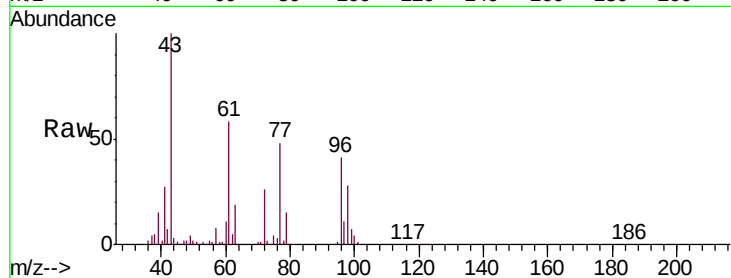




#25
2-Butanone
Concen: 96.052 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

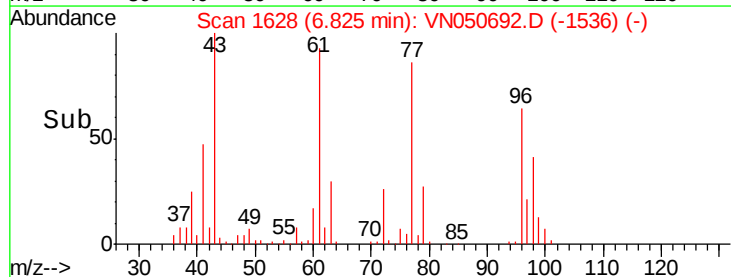
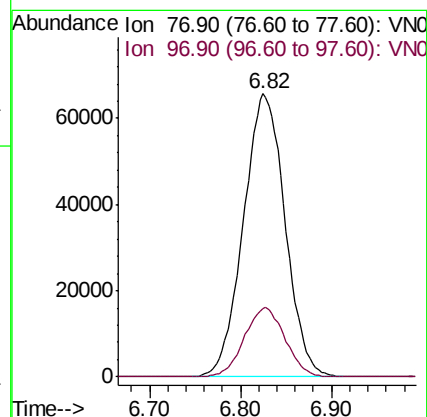
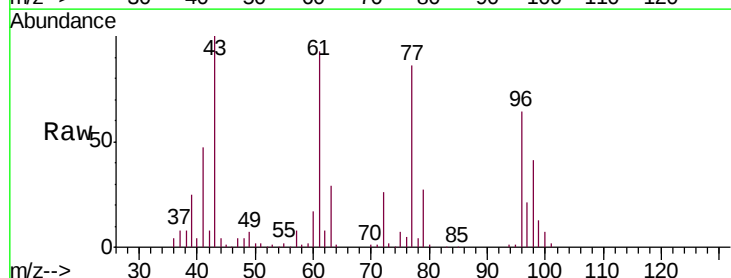
Instrument :
MSVOA_N
ClientSampled :
VN0816WBS01

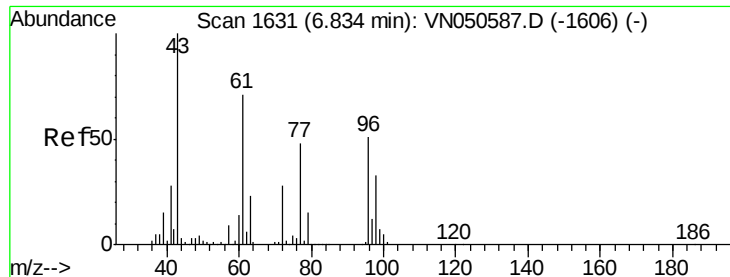
Tgt Ion: 43 Resp: 313499
Ion Ratio Lower Upper
43 100
72 26.4 21.8 32.6



#26
2,2-Dichloropropane
Concen: 22.035 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion: 77 Resp: 208562
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 18.622 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

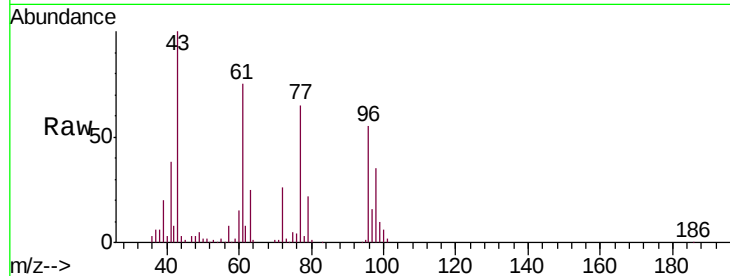
Tgt Ion: 96 Resp: 154049

Ion Ratio Lower Upper

96 100

61 141.2 0.0 278.2

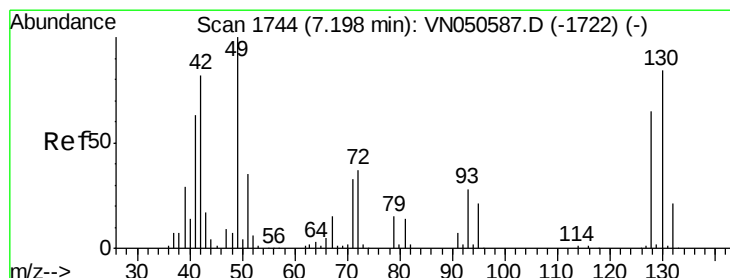
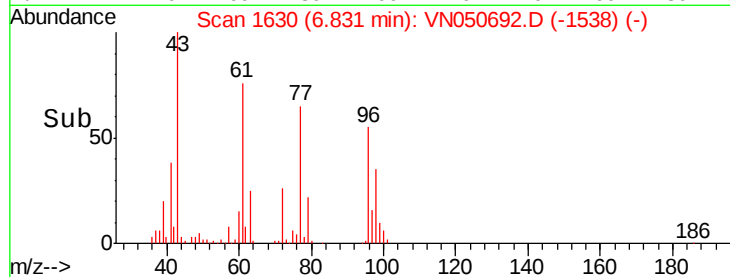
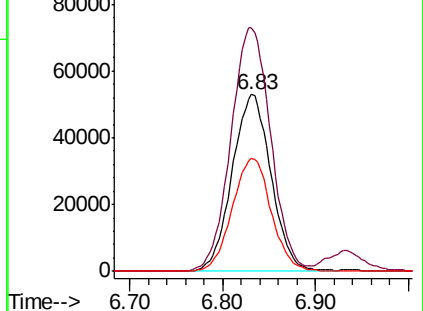
98 64.0 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.865 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

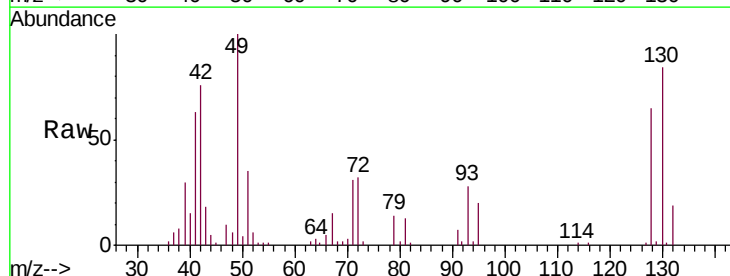
Tgt Ion: 49 Resp: 121401

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

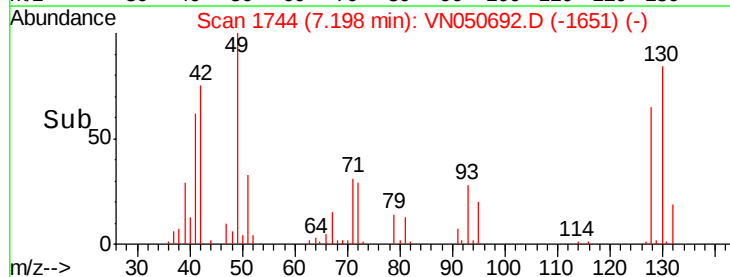
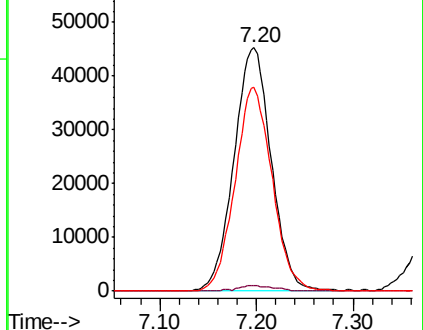
130 83.4 66.8 100.2

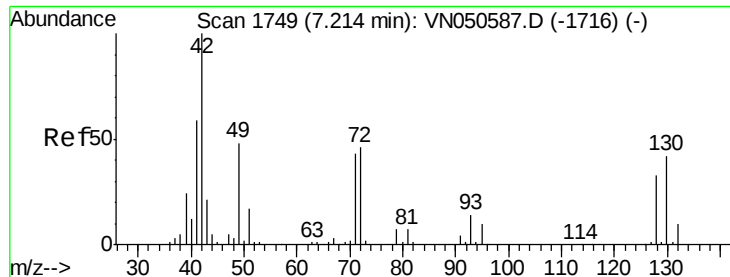


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.546 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

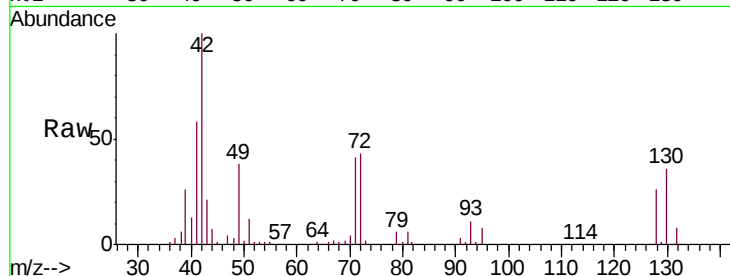
Tgt Ion: 42 Resp: 161124

Ion Ratio Lower Upper

42 100

72 43.6 35.8 53.6

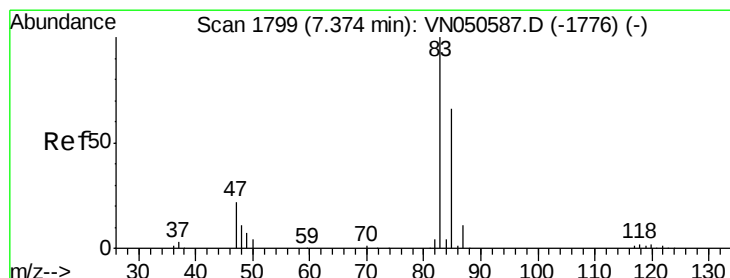
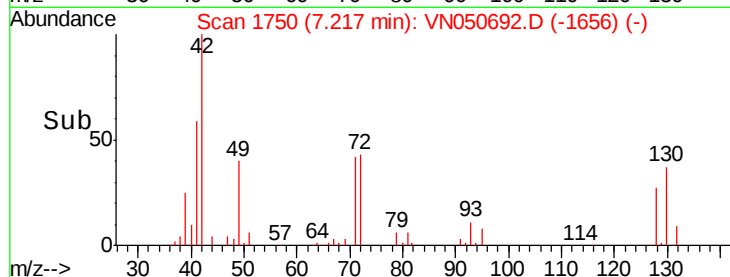
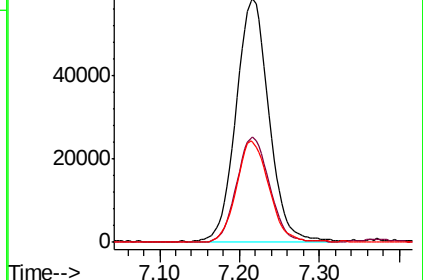
71 41.3 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN050587.D (-1716) (-)

Ion 72.00 (71.70 to 72.70): VN050587.D (-1716) (-)

Ion 71.00 (70.70 to 71.70): VN050587.D (-1716) (-)



#30

Chloroform

Concen: 18.337 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN050692.D

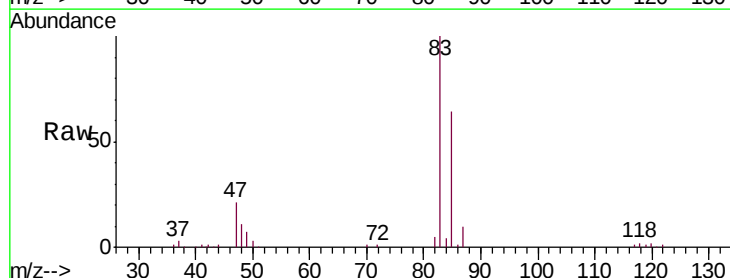
Acq: 16 Aug 2018 10:41

Tgt Ion: 83 Resp: 262762

Ion Ratio Lower Upper

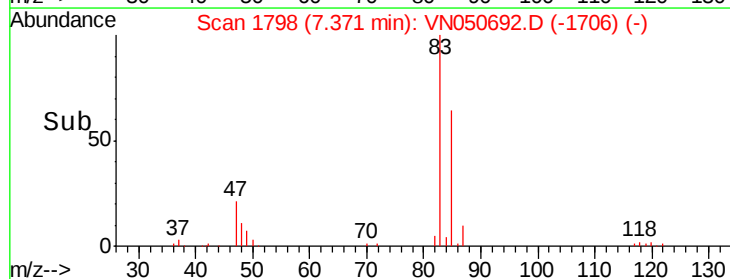
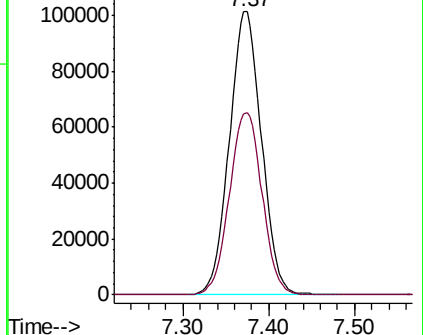
83 100

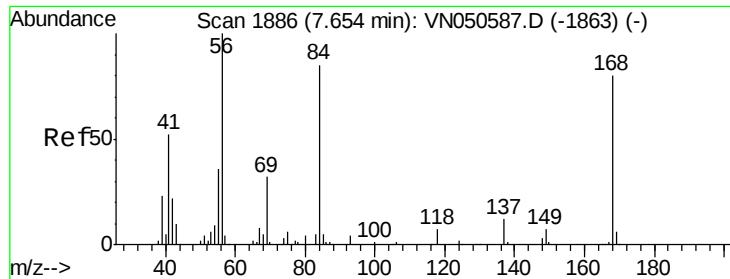
85 63.9 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-1776) (-)

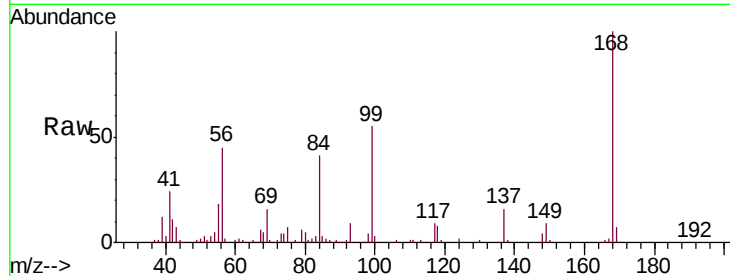




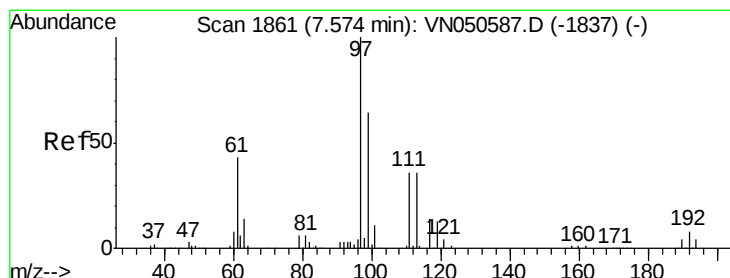
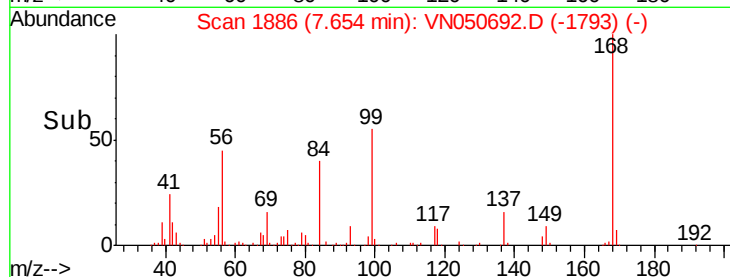
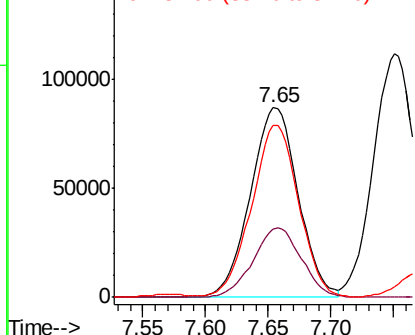
#31
Cyclohexane
Concen: 18.918 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Instrument :
MSVOA_N
ClientSampled :
VN0816WBS01

Tgt Ion: 56 Resp: 230873
Ion Ratio Lower Upper
56 100
69 36.1 25.8 38.6
84 89.9 67.8 101.6

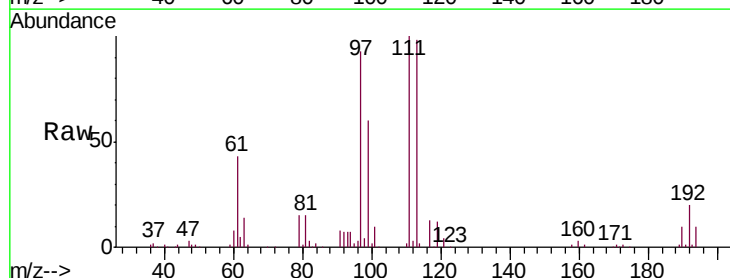


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

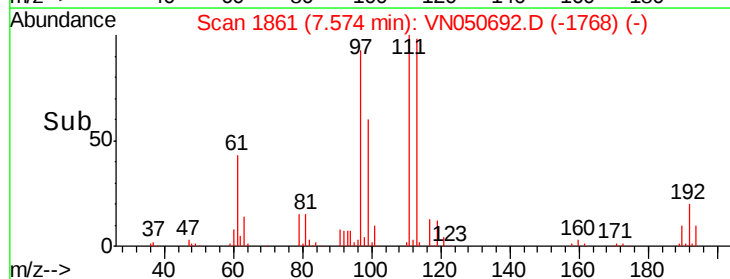
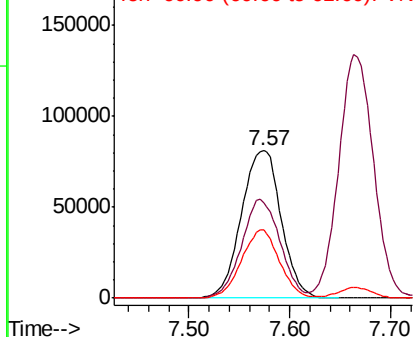


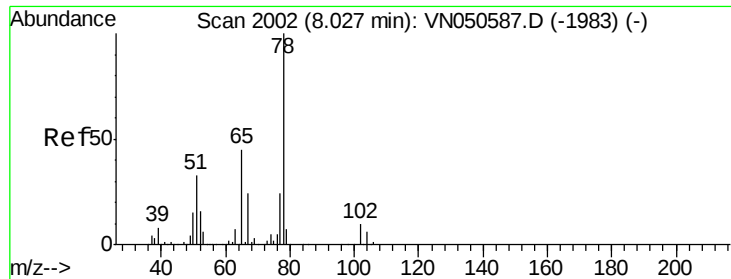
#32
1,1,1-Trichloroethane
Concen: 18.416 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion: 97 Resp: 222125
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 43.7 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

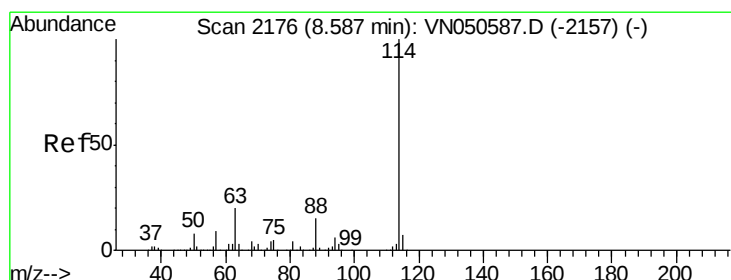
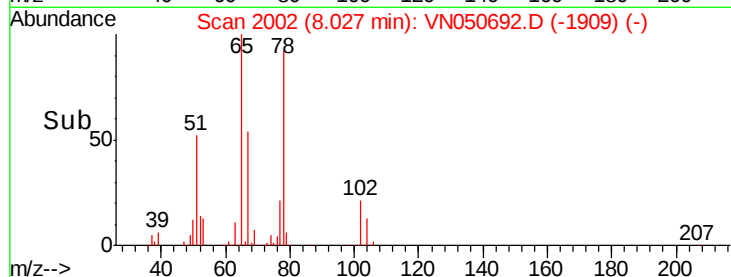
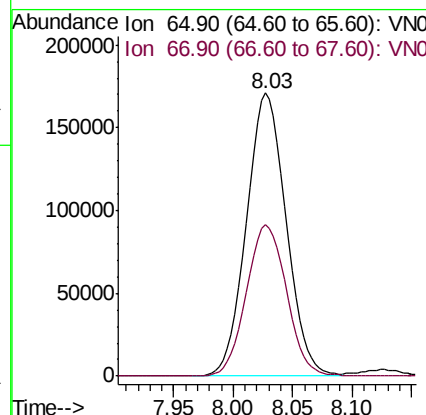
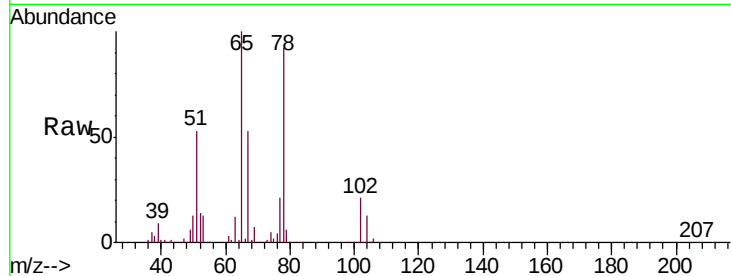




#33
 1,2-Dichloroethane-d4
 Concen: 49.699 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

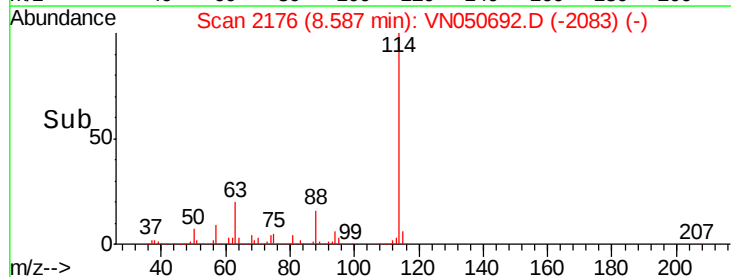
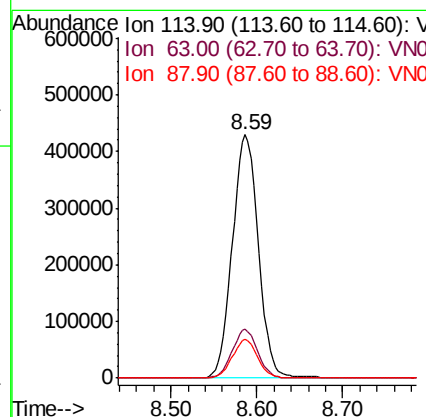
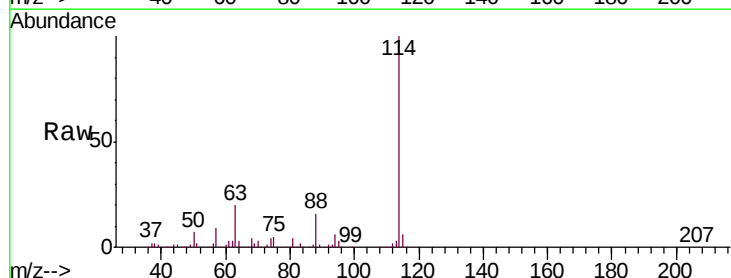
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

