

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050595.D
 Acq On : 14 Aug 2018 12:18
 Operator : MD\SY
 Sample : VN0814WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

Quant Time: Aug 15 08:34:37 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	715777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1041625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	924848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	456013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	447232	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.59	113	415962	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.09	98	1540710	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.40	95	479897	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	155155	19.228	ug/l	98
3) Chloromethane	2.06	50	194795	19.505	ug/l	100
4) Vinyl Chloride	2.18	62	201512	18.798	ug/l	97
5) Bromomethane	2.56	94	104396	16.729	ug/l	96
6) Chloroethane	2.70	64	122475	19.595	ug/l	98
7) Trichlorofluoromethane	3.01	101	270273	19.215	ug/l	99
8) Diethyl Ether	3.41	74	91444	19.545	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	166805	19.610	ug/l	100
10) Methyl Iodide	3.95	142	109131	22.489	ug/l	99
11) Tert butyl alcohol	4.80	59	52206	105.969	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	149743	19.280	ug/l	99
13) Acrolein	3.61	56	17241	85.242	ug/l	96
14) Allyl chloride	4.33	41	234685	19.426	ug/l	99
15) Acrylonitrile	4.99	53	265786	98.231	ug/l	100
16) Acetone	3.82	43	251613	110.882	ug/l	99
17) Carbon Disulfide	4.05	76	467284	19.119	ug/l	100
18) Methyl Acetate	4.33	43	129800	19.884	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	400844	20.279	ug/l	100
20) Methylene Chloride	4.55	84	175333	19.674	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	166670	19.794	ug/l	96
22) Diisopropyl ether	5.96	45	512995	20.711	ug/l	99
23) Vinyl Acetate	5.90	43	1674161	103.325	ug/l	100
24) 1,1-Dichloroethane	5.85	63	306914	19.150	ug/l	100
25) 2-Butanone	6.84	43	391495	105.830	ug/l	98
26) 2,2-Dichloropropane	6.83	77	251295	23.425	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	184141	19.640	ug/l	98
28) Bromochloromethane	7.20	49	144404	19.798	ug/l	99
29) Tetrahydrofuran	7.22	42	201042	104.084	ug/l	99
30) Chloroform	7.37	83	305740	18.825	ug/l	97
31) Cyclohexane	7.66	56	271116	19.613	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	264783	19.369	ug/l	98
36) 1,1-Dichloropropene	7.80	75	232641	20.064	ug/l	100
37) Ethyl Acetate	6.93	43	146734	22.387	ug/l	99
38) Carbon Tetrachloride	7.78	117	235763	19.600	ug/l	98

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 Operator : MD\SY
 Sample : VN0814WBS01
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	245427	20.444	ug/l	99
40) Benzene	8.04	78	708078	20.074	ug/l	100
41) Methacrylonitrile	7.20	41	100813m	28.451	ug/l	
42) 1,2-Dichloroethane	8.13	62	216369	20.013	ug/l	100
43) Isopropyl Acetate	8.17	43	240266	20.115	ug/l #	87
44) Trichloroethene	8.84	130	184252	19.500	ug/l	99
45) 1,2-Dichloropropane	9.12	63	185795	19.784	ug/l	99
46) Dibromomethane	9.21	93	109679	19.779	ug/l	97
47) Bromodichloromethane	9.40	83	230295	19.431	ug/l	99
48) Methyl methacrylate	9.20	41	119262	19.843	ug/l	100
49) 1,4-Dioxane	9.20	88	31665	399.920	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	847553	104.918	ug/l	100
52) Toluene	10.16	92	426351	20.243	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	221157	20.033	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	265975	21.002	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	156799	19.928	ug/l	100
56) Ethyl methacrylate	10.43	69	181420	19.291	ug/l	98
57) 1,3-Dichloropropane	10.71	76	259458	20.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	437439	97.609	ug/l	100
59) 2-Hexanone	10.75	43	564093	108.191	ug/l	99
60) Dibromochloromethane	10.90	129	170363	19.619	ug/l	100
61) 1,2-Dibromoethane	11.01	107	147750	19.718	ug/l	100
64) Tetrachloroethene	10.63	164	167560	19.509	ug/l	97
65) Chlorobenzene	11.43	112	455240	19.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	170323	19.740	ug/l	99
67) Ethyl Benzene	11.51	91	749753	20.173	ug/l	100
68) m/p-Xylenes	11.62	106	584052	41.088	ug/l	99
69) o-Xylene	11.95	106	274279	20.237	ug/l	99
70) Styrene	11.96	104	444909	19.051	ug/l	100
71) Bromoform	12.13	173	112475	19.659	ug/l #	99
73) Isopropylbenzene	12.25	105	728690	20.453	ug/l	100
74) N-amyl acetate	12.07	43	190171	20.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	183634	20.845	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	142348m	18.678	ug/l	
77) Bromobenzene	12.53	156	188131	19.449	ug/l	99
78) n-propylbenzene	12.59	91	815566	20.528	ug/l	99
79) 2-Chlorotoluene	12.68	91	496098	20.028	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	596235	20.901	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43228	21.075	ug/l	98
82) 4-Chlorotoluene	12.77	91	499404	20.403	ug/l	100
83) tert-Butylbenzene	12.99	119	491889	19.864	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	607422	21.215	ug/l	99
85) sec-Butylbenzene	13.17	105	663972	20.519	ug/l	99
86) p-Isopropyltoluene	13.29	119	574202	20.941	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	323170	19.625	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	315301	19.292	ug/l	100
89) n-Butylbenzene	13.62	91	439626	19.855	ug/l	99
90) Hexachloroethane	13.88	117	101455	18.401	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	311218	19.371	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26018	20.467	ug/l	96

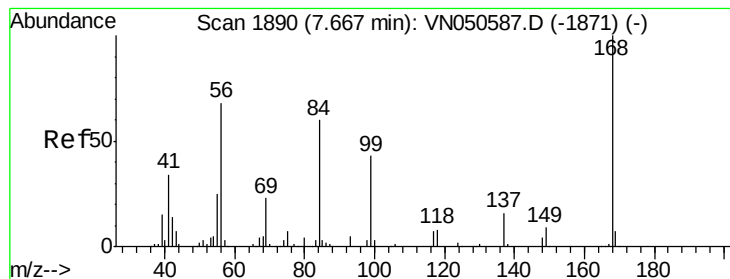
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
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Quant Time: Aug 15 08:34:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139563	18.696	ug/l	100
94) Hexachlorobutadiene	15.01	225	97895	19.875	ug/l	98
95) Naphthalene	15.13	128	274685	18.312	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	136902	19.026	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

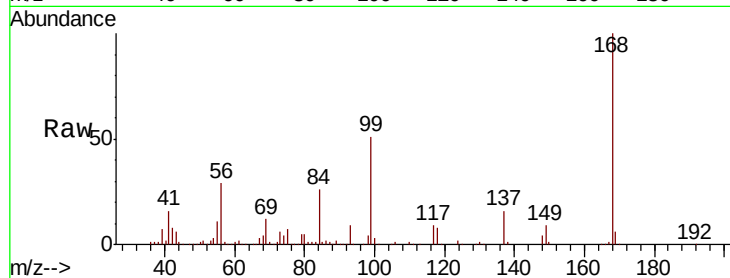
VN0814WBS01

Tgt Ion:168 Resp: 715777

Ion Ratio Lower Upper

168 100

99 50.2 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

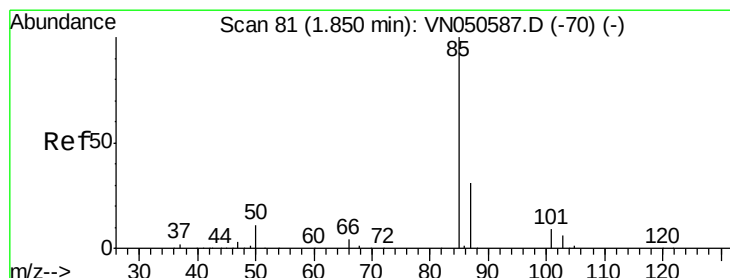
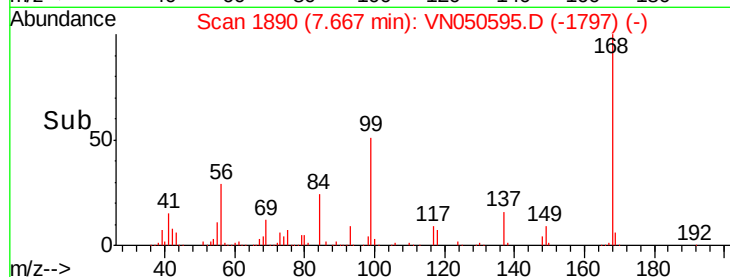
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.228 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050595.D

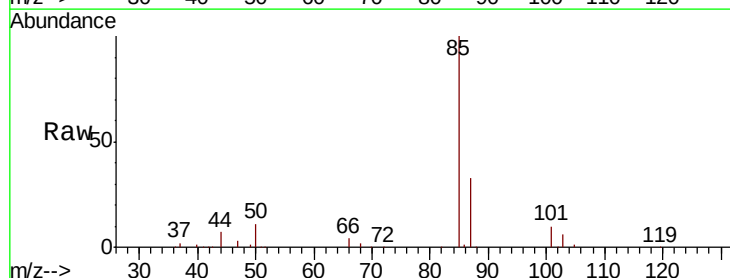
Acq: 14 Aug 2018 12:18

Tgt Ion: 85 Resp: 155155

Ion Ratio Lower Upper

85 100

87 32.6 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

120000

100000

80000

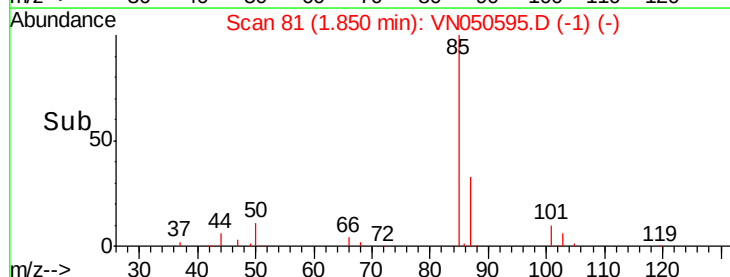
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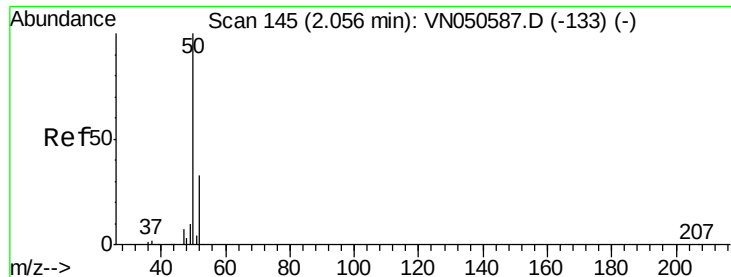
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.505 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

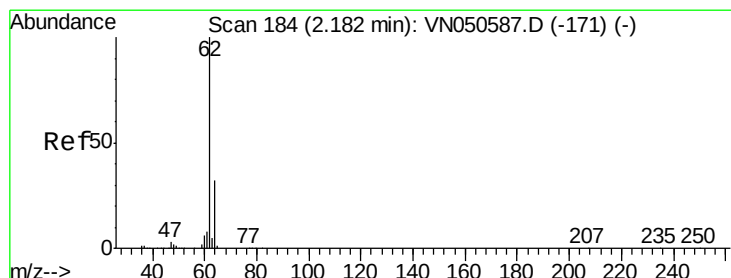
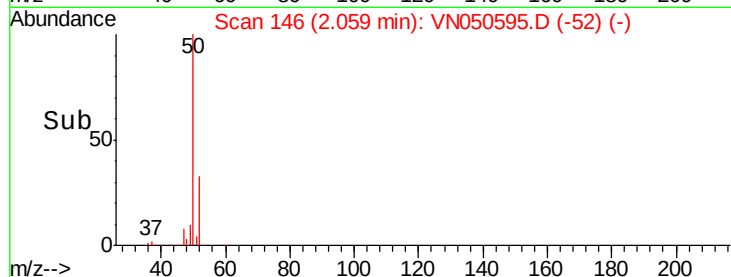
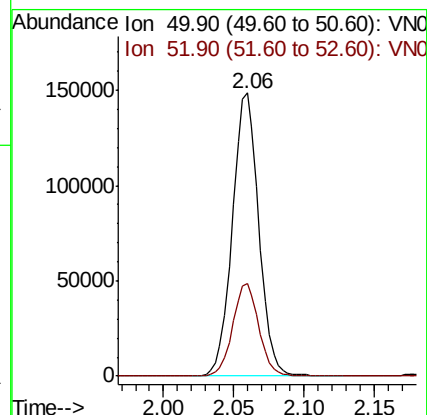
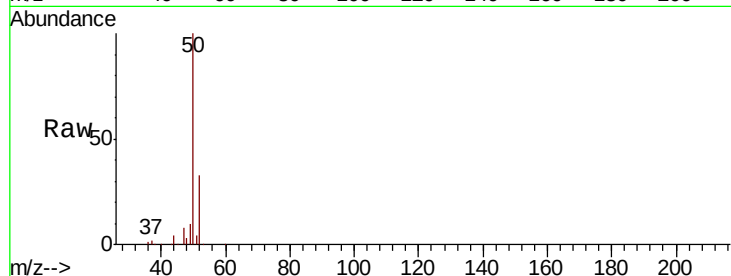
VN0814WBS01

Tgt Ion: 50 Resp: 194795

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 18.798 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050595.D

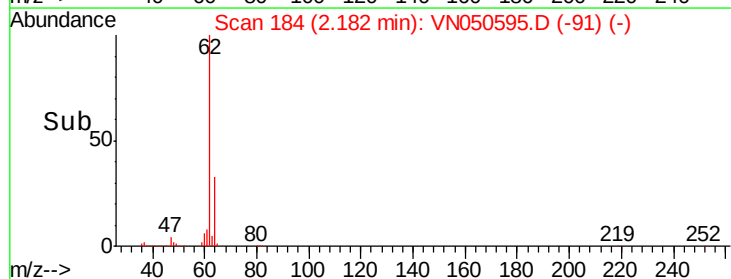
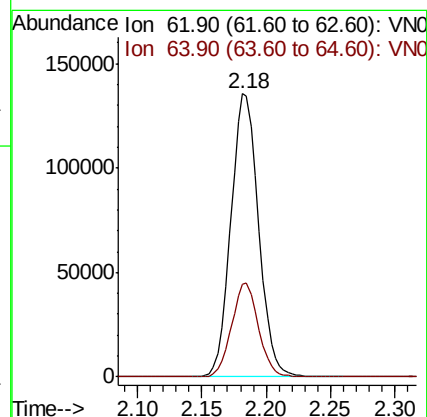
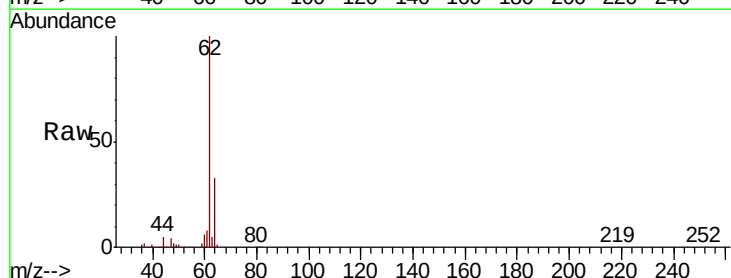
Acq: 14 Aug 2018 12:18

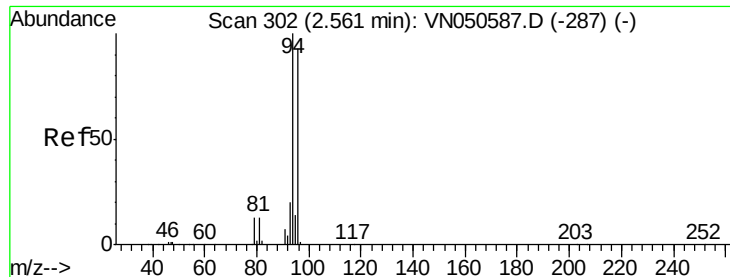
Tgt Ion: 62 Resp: 201512

Ion Ratio Lower Upper

62 100

64 32.9 25.2 37.8





#5

Bromomethane

Concen: 16.729 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

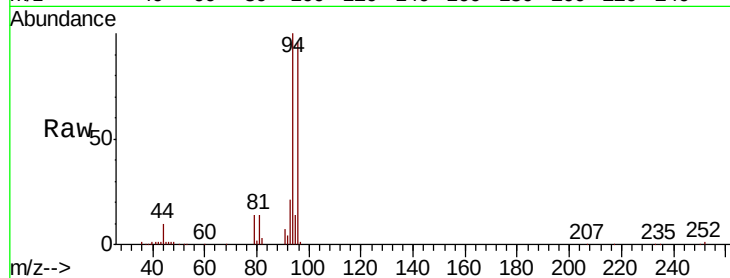
VN0814WBS01

Tgt Ion: 94 Resp: 104396

Ion Ratio Lower Upper

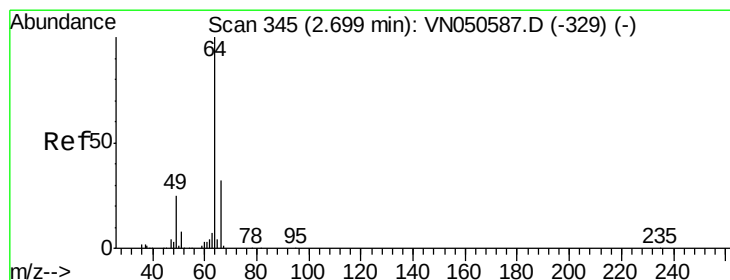
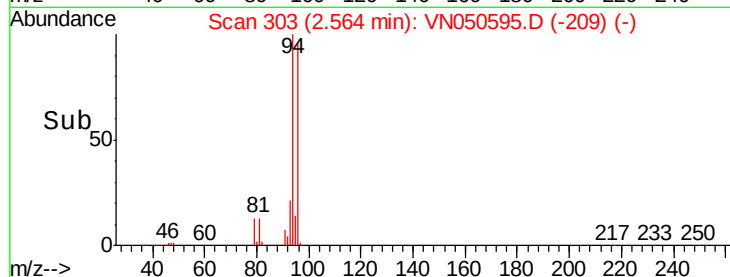
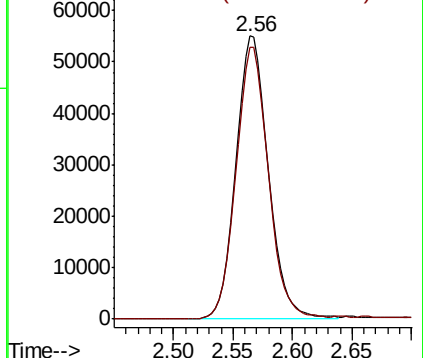
94 100

96 96.1 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: 19.595 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050595.D

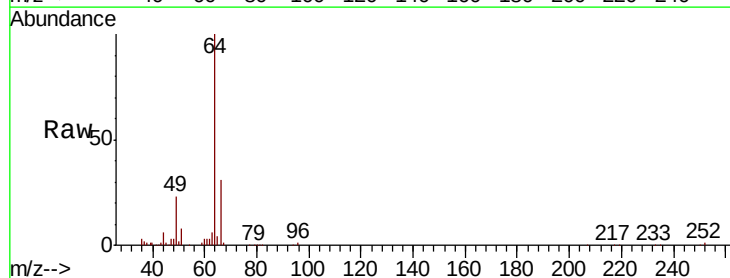
Acq: 14 Aug 2018 12:18

Tgt Ion: 64 Resp: 122475

Ion Ratio Lower Upper

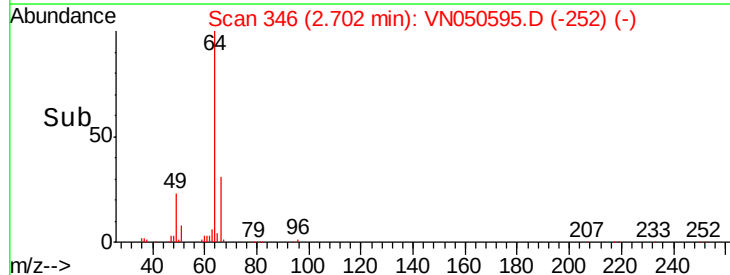
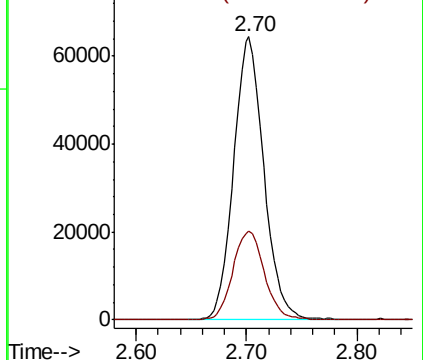
64 100

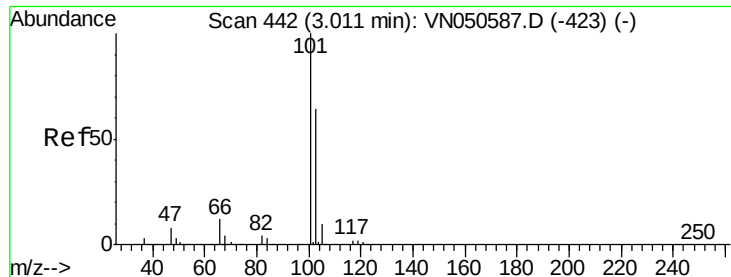
66 31.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



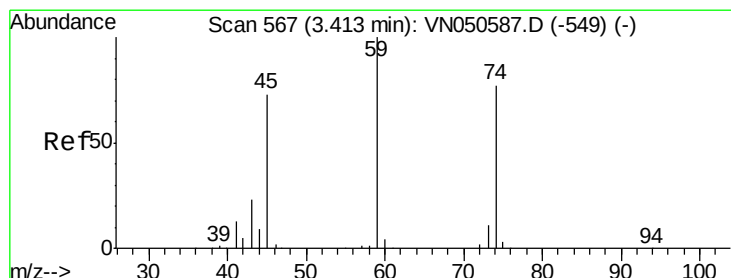
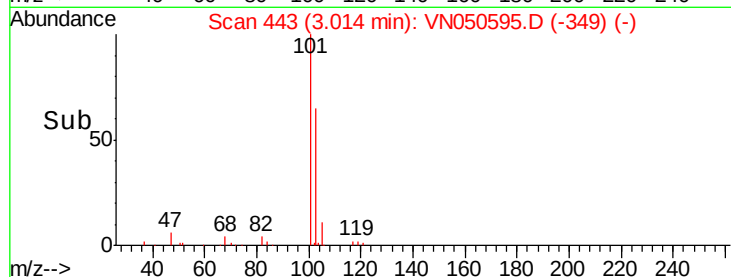
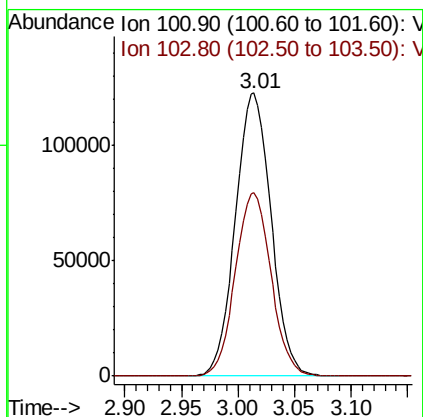
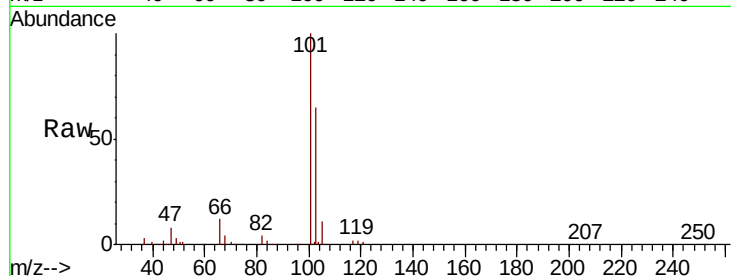


#7

Trichlorofluoromethane
Concen: 19.215 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

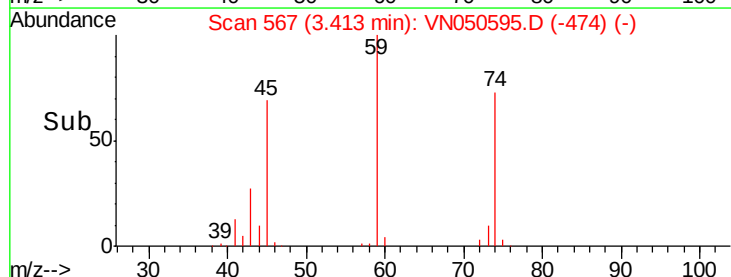
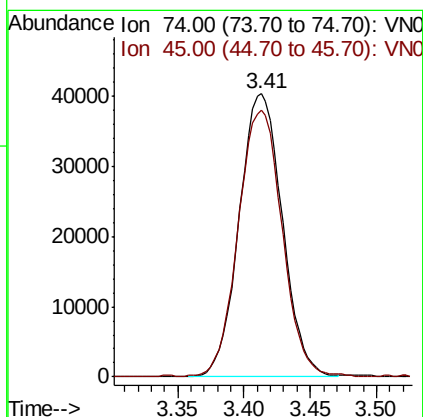
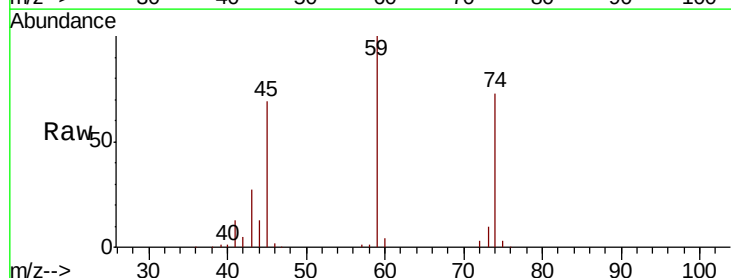
Tgt Ion: 101 Resp: 270273
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

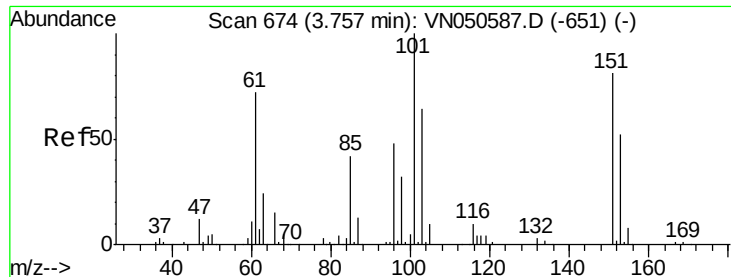


#8

Diethyl Ether
Concen: 19.545 ug/l
RT: 3.41 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion: 74 Resp: 91444
Ion Ratio Lower Upper
74 100
45 96.4 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.610 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS01

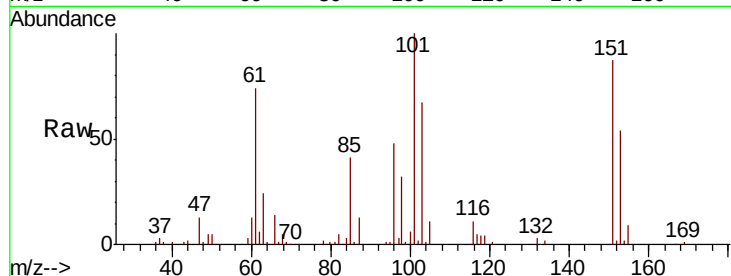
Tgt Ion:101 Resp: 166805

Ion Ratio Lower Upper

101 100

85 42.0 33.4 50.0

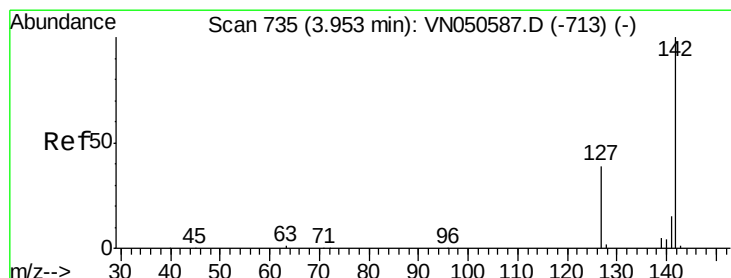
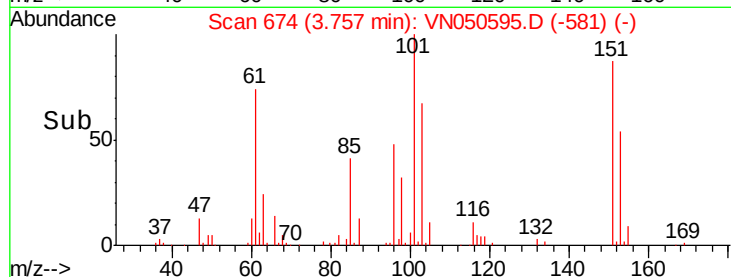
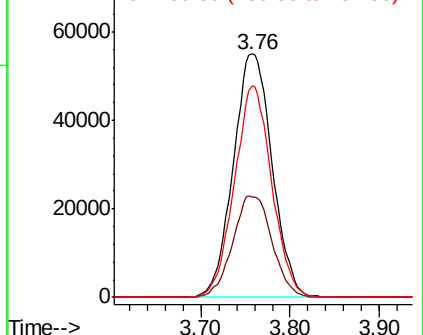
151 83.3 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.489 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

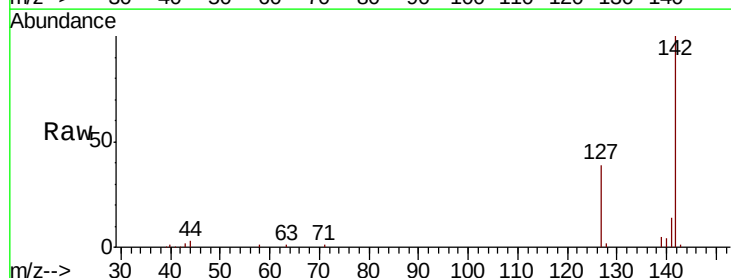
Tgt Ion:142 Resp: 109131

Ion Ratio Lower Upper

142 100

127 40.3 32.6 49.0

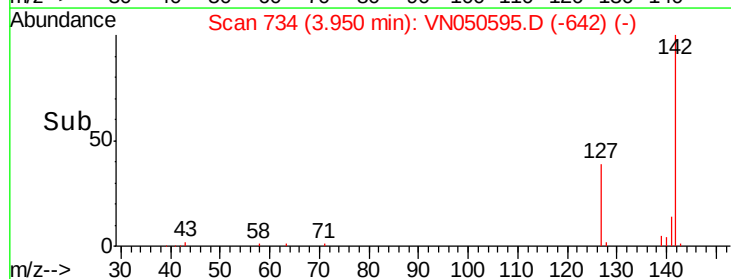
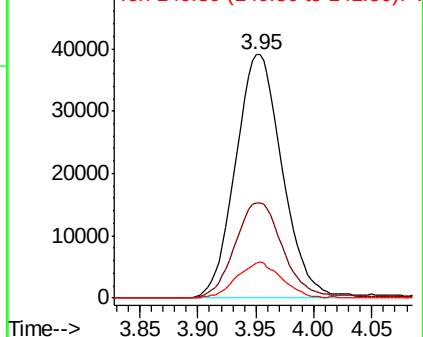
141 14.4 11.5 17.3

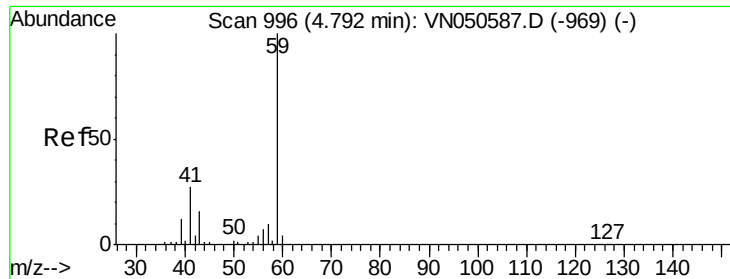


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

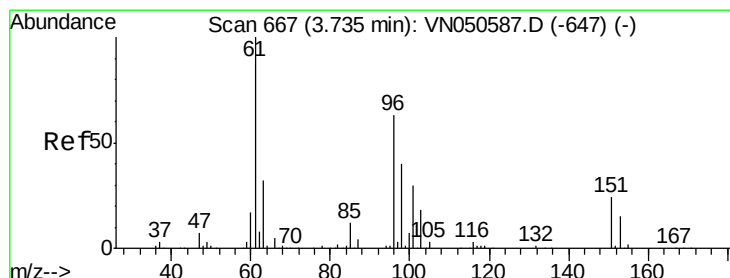
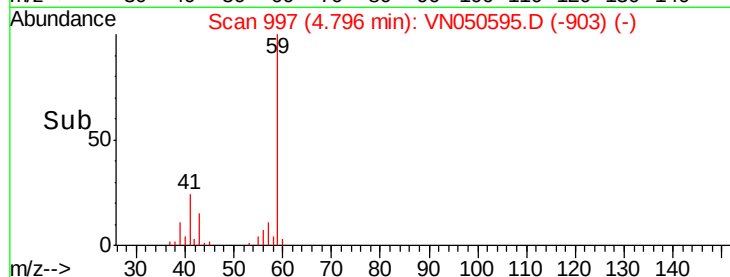
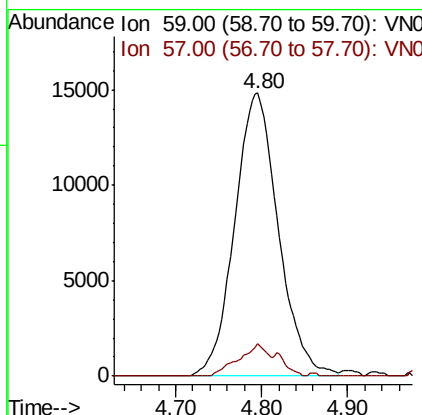
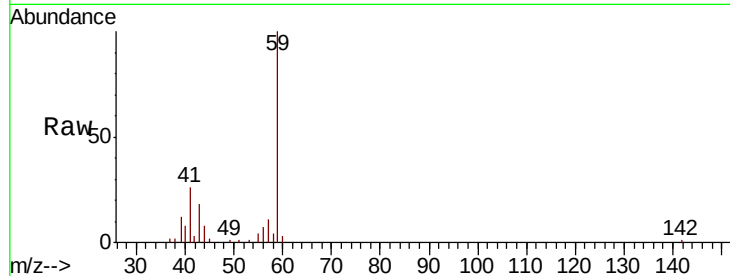




#11
Tert butyl alcohol
Concen: 105.969 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

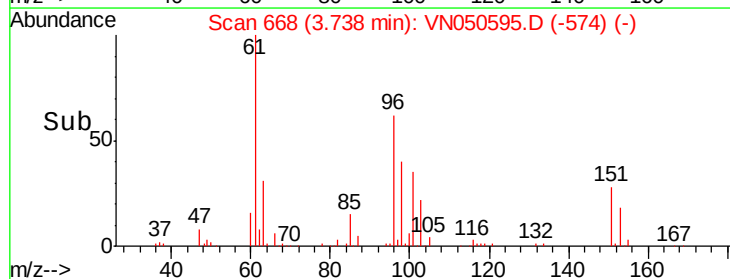
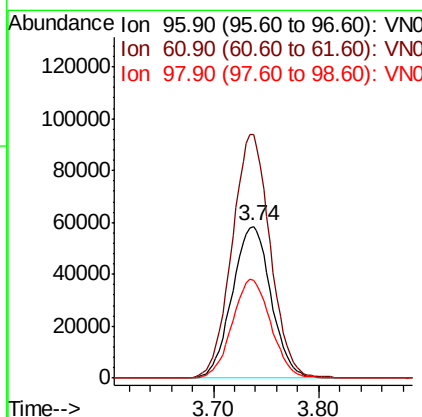
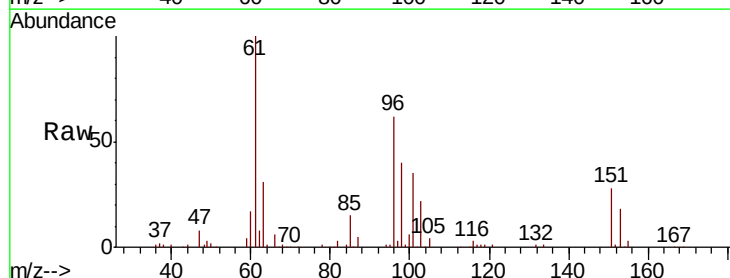
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

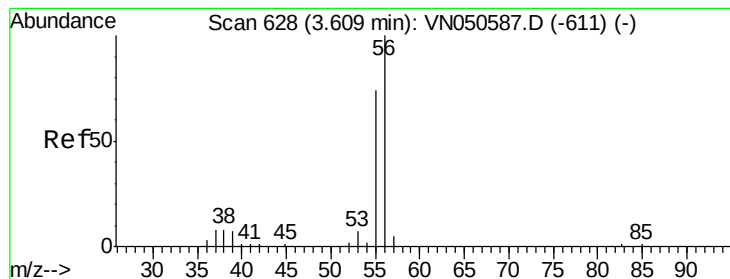
Tgt Ion: 59 Resp: 52206
Ion Ratio Lower Upper
59 100
57 7.5 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 19.280 ug/l
RT: 3.74 min Scan# 668
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion: 96 Resp: 149743
Ion Ratio Lower Upper
96 100
61 160.1 126.9 190.3
98 64.3 51.1 76.7





#13

Acrolein

Concen: 85.242 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

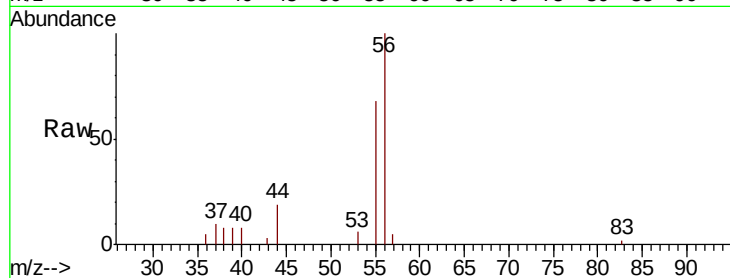
VN0814WBS01

Tgt Ion: 56 Resp: 17241

Ion Ratio Lower Upper

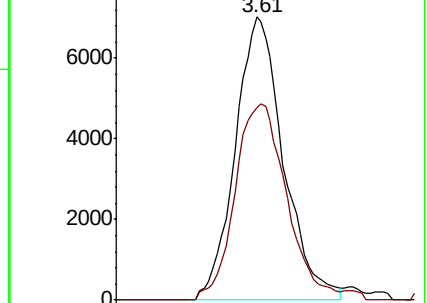
56 100

55 74.0 56.3 84.5

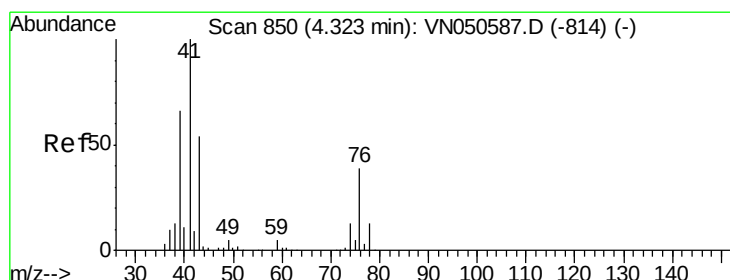
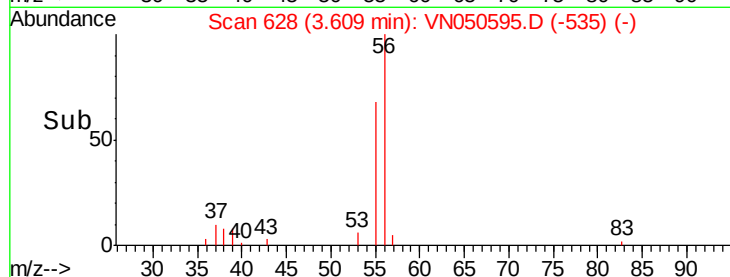


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#14

Allyl chloride

Concen: 19.426 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

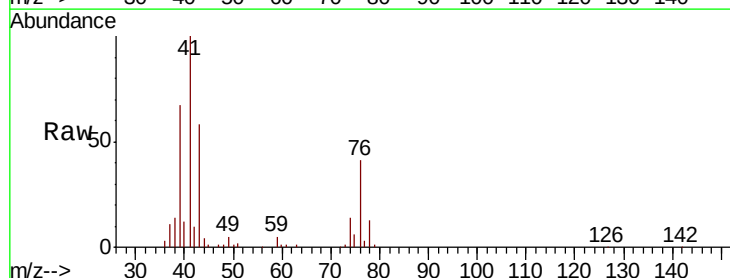
Tgt Ion: 41 Resp: 234685

Ion Ratio Lower Upper

41 100

39 64.8 51.4 77.0

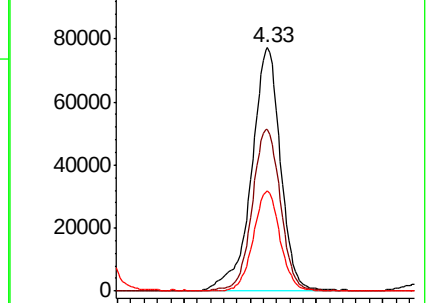
76 37.4 29.4 44.0



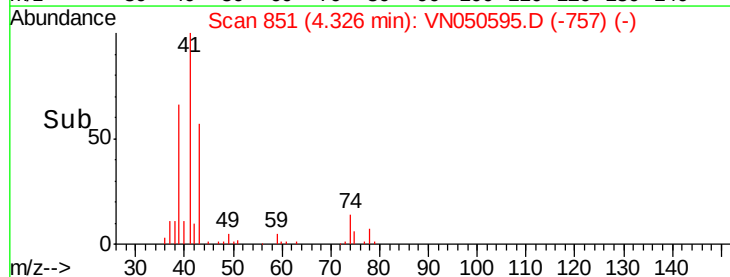
Abundance Ion 41.00 (40.70 to 41.70): VN0

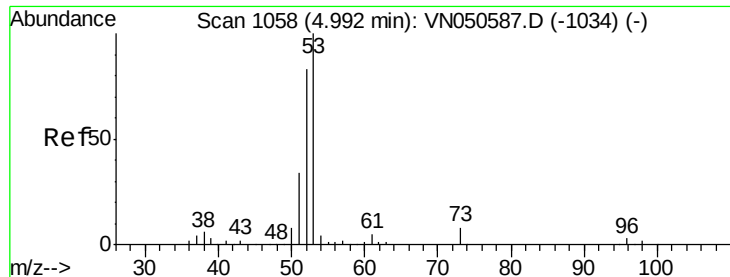
Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



Time-->





#15

Acrylonitrile

Concen: 98.231 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS01

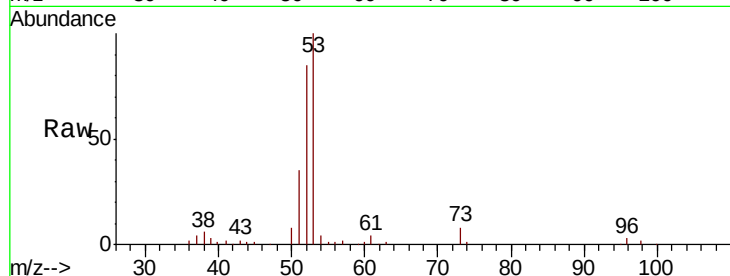
Tgt Ion: 53 Resp: 265786

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.2

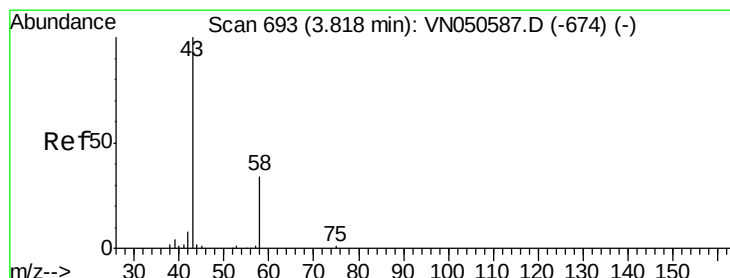
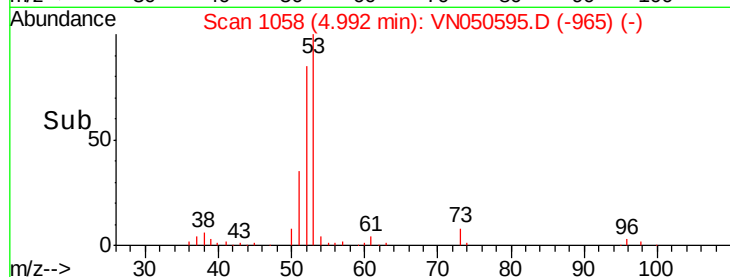
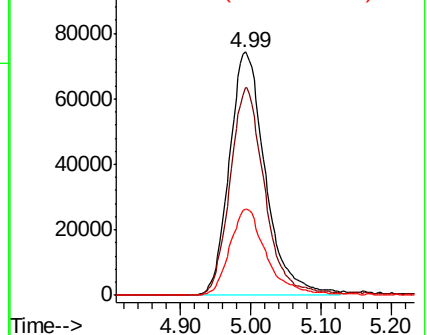
51 36.1 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 110.882 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050595.D

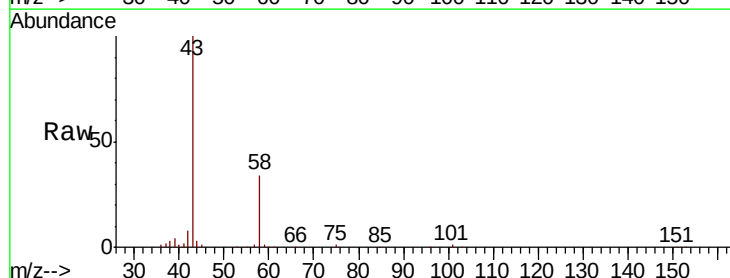
Acq: 14 Aug 2018 12:18

Tgt Ion: 43 Resp: 251613

Ion Ratio Lower Upper

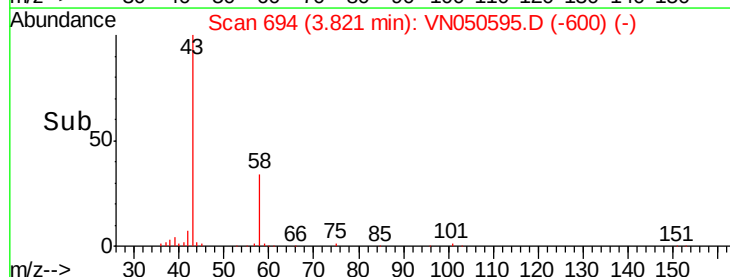
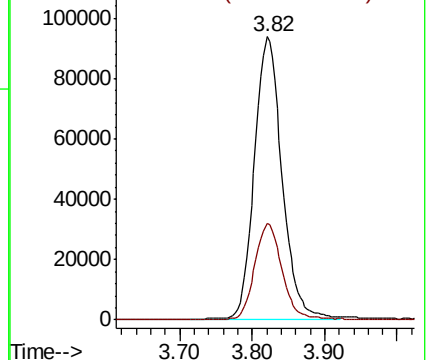
43 100

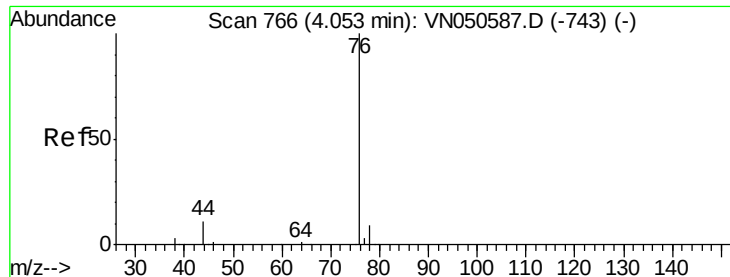
58 34.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

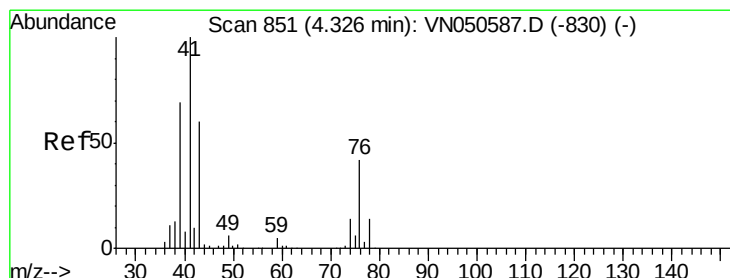
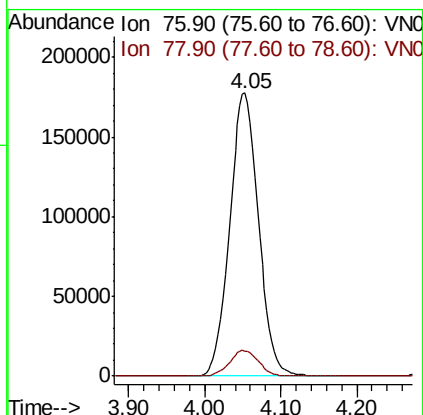
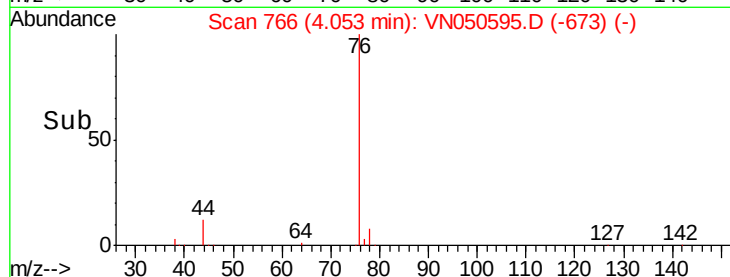
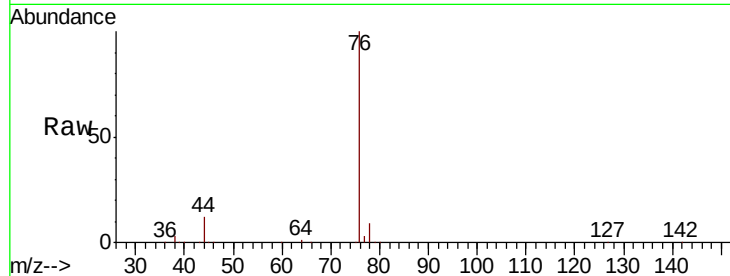




#17
Carbon Disulfide
Concen: 19.119 ug/l
RT: 4.05 min Scan# 766
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

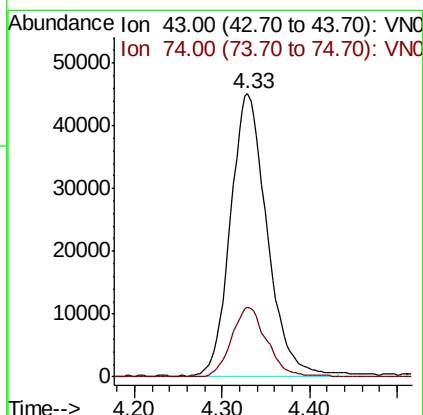
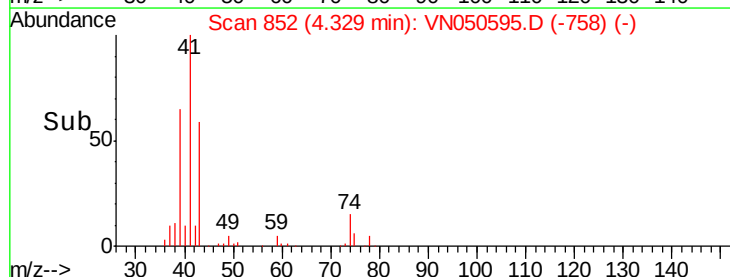
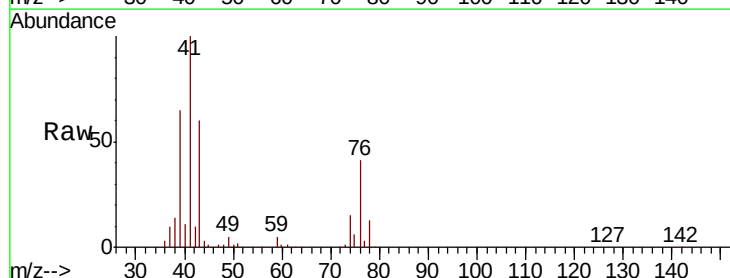
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

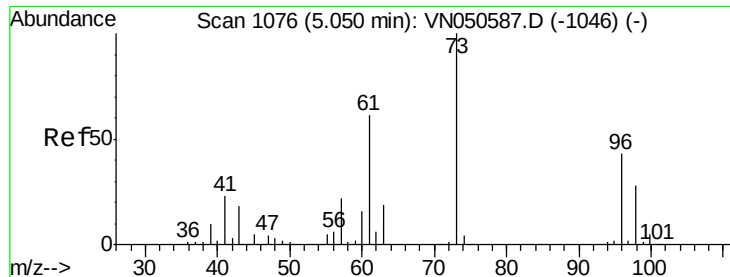
Tgt Ion: 76 Resp: 467284
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 19.884 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion: 43 Resp: 129800
Ion Ratio Lower Upper
43 100
74 23.8 19.7 29.5