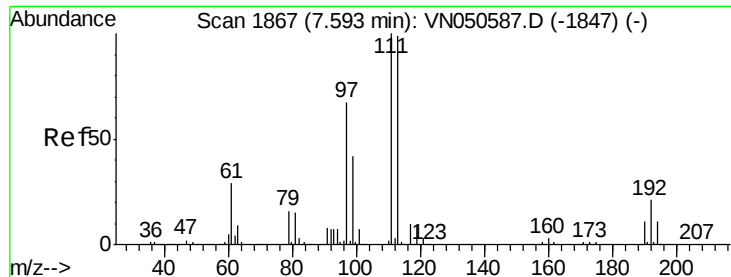
Tgt Ion: 65 Resp: 395623
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion: 114 Resp: 901167
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.7 0.0 30.8

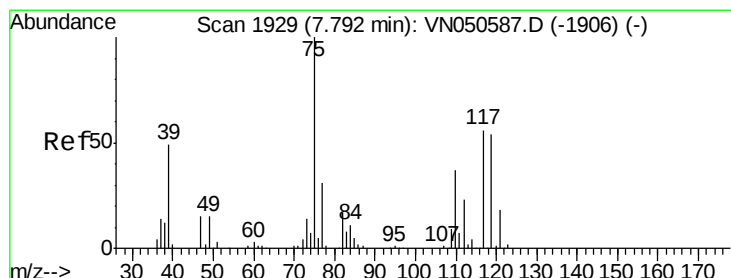
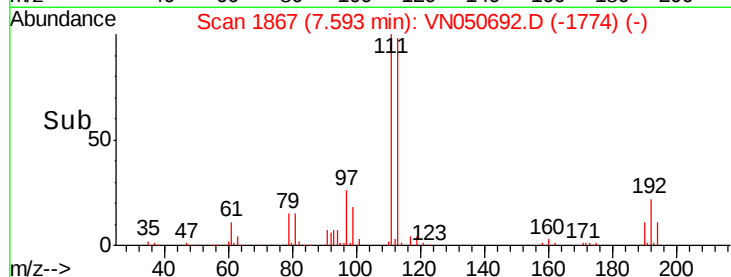
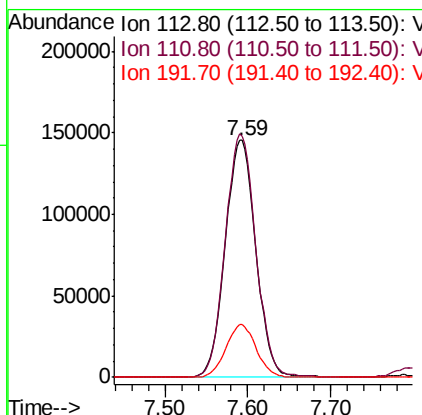
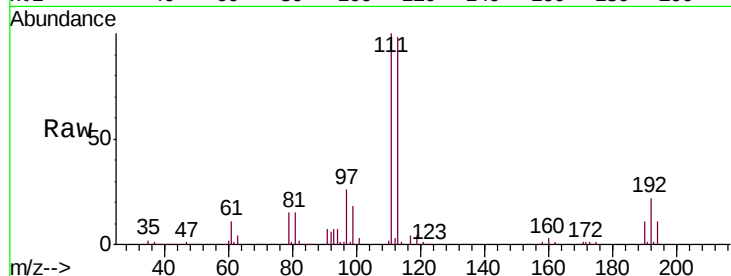




#35
 Dibromofluoromethane
 Concen: 51.904 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

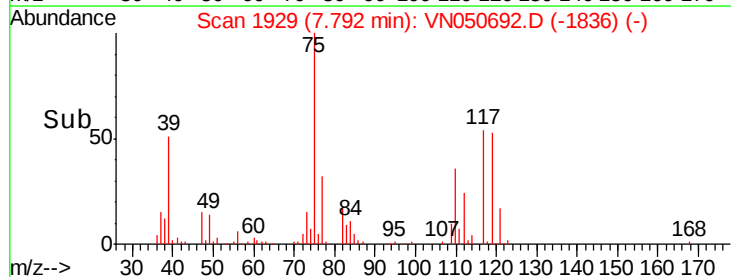
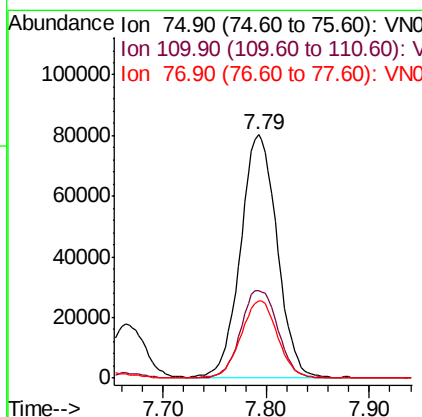
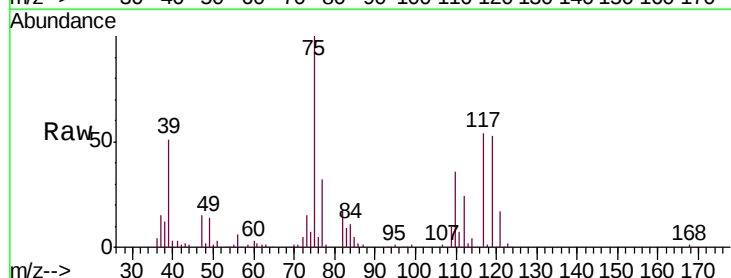
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

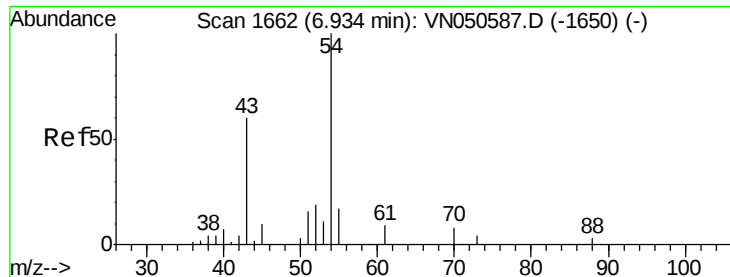
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.6
192	22.0	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 19.641 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.3	54.9
77	32.0	25.0	37.4

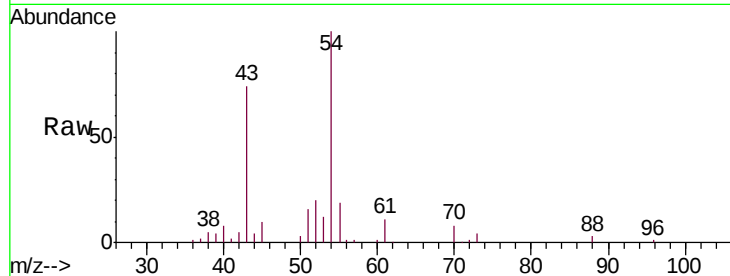




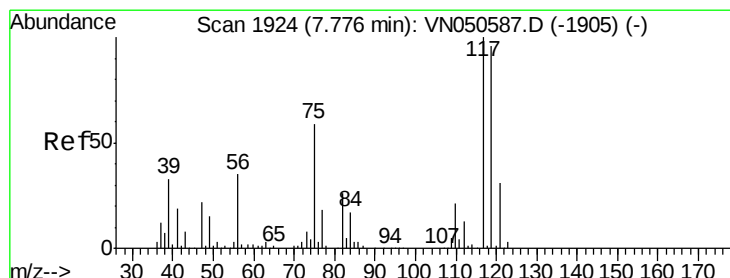
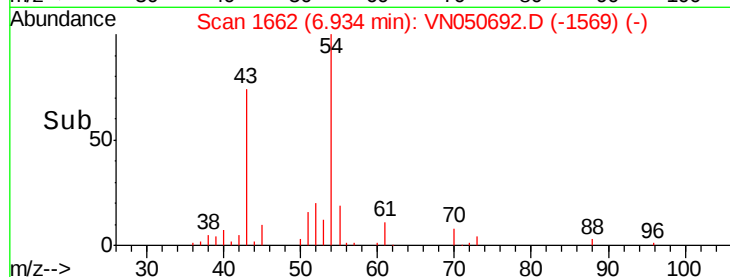
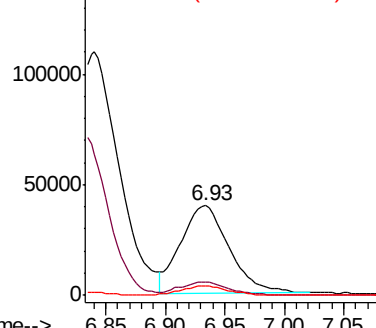
#37
Ethyl Acetate
 Concen: 19.852 ug/l
 RT: 6.93 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0816WBS01

Tgt Ion: 43 Resp: 112569
 Ion Ratio Lower Upper
 43 100
 61 15.7 12.0 18.0
 70 10.5 8.5 12.7

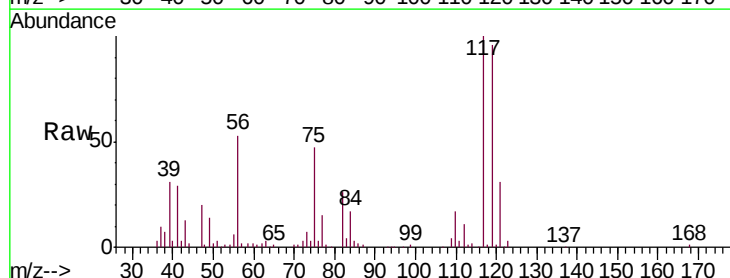


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

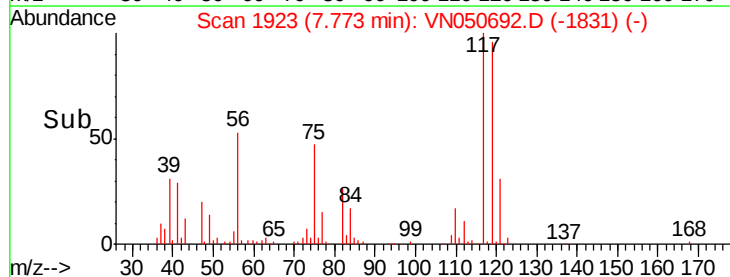
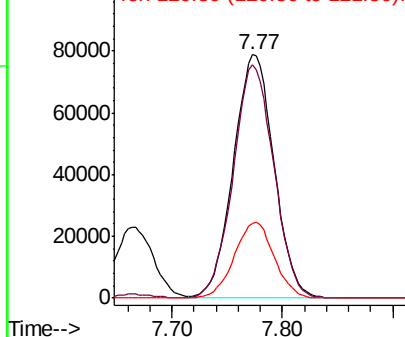


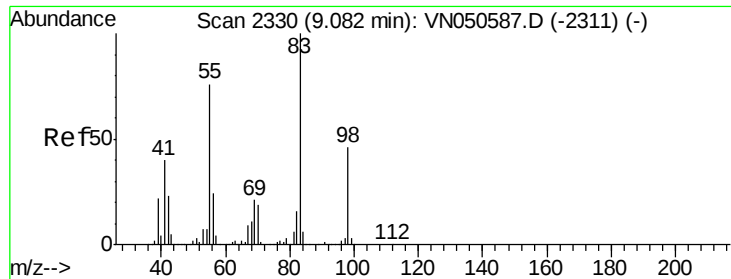
#38
Carbon Tetrachloride
 Concen: 19.350 ug/l
 RT: 7.77 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion: 117 Resp: 201362
 Ion Ratio Lower Upper
 117 100
 119 95.6 76.6 115.0
 121 30.9 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

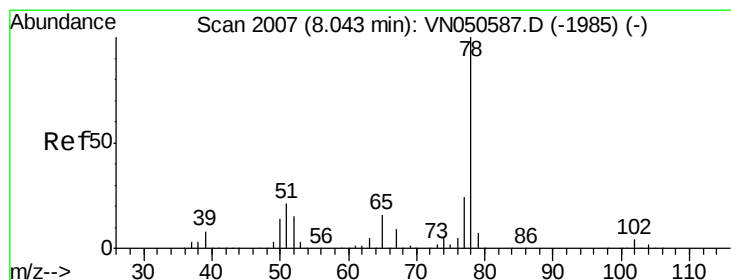
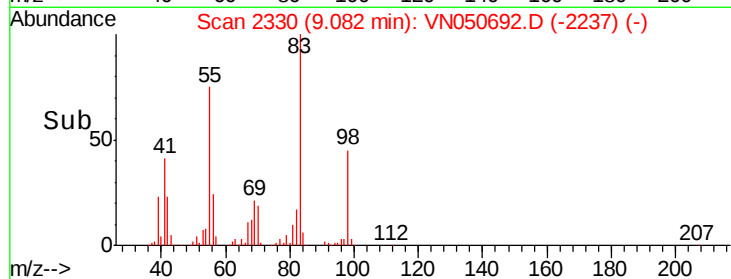
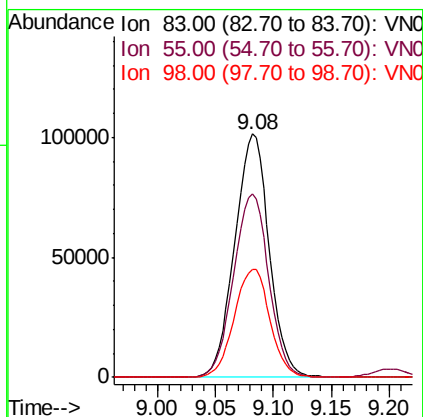
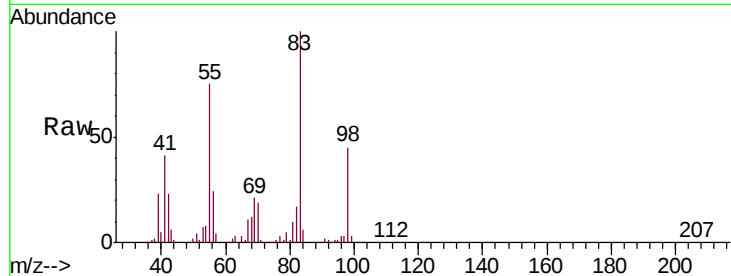




#39
Methylcyclohexane
Concen: 20.153 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

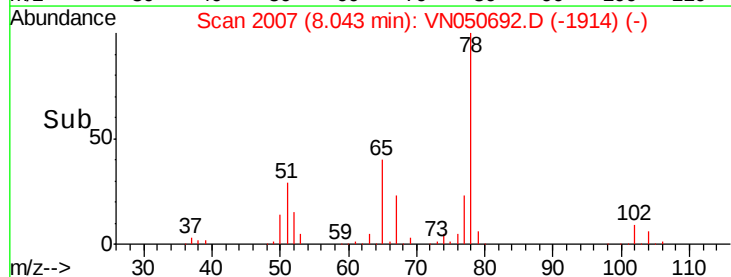
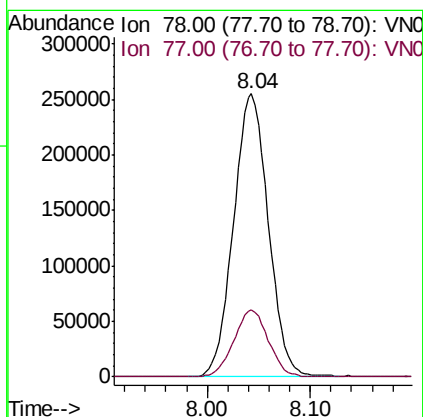
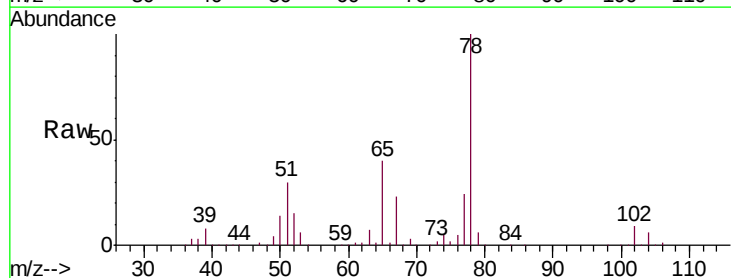
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

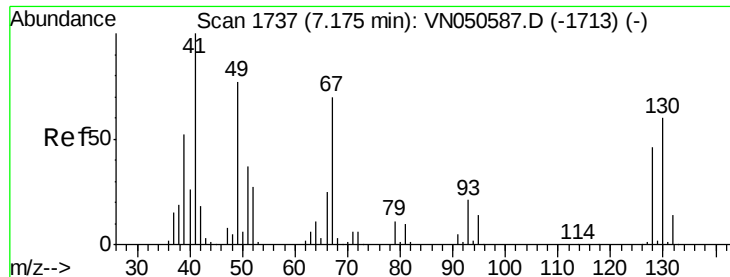
Tgt Ion: 83 Resp: 209305
Ion Ratio Lower Upper
83 100
55 75.2 60.6 91.0
98 44.6 37.0 55.4



#40
Benzene
Concen: 19.636 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion: 78 Resp: 599253
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

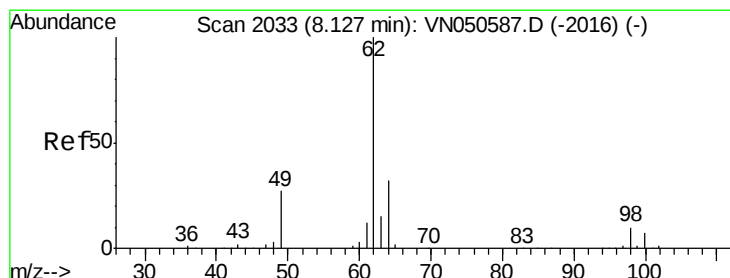
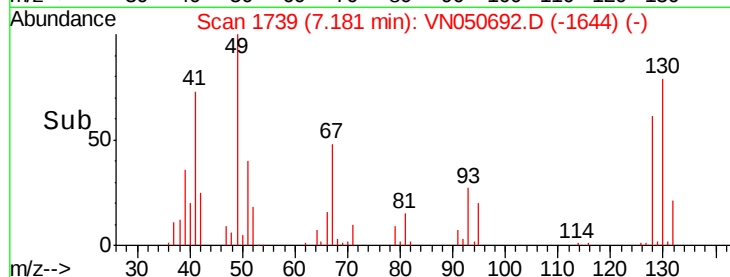
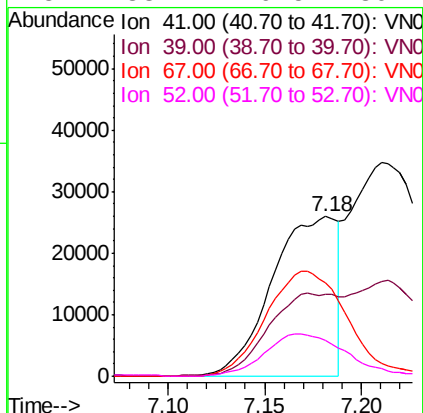
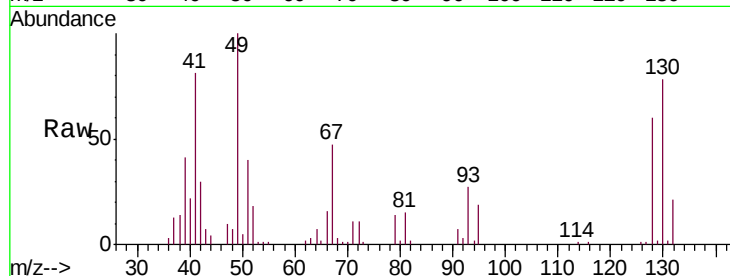




#41
Methacrylonitrile
Concen: 19.880 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

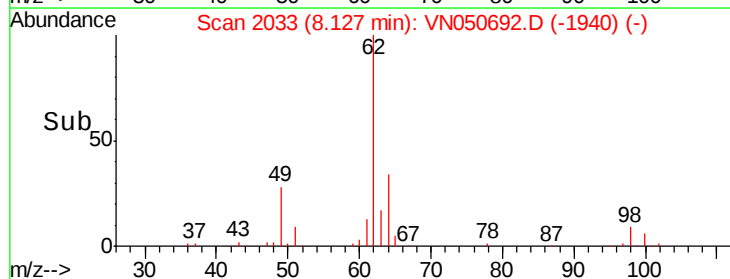
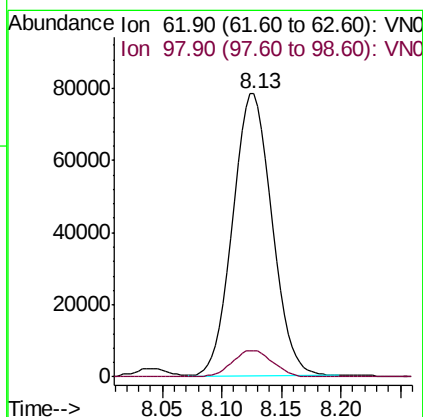
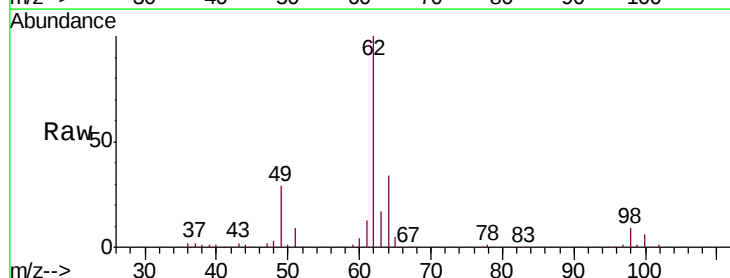
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

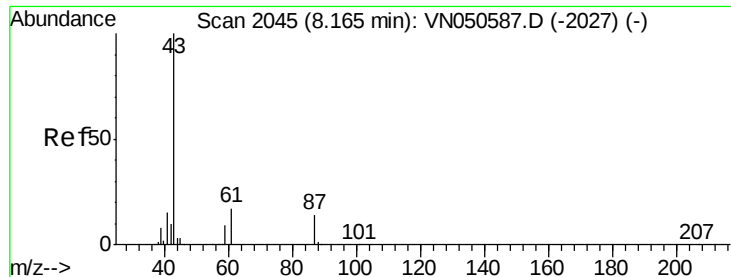
Tgt Ion:	41	Resp:	60943
Ion	Ratio	Lower	Upper
41	100		
39	58.0	44.6	66.8
67	82.2	66.7	100.1
52	33.7	26.5	39.7



#42
1,2-Dichloroethane
Concen: 19.227 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion:	62	Resp:	179841
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.337 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