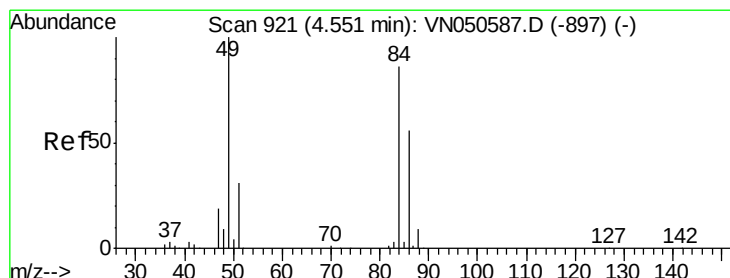
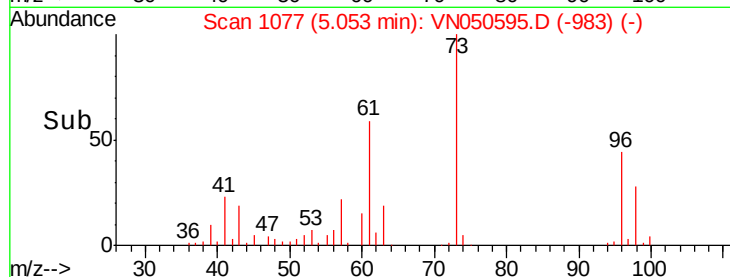
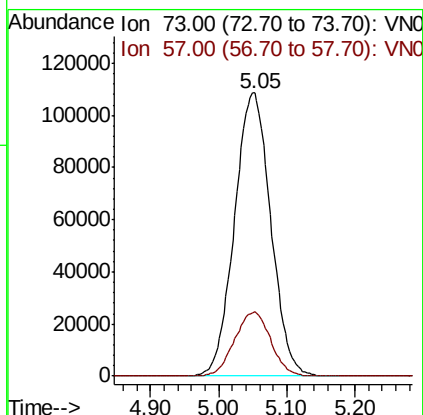
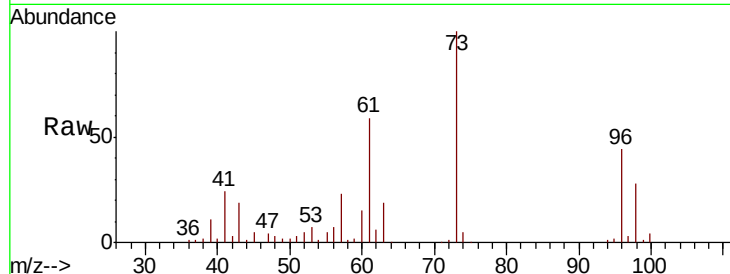




#19
Methyl tert-butyl Ether
Concen: 20.279 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

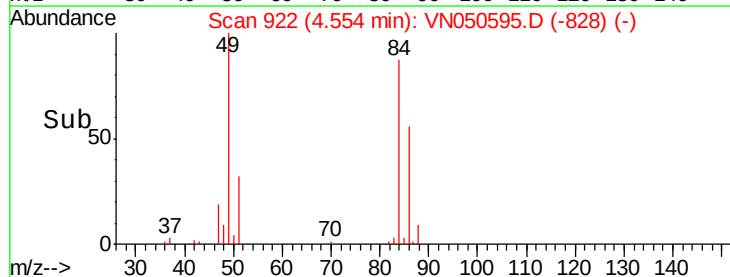
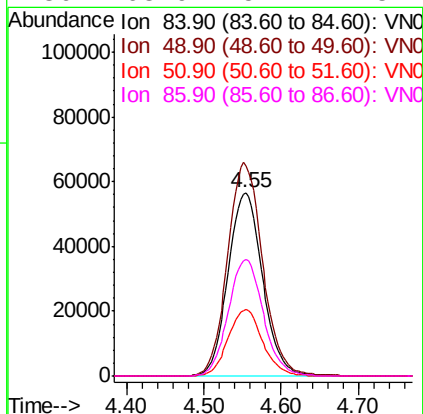
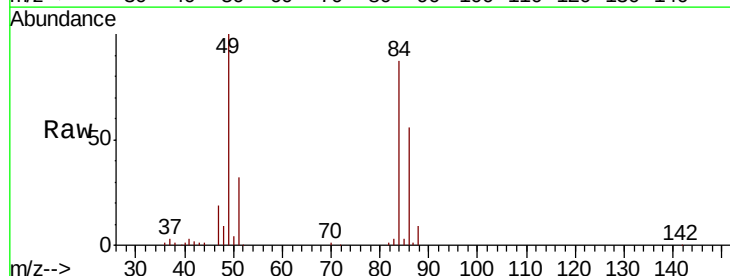
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

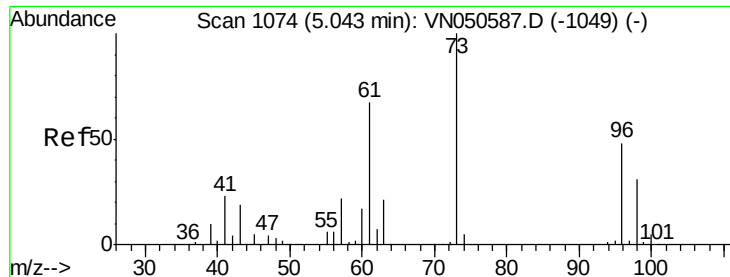
Tgt Ion: 73 Resp: 400844
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 19.674 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion: 84 Resp: 175333
Ion Ratio Lower Upper
84 100
49 114.9 92.6 138.8
51 36.3 28.6 43.0
86 63.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.794 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS01

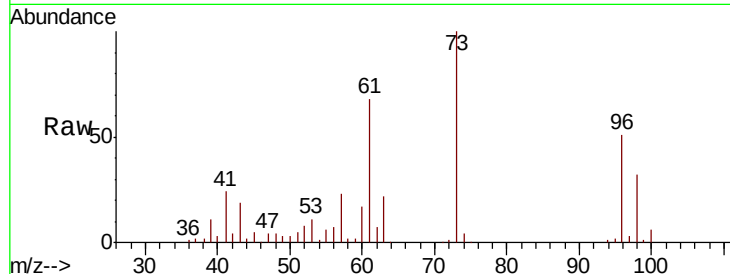
Tgt Ion: 96 Resp: 166670

Ion Ratio Lower Upper

96 100

61 133.4 111.2 166.8

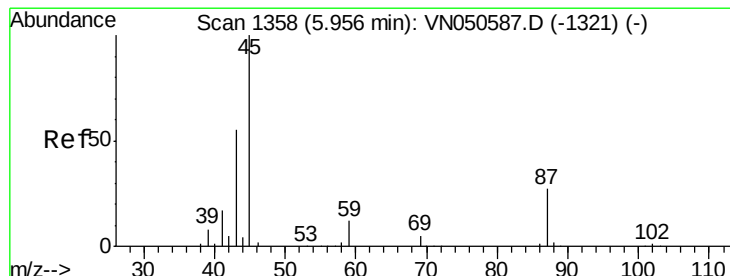
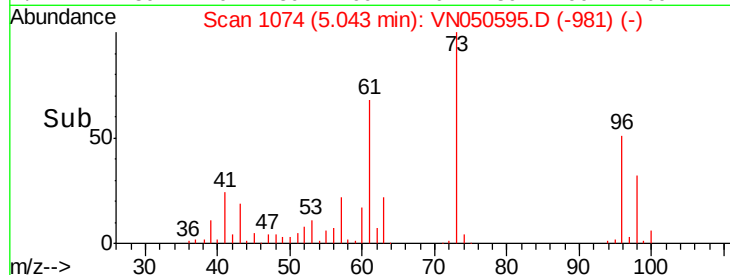
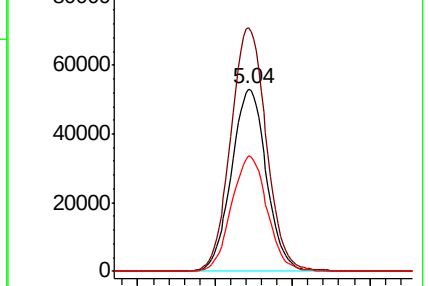
98 63.1 51.6 77.4



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: 20.711 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Tgt Ion: 45 Resp: 512995

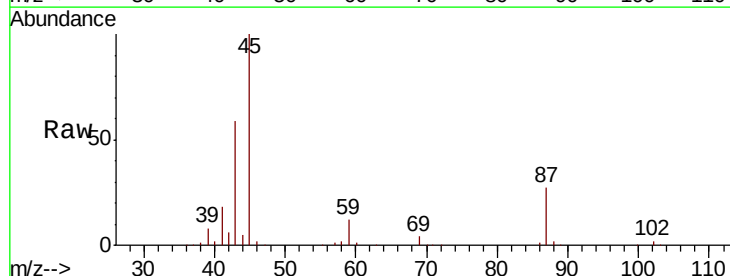
Ion Ratio Lower Upper

45 100

43 56.9 44.5 66.7

87 27.1 22.2 33.2

59 11.7 9.5 14.3

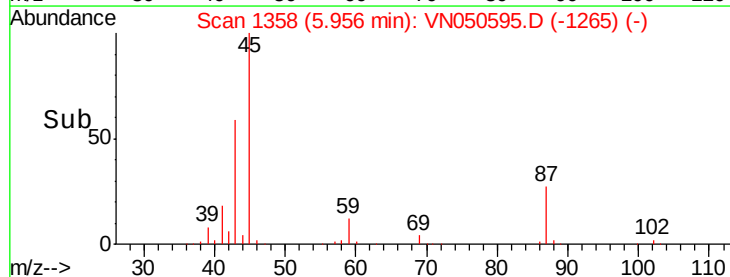
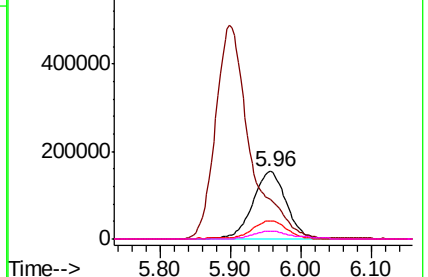


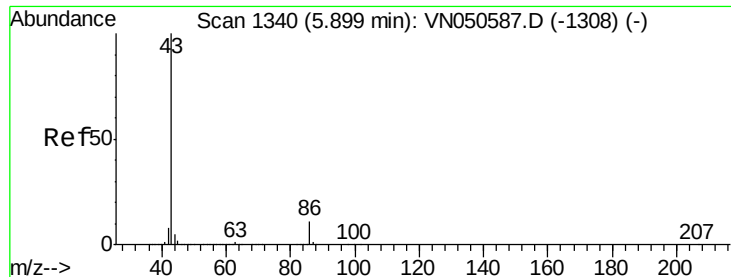
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 103.325 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampled :

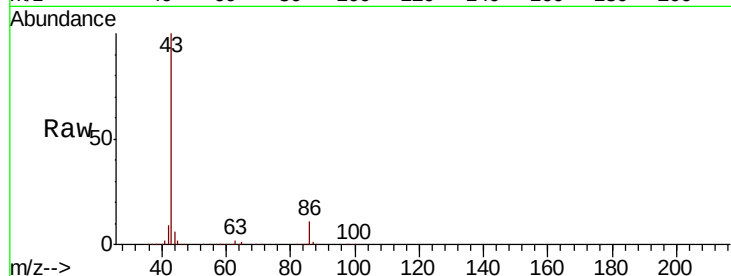
VN0814WBS01

Tgt Ion: 43 Resp: 1674161

Ion Ratio Lower Upper

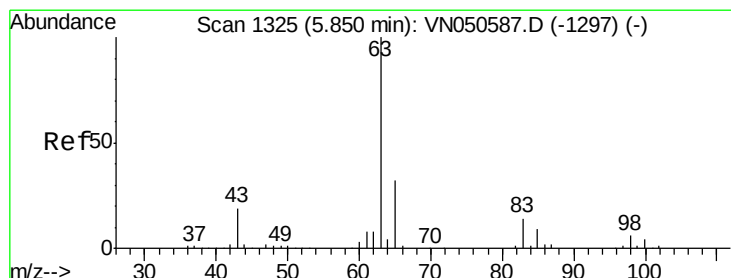
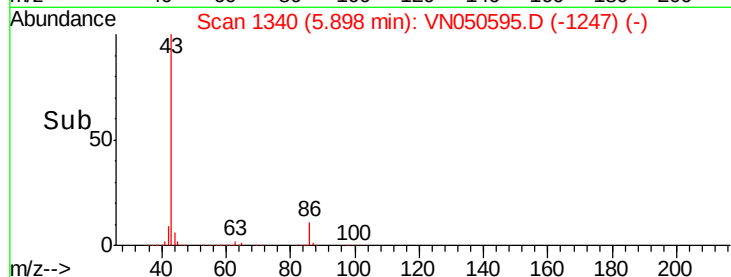
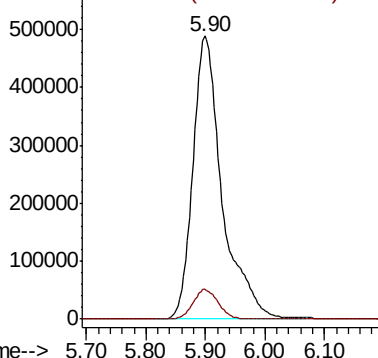
43 100

86 10.5 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: 19.150 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

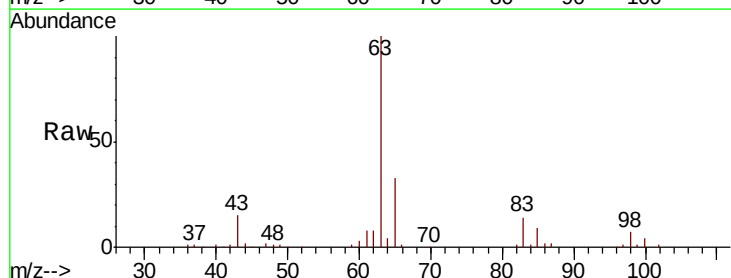
Tgt Ion: 63 Resp: 306914

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

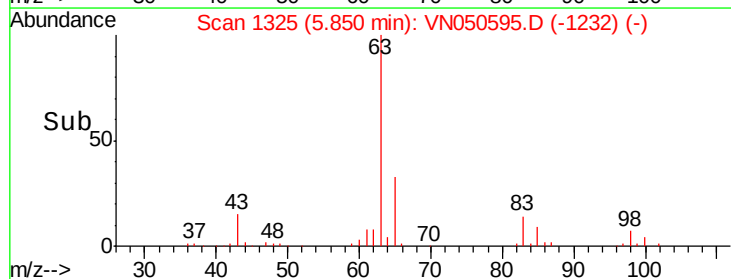
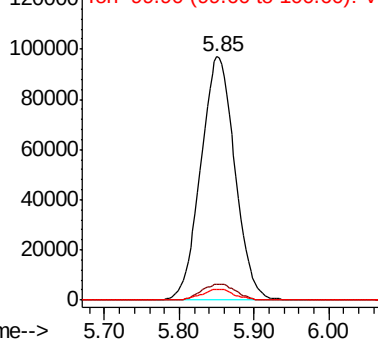
100 4.3 2.1 6.5

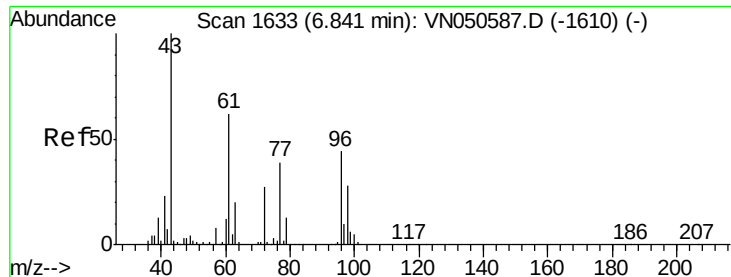


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

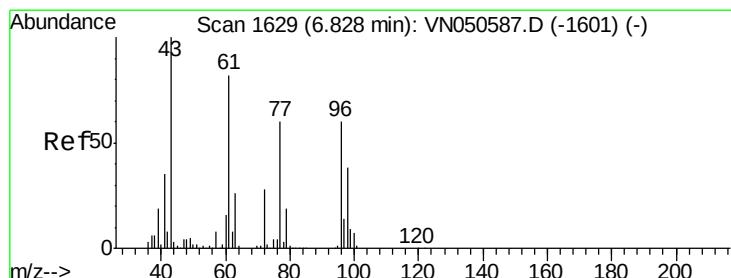
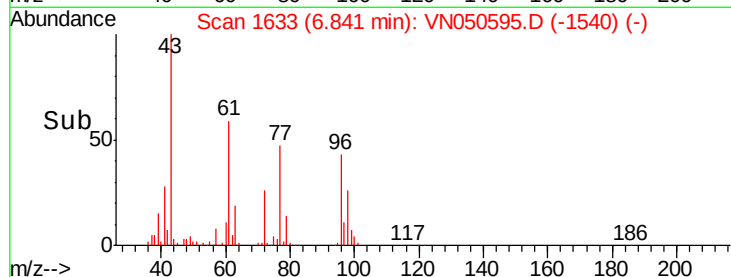
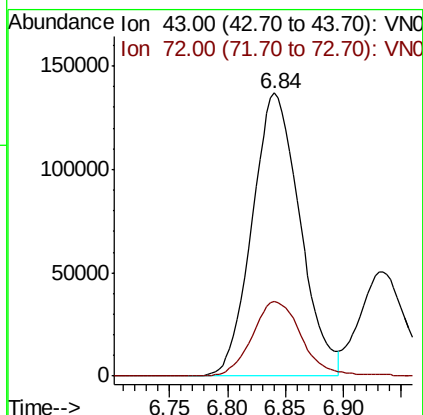
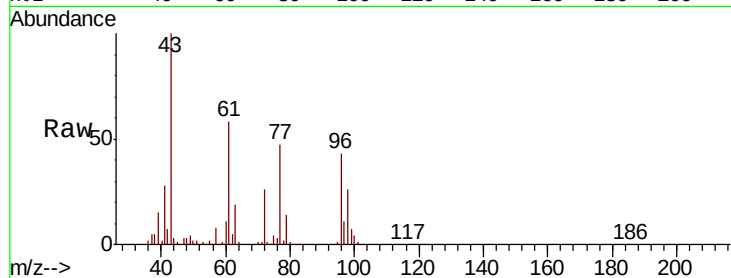




#25
 2-Butanone
 Concen: 105.830 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

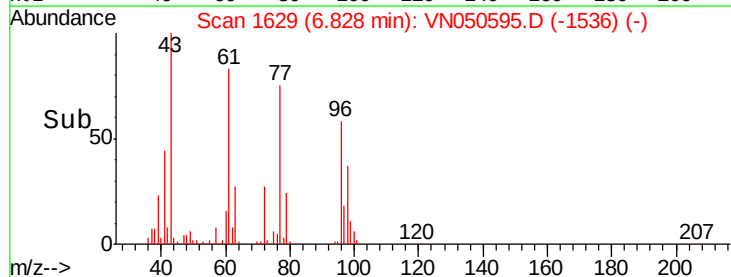
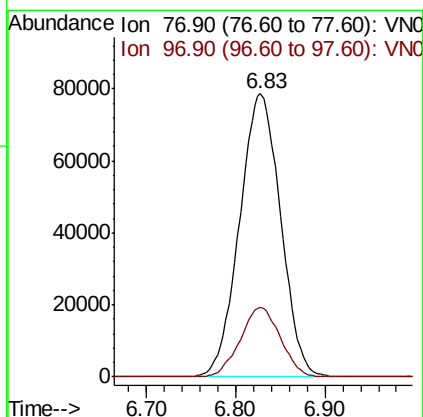
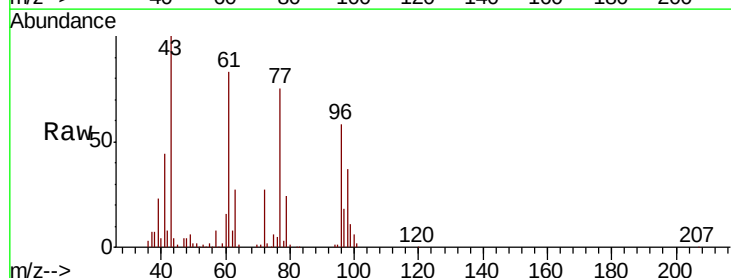
Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS01

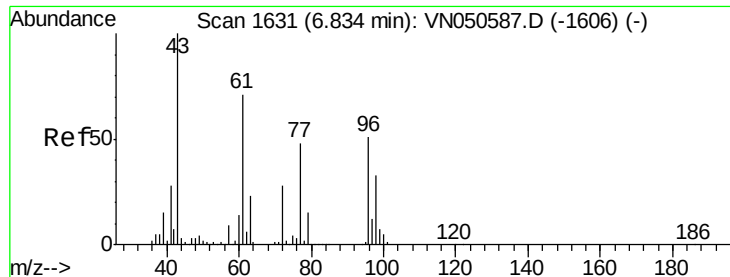
Tgt Ion: 43 Resp: 391495
 Ion Ratio Lower Upper
 43 100
 72 26.4 21.8 32.6



#26
 2,2-Dichloropropane
 Concen: 23.425 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion: 77 Resp: 251295
 Ion Ratio Lower Upper
 77 100
 97 24.2 12.2 36.4

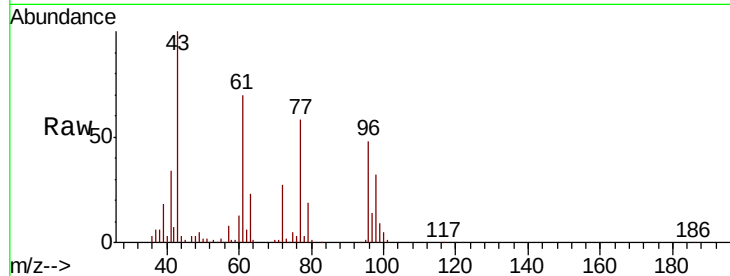




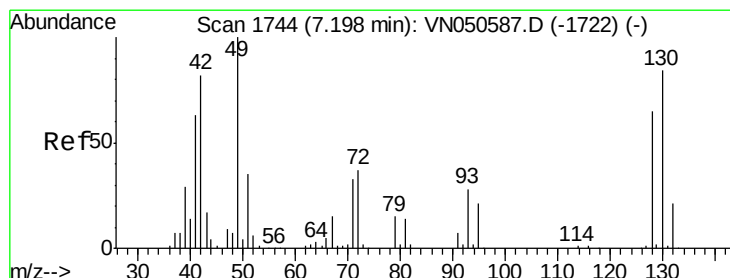
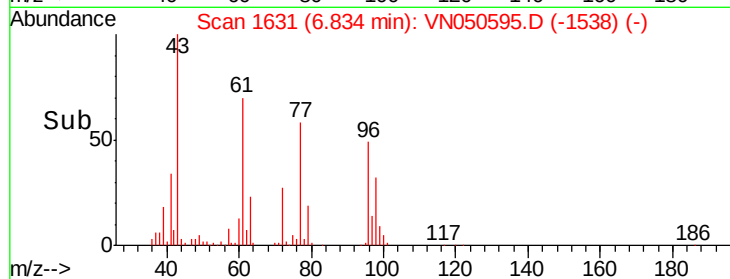
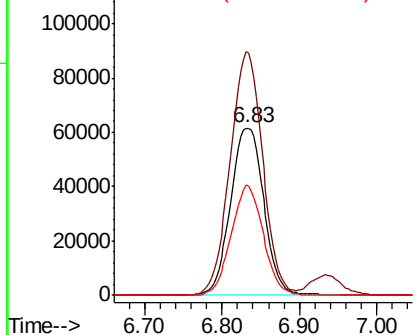
#27
 cis-1,2-Dichloroethene
 Concen: 19.640 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS01

Tgt Ion: 96 Resp: 184141
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 278.2
 98 62.9 0.0 128.8

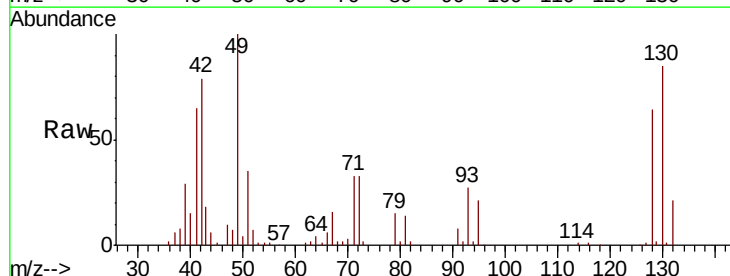


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

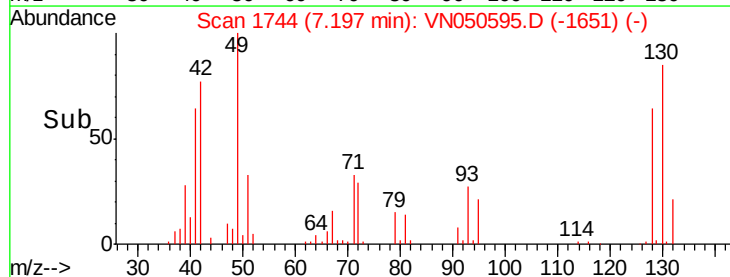
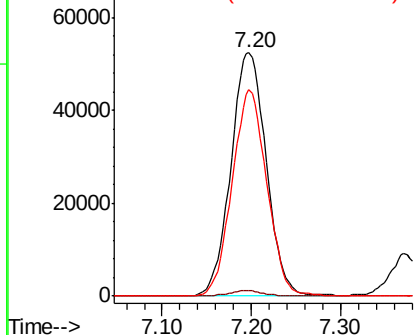


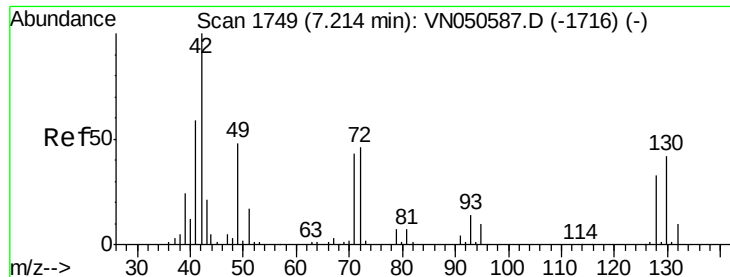
#28
 Bromochloromethane
 Concen: 19.798 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion: 49 Resp: 144404
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 83.0 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: 104.084 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS01

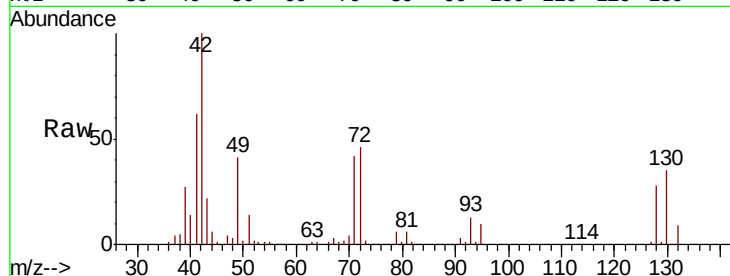
Tgt Ion: 42 Resp: 201042

Ion Ratio Lower Upper

42 100

72 43.6 35.8 53.6

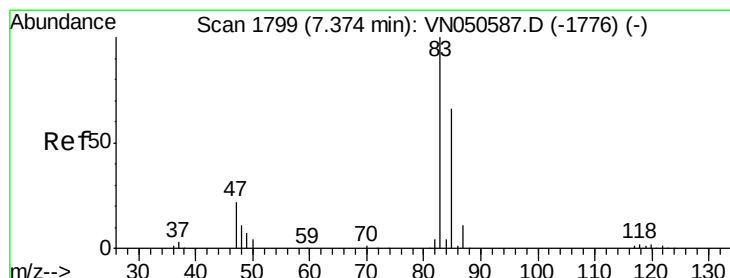
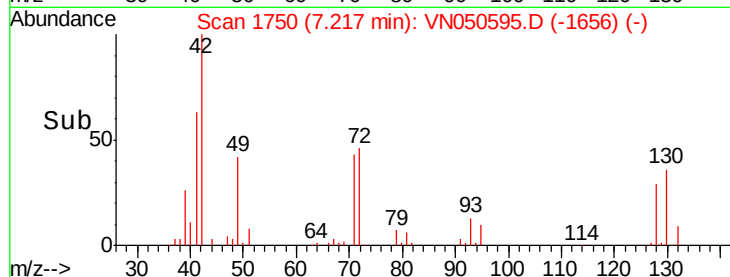
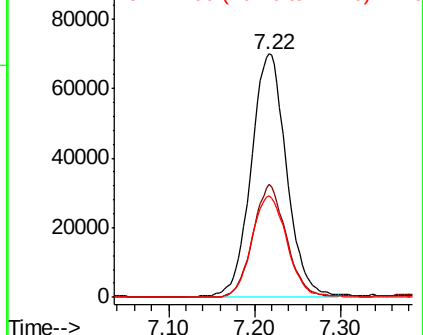
71 41.5 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.825 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050595.D

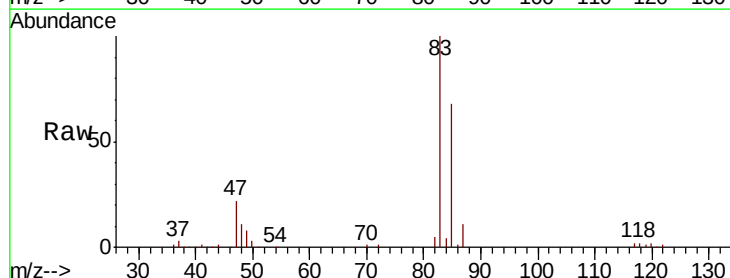
Acq: 14 Aug 2018 12:18

Tgt Ion: 83 Resp: 305740

Ion Ratio Lower Upper

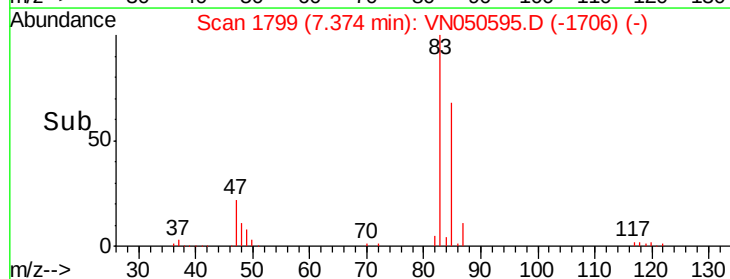
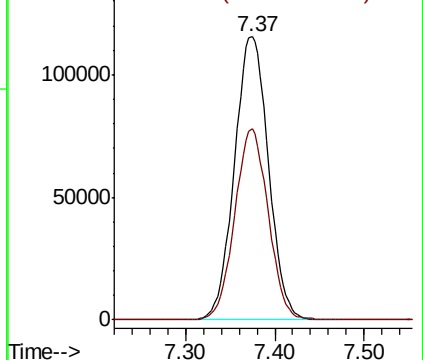
83 100

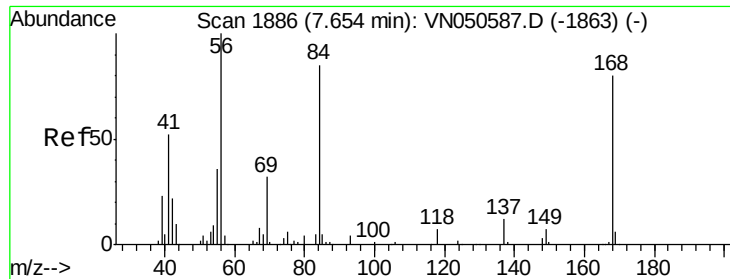
85 67.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

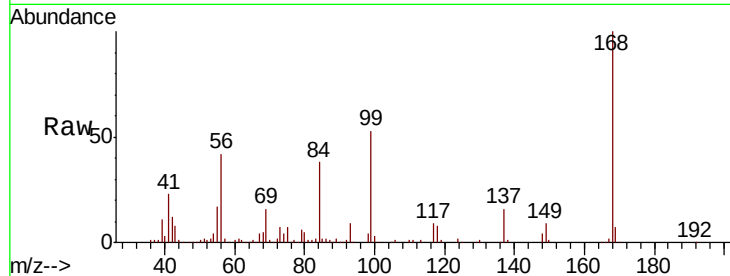




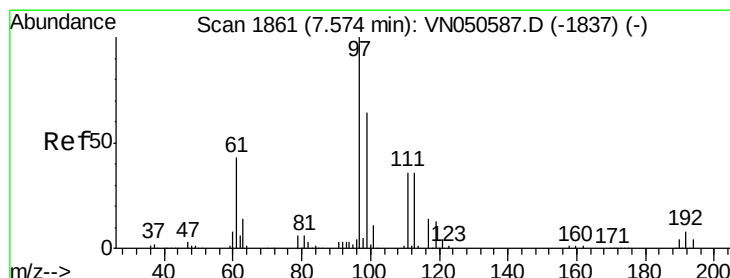
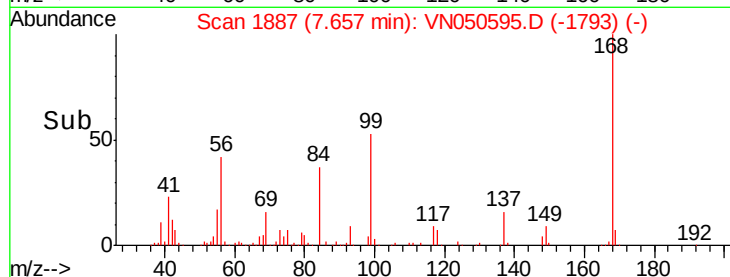
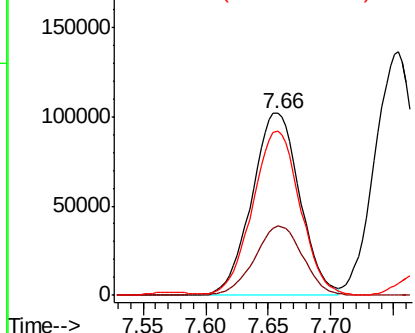
#31
Cyclohexane
Concen: 19.613 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Instrument :
MSVOA_N
ClientSampled :
VN0814WBS01

Tgt Ion: 56 Resp: 271116
Ion Ratio Lower Upper
56 100
69 38.1 25.8 38.6
84 88.9 67.8 101.6

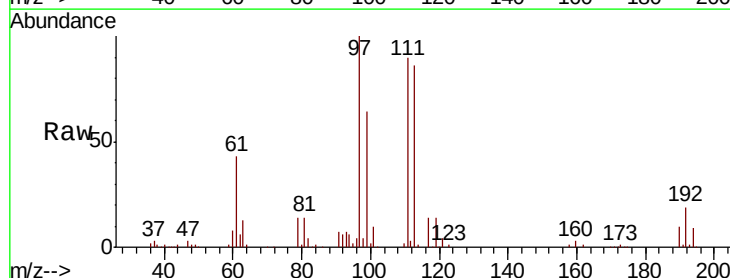


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

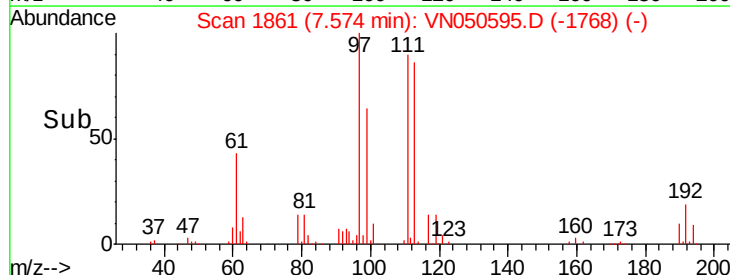
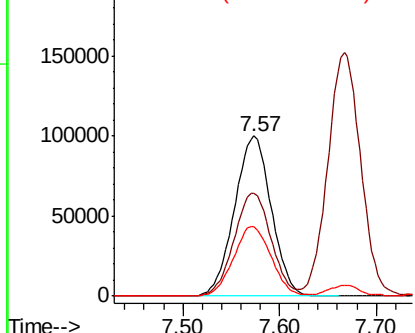


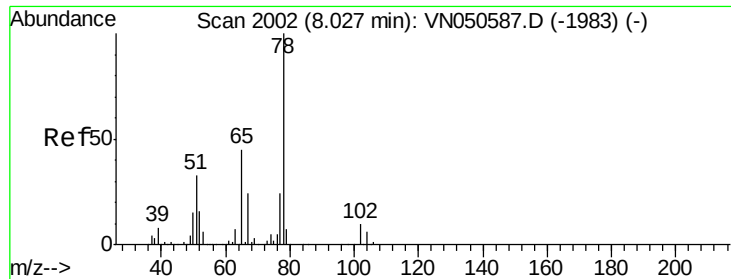
#32
1,1,1-Trichloroethane
Concen: 19.369 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion: 97 Resp: 264783
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 44.4 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

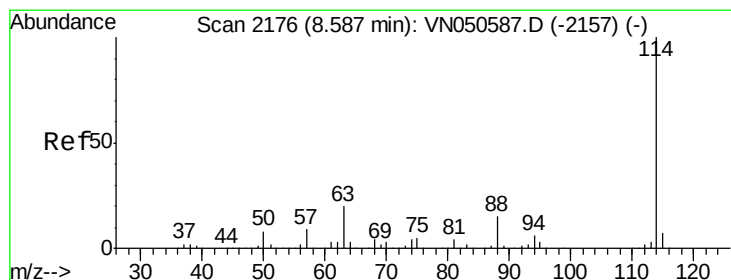
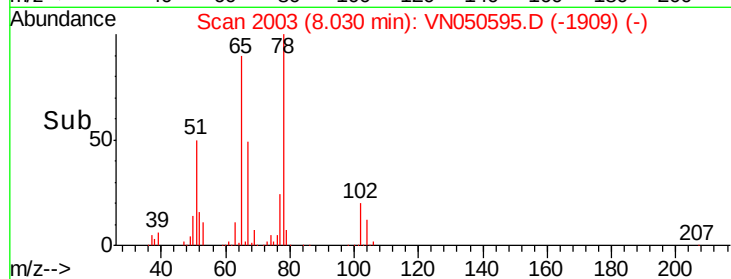
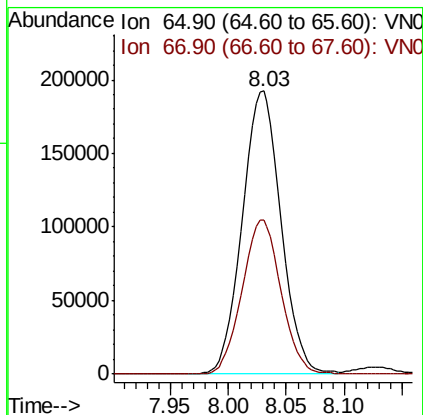
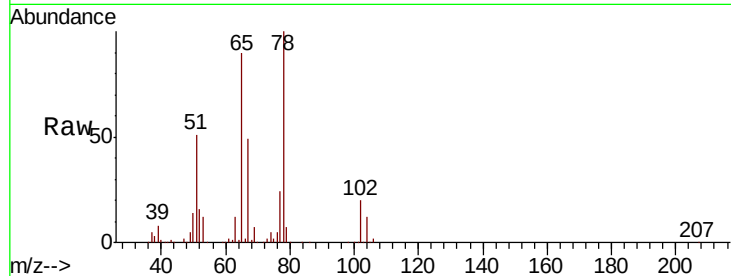




#33
 1,2-Dichloroethane-d4
 Concen: 49.569 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

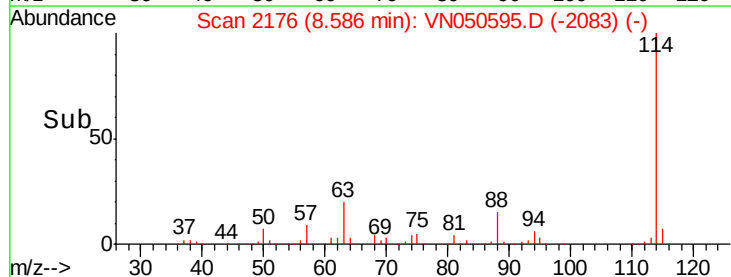
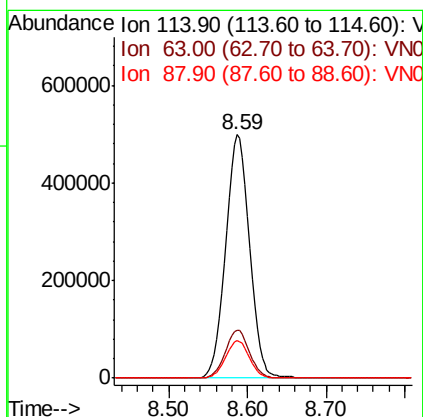
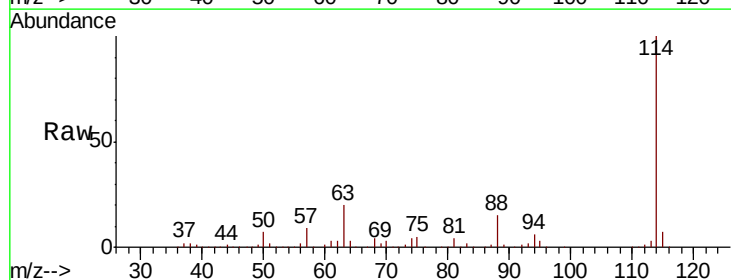
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

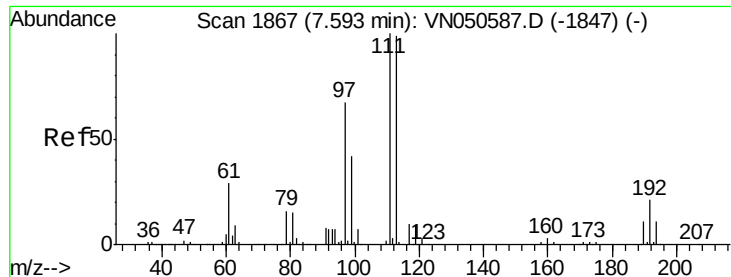
Tgt Ion: 65 Resp: 447232
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion: 114 Resp: 1041625
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.4 0.0 30.8

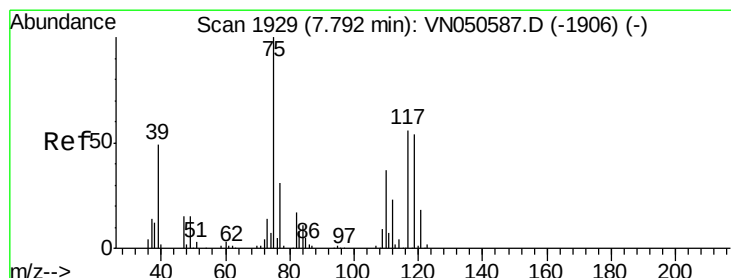
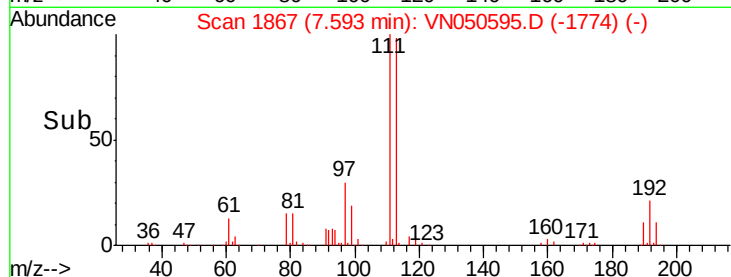
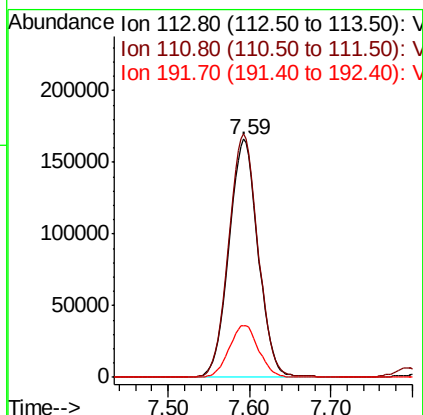
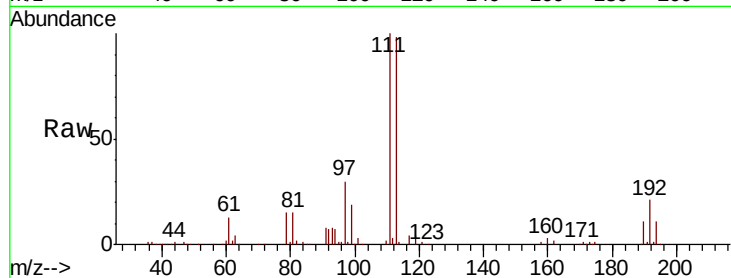




#35
 Dibromofluoromethane
 Concen: 50.020 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

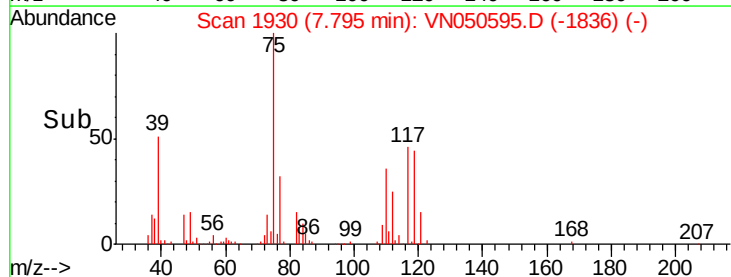
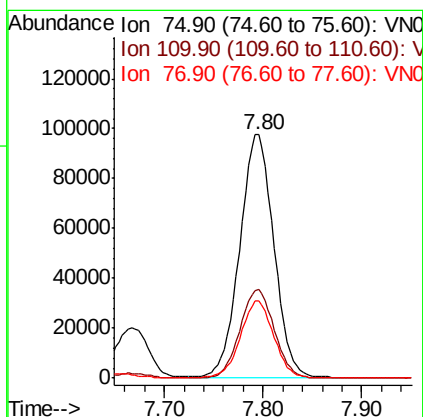
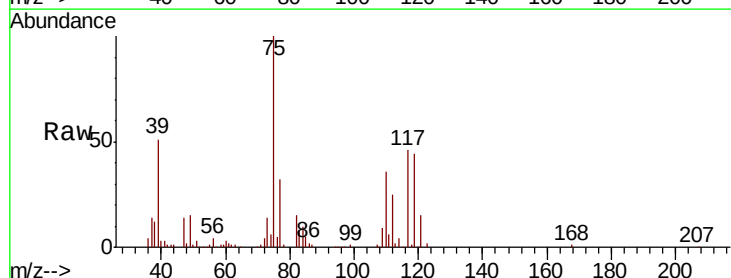
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

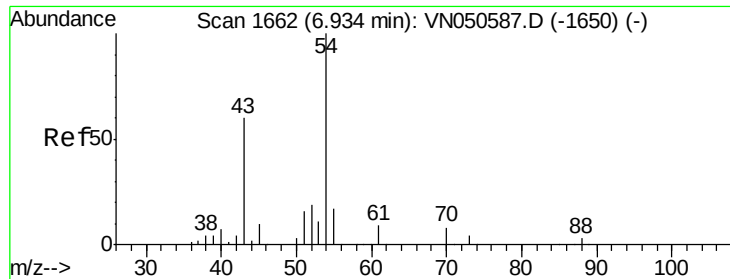
Tgt Ion: 113 Resp: 415962
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 22.0 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 20.064 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion: 75 Resp: 232641
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.3 54.9
 77 31.3 25.0 37.4

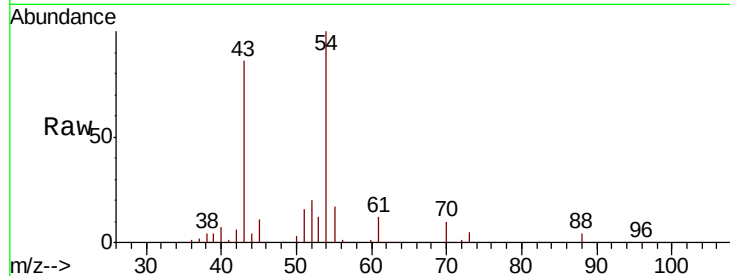




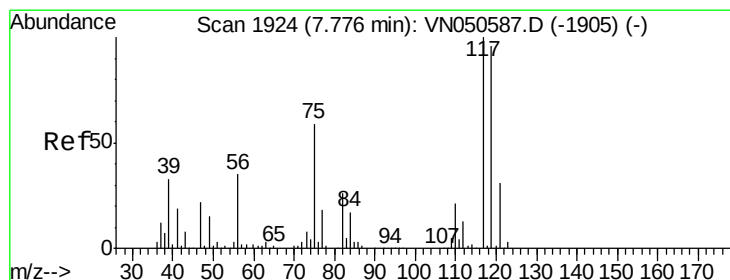
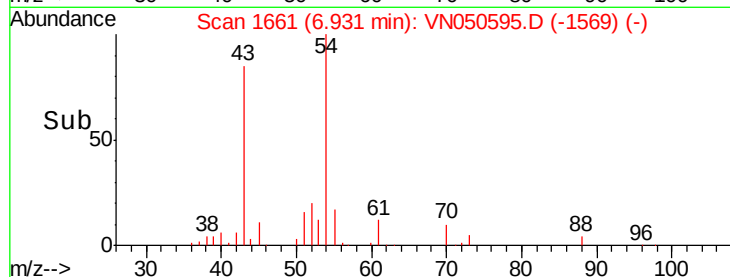
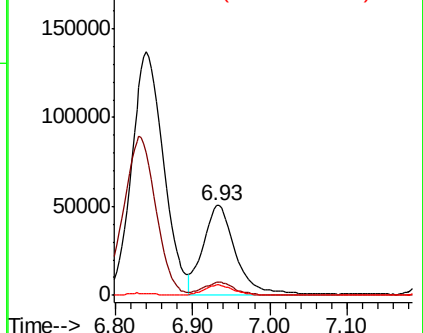
#37
 Ethyl Acetate
 Concen: 22.387 ug/l
 RT: 6.93 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

Tgt Ion: 43 Resp: 146734
 Ion Ratio Lower Upper
 43 100
 61 14.3 12.0 18.0
 70 10.9 8.5 12.7

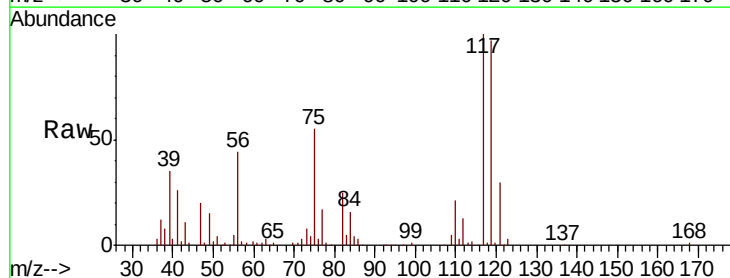


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

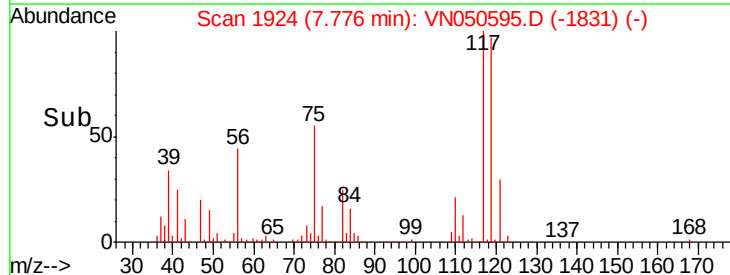
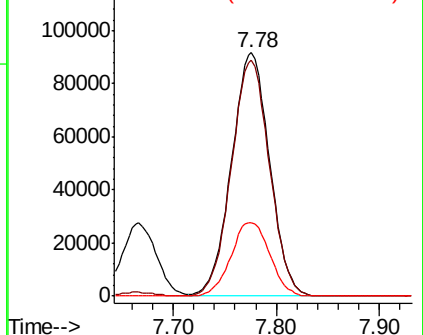


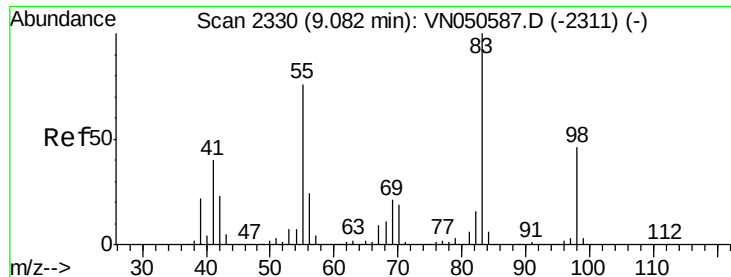
#38
 Carbon Tetrachloride
 Concen: 19.600 ug/l
 RT: 7.78 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion: 117 Resp: 235763
 Ion Ratio Lower Upper
 117 100
 119 97.2 76.6 115.0
 121 30.0 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