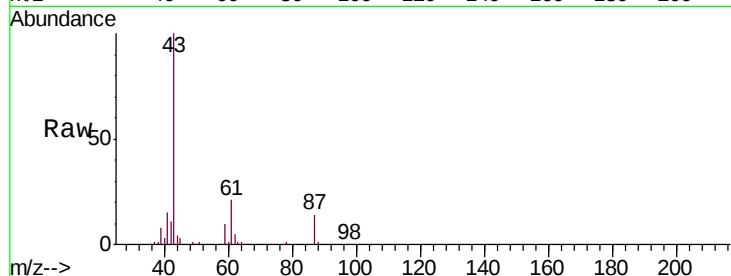
Tgt Ion: 43 Resp: 199827

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.2

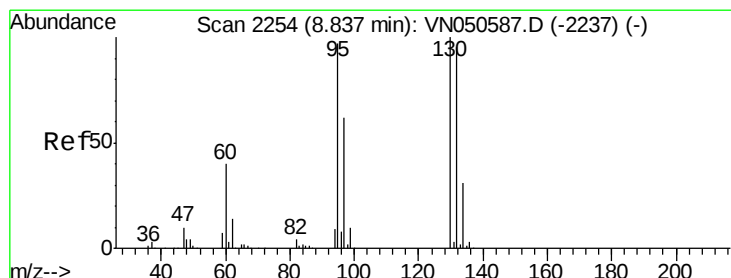
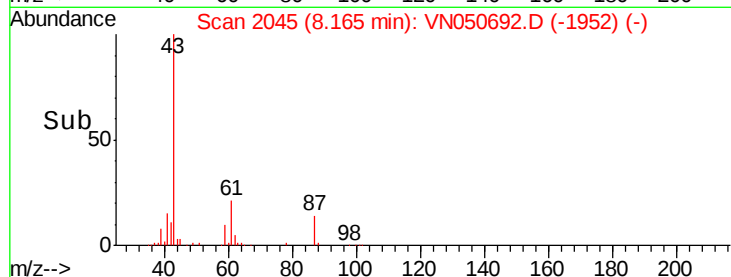
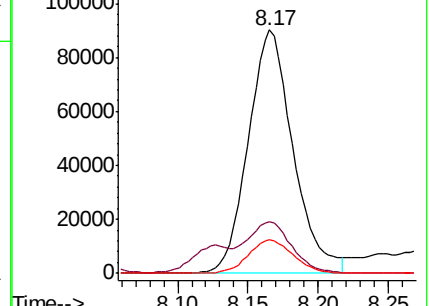
87 13.8 10.9 16.3



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: 19.282 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050692.D

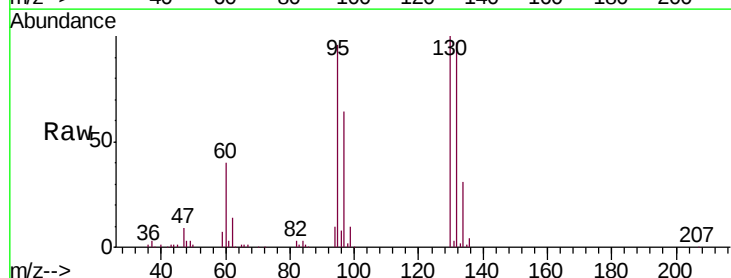
Acq: 16 Aug 2018 10:41

Tgt Ion: 130 Resp: 157629

Ion Ratio Lower Upper

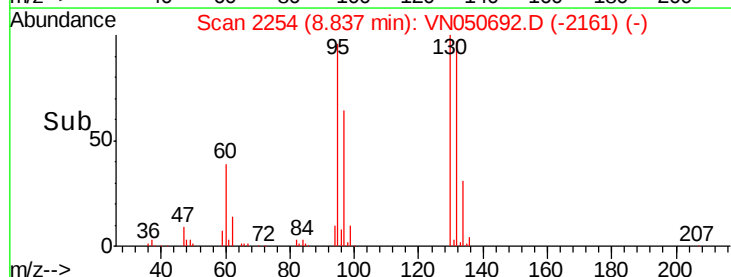
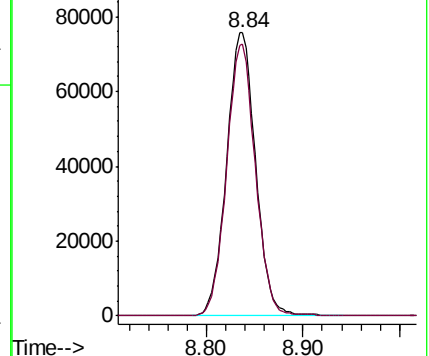
130 100

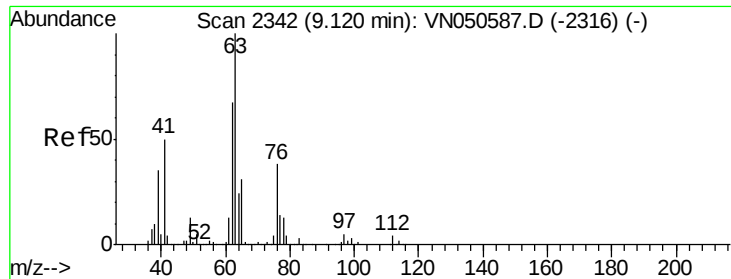
95 95.9 0.0 193.8



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

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

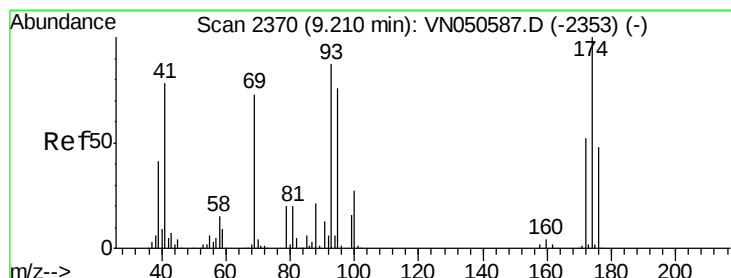
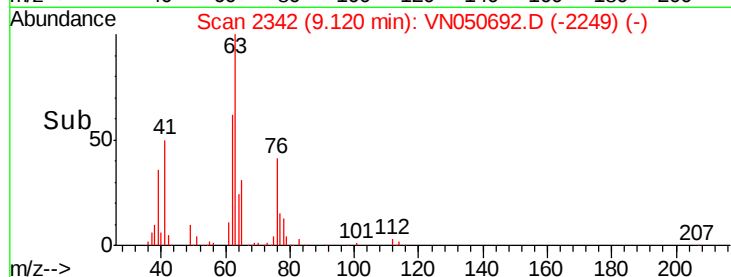
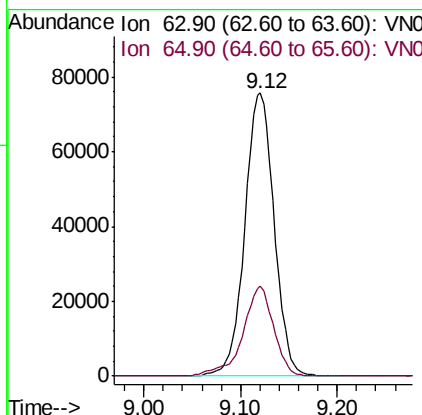
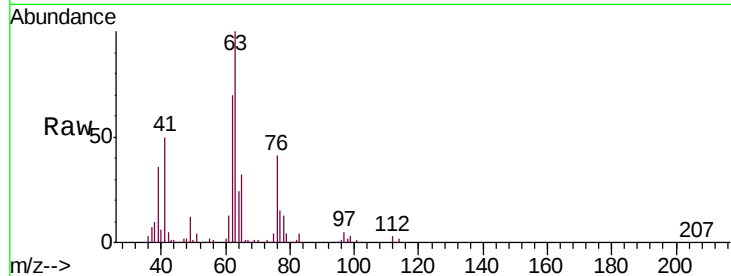




#45
 1,2-Dichloropropane
 Concen: 19.614 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

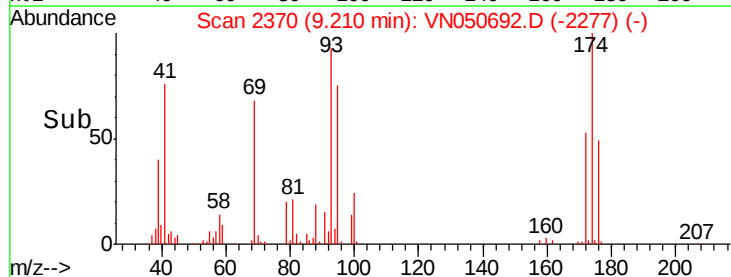
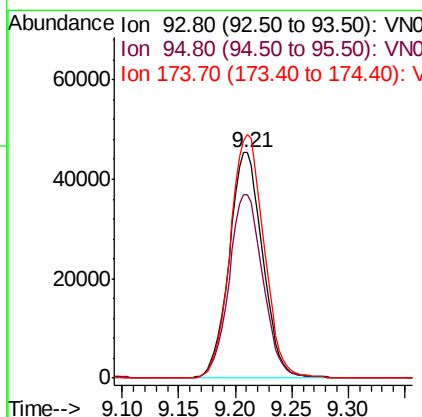
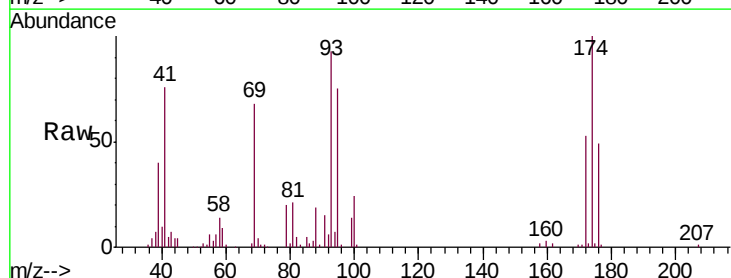
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

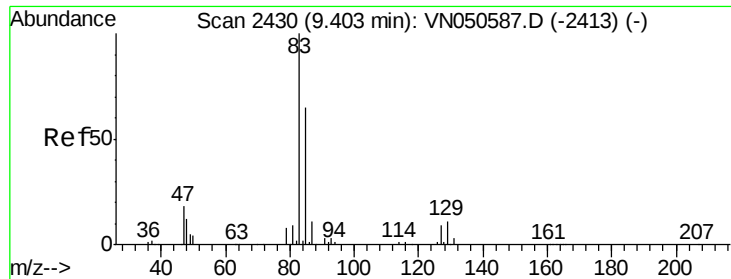
Tgt Ion: 63 Resp: 159360
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.5 36.7



#46
 Dibromomethane
 Concen: 19.547 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion: 93 Resp: 93773
 Ion Ratio Lower Upper
 93 100
 95 82.4 69.1 103.7
 174 108.8 91.0 136.6

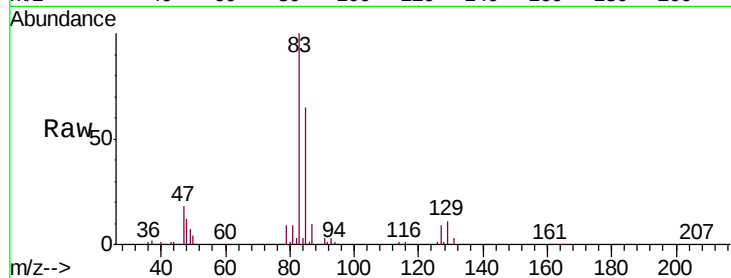




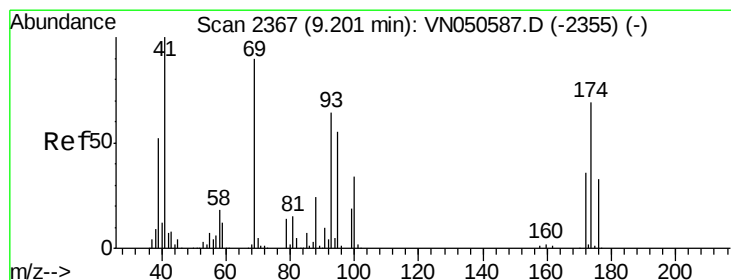
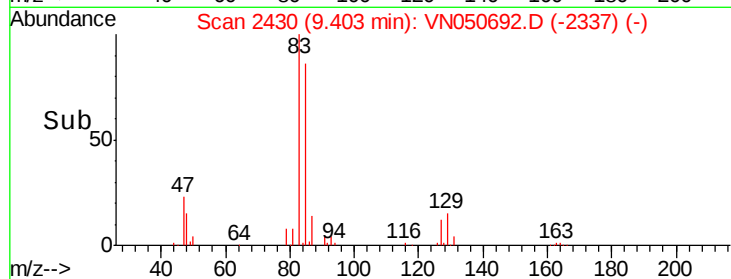
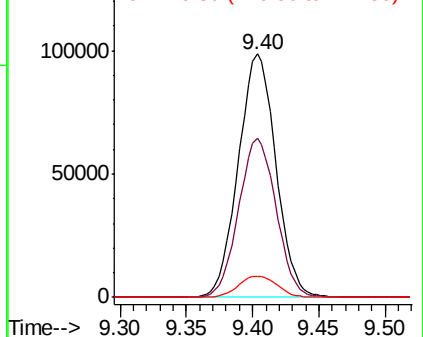
#47
 Bromodichloromethane
 Concen: 18.953 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Instrument :
 MSVOA_N
 ClientSampled :
 VN0816WBS01

Tgt Ion: 83 Resp: 194346
 Ion Ratio Lower Upper
 83 100
 85 65.2 51.8 77.6
 127 8.7 7.2 10.8

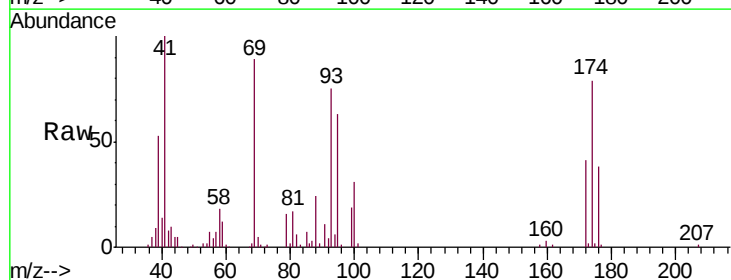


Abundance Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 126.80 (126.50 to 127.50): VNO

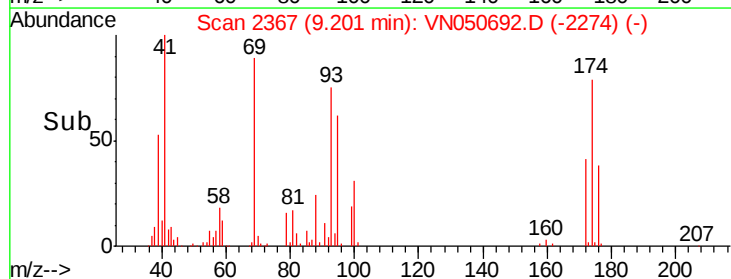
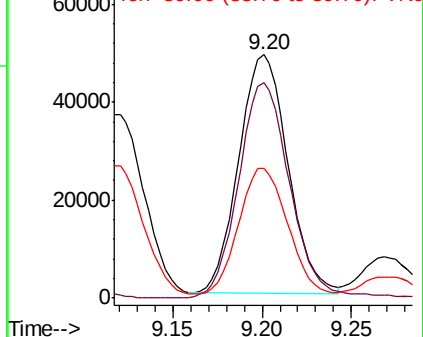


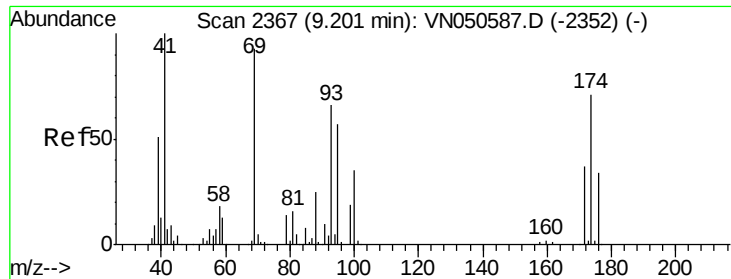
#48
 Methyl methacrylate
 Concen: 18.133 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion: 41 Resp: 94288
 Ion Ratio Lower Upper
 41 100
 69 93.7 73.4 110.0
 39 55.0 43.0 64.6



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

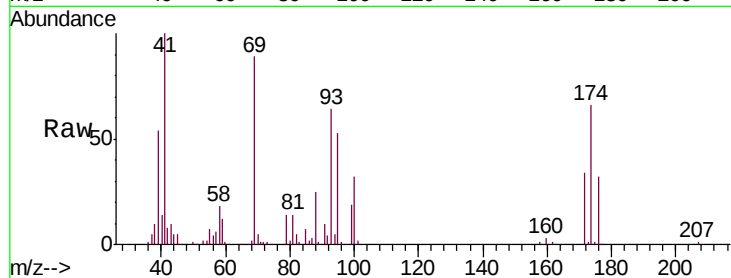




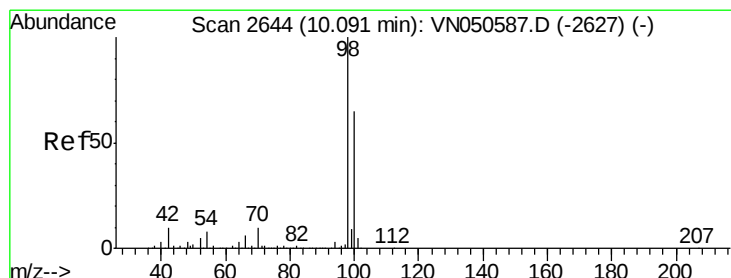
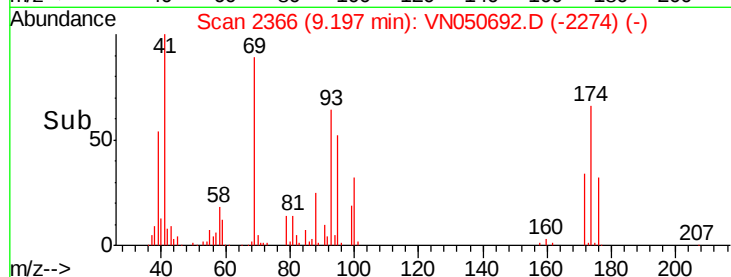
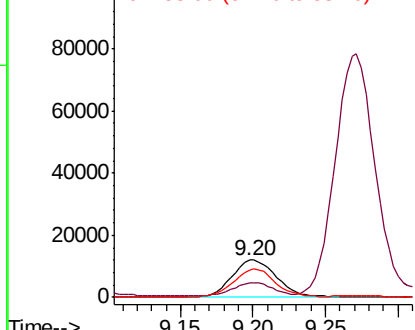
#49
 1,4-Dioxane
 Concen: 374.737 ug/l
 RT: 9.20 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Instrument :
 MSVOA_N
 ClientSampled :
 VN0816WBS01

Tgt Ion: 88 Resp: 25670
 Ion Ratio Lower Upper
 88 100
 43 32.7 25.9 38.9
 58 73.0 56.5 84.7

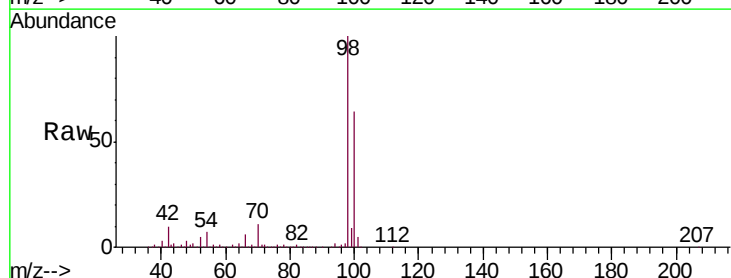


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

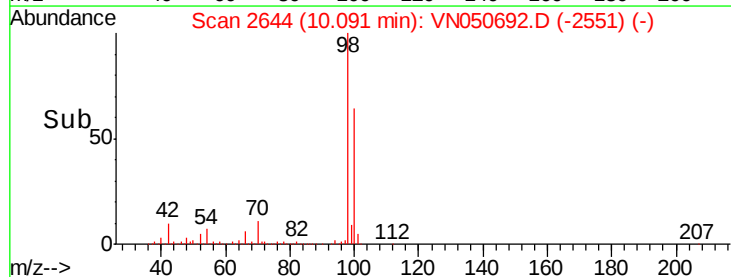
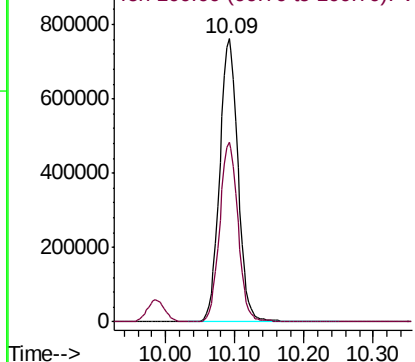


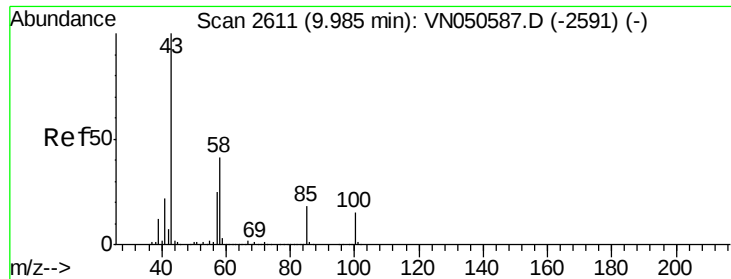
#50
 Toluene-d8
 Concen: 51.568 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion: 98 Resp: 1396326
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.8 77.8



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

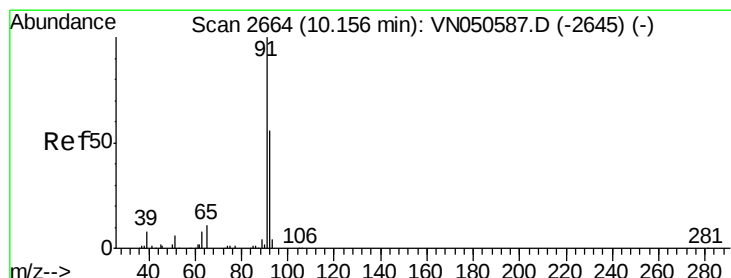
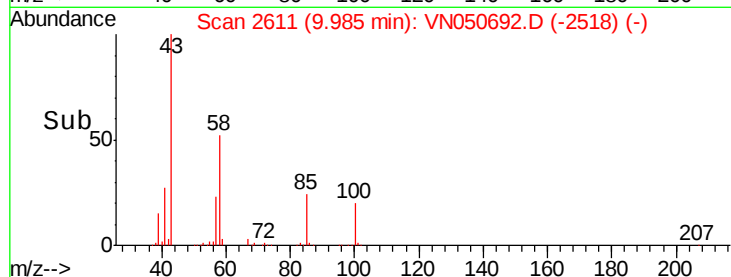
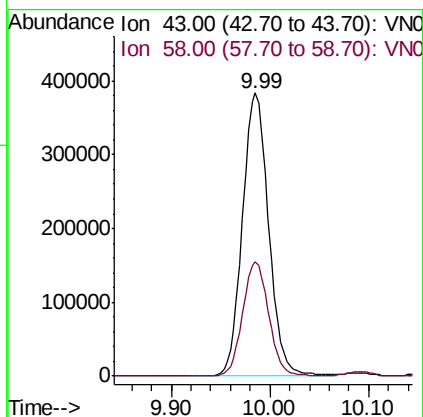
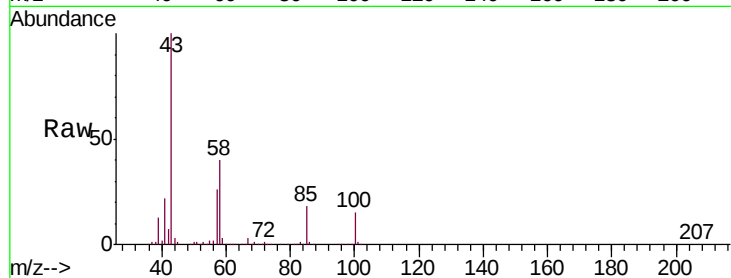