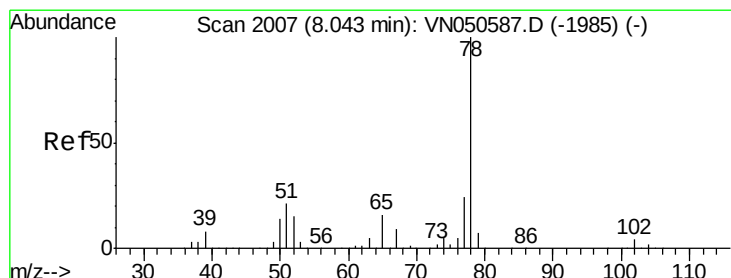
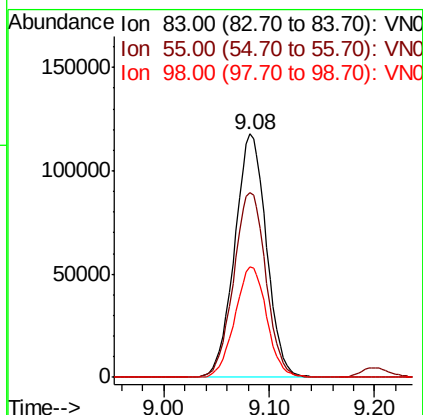
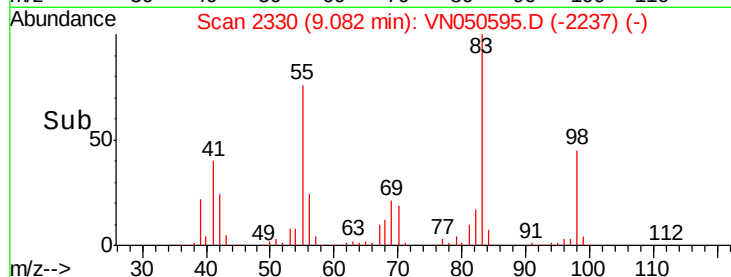
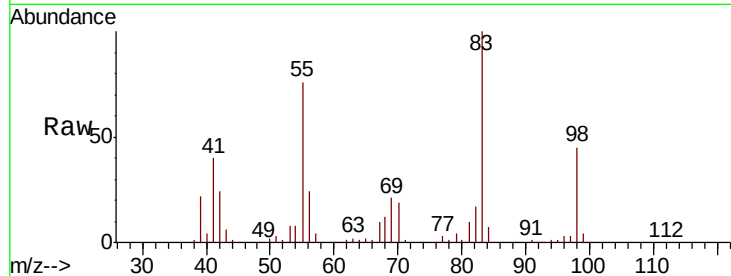




#39
Methylcyclohexane
Concen: 20.444 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

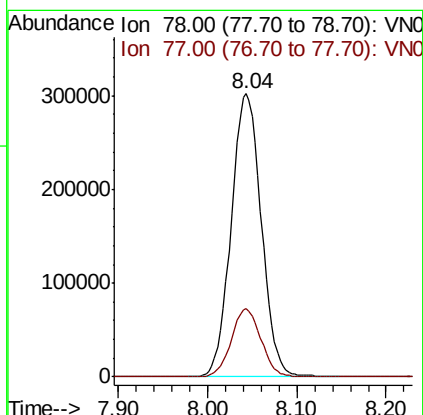
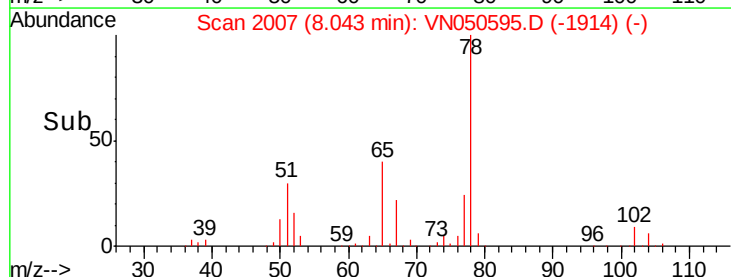
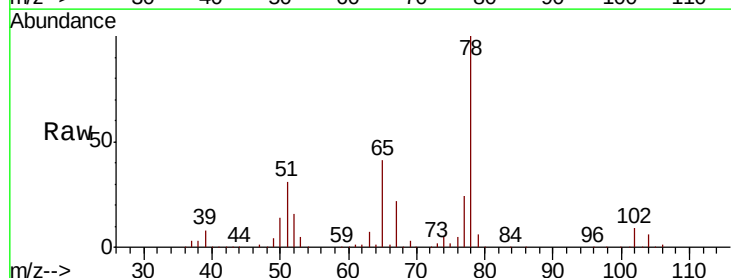
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

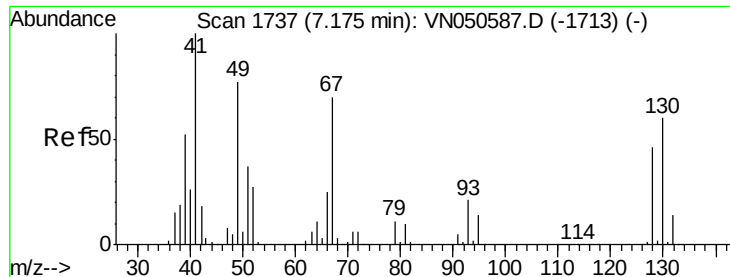
Tgt Ion: 83 Resp: 245427
Ion Ratio Lower Upper
83 100
55 75.9 60.6 91.0
98 45.2 37.0 55.4



#40
Benzene
Concen: 20.074 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion: 78 Resp: 708078
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

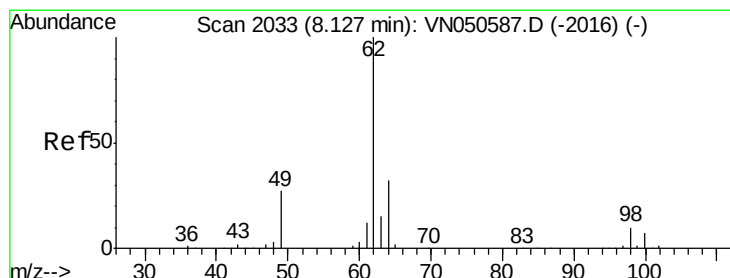
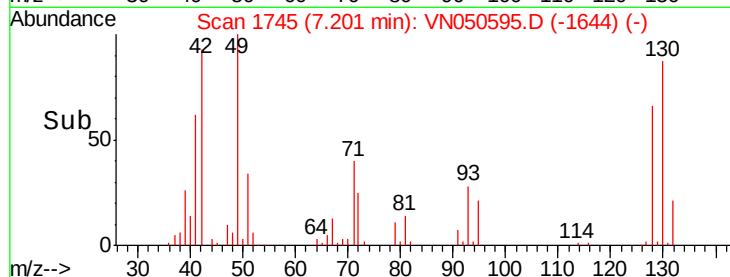
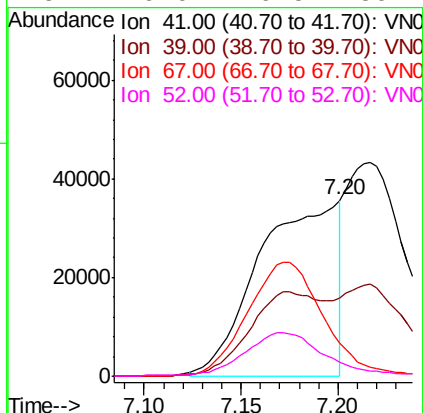
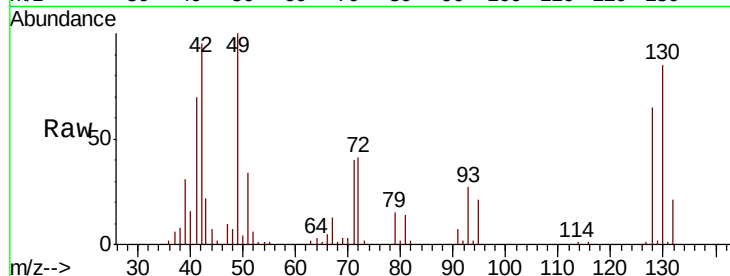




#41
Methacrylonitrile
Concen: 28.451 ug/l m
RT: 7.20 min Scan# 1745
Delta R.T. 0.03 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

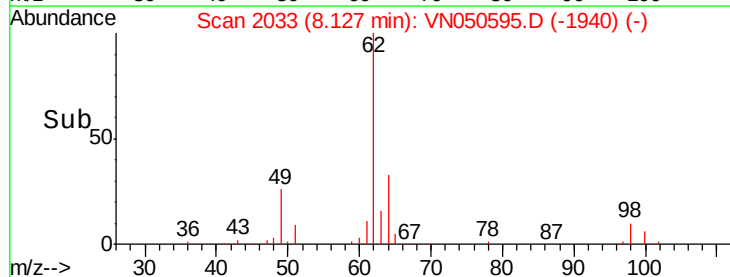
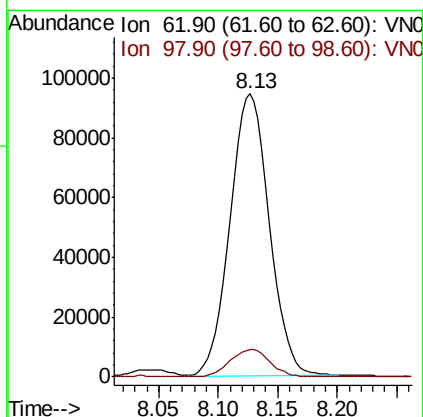
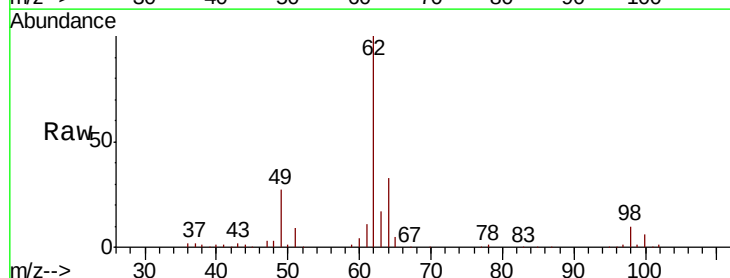
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

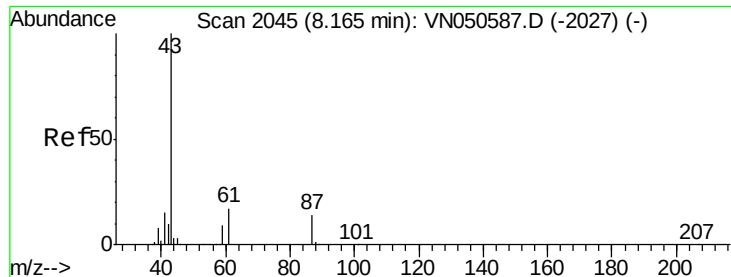
Tgt Ion: 41 Resp: 100813
Ion Ratio Lower Upper
41 100
39 0.0 44.6 66.8#
67 0.0 66.7 100.1#
52 0.0 26.5 39.7#



#42
1,2-Dichloroethane
Concen: 20.013 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion: 62 Resp: 216369
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 20.115 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS01

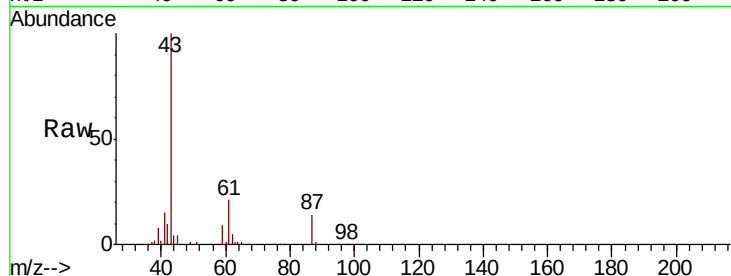
Tgt Ion: 43 Resp: 240266

Ion Ratio Lower Upper

43 100

61 30.4 16.2 24.2#

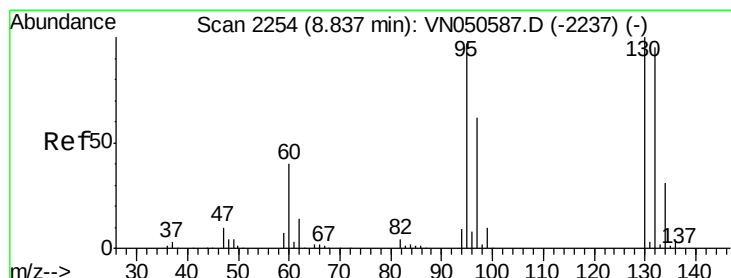
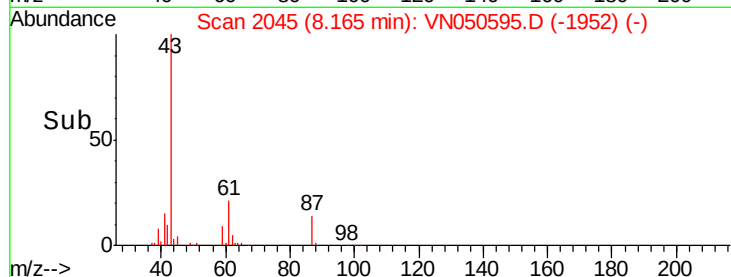
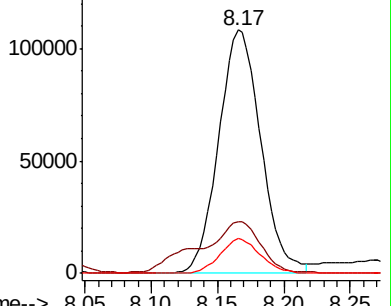
87 13.7 10.9 16.3



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: 19.500 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050595.D

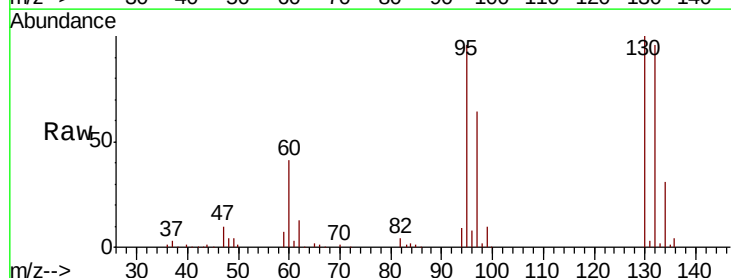
Acq: 14 Aug 2018 12:18

Tgt Ion: 130 Resp: 184252

Ion Ratio Lower Upper

130 100

95 96.4 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) (-)

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

Ion 130.00 (129.70 to 130.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

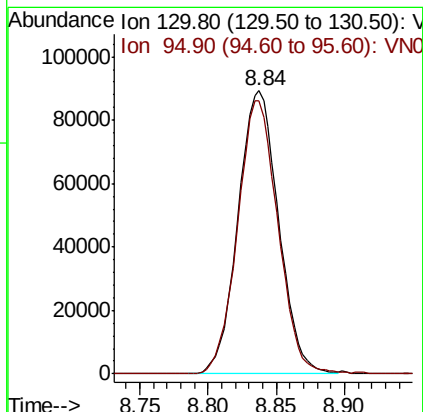
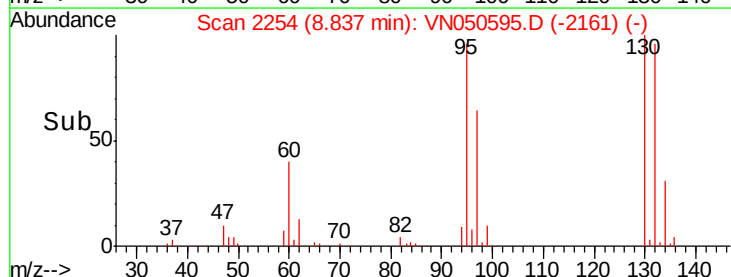
Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

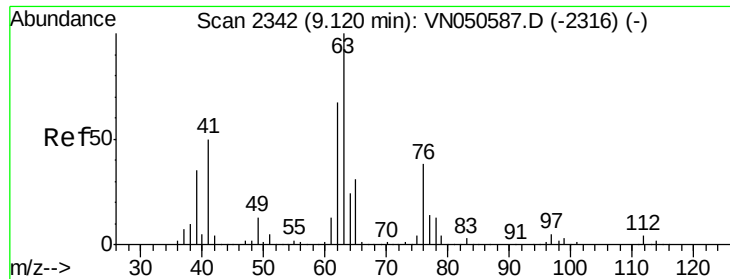
Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

Ion 137.00 (136.70 to 137.30): VN050587.D (-2237) (-)

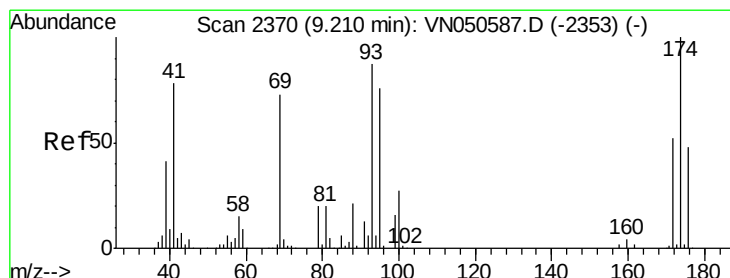
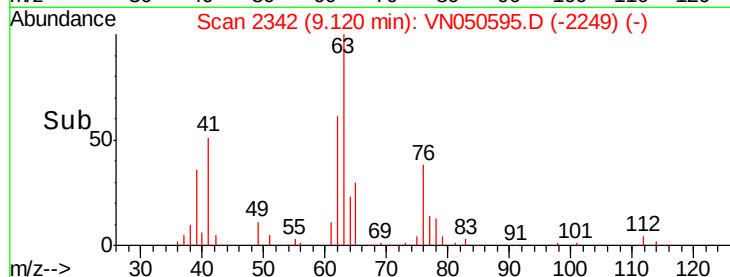
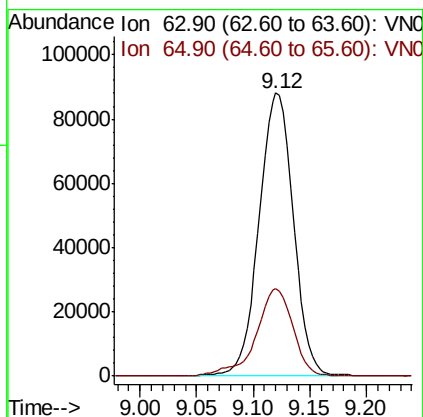
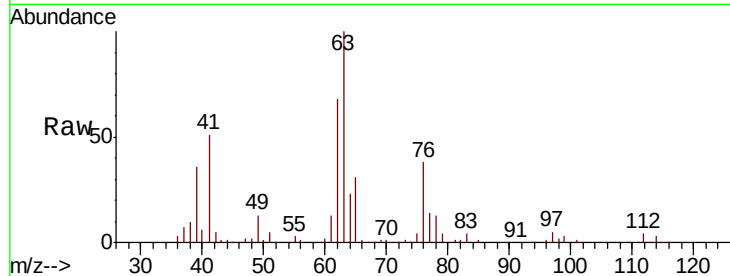




#45
 1,2-Dichloropropane
 Concen: 19.784 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

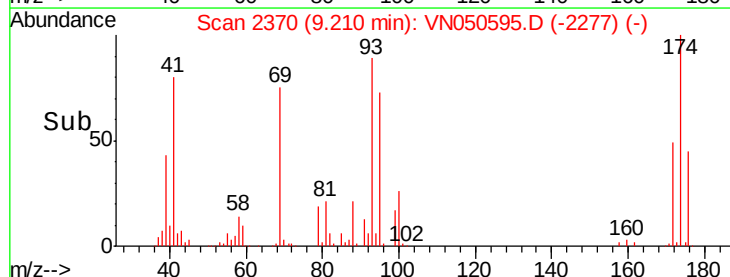
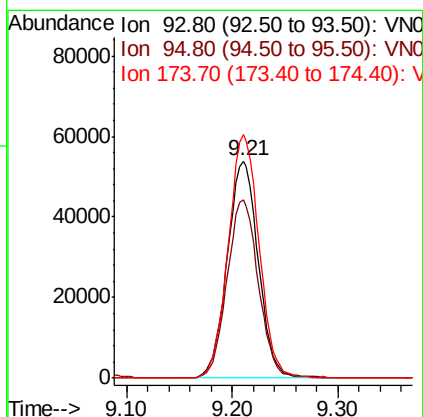
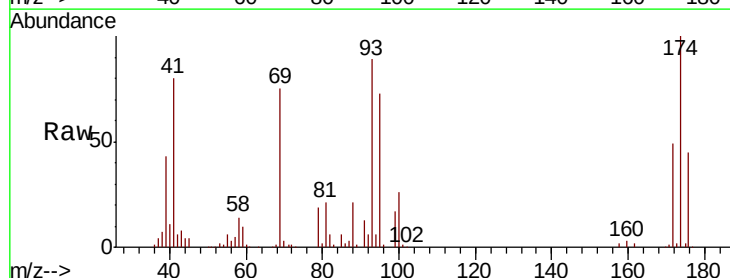
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

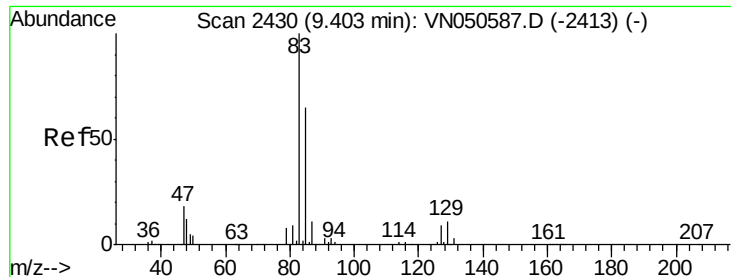
Tgt Ion: 63 Resp: 185795
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.5 36.7



#46
 Dibromomethane
 Concen: 19.779 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion: 93 Resp: 109679
 Ion Ratio Lower Upper
 93 100
 95 82.4 69.1 103.7
 174 111.5 91.0 136.6

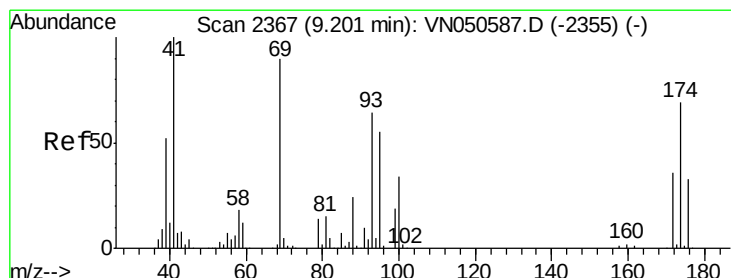
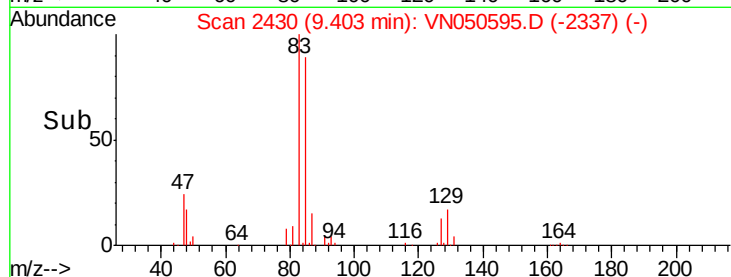
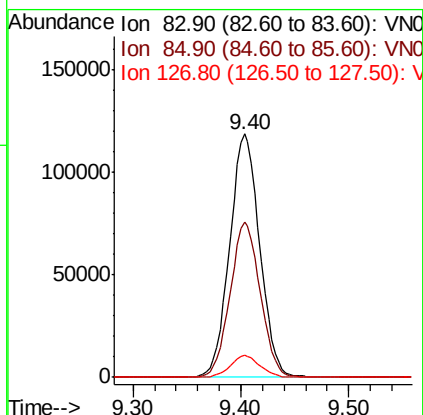
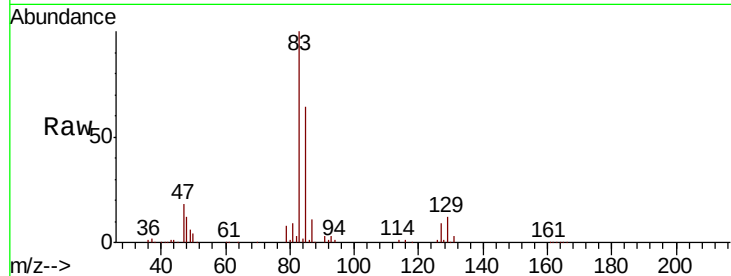




#47
 Bromodichloromethane
 Concen: 19.431 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

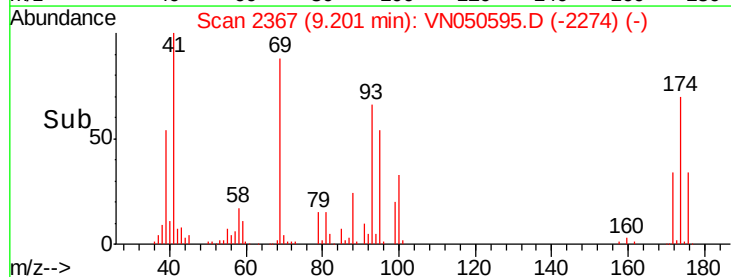
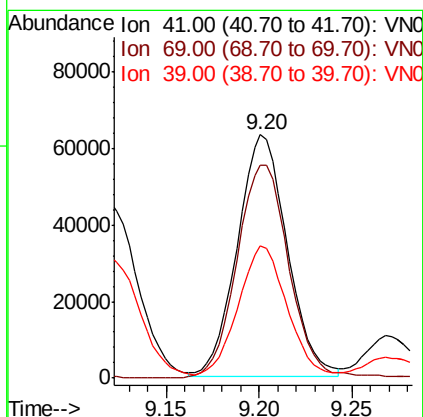
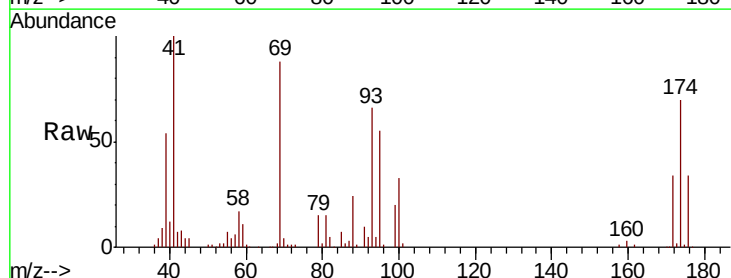
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