#51
 4-Methyl-2-Pentanone
 Concen: 100.660 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

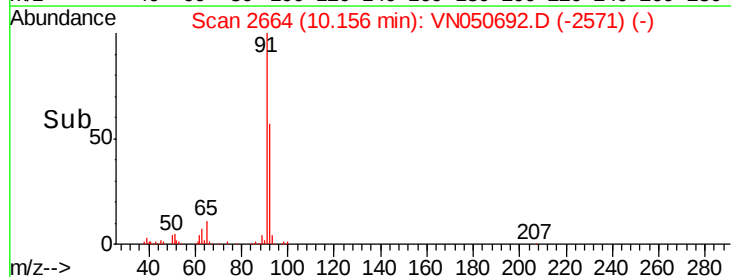
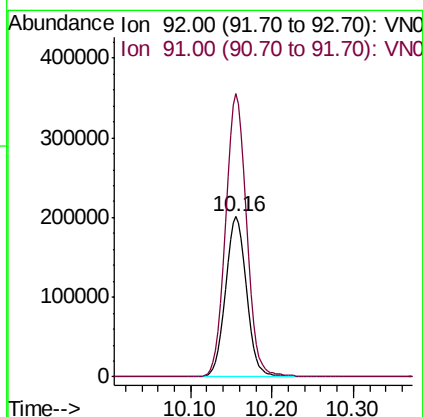
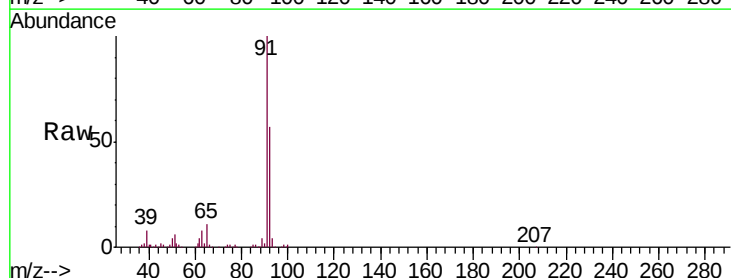
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

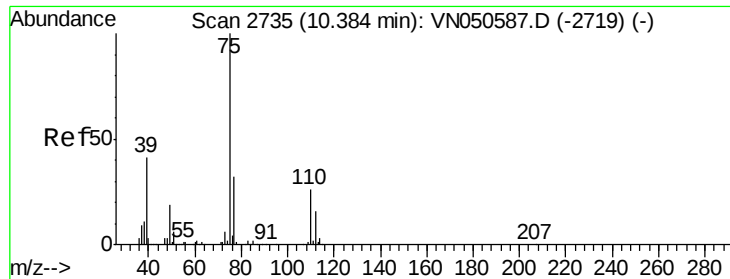
Tgt Ion: 43 Resp: 703507
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.5 48.7



#52
 Toluene
 Concen: 20.251 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion: 92 Resp: 369005
 Ion Ratio Lower Upper
 92 100
 91 176.6 141.9 212.9





#53

t-1,3-Dichloropropene

Concen: 19.584 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

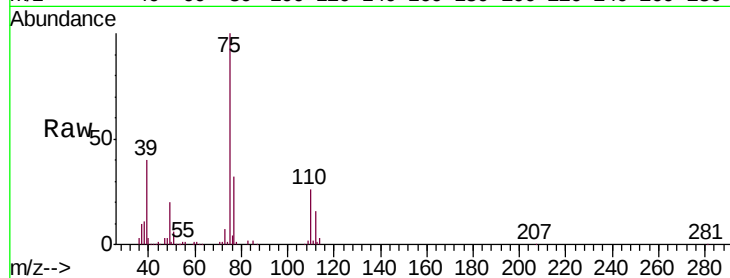
VN0816WBS01

Tgt Ion: 75 Resp: 187045

Ion Ratio Lower Upper

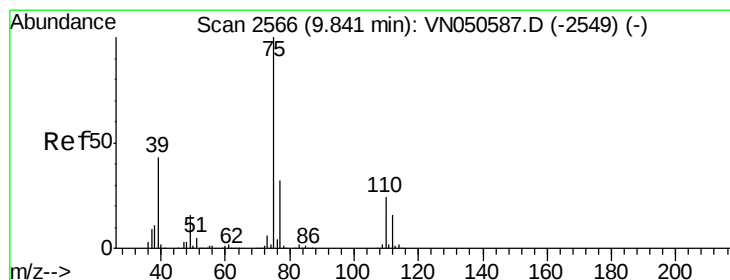
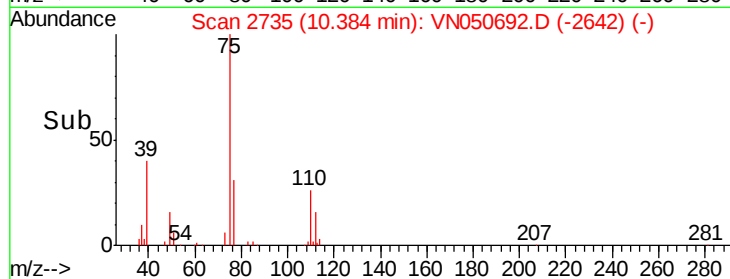
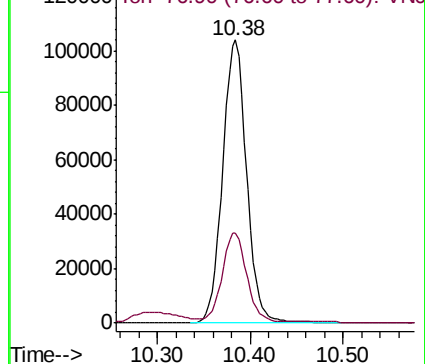
75 100

77 31.4 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.285 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

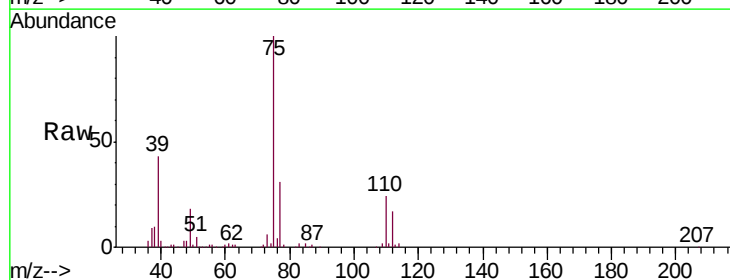
Tgt Ion: 75 Resp: 222258

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

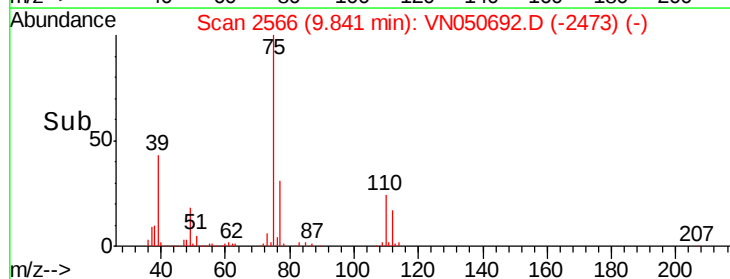
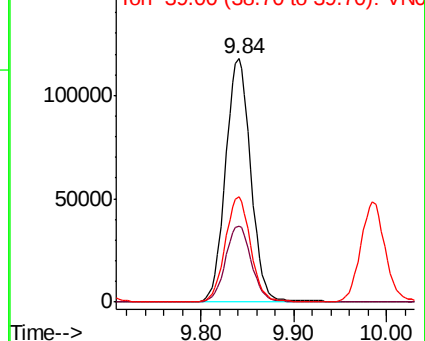
39 43.1 34.4 51.6

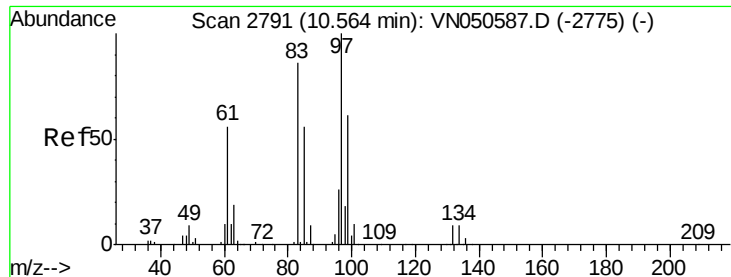


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

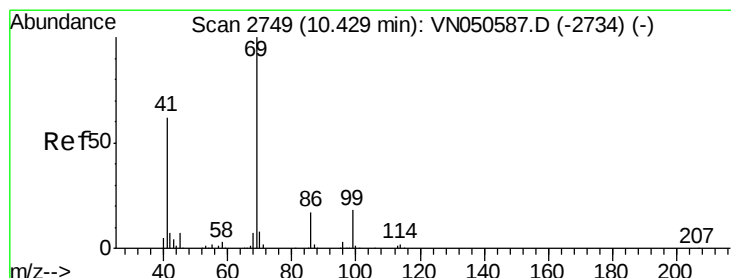
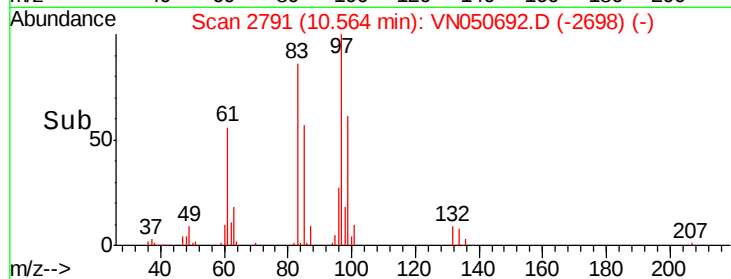
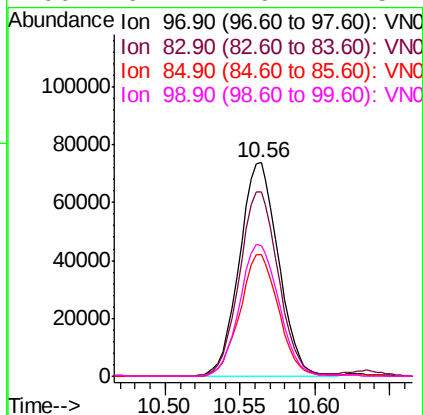
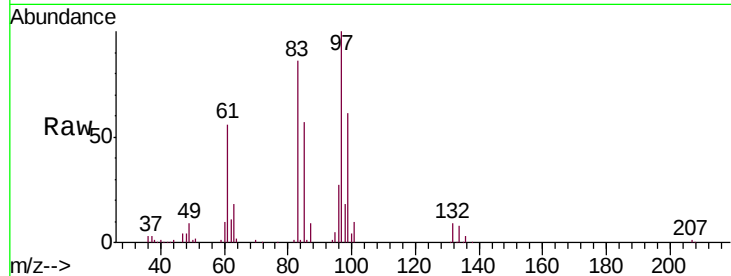




#55
 1,1,2-Trichloroethane
 Concen: 19.681 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

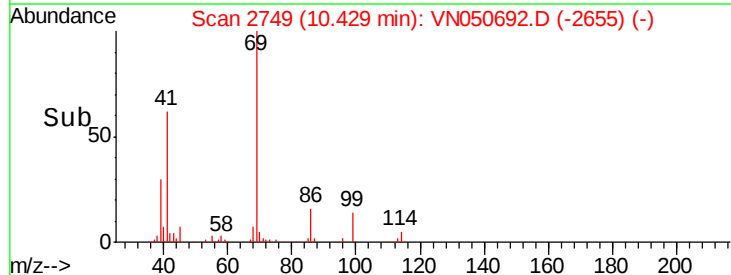
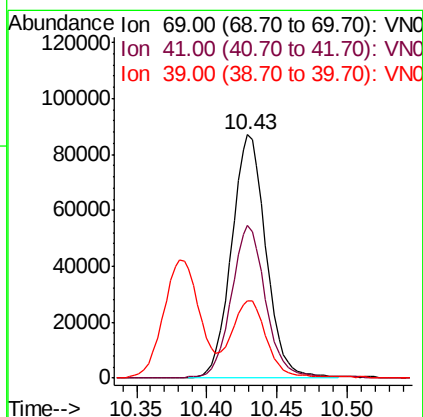
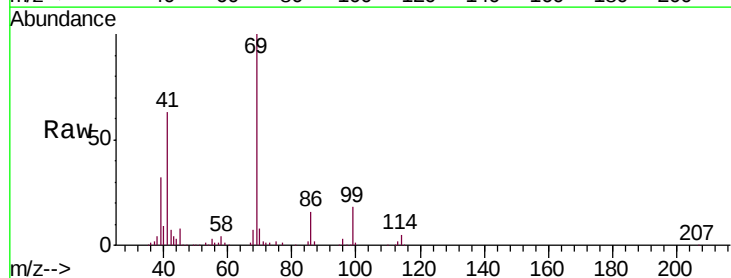
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

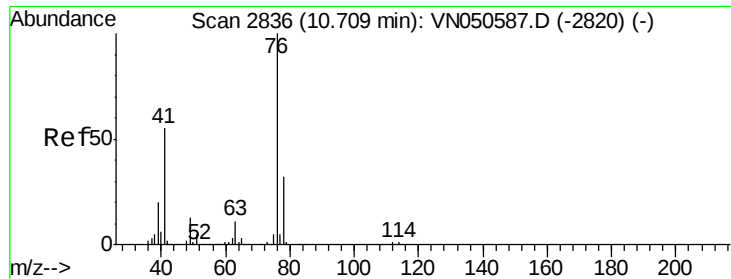
Tgt Ion:	97	Resp:	133977
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.5	102.7
85	56.9	44.6	66.8
99	61.4	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 18.396 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion:	69	Resp:	148879
Ion	Ratio	Lower	Upper
69	100		
41	61.0	49.7	74.5
39	30.5	24.2	36.2





#57

1,3-Dichloropropane

Concen: 19.600 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampled :

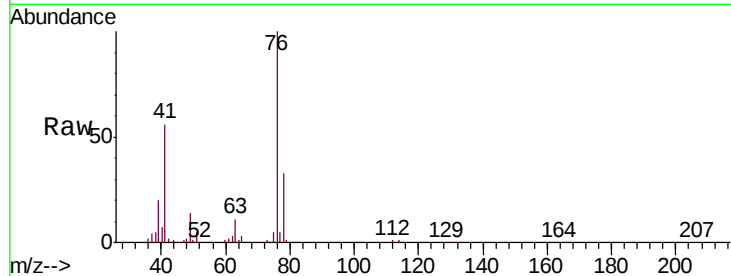
VN0816WBS01

Tgt Ion: 76 Resp: 218732

Ion Ratio Lower Upper

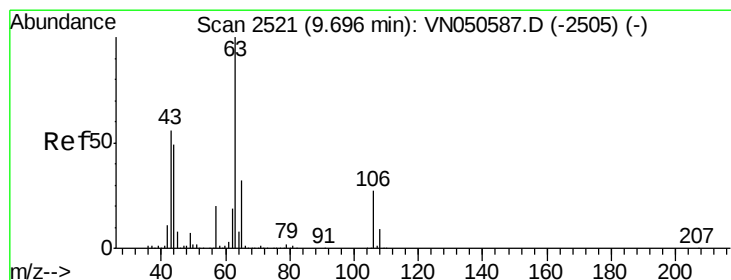
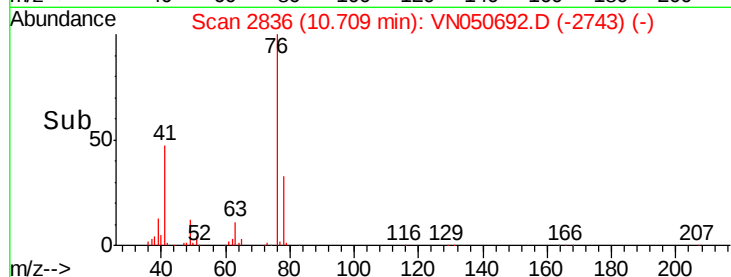
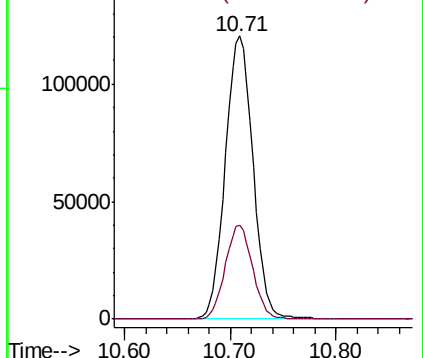
76 100

78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 95.289 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050692.D

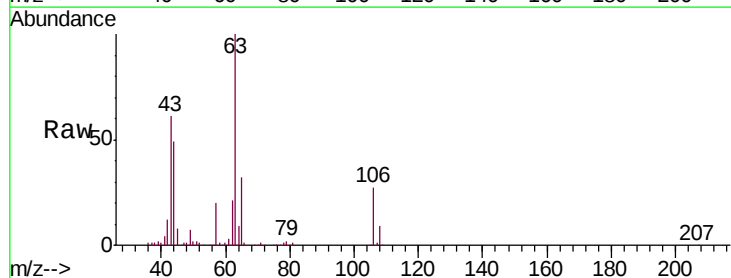
Acq: 16 Aug 2018 10:41

Tgt Ion: 63 Resp: 368380

Ion Ratio Lower Upper

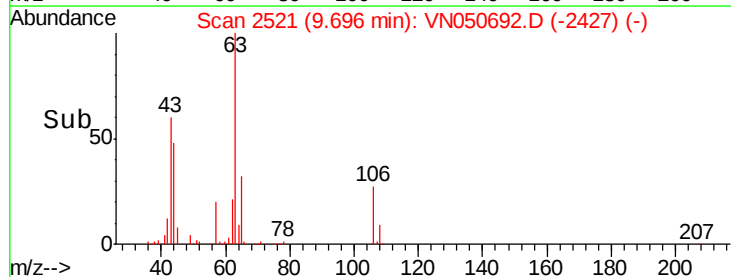
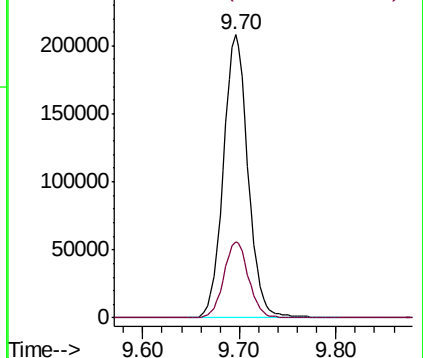
63 100

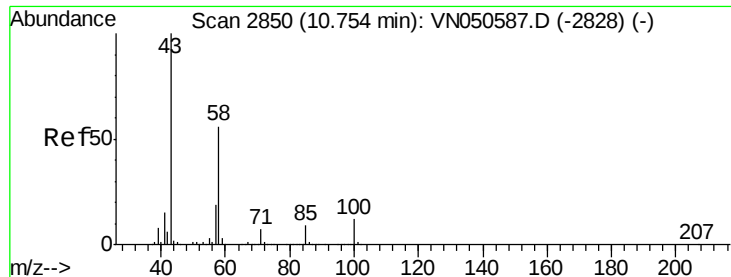
106 27.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

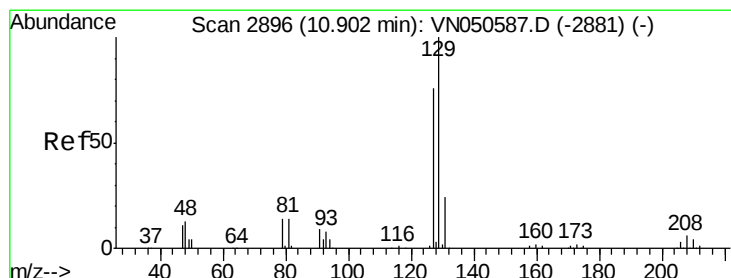
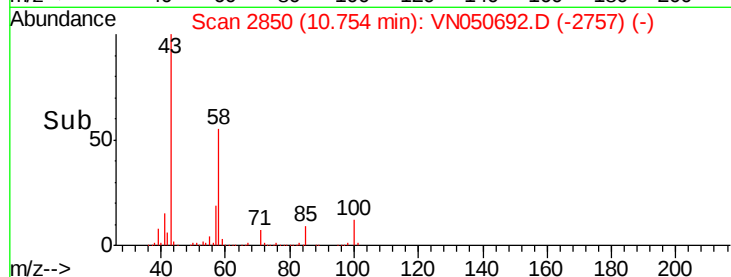
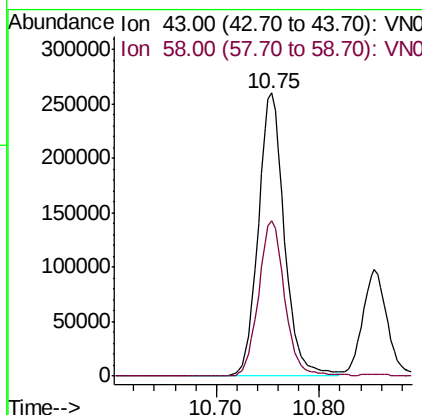
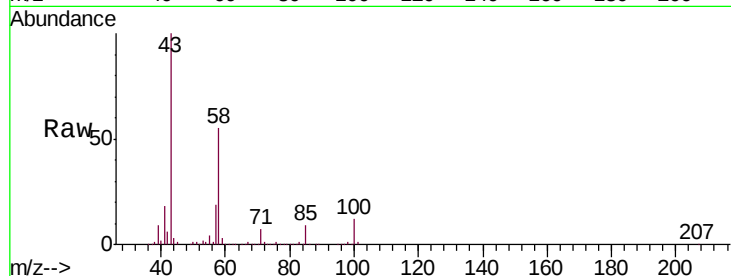




#59
2-Hexanone
Concen: 100.365 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

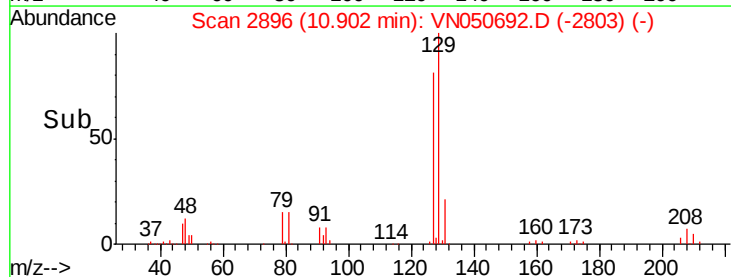
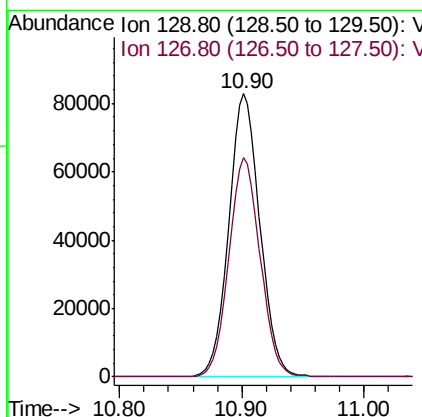
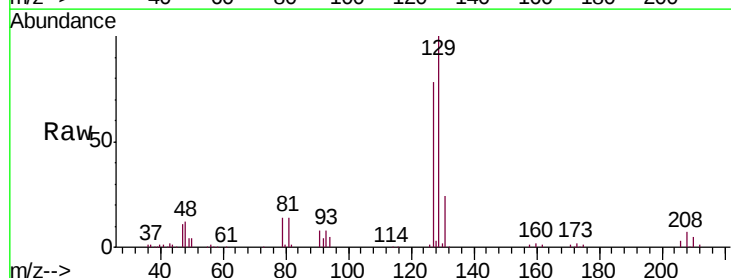
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

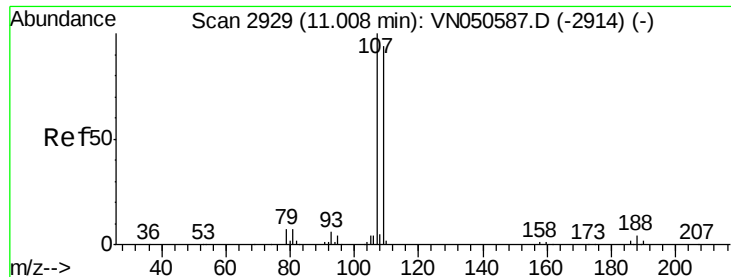
Tgt Ion: 43 Resp: 452724
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0



#60
Dibromochloromethane
Concen: 19.572 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion: 129 Resp: 147042
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7

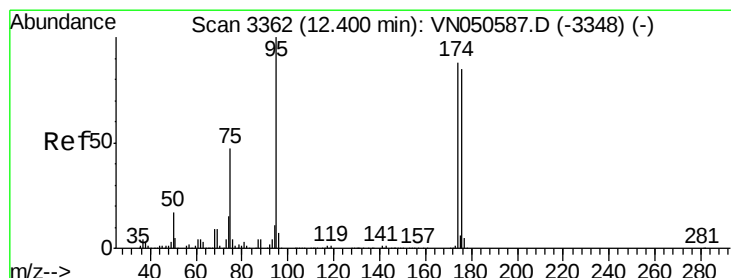
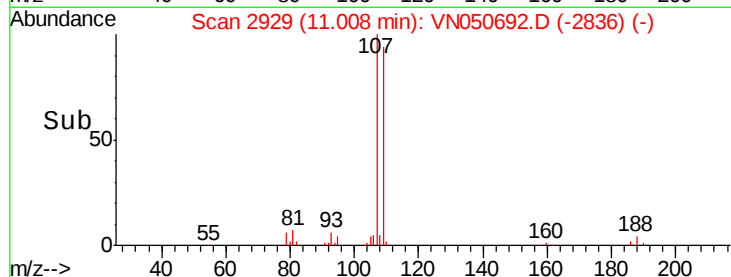
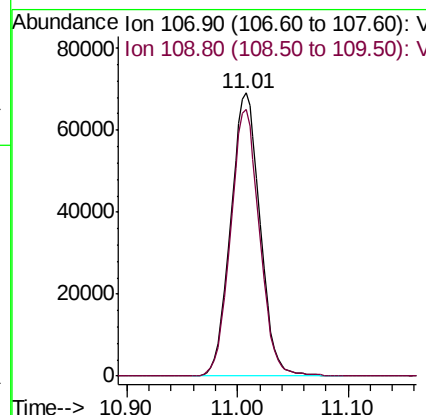
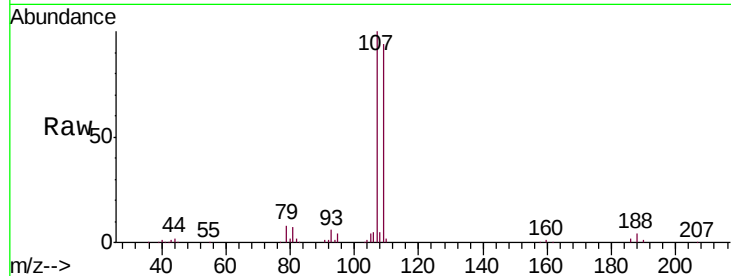




#61
 1,2-Dibromoethane
 Concen: 19.644 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

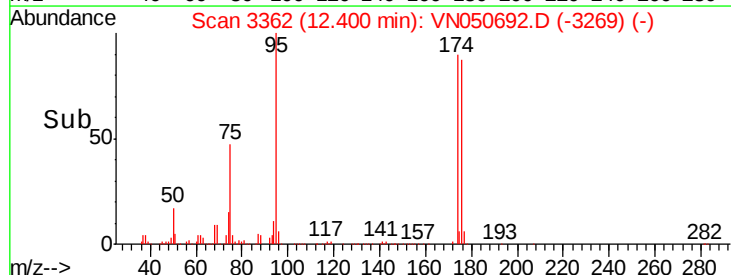
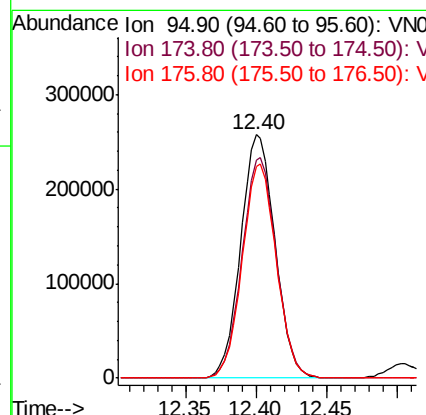
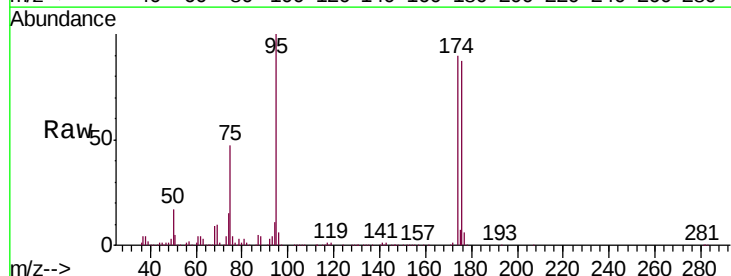
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

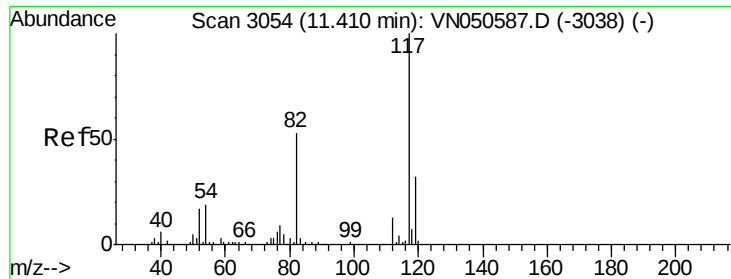
Tgt Ion: 107 Resp: 127346
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.135 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion: 95 Resp: 439525
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 177.8
 176 87.2 0.0 175.0

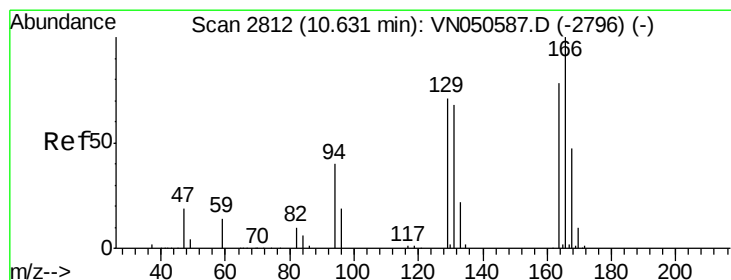
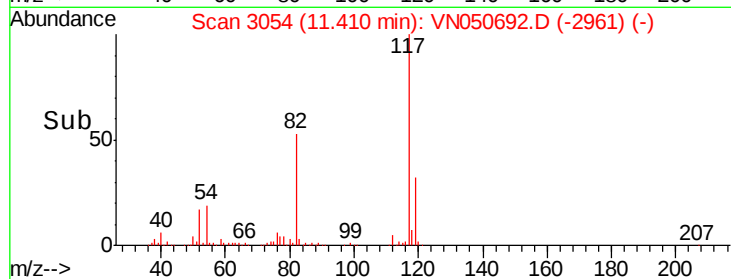
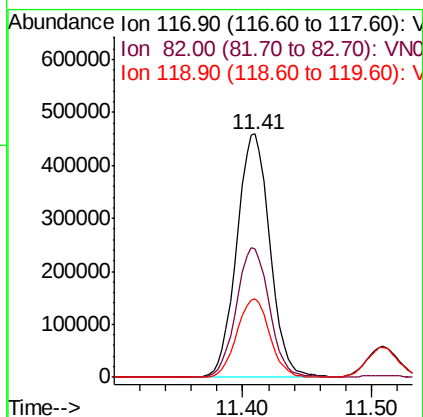
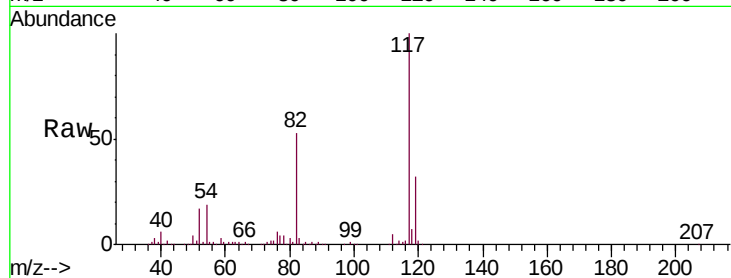




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

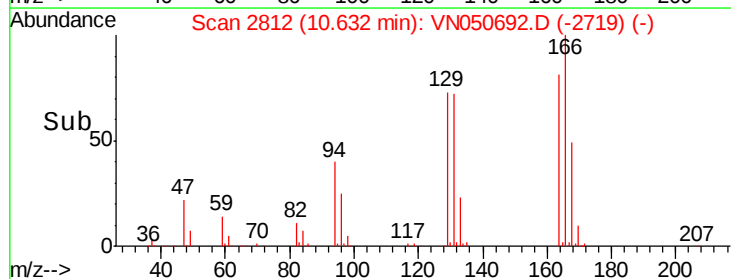
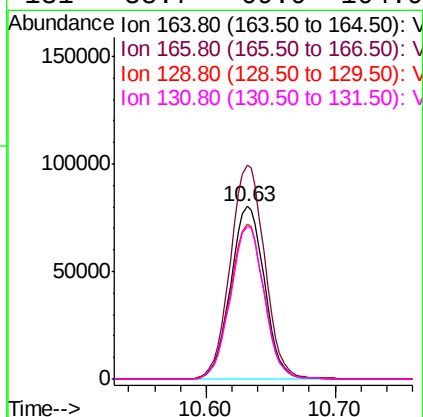
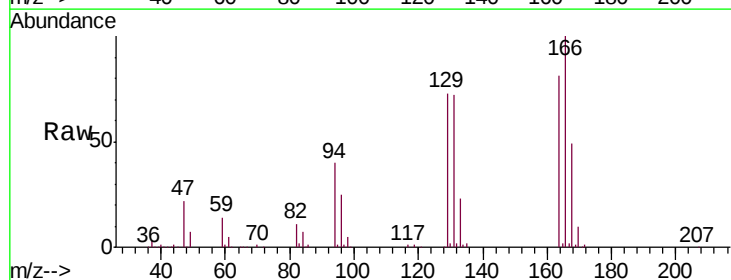
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

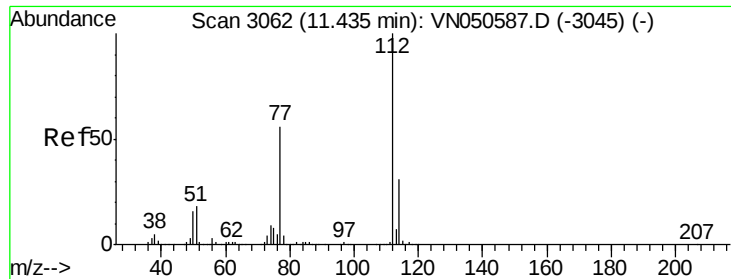
Tgt Ion:117 Resp: 823188
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 19.138 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion:164 Resp: 146309
Ion Ratio Lower Upper
164 100
166 123.9 102.1 153.1
129 90.0 72.7 109.1
131 88.7 69.9 104.9

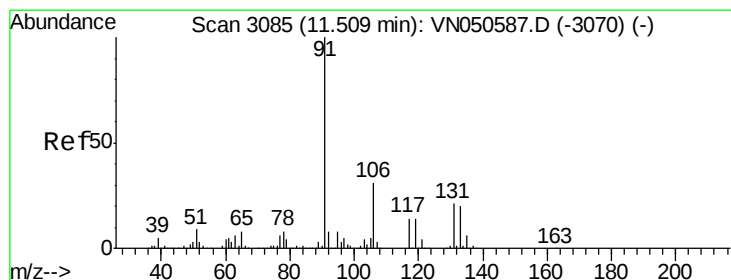
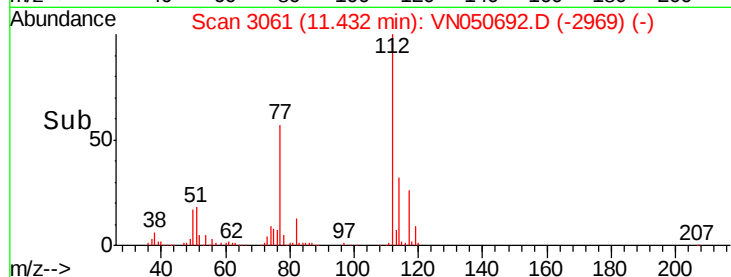
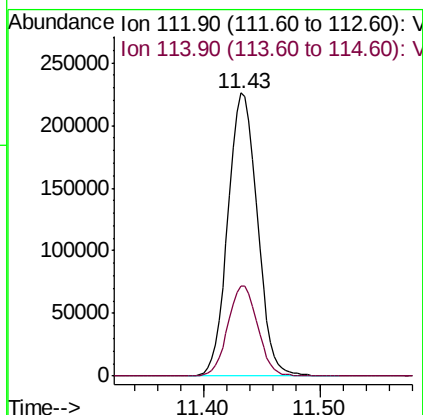
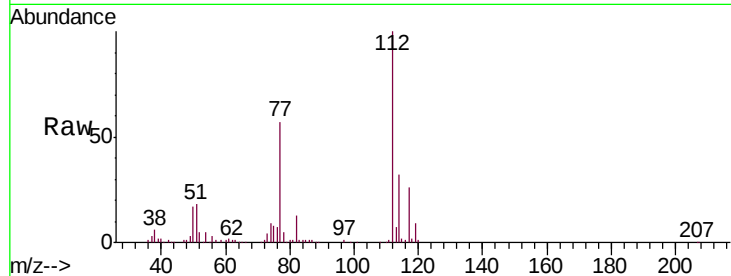




#65
Chlorobenzene
Concen: 19.435 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

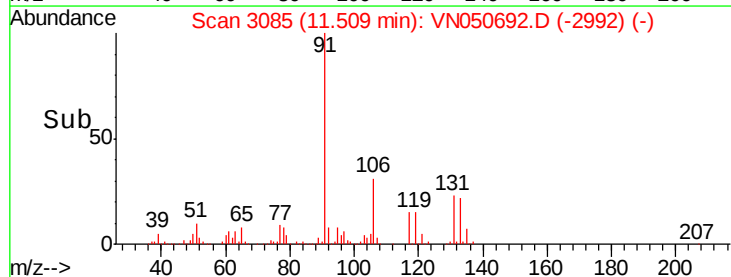
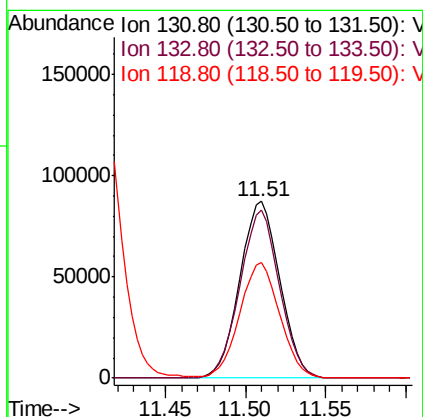
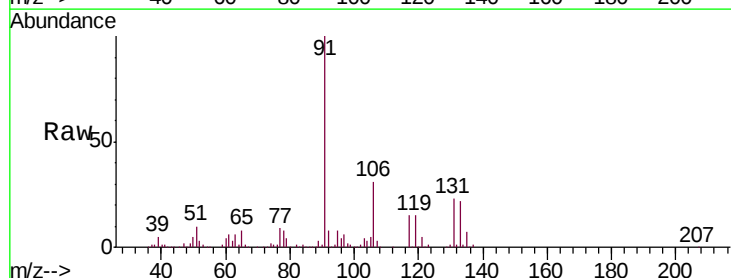
Instrument :
MSVOA_N
ClientSampled :
VN0816WBS01

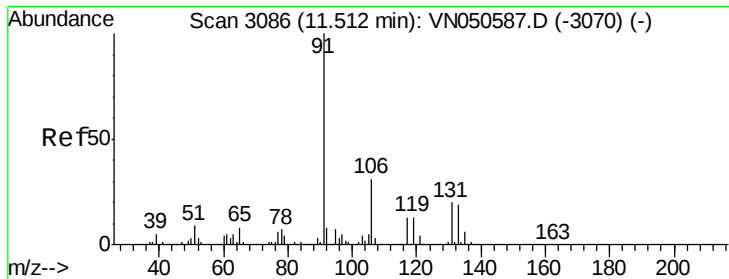
Tgt Ion:112 Resp: 398166
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.464 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion:131 Resp: 149478
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 65.5 33.1 99.3





#67

Ethyl Benzene

Concen: 19.742 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampled :

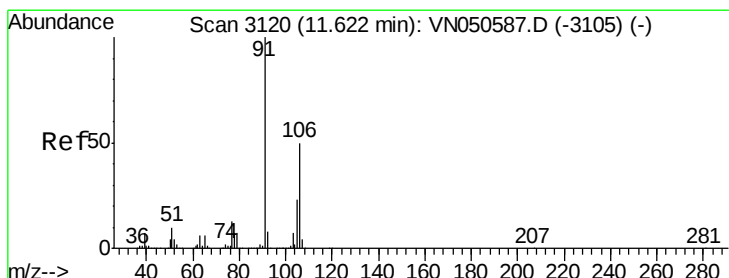
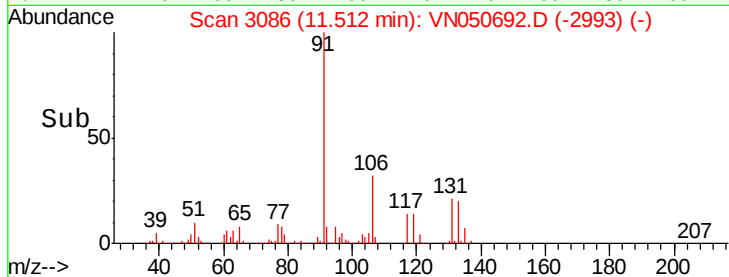
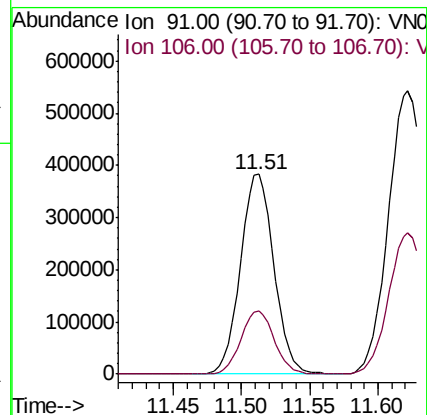
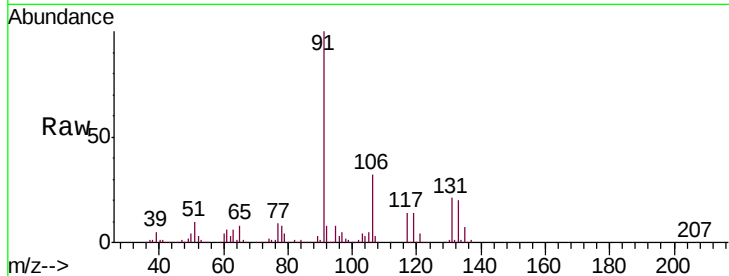
VN0816WBS01

Tgt Ion: 91 Resp: 653066

Ion Ratio Lower Upper

91 100

106 31.8 24.8 37.2



#68

m/p-Xylenes

Concen: 40.737 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050692.D

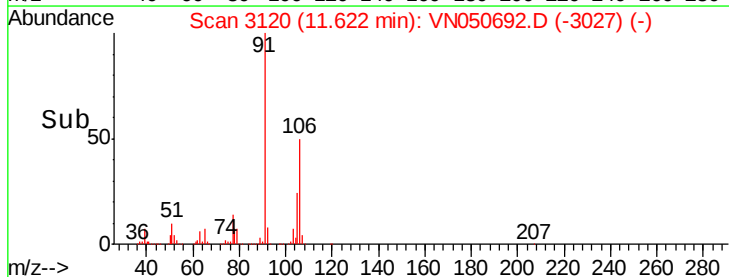
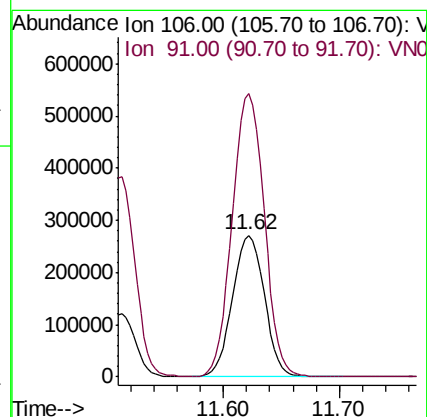
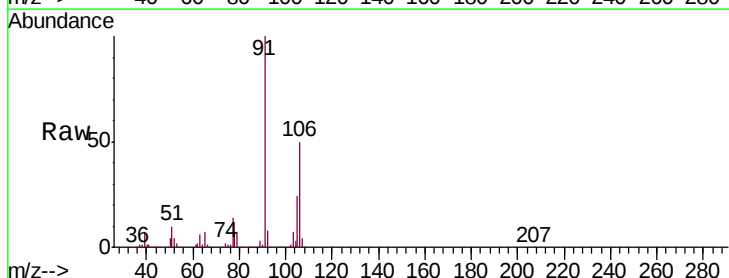
Acq: 16 Aug 2018 10:41