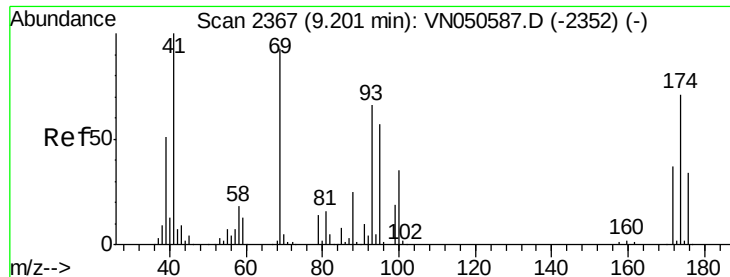
Tgt Ion: 83 Resp: 230295
 Ion Ratio Lower Upper
 83 100
 85 63.9 51.8 77.6
 127 9.0 7.2 10.8



#48
 Methyl methacrylate
 Concen: 19.843 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion: 41 Resp: 119262
 Ion Ratio Lower Upper
 41 100
 69 91.9 73.4 110.0
 39 53.2 43.0 64.6

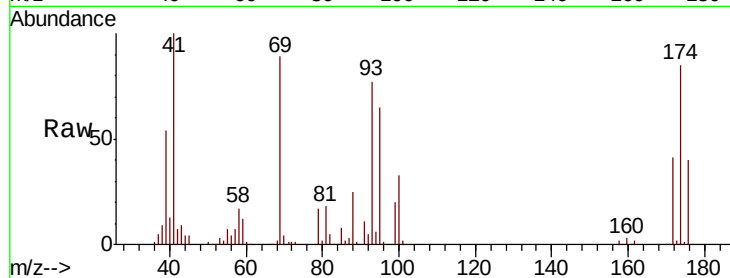




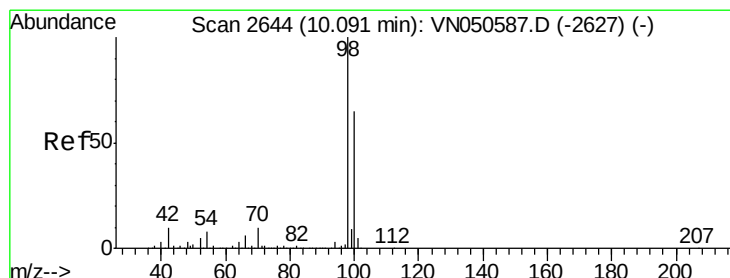
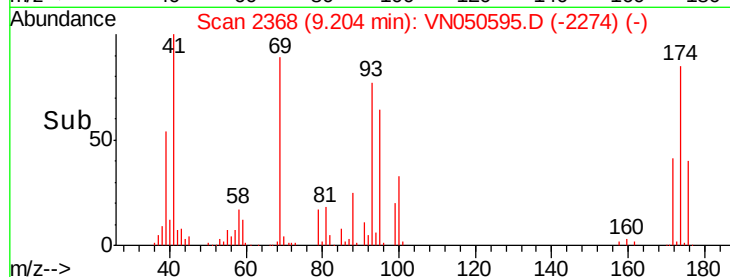
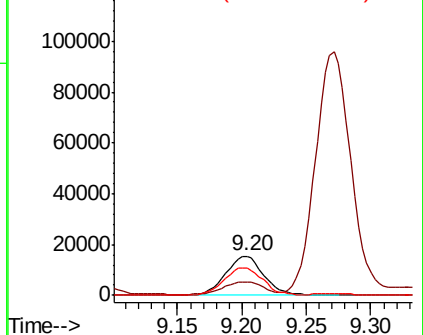
#49
 1,4-Dioxane
 Concen: 399.920 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

Tgt Ion: 88 Resp: 31665
 Ion Ratio Lower Upper
 88 100
 43 34.3 25.9 38.9
 58 70.9 56.5 84.7

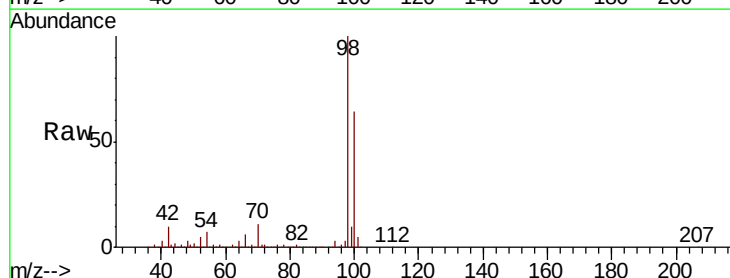


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

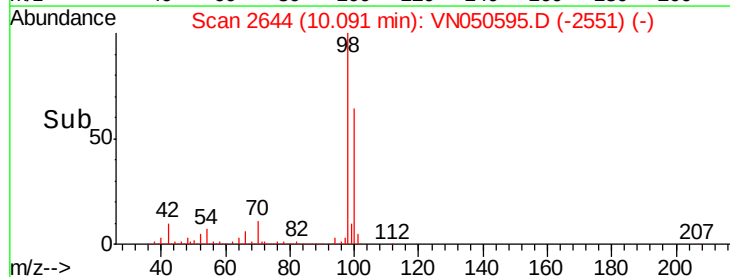
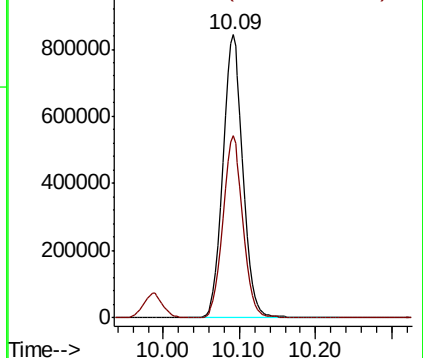


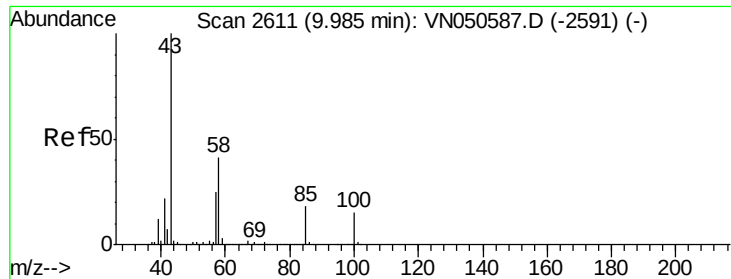
#50
 Toluene-d8
 Concen: 49.228 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion: 98 Resp: 1540710
 Ion Ratio Lower Upper
 98 100
 100 64.1 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: 104.918 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampled :

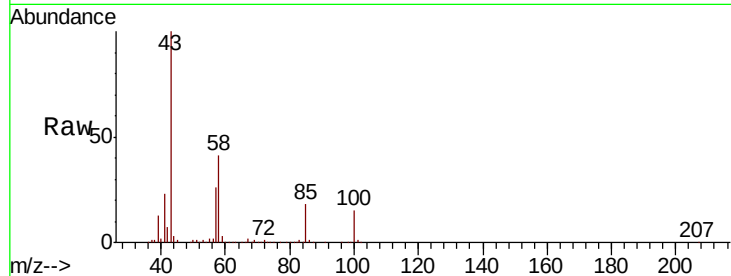
VN0814WBS01

Tgt Ion: 43 Resp: 847553

Ion Ratio Lower Upper

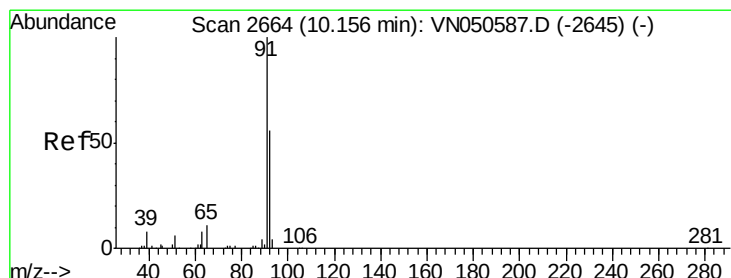
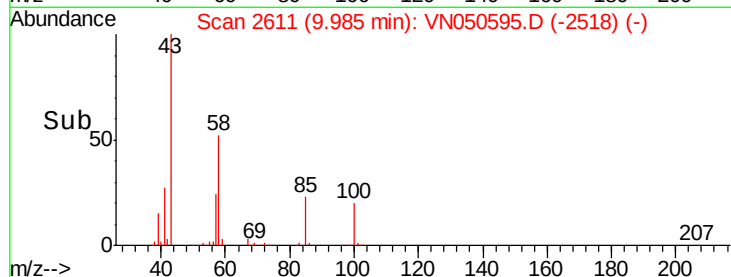
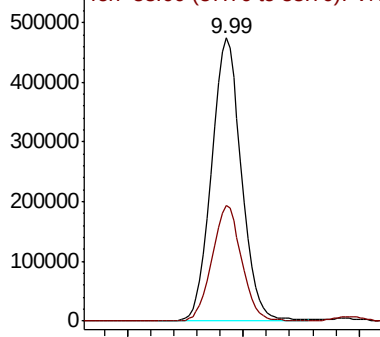
43 100

58 40.6 32.5 48.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.243 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050595.D

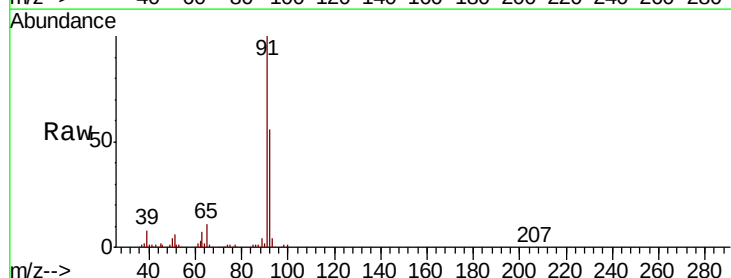
Acq: 14 Aug 2018 12:18

Tgt Ion: 92 Resp: 426351

Ion Ratio Lower Upper

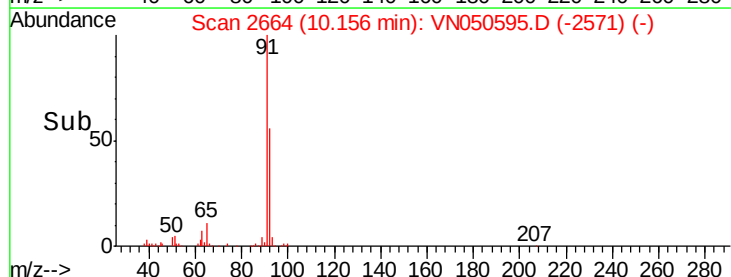
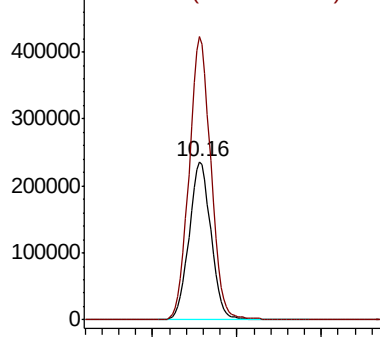
92 100

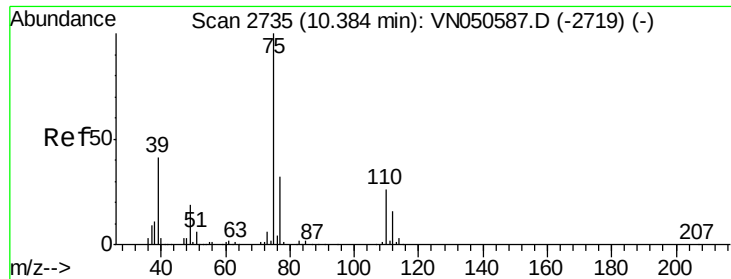
91 178.1 141.9 212.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.033 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

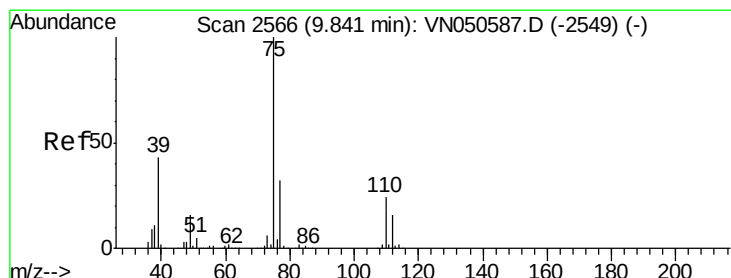
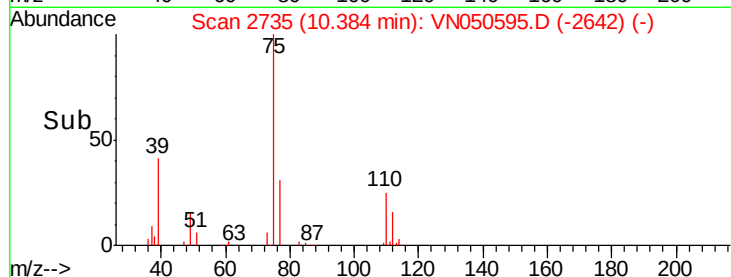
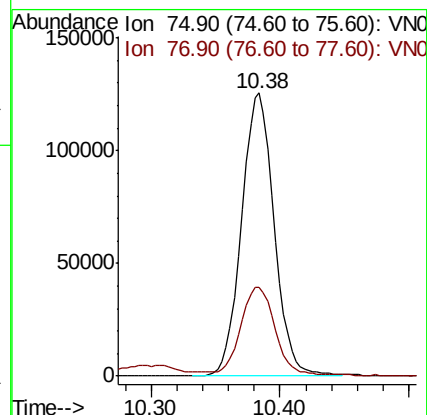
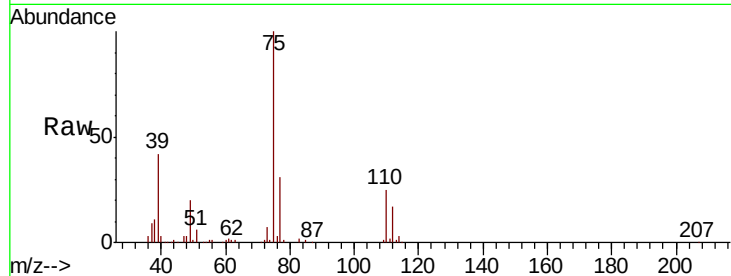
VN0814WBS01

Tgt Ion: 75 Resp: 221157

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 21.002 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

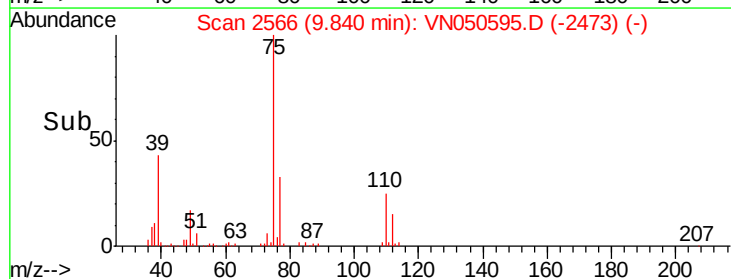
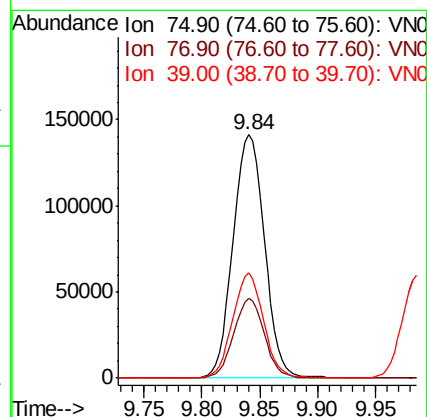
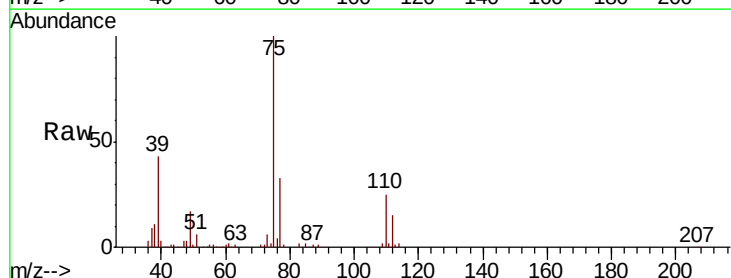
Tgt Ion: 75 Resp: 265975

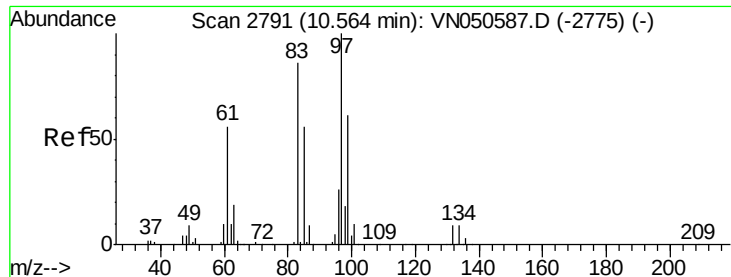
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 43.3 34.4 51.6





#55

1,1,2-Trichloroethane

Concen: 19.928 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampled :

VN0814WBS01

Tgt Ion: 97 Resp: 156799

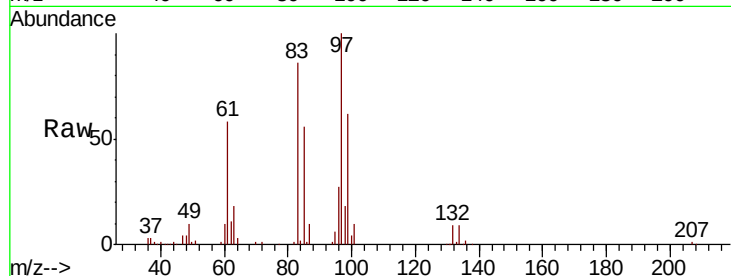
Ion Ratio Lower Upper

97 100

83 86.1 68.5 102.7

85 55.6 44.6 66.8

99 61.9 49.1 73.7

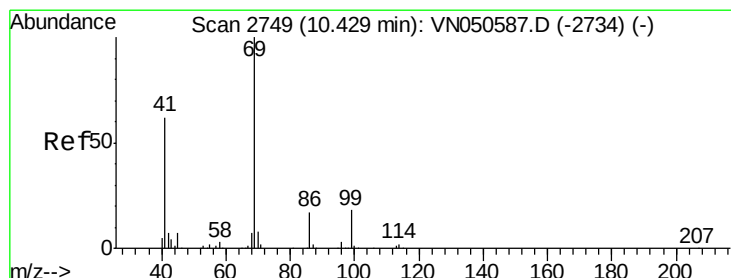
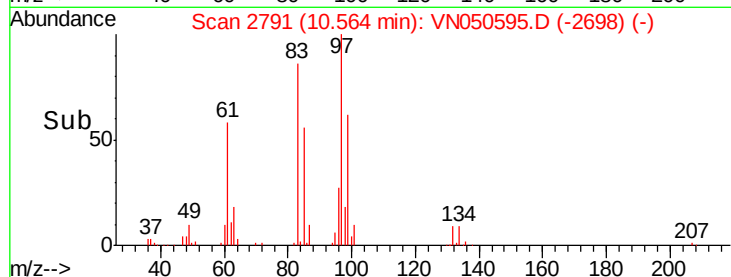
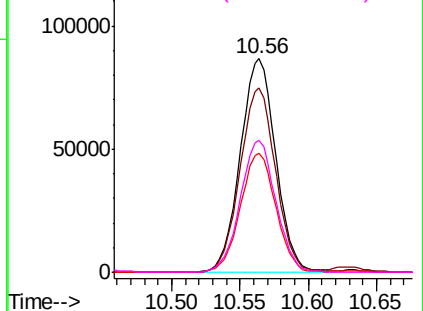


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.291 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

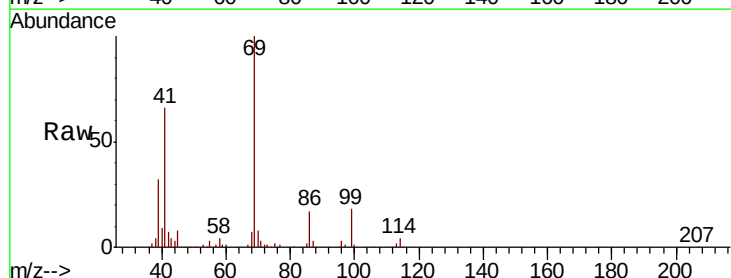
Tgt Ion: 69 Resp: 181420

Ion Ratio Lower Upper

69 100

41 63.7 49.7 74.5

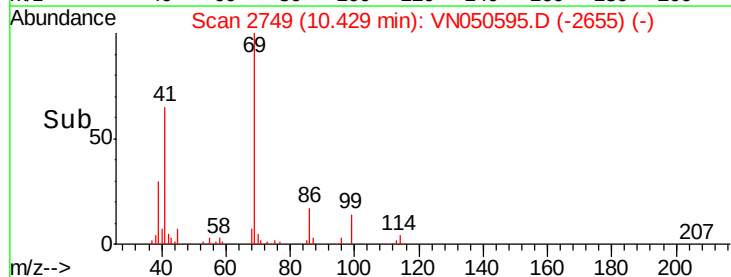
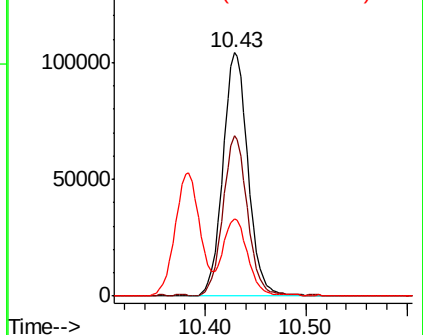
39 31.1 24.2 36.2

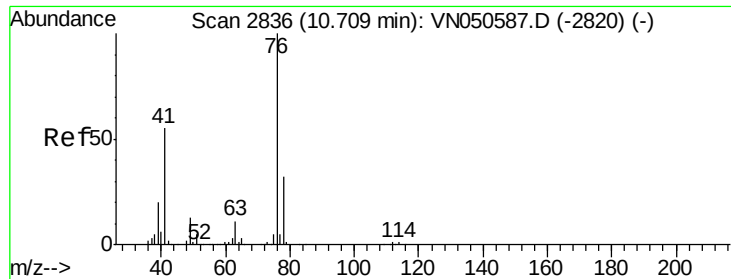


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.114 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

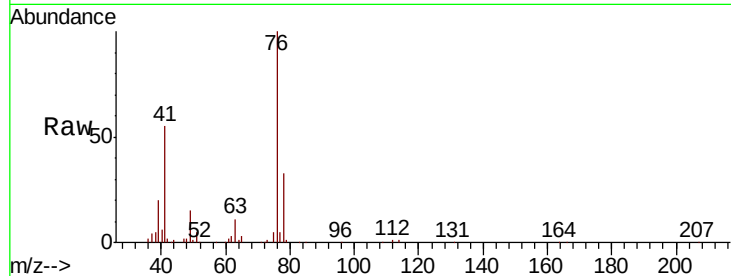
VN0814WBS01

Tgt Ion: 76 Resp: 259458

Ion Ratio Lower Upper

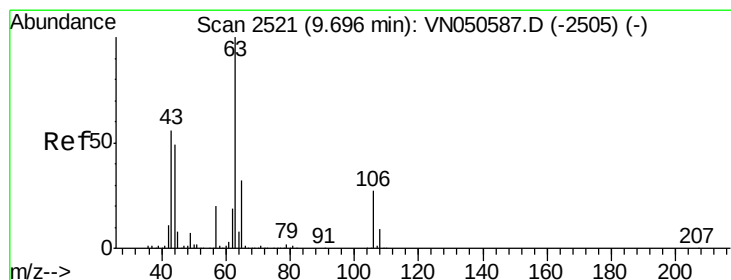
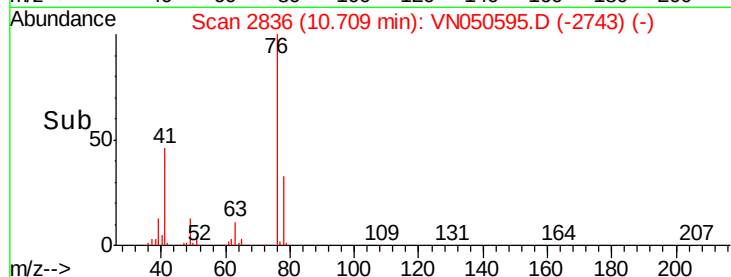
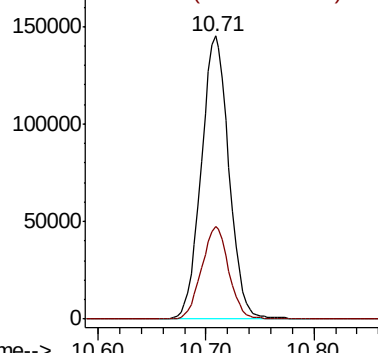
76 100

78 32.2 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: 97.609 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050595.D

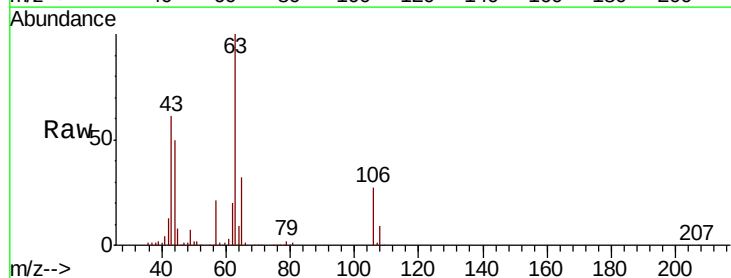
Acq: 14 Aug 2018 12:18

Tgt Ion: 63 Resp: 437439

Ion Ratio Lower Upper

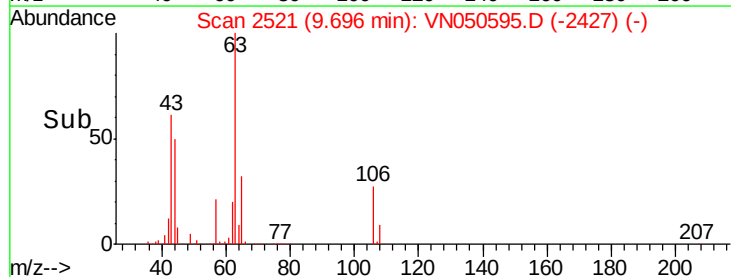
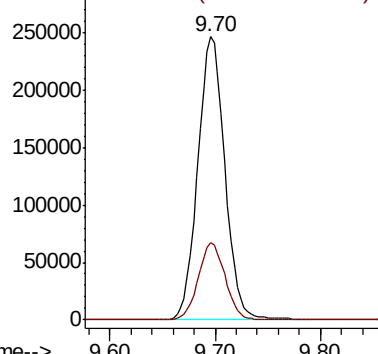
63 100