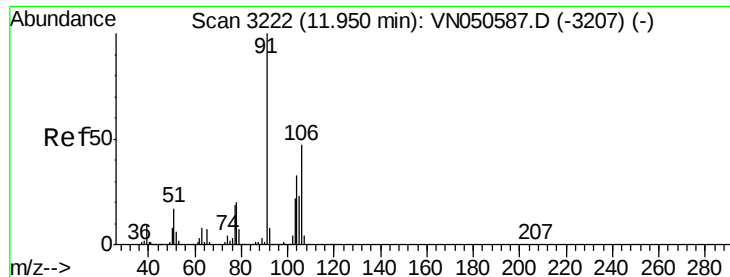
Tgt Ion: 106 Resp: 515410

Ion Ratio Lower Upper

106 100

91 201.9 161.5 242.3

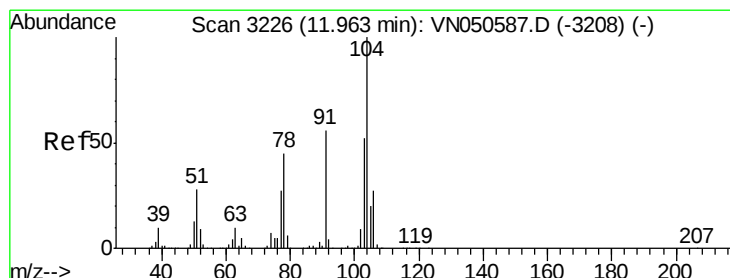
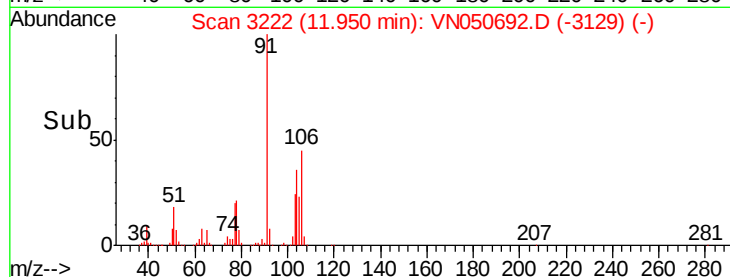
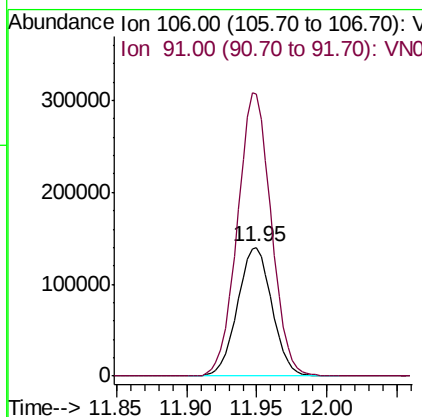
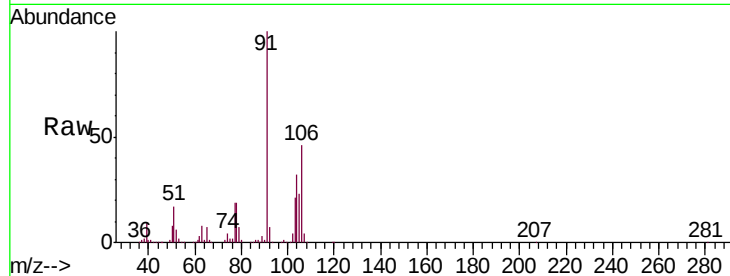




#69
o-Xylene
Concen: 19.851 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

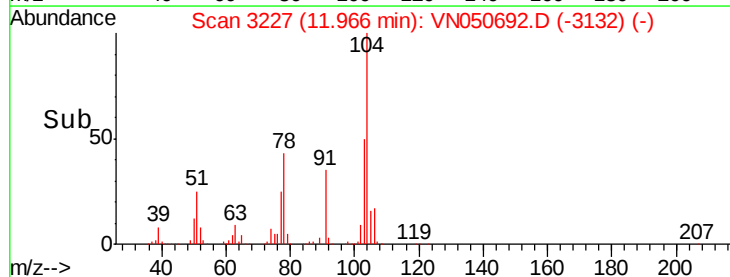
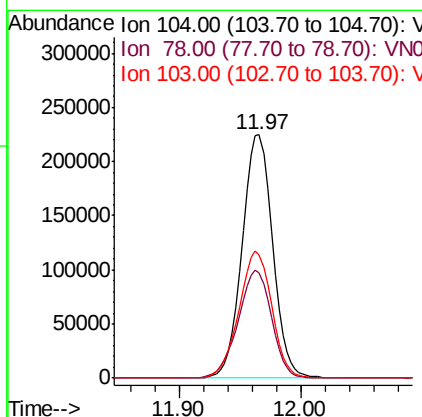
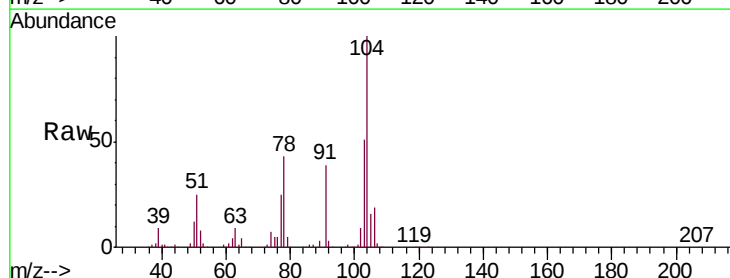
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

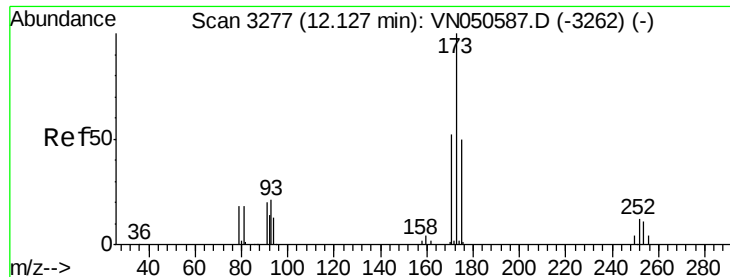
Tgt Ion:106 Resp: 239482
Ion Ratio Lower Upper
106 100
91 215.9 106.8 320.4



#70
Styrene
Concen: 18.661 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion:104 Resp: 387484
Ion Ratio Lower Upper
104 100
78 48.5 39.1 58.7
103 56.3 44.9 67.3

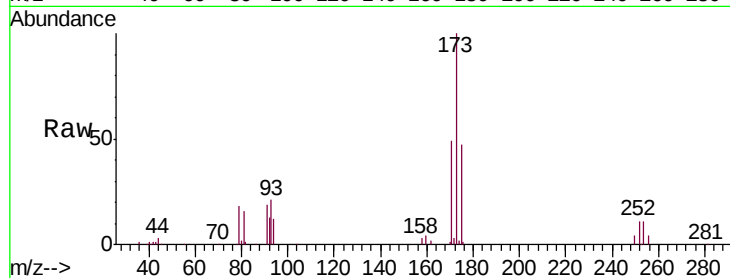




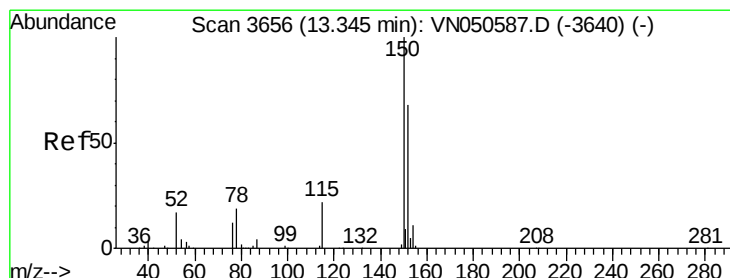
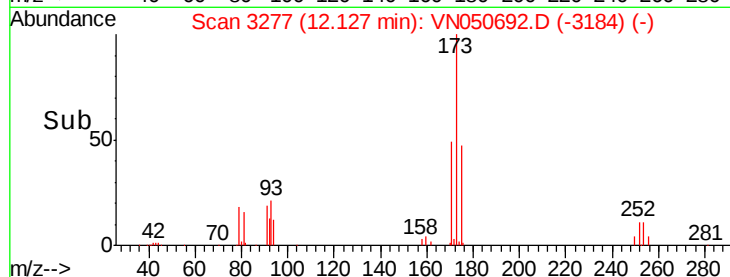
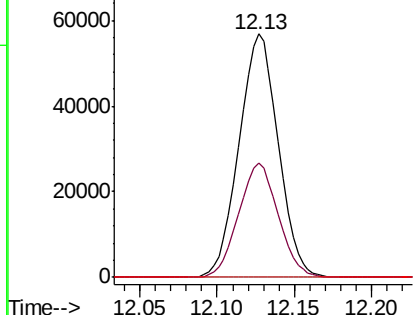
#71
Bromoform
Concen: 19.660 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

Tgt Ion:173 Resp: 100118
Ion Ratio Lower Upper
173 100
175 47.3 24.4 73.2
254 0.0 0.0 0.0

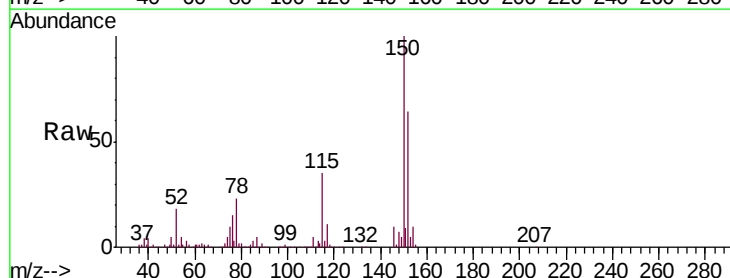


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

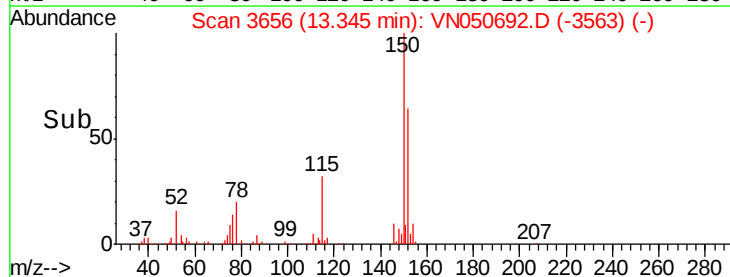
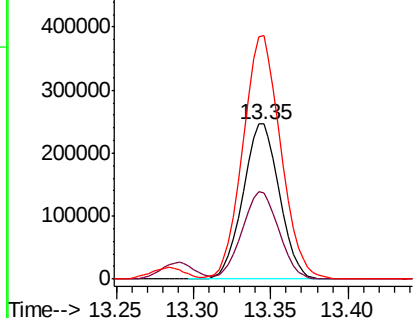


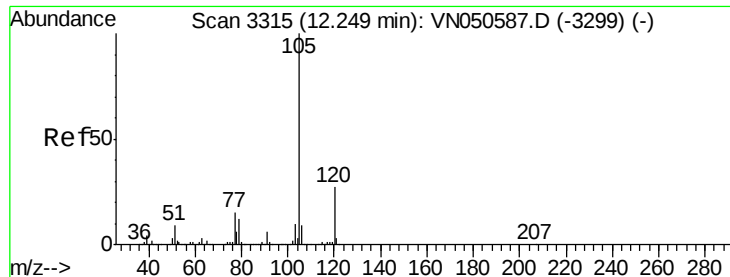
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion:152 Resp: 404312
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 163.1 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: 20.542 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

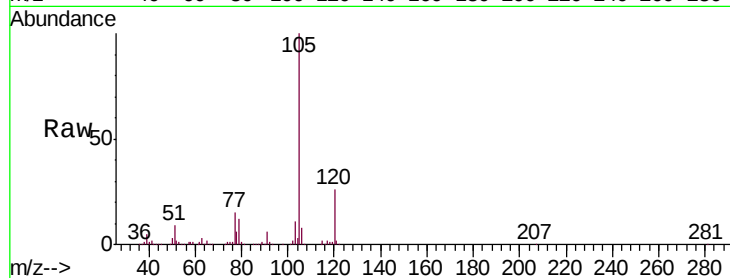
VN0816WBS01

Tgt Ion: 105 Resp: 648892

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

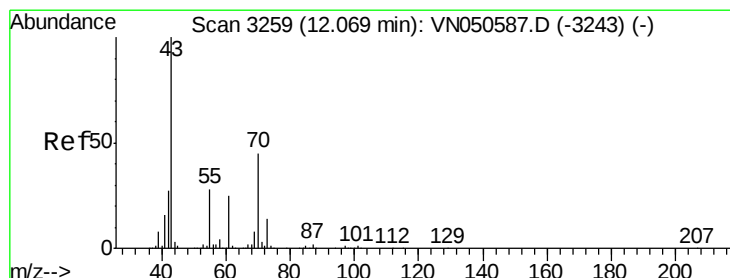
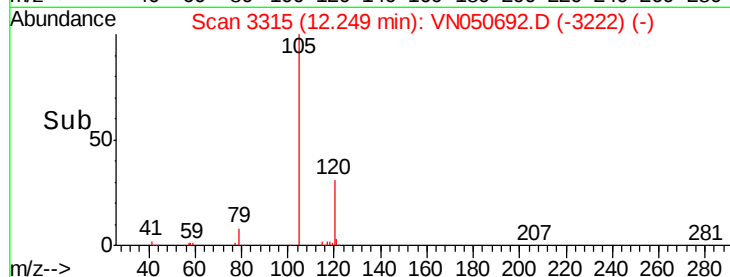
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.728 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Tgt Ion: 43 Resp: 153912

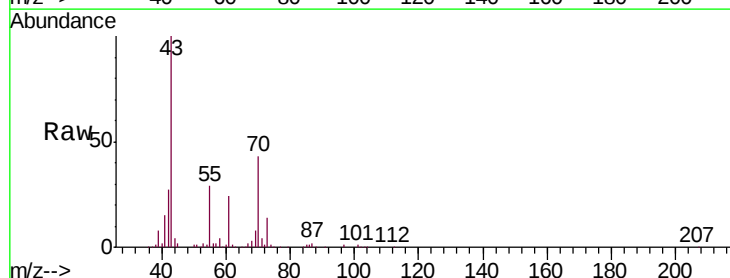
Ion Ratio Lower Upper

43 100

70 43.9 35.9 53.9

55 28.1 22.2 33.4

61 24.3 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

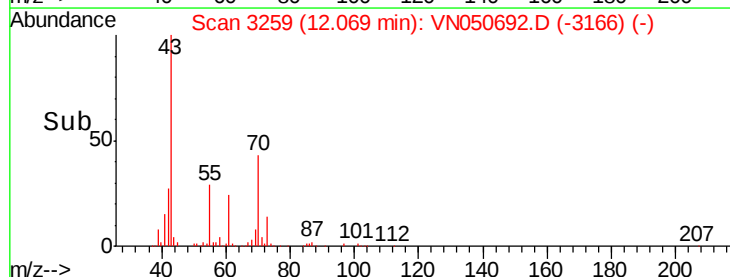
150000

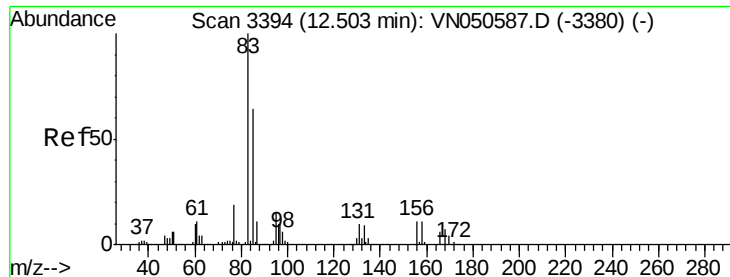
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.014 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

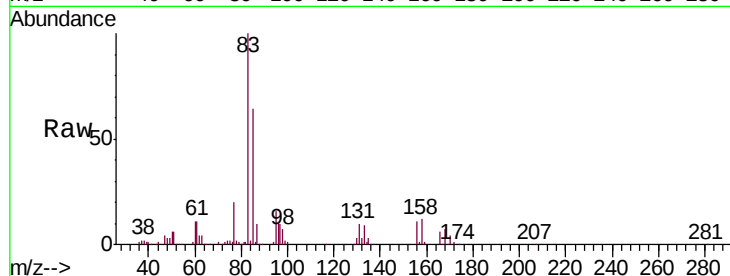
Tgt Ion: 83 Resp: 164000

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

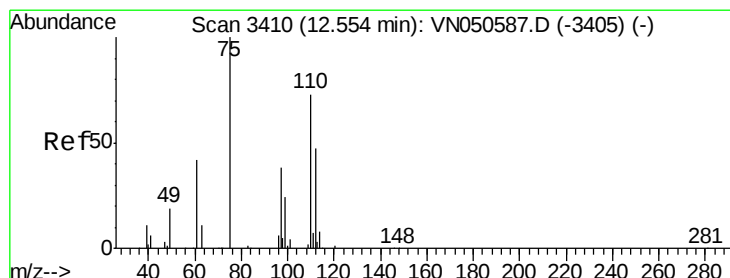
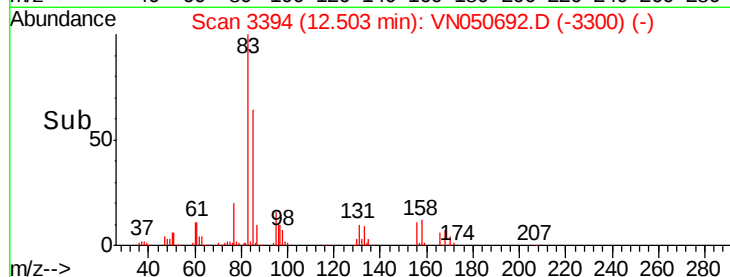
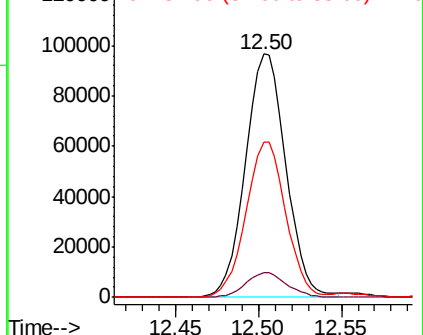
85 62.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.192 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050692.D

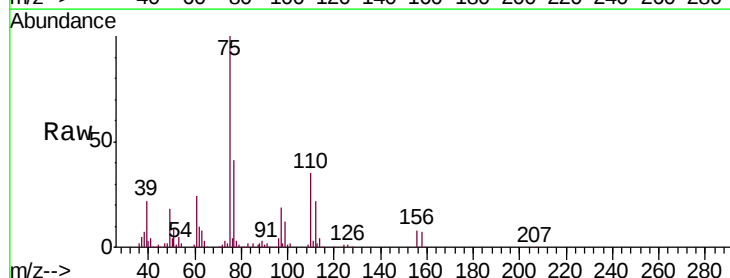
Acq: 16 Aug 2018 10:41

Tgt Ion: 75 Resp: 187086

Ion Ratio Lower Upper

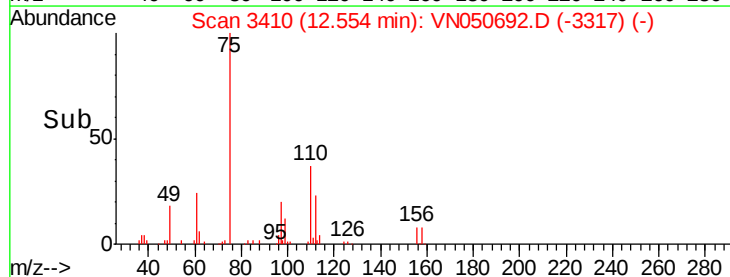
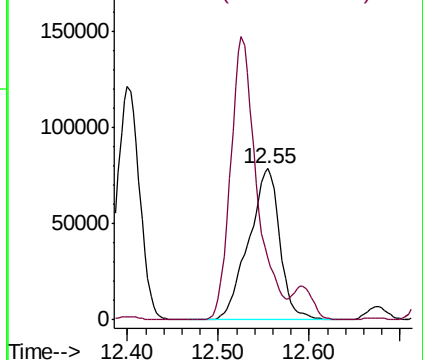
75 100

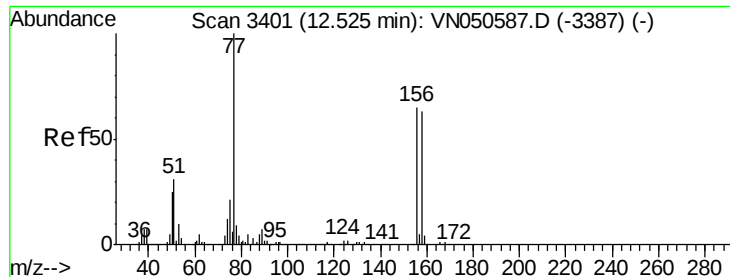
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.107 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

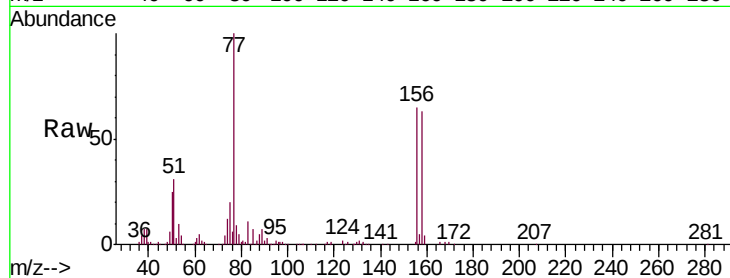
Tgt Ion:156 Resp: 163866

Ion Ratio Lower Upper

156 100

77 181.4 89.0 267.1

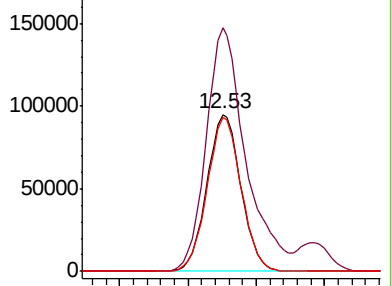
158 97.8 48.5 145.6



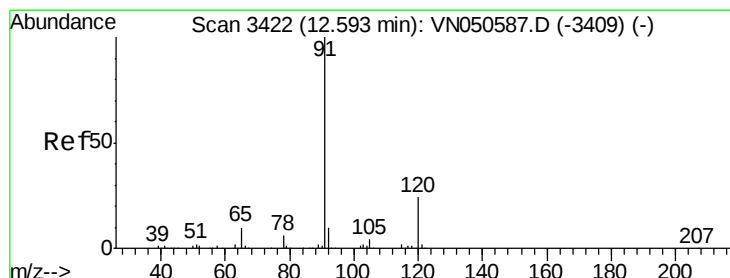
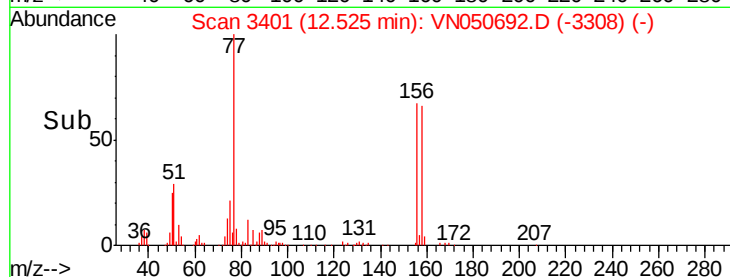
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 20.897 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050692.D

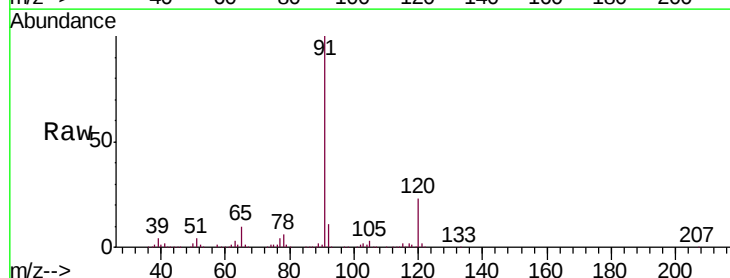
Acq: 16 Aug 2018 10:41

Tgt Ion: 91 Resp: 736109

Ion Ratio Lower Upper

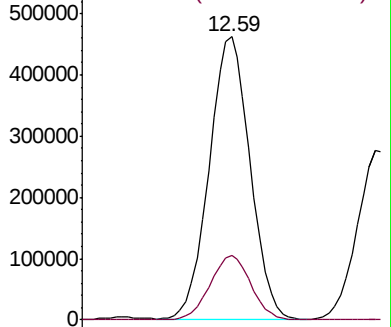
91 100

120 22.8 11.8 35.4

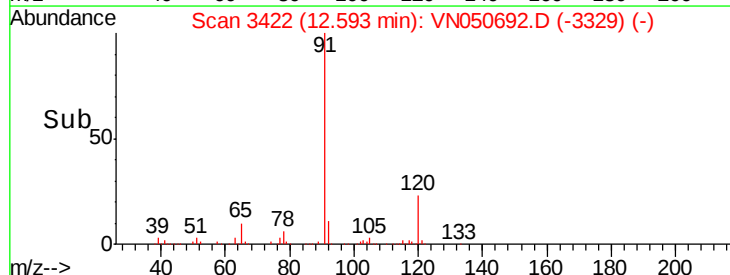


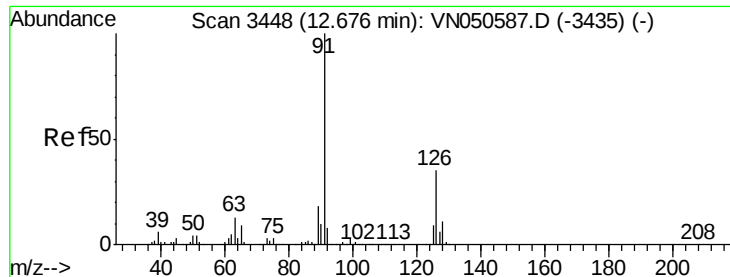
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 20.296 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampled :

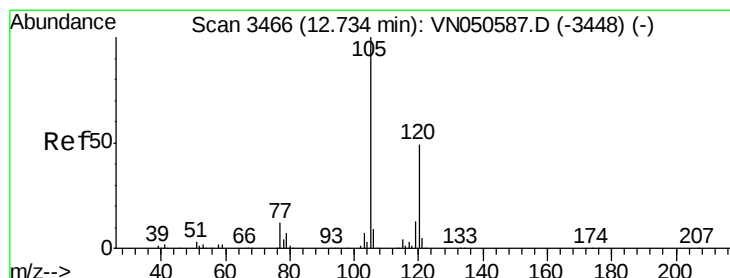
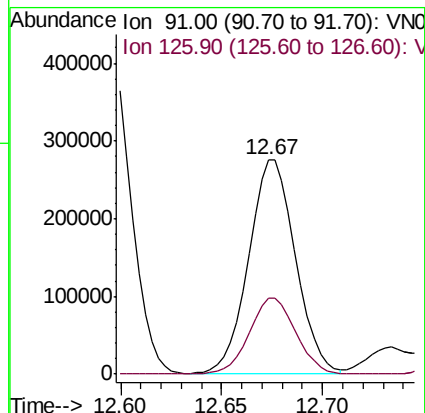
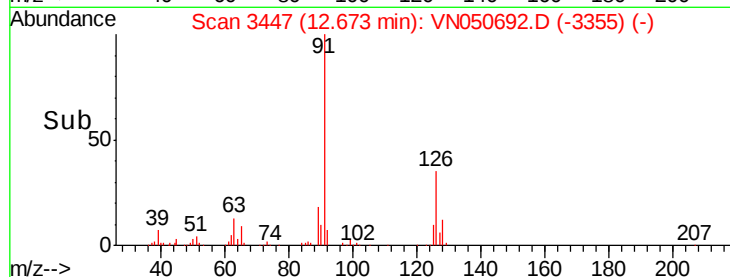
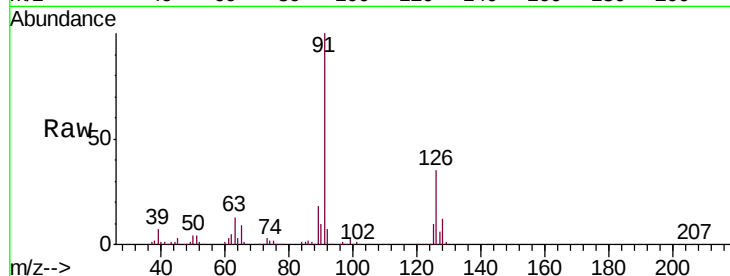
VN0816WBS01

Tgt Ion: 91 Resp: 445720

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.151 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050692.D

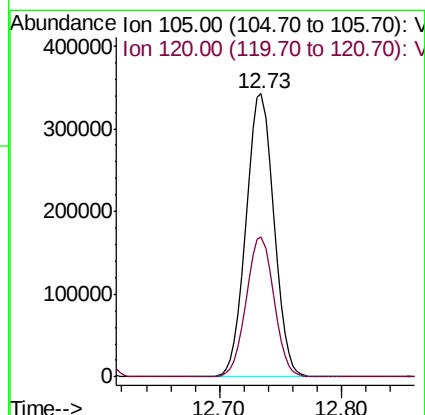
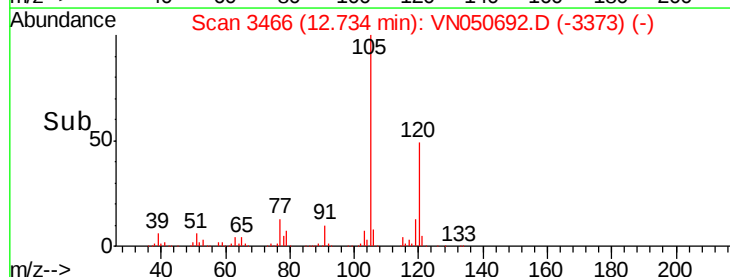
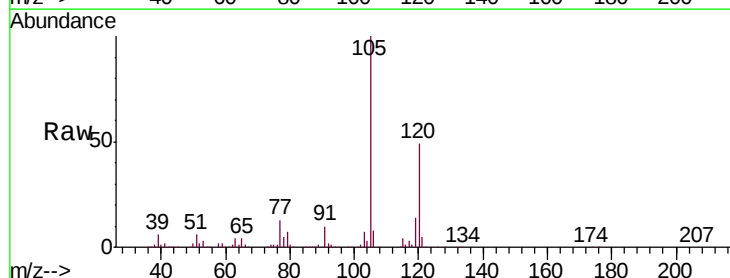
Acq: 16 Aug 2018 10:41

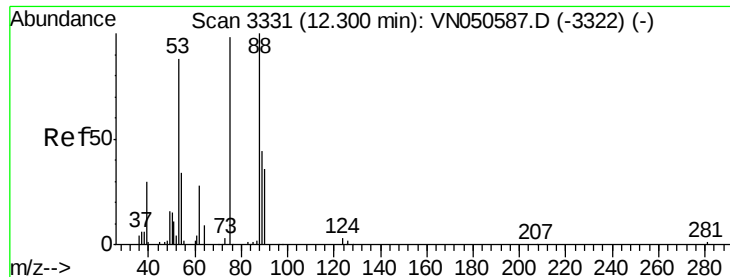
Tgt Ion: 105 Resp: 534945

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.500 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampled :

VN0816WBS01

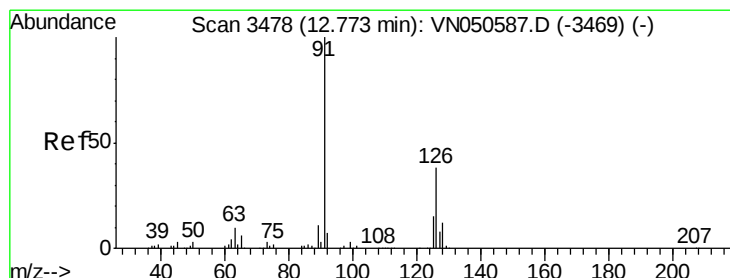
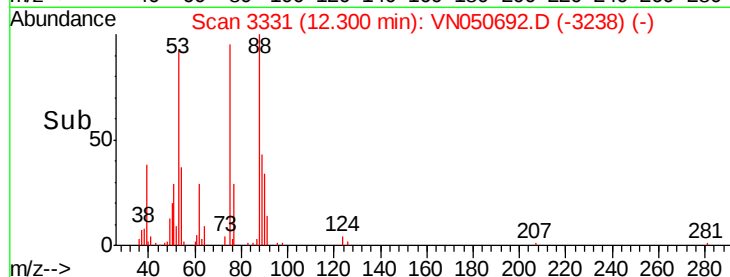
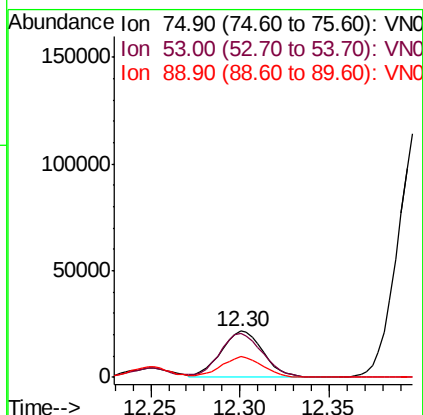
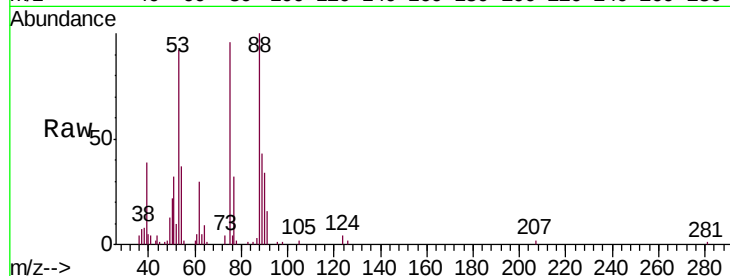
Tgt Ion: 75 Resp: 35463

Ion Ratio Lower Upper

75 100

53 98.1 72.2 108.2

89 44.7 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.455 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050692.D

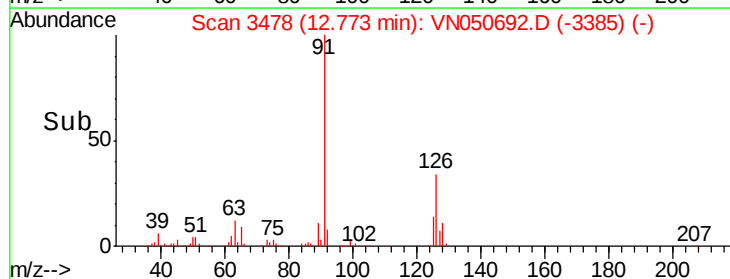
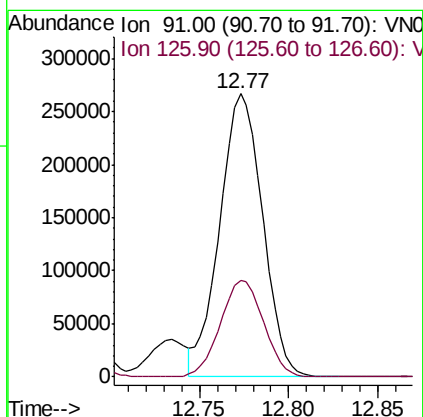
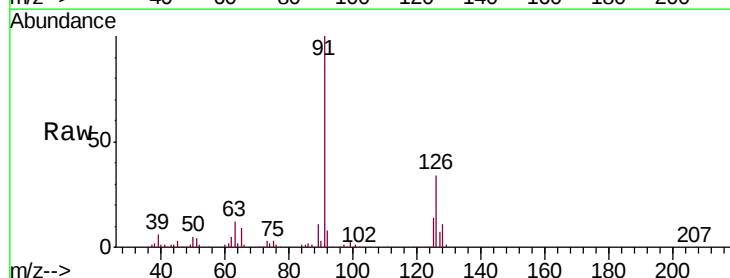
Acq: 16 Aug 2018 10:41

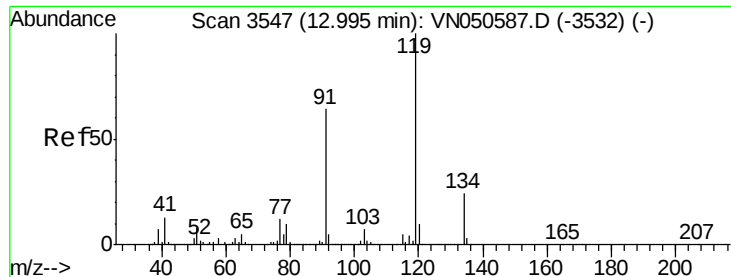
Tgt Ion: 91 Resp: 443919

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0

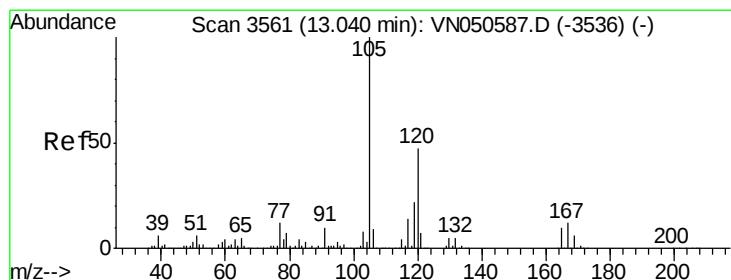
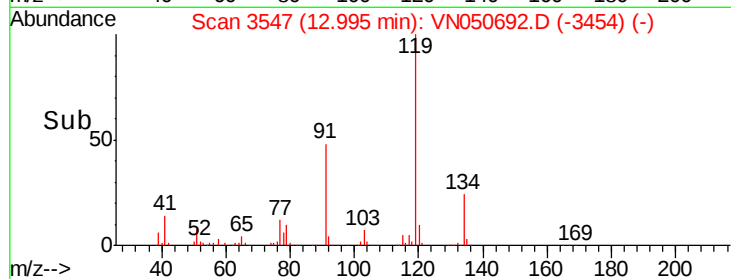
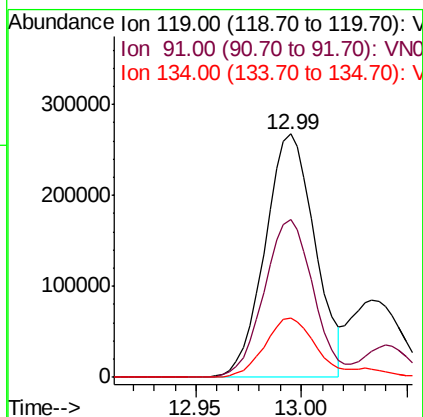
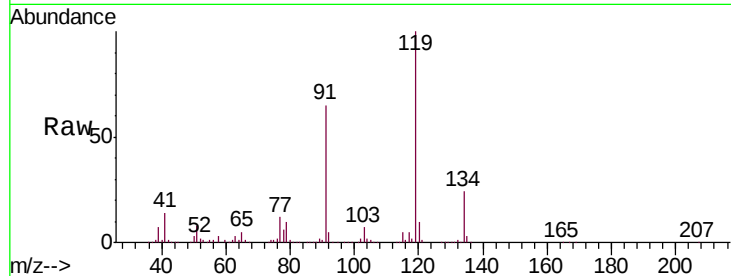




#83
 tert-Butylbenzene
 Concen: 20.057 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

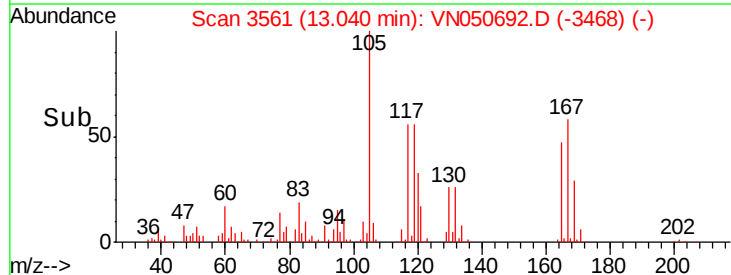
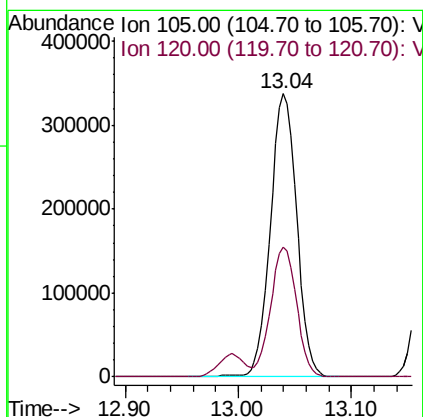
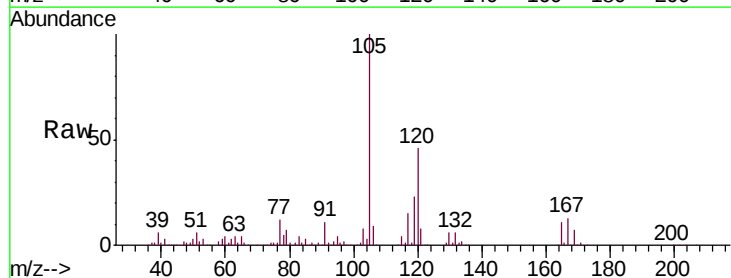
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

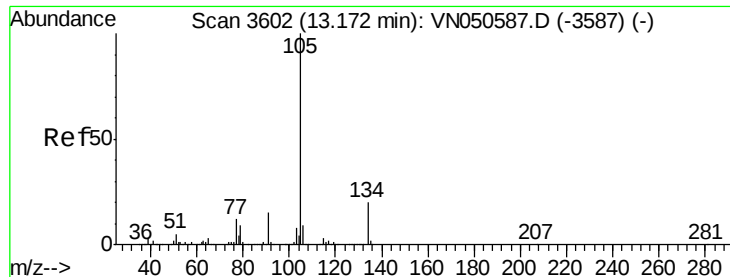
Tgt Ion:119 Resp: 440358
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.2 96.6
 134 24.5 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 21.454 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion:105 Resp: 544622
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.5

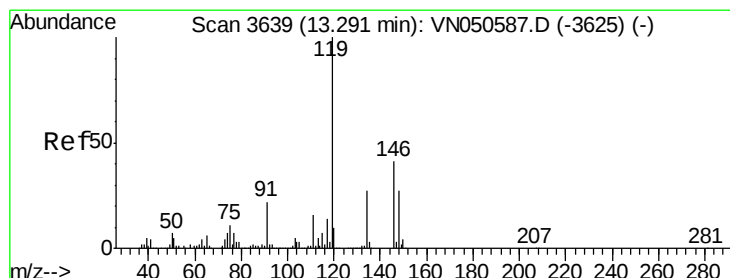
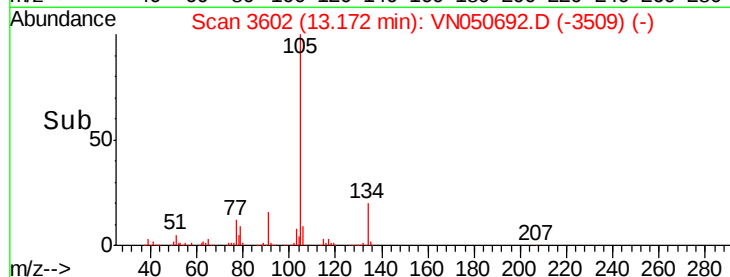
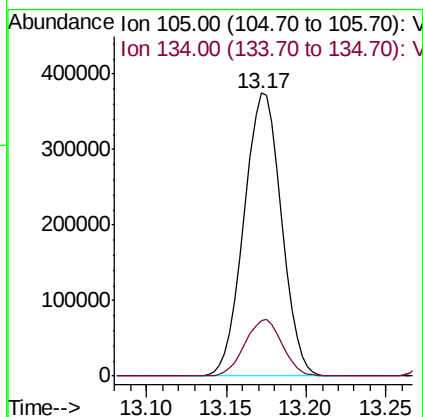
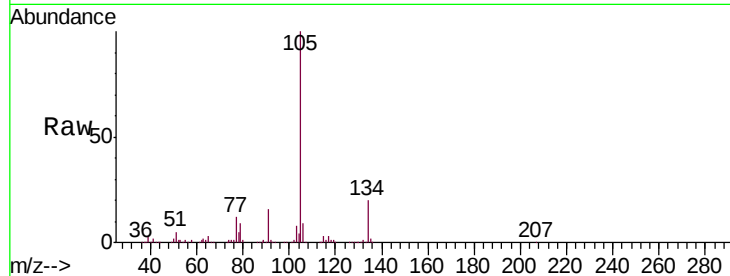




#85
 sec-Butylbenzene
 Concen: 20.921 ug/l
 RT: 13.17 min Scan# 3602
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

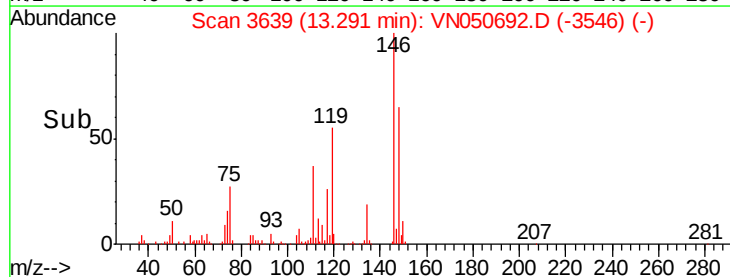
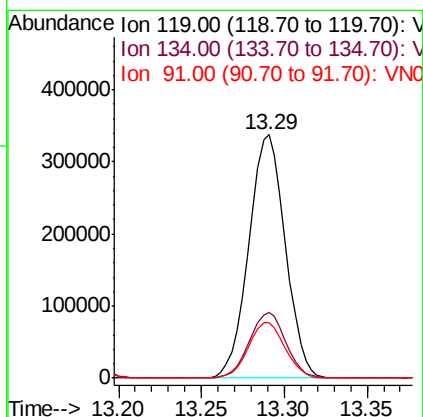
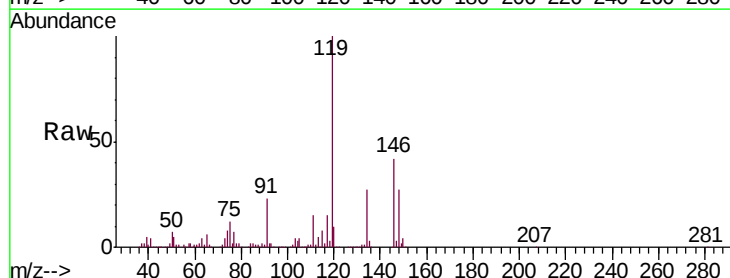
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

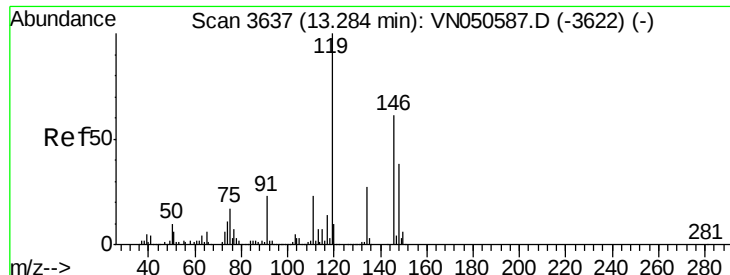
Tgt Ion:105 Resp: 600247
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.190 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion:119 Resp: 515136
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 22.8 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.457 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