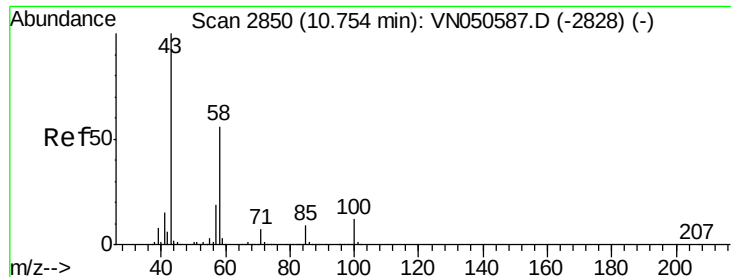
106 27.2 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

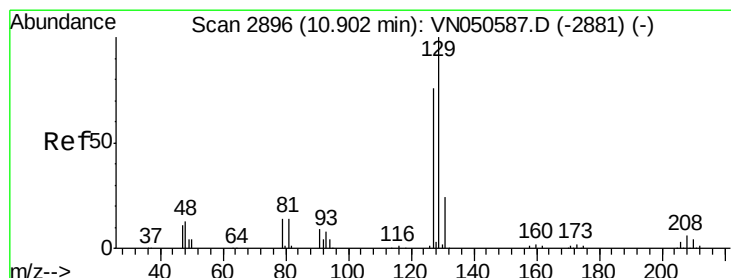
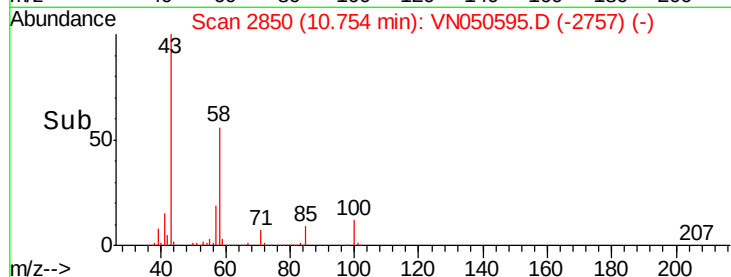
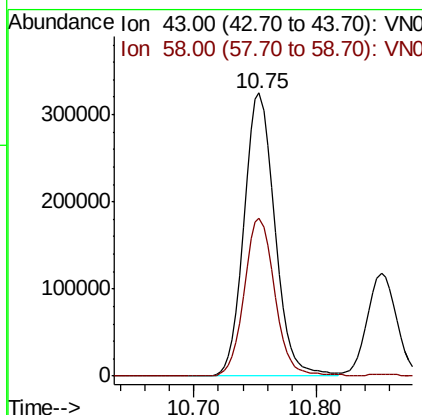
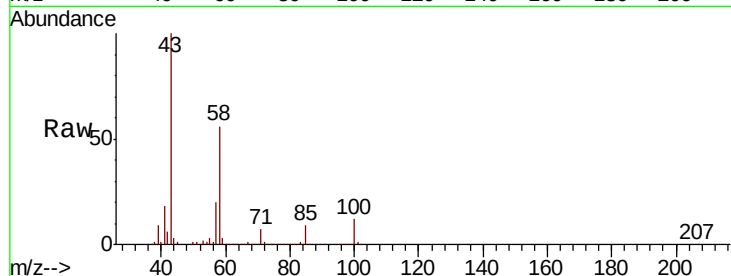




#59
2-Hexanone
Concen: 108.191 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

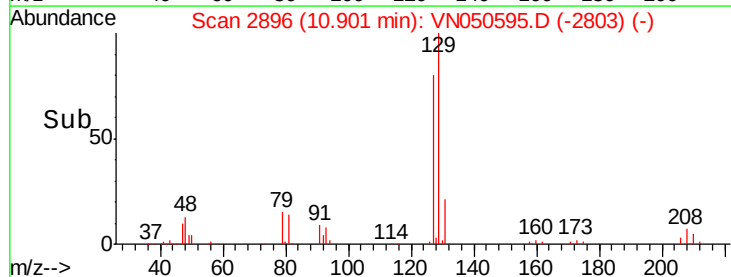
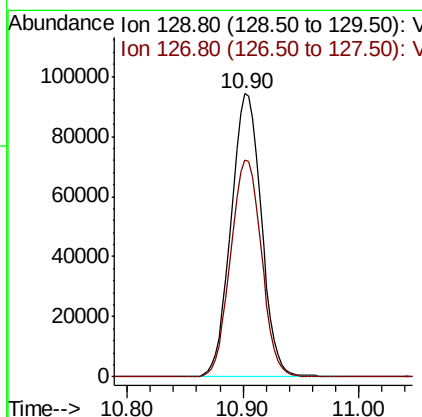
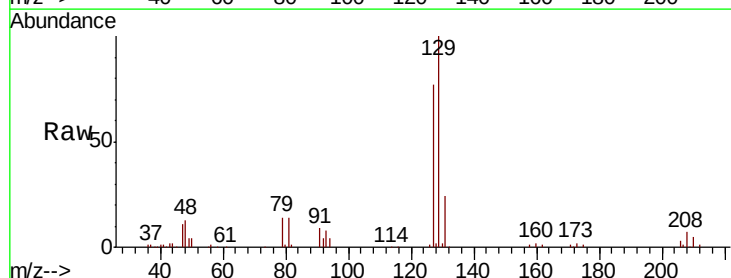
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

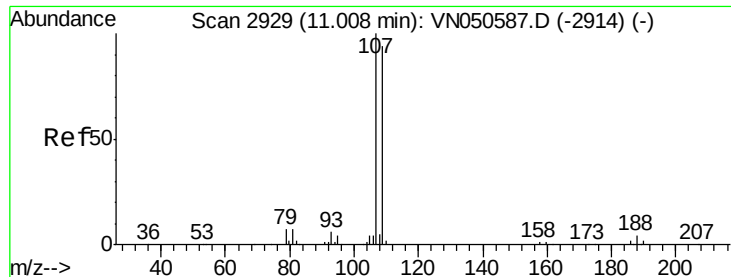
Tgt Ion: 43 Resp: 564093
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0



#60
Dibromochloromethane
Concen: 19.619 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion: 129 Resp: 170363
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

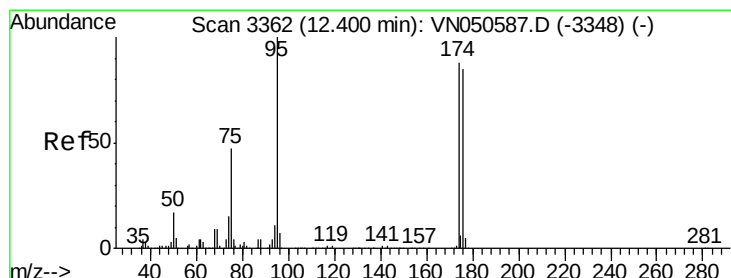
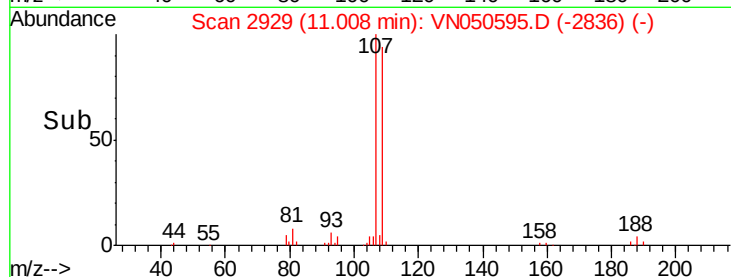
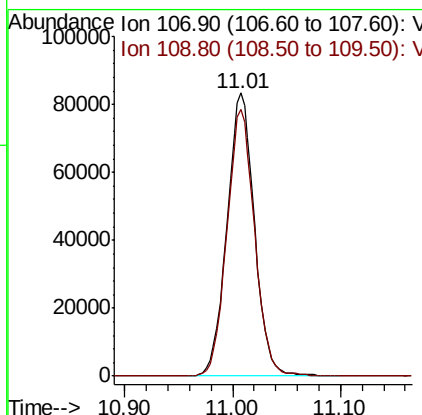
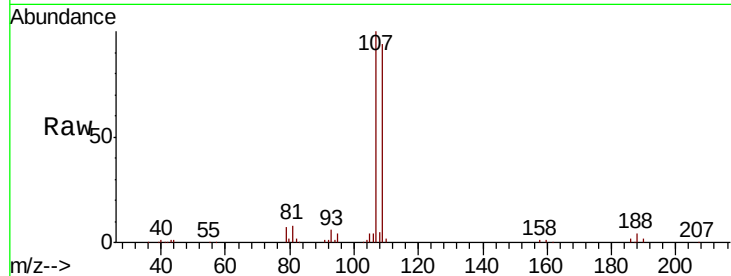




#61
 1,2-Dibromoethane
 Concen: 19.718 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

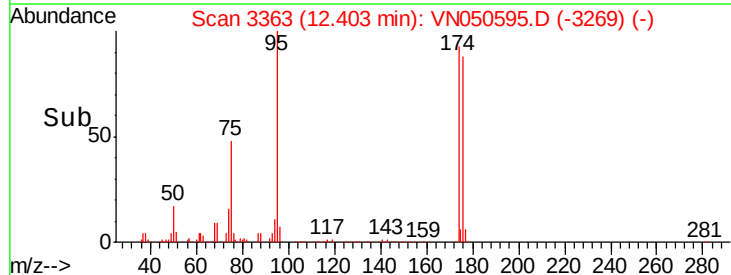
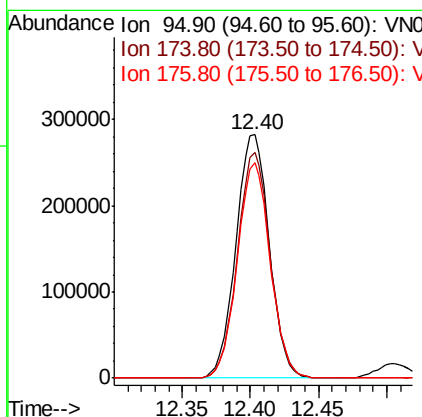
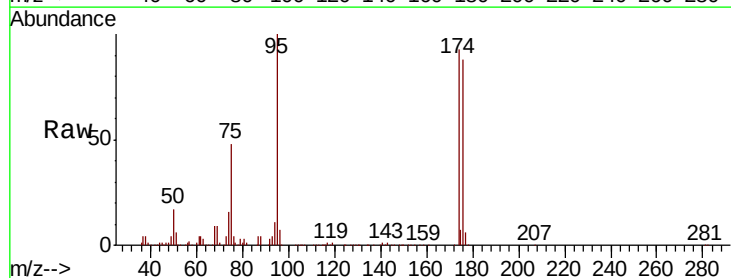
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

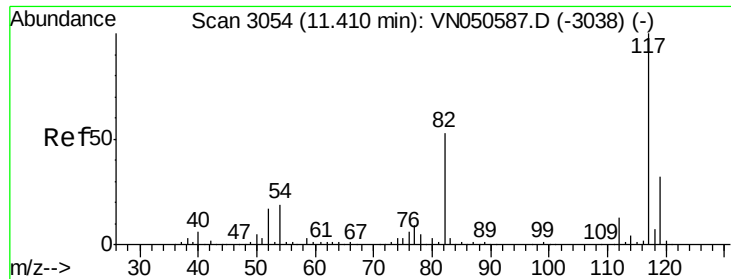
Tgt Ion: 107 Resp: 147750
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 46.414 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion: 95 Resp: 479897
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 177.8
 176 87.1 0.0 175.0

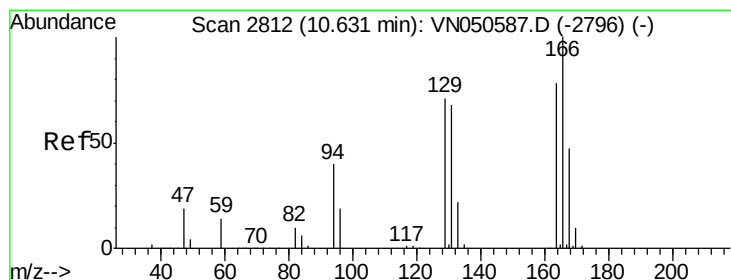
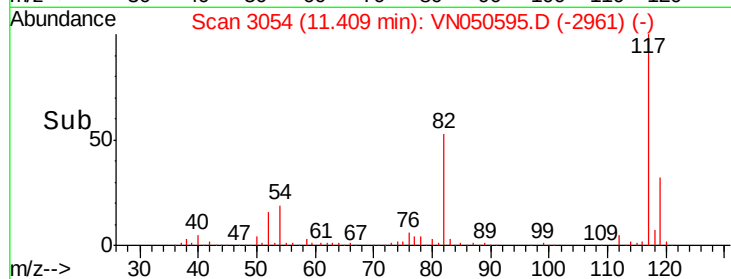
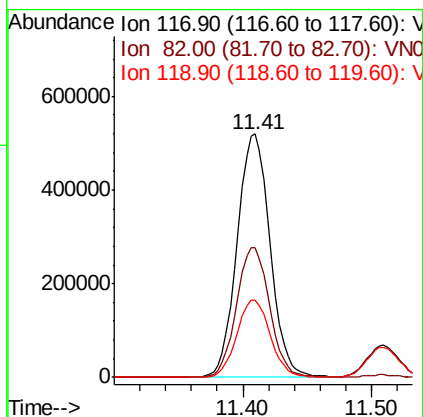
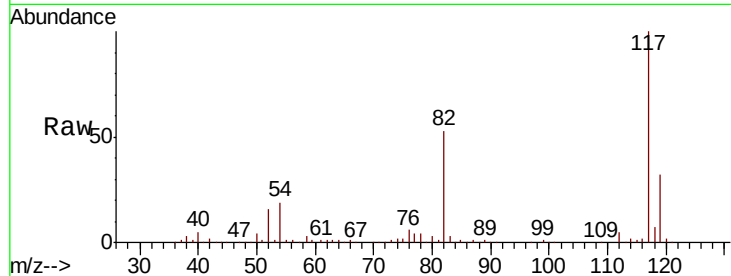




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

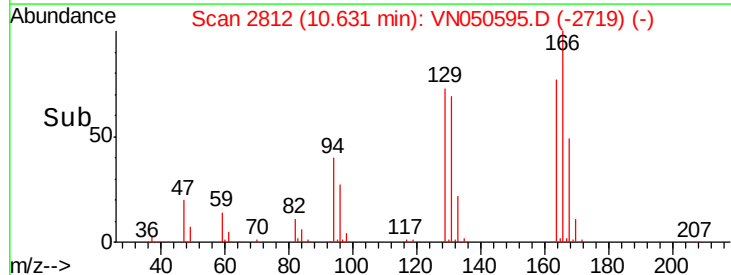
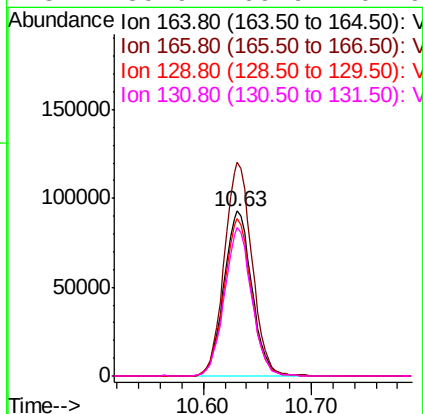
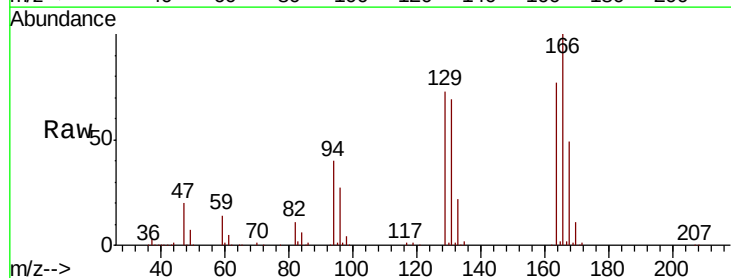
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

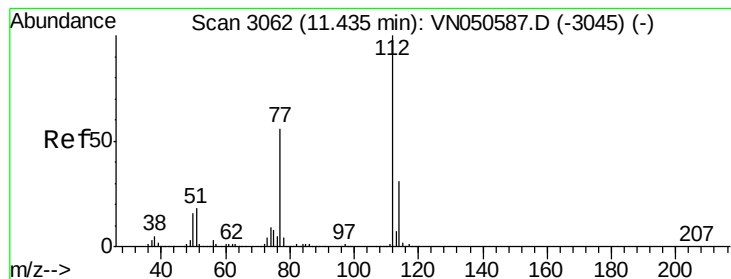
Tgt Ion:117 Resp: 924848
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 19.509 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion:164 Resp: 167560
Ion Ratio Lower Upper
164 100
166 129.5 102.1 153.1
129 95.1 72.7 109.1
131 89.9 69.9 104.9





#65

Chlorobenzene

Concen: 19.778 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

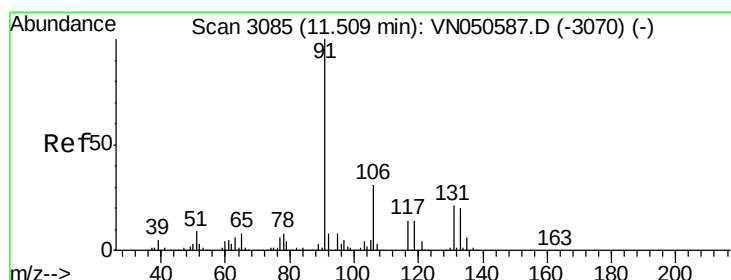
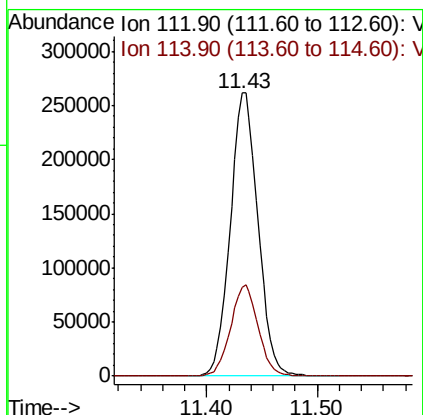
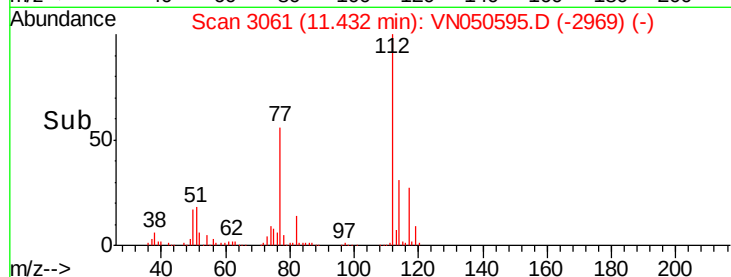
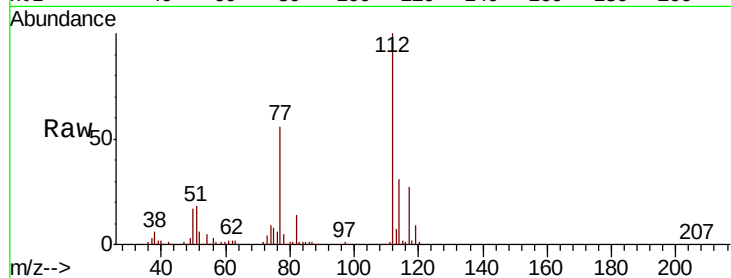
VN0814WBS01

Tgt Ion:112 Resp: 455240

Ion Ratio Lower Upper

112 100

114 31.4 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 19.740 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

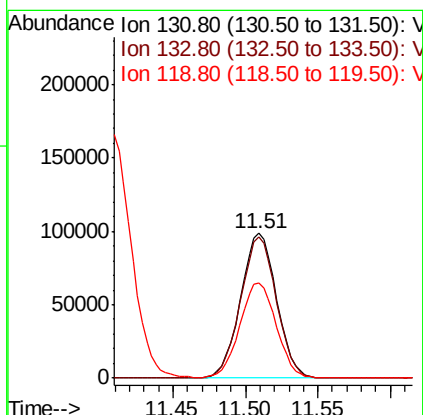
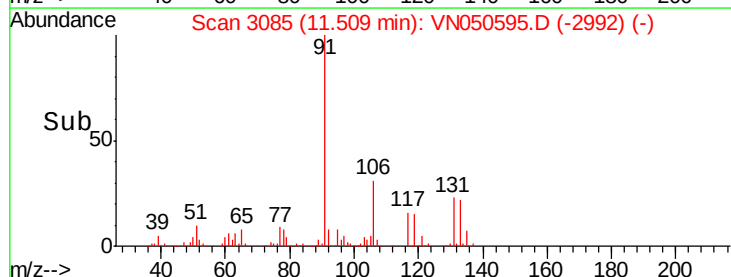
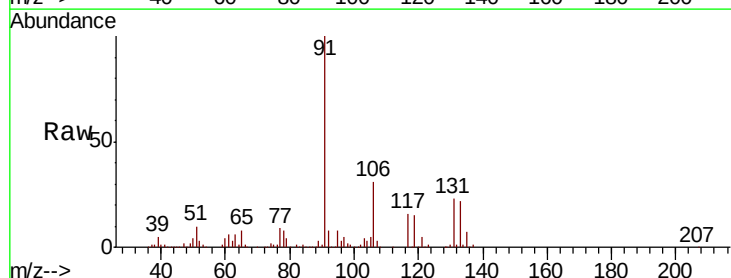
Tgt Ion:131 Resp: 170323

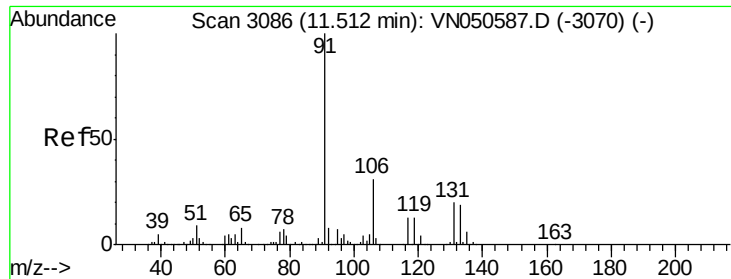
Ion Ratio Lower Upper

131 100

133 97.1 47.6 142.9

119 66.7 33.1 99.3





#67

Ethyl Benzene

Concen: 20.173 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

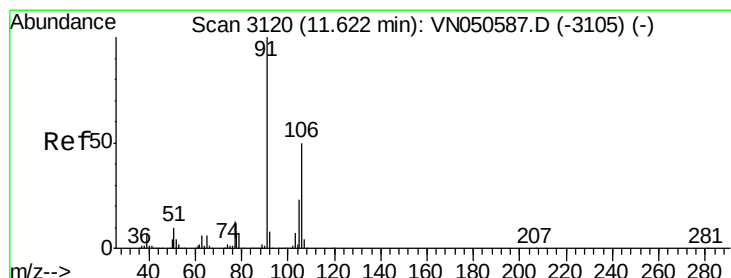
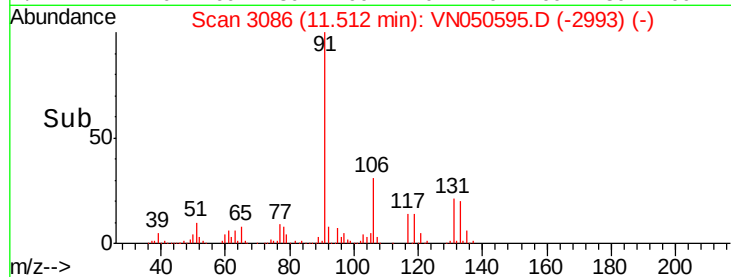
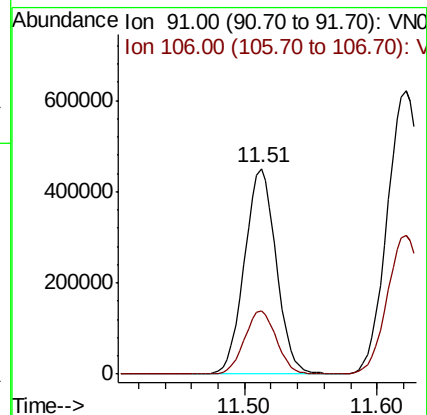
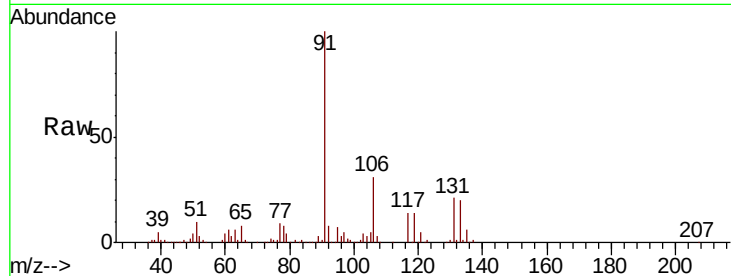
VN0814WBS01

Tgt Ion: 91 Resp: 749753

Ion Ratio Lower Upper

91 100

106 30.9 24.8 37.2



#68

m/p-Xylenes

Concen: 41.088 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050595.D

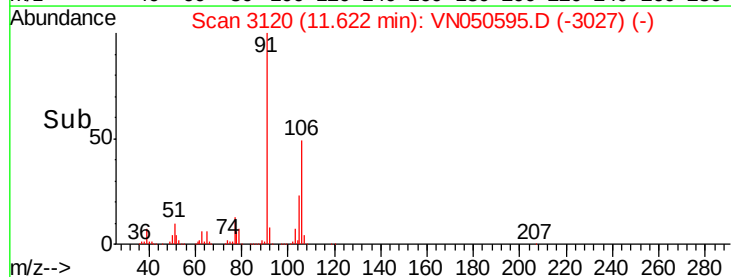
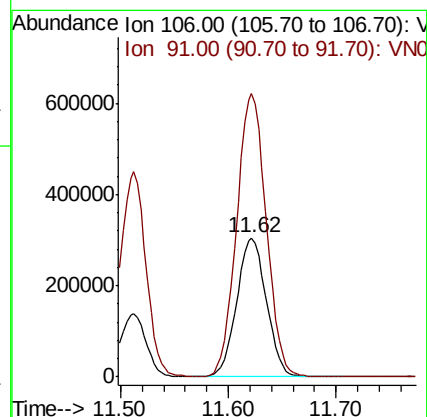
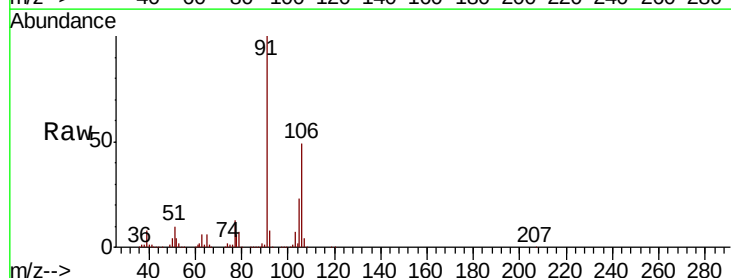
Acq: 14 Aug 2018 12:18