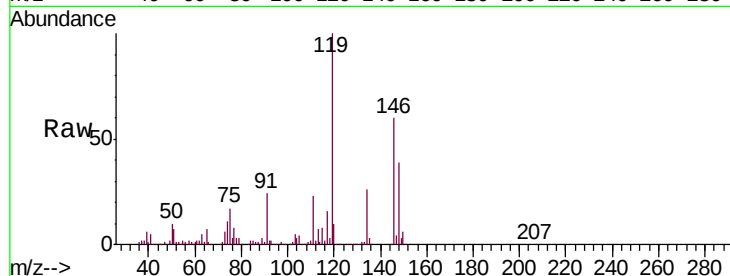
Tgt Ion:146 Resp: 284078

Ion Ratio Lower Upper

146 100

111 38.2 19.2 57.6

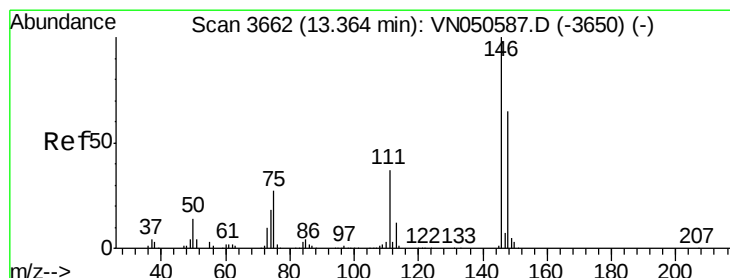
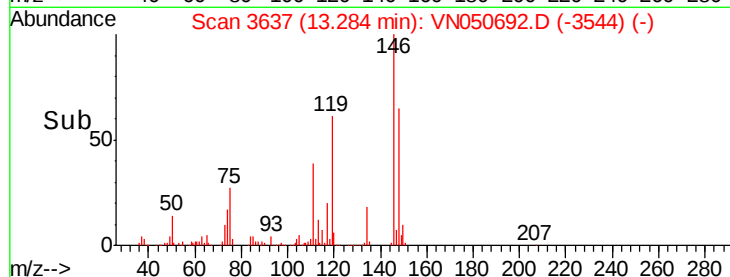
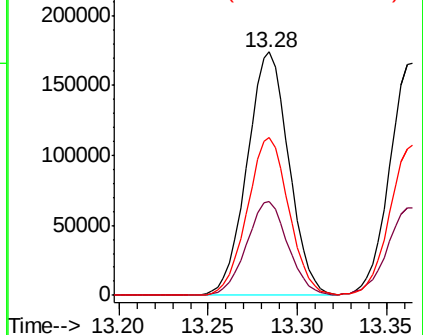
148 64.6 31.9 95.7



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: 19.151 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

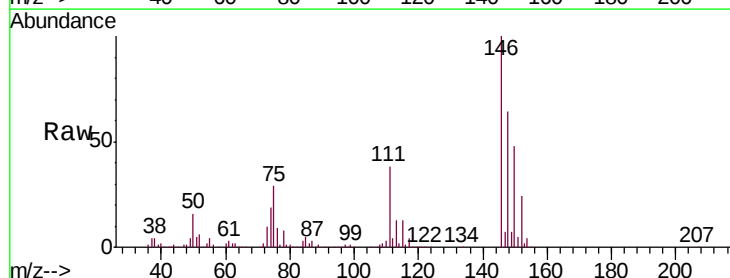
Tgt Ion:146 Resp: 277508

Ion Ratio Lower Upper

146 100

111 38.7 18.8 56.4

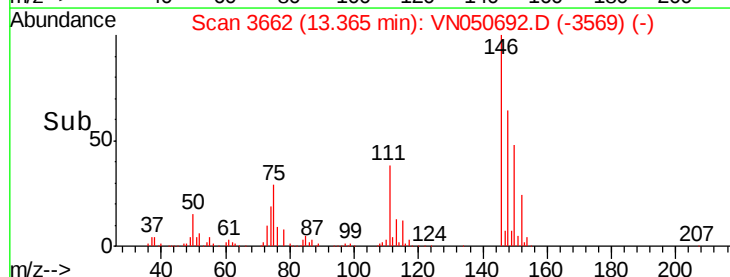
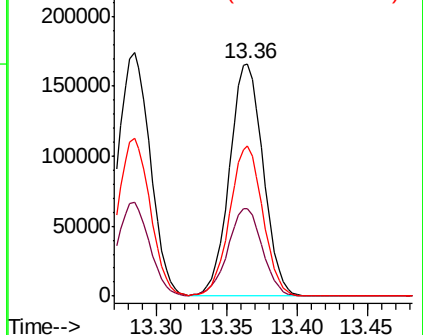
148 63.7 32.3 96.8

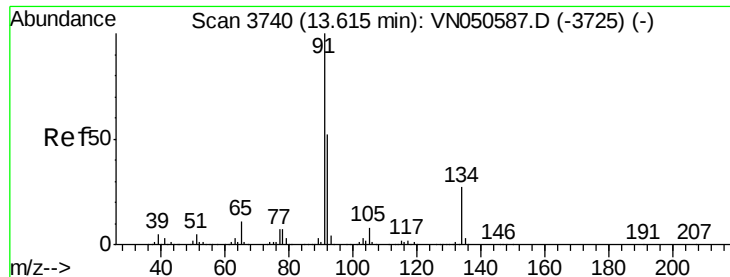


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

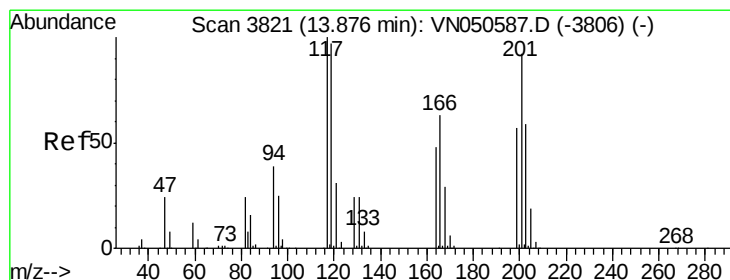
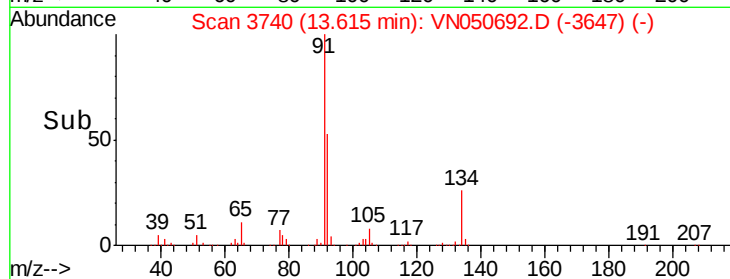
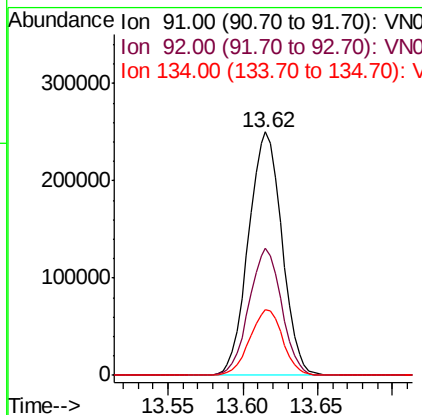
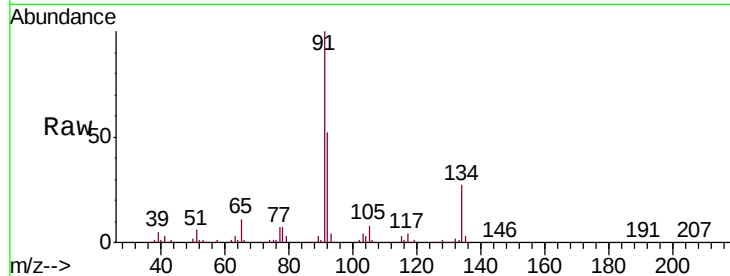




#89
n-Butylbenzene
Concen: 19.842 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

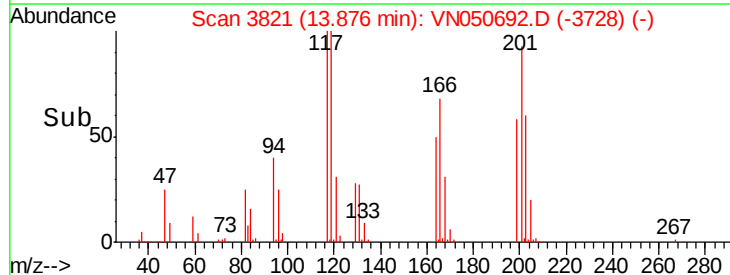
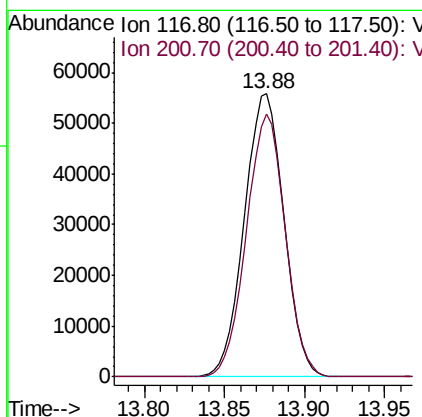
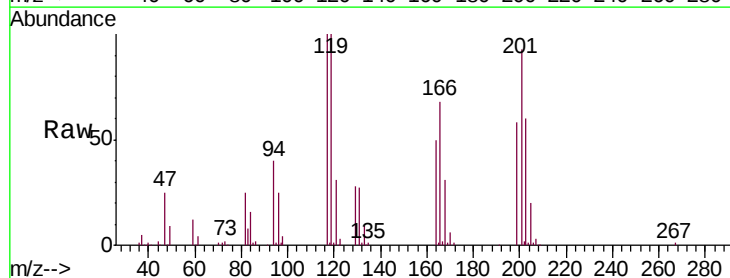
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

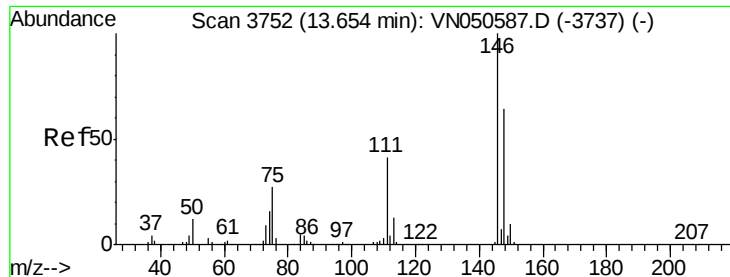
Tgt Ion: 91 Resp: 389521
Ion Ratio Lower Upper
91 100
92 50.8 26.3 78.8
134 26.5 13.3 39.9



#90
Hexachloroethane
Concen: 19.323 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion: 117 Resp: 94461
Ion Ratio Lower Upper
117 100
201 90.9 45.5 136.5





#91

1,2-Dichlorobenzene

Concen: 19.677 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

Instrument :

MSVOA_N

ClientSampled :

VN0816WBS01

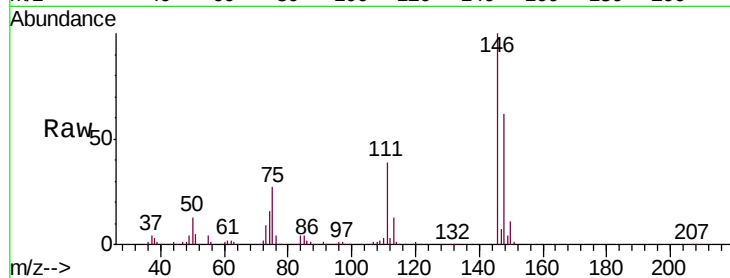
Tgt Ion:146 Resp: 280284

Ion Ratio Lower Upper

146 100

111 38.9 19.8 59.4

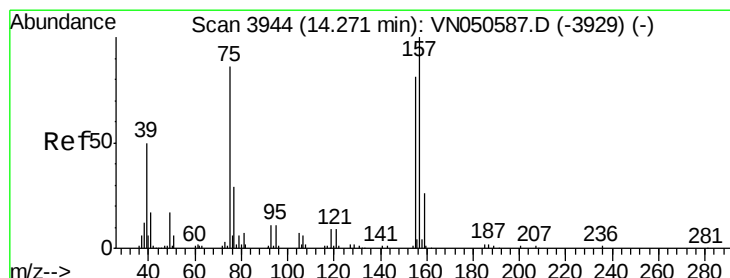
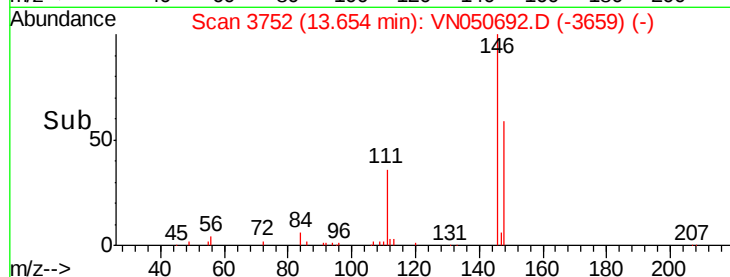
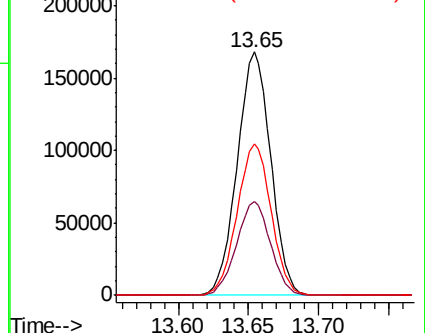
148 62.9 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.832 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050692.D

Acq: 16 Aug 2018 10:41

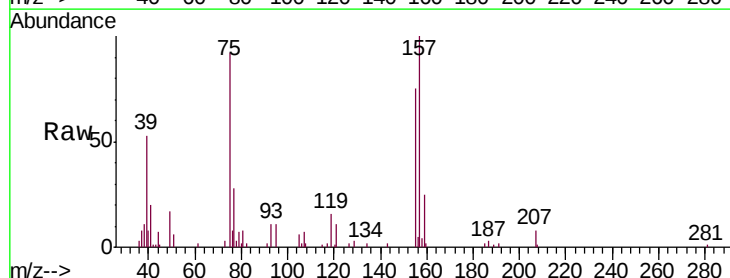
Tgt Ion: 75 Resp: 22352

Ion Ratio Lower Upper

75 100

155 85.2 46.6 139.8

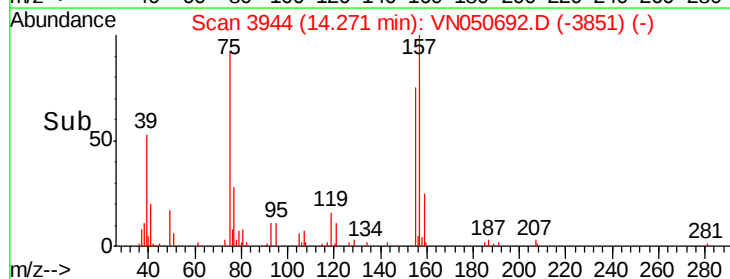
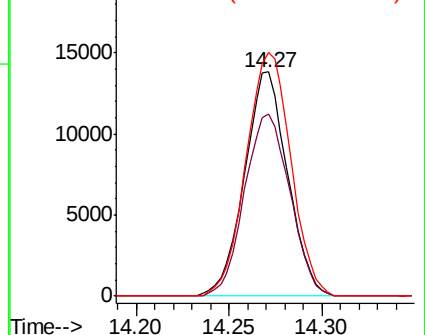
157 112.8 58.1 174.2

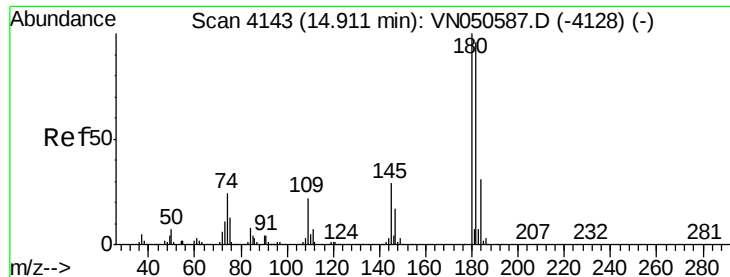


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

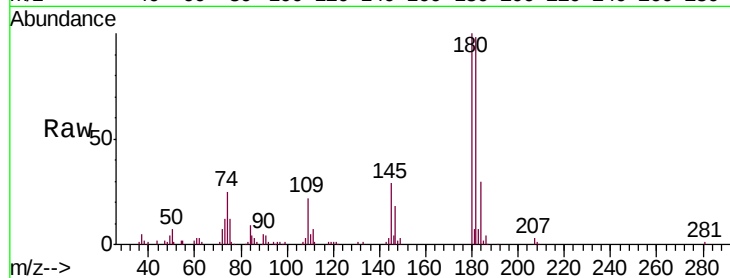




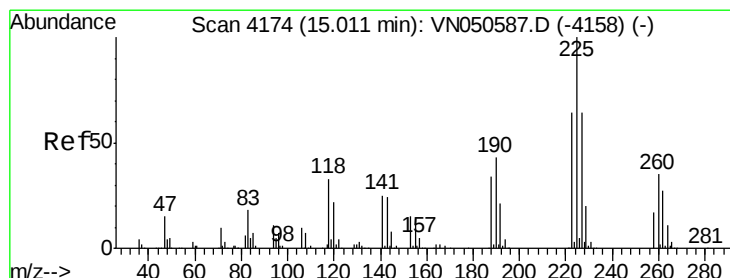
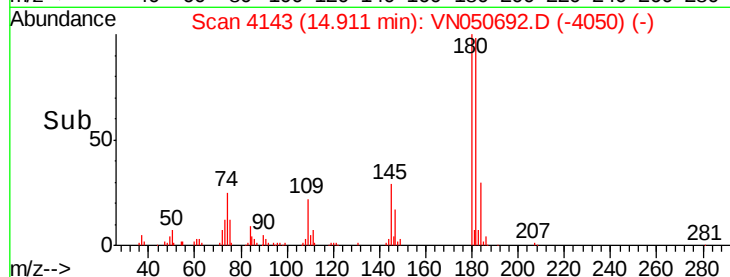
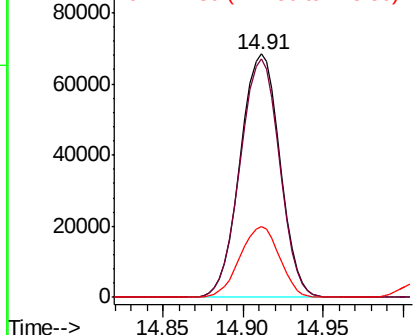
#93
 1,2,4-Trichlorobenzene
 Concen: 17.698 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

Tgt Ion:180 Resp: 116032
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.9 143.7
 145 28.9 14.4 43.4

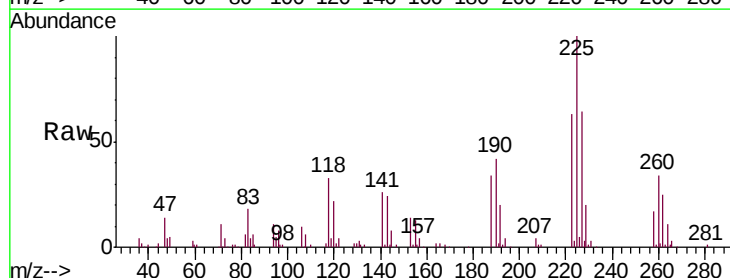


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

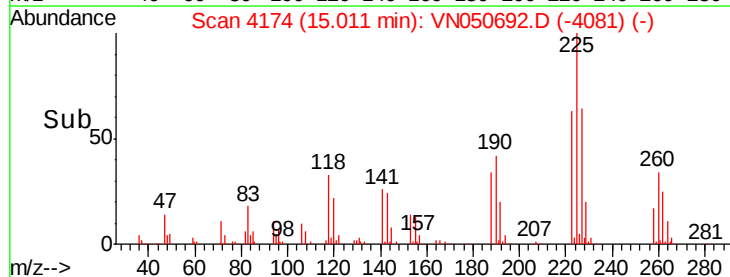
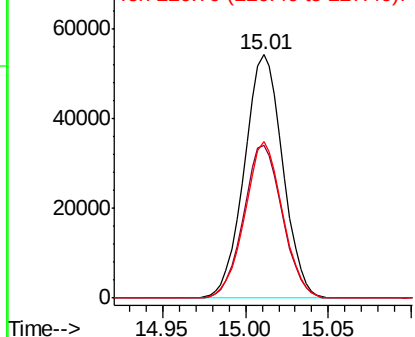


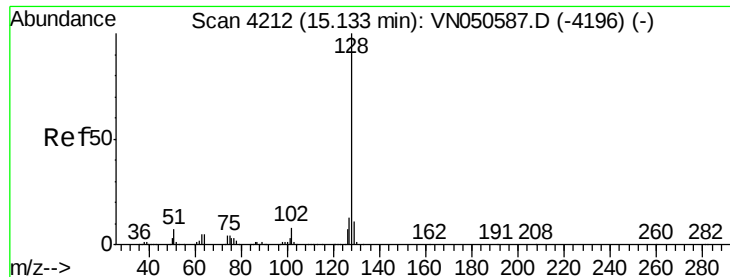
#94
 Hexachlorobutadiene
 Concen: 20.033 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050692.D
 Acq: 16 Aug 2018 10:41

Tgt Ion:225 Resp: 87489
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.1 96.3
 227 63.0 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

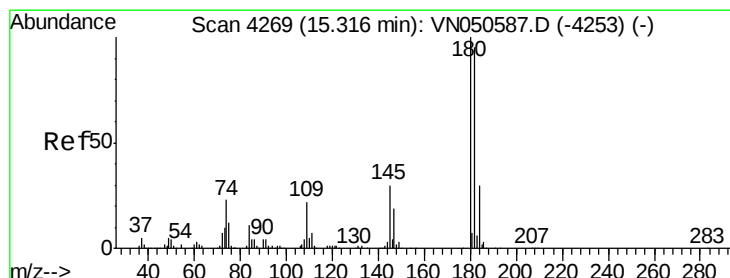
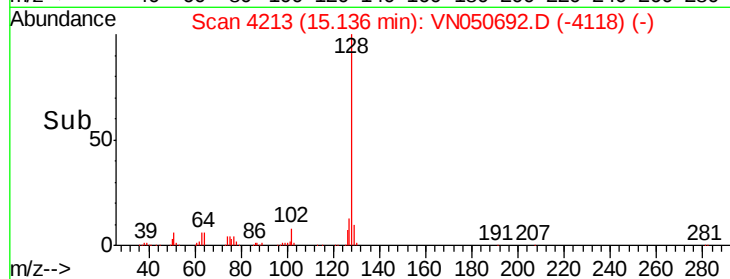
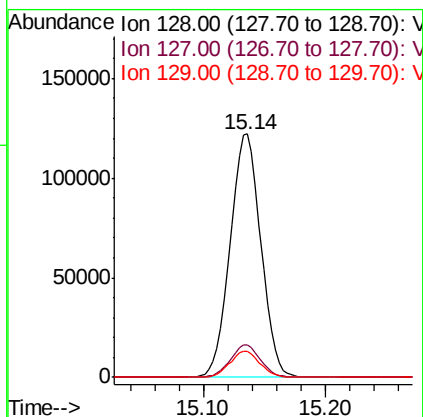
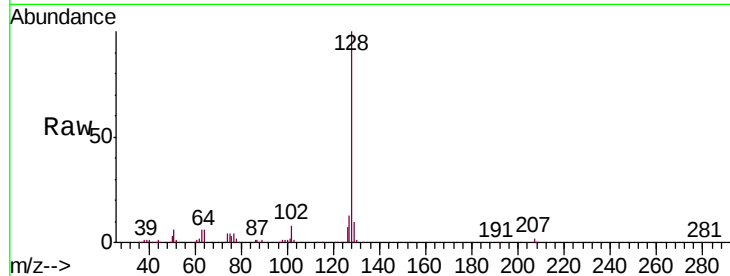




#95
Naphthalene
Concen: 16.547 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

Tgt Ion:128 Resp: 213804
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.5 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.102 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050692.D
Acq: 16 Aug 2018 10:41

Tgt Ion:180 Resp: 114819
Ion Ratio Lower Upper
180 100
182 97.9 47.3 141.8
145 29.3 14.6 44.0