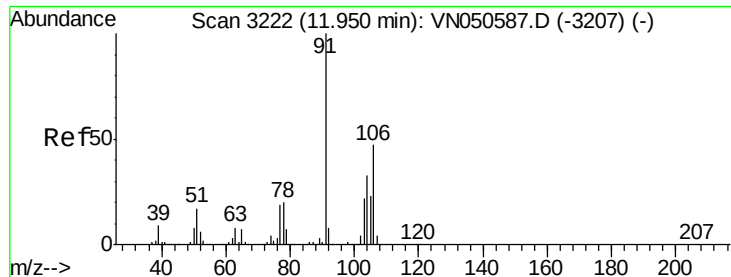
Tgt Ion: 106 Resp: 584052

Ion Ratio Lower Upper

106 100

91 203.3 161.5 242.3

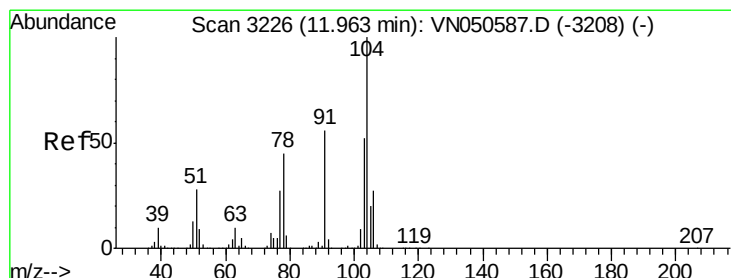
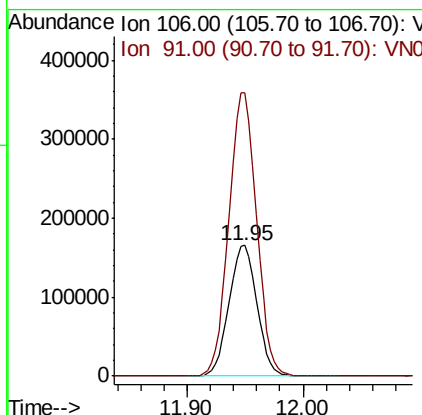
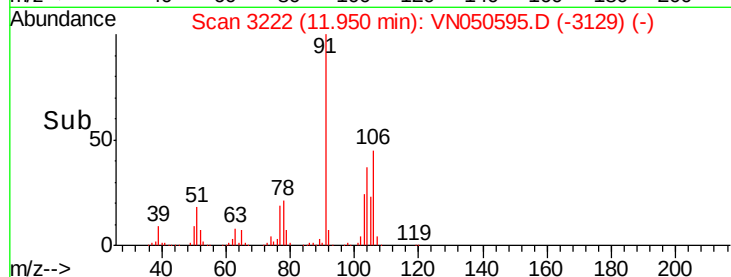
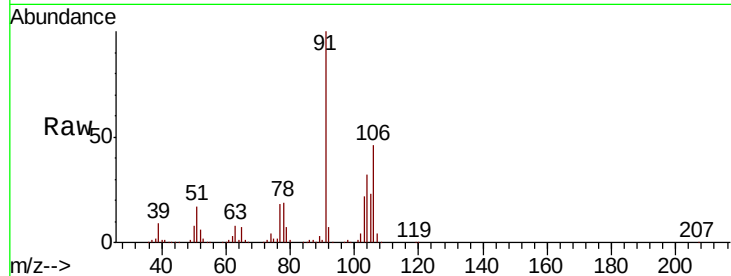




#69
o-Xylene
Concen: 20.237 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

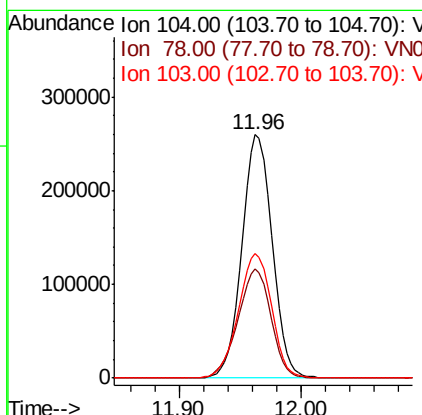
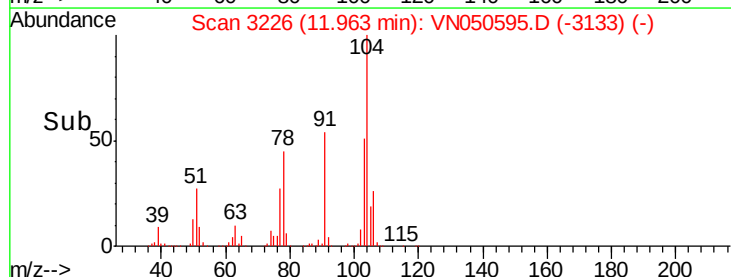
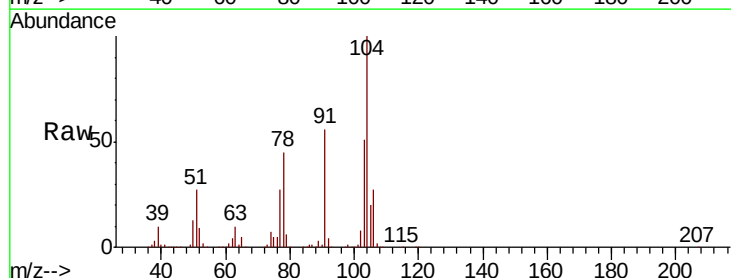
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

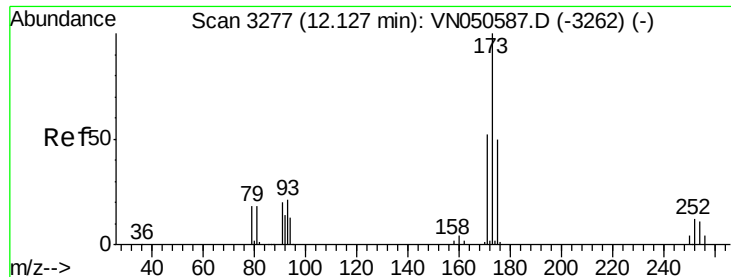
Tgt Ion:106 Resp: 274279
Ion Ratio Lower Upper
106 100
91 215.2 106.8 320.4



#70
Styrene
Concen: 19.051 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion:104 Resp: 444909
Ion Ratio Lower Upper
104 100
78 49.0 39.1 58.7
103 56.0 44.9 67.3





#71

Bromoform

Concen: 19.659 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS01

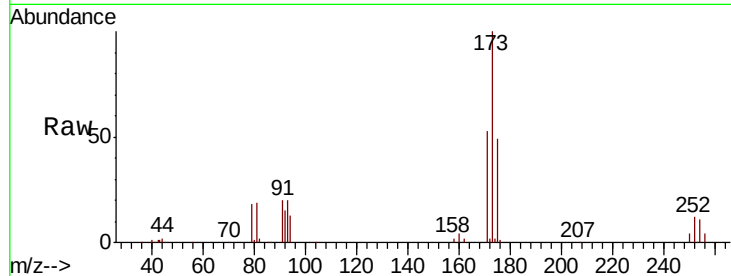
Tgt Ion:173 Resp: 112475

Ion Ratio Lower Upper

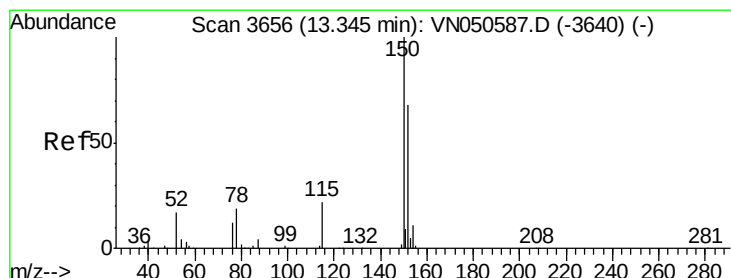
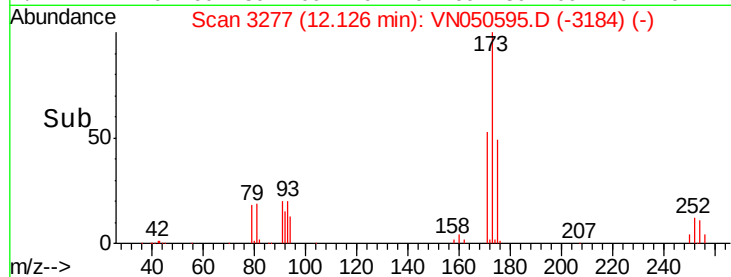
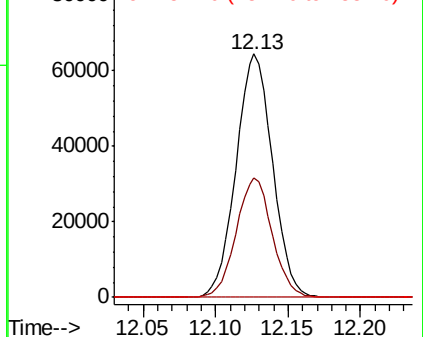
173 100

175 48.2 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: 13.34 min Scan# 3655

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

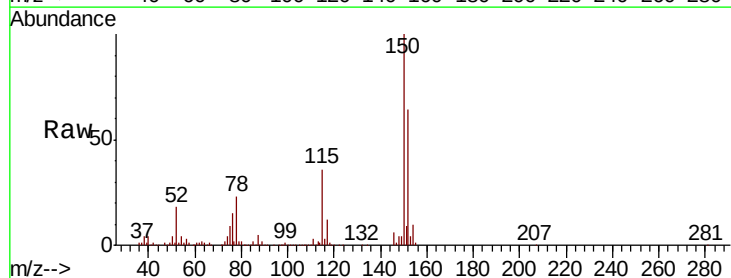
Tgt Ion:152 Resp: 456013

Ion Ratio Lower Upper

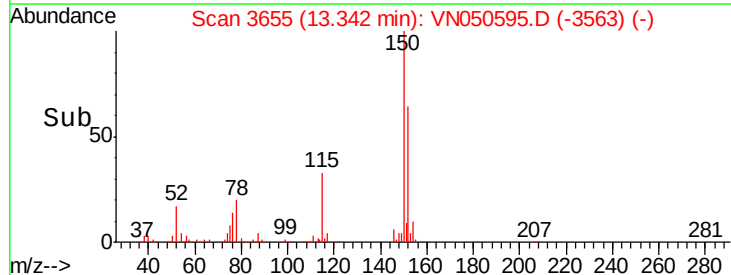
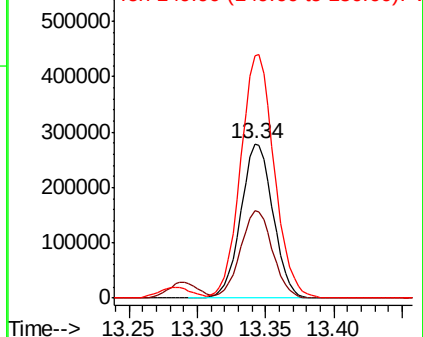
152 100

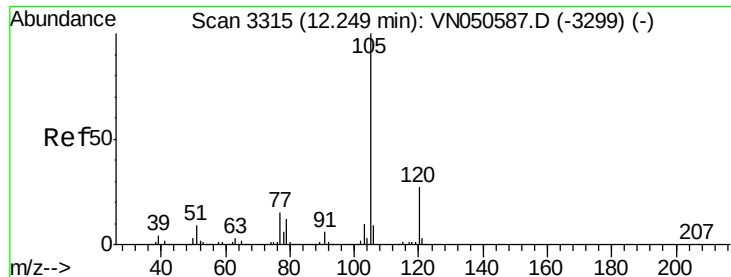
115 56.7 28.1 84.2

150 164.9 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: 20.453 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

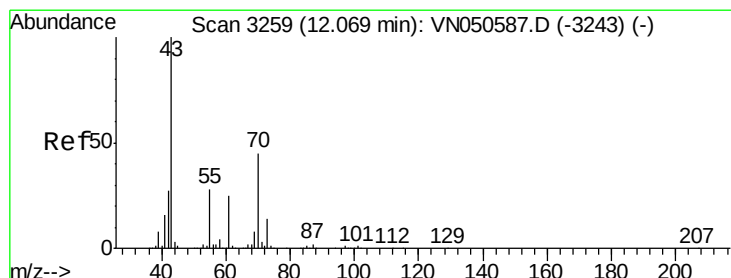
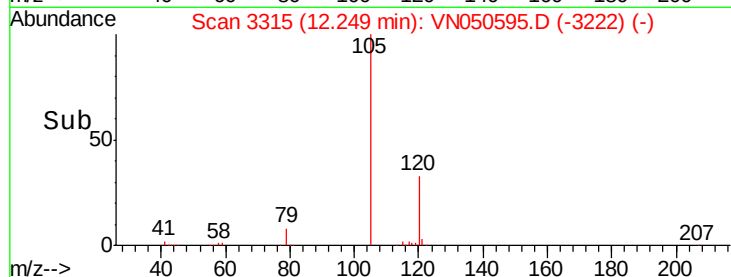
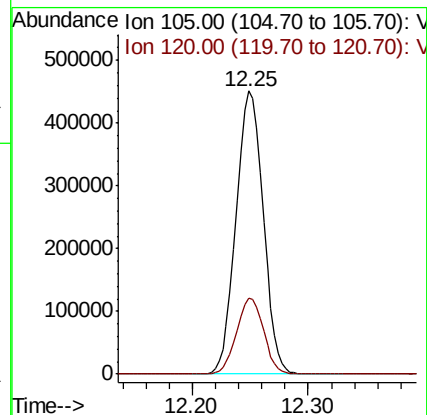
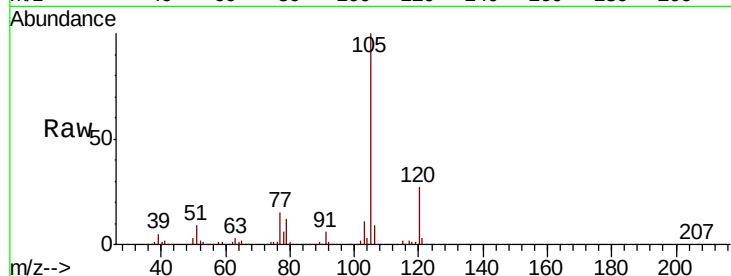
VN0814WBS01

Tgt Ion:105 Resp: 728690

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 20.516 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Tgt Ion: 43 Resp: 190171

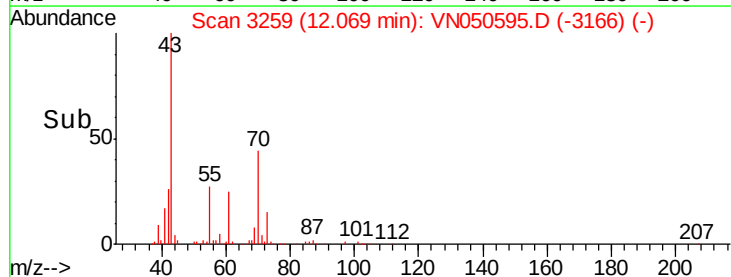
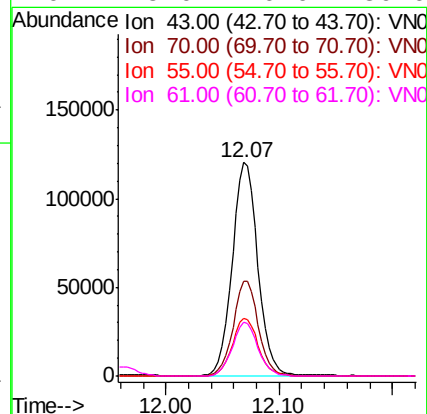
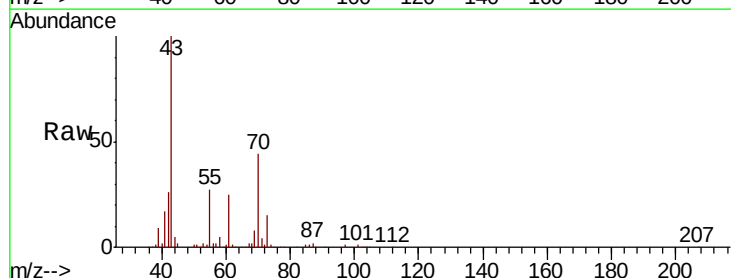
Ion Ratio Lower Upper

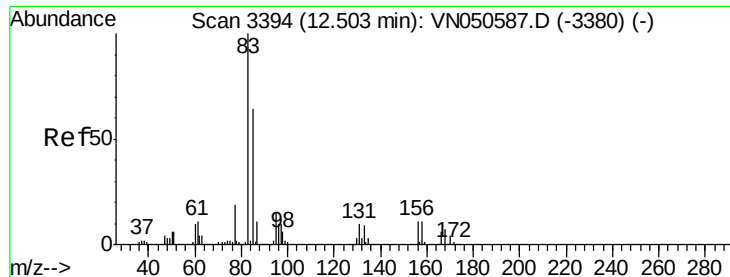
43 100

70 43.4 35.9 53.9

55 27.3 22.2 33.4

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.845 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampled :

VN0814WBS01

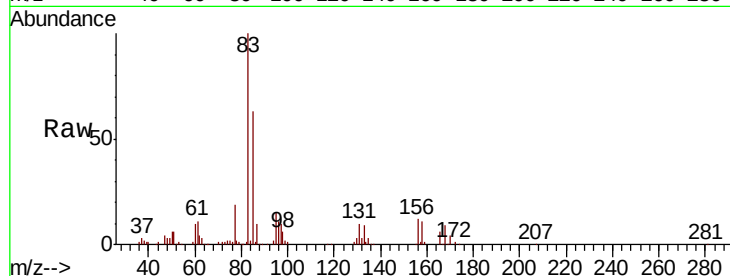
Tgt Ion: 83 Resp: 183634

Ion Ratio Lower Upper

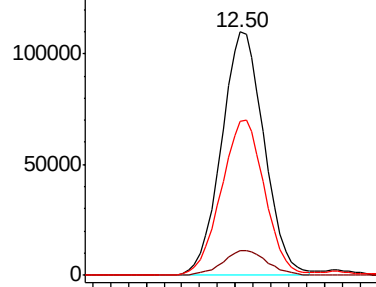
83 100

131 10.7 5.3 15.9

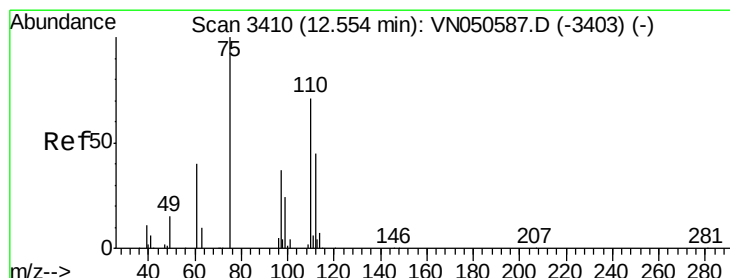
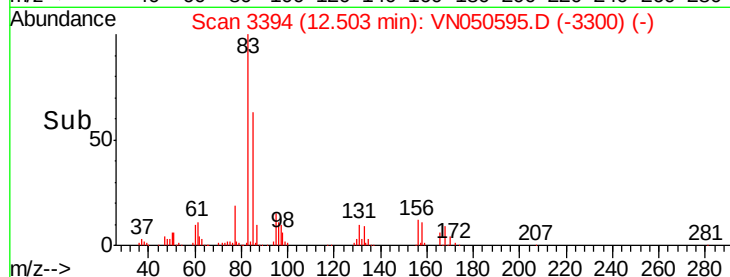
85 64.8 32.1 96.5



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



Time-->



#76

1,2,3-Trichloropropane

Concen: 18.678 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050595.D

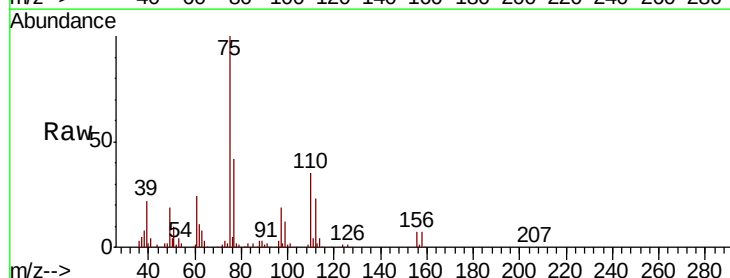
Acq: 14 Aug 2018 12:18

Tgt Ion: 75 Resp: 142348

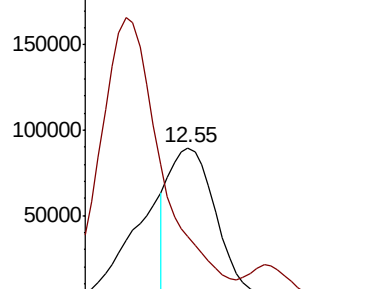
Ion Ratio Lower Upper

75 100

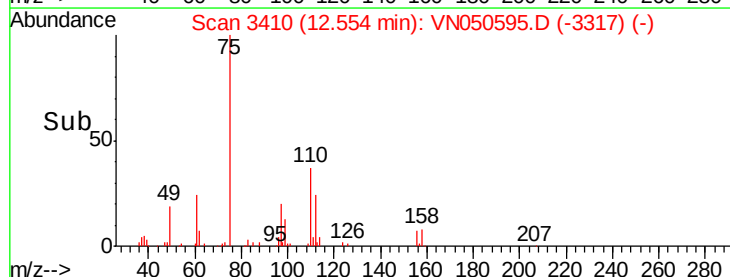
77 0.0 0.0 0.0

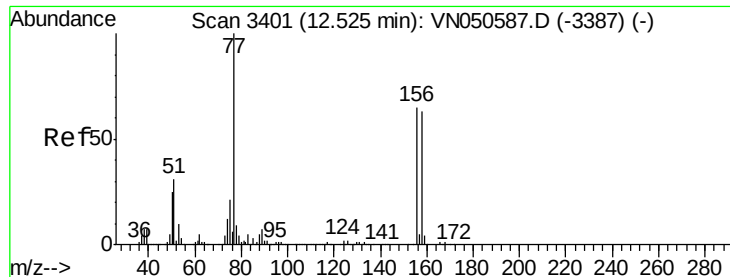


Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO



Time-->





#77

Bromobenzene

Concen: 19.449 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS01

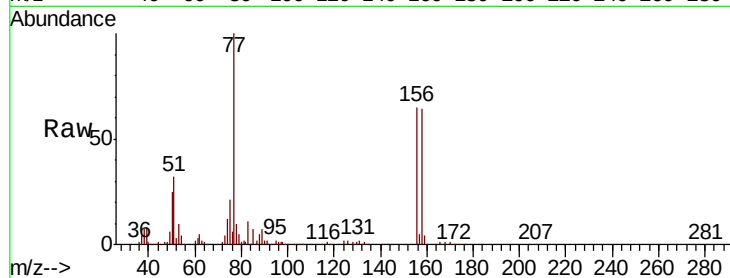
Tgt Ion:156 Resp: 188131

Ion Ratio Lower Upper

156 100

77 179.4 89.0 267.1

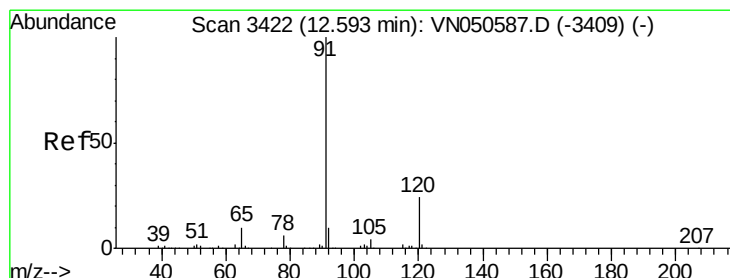
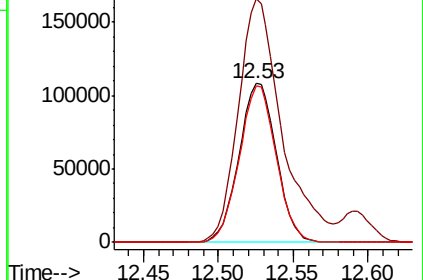
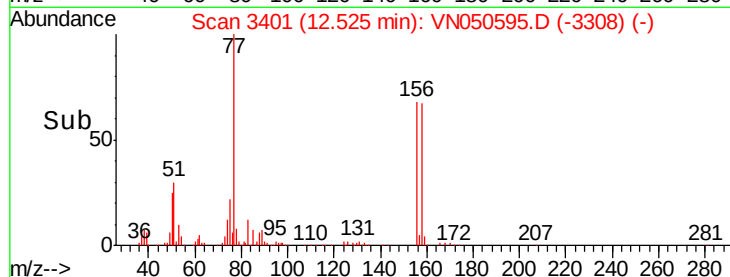
158 97.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.528 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050595.D

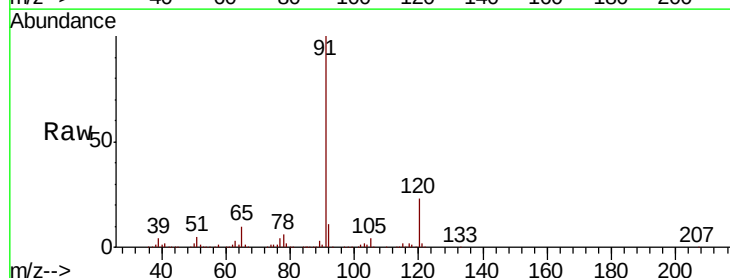
Acq: 14 Aug 2018 12:18

Tgt Ion: 91 Resp: 815566

Ion Ratio Lower Upper

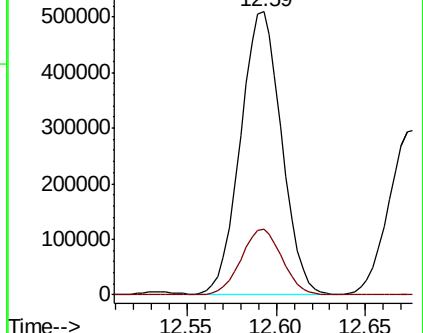
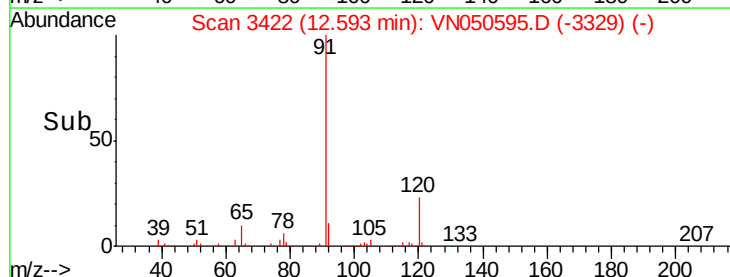
91 100

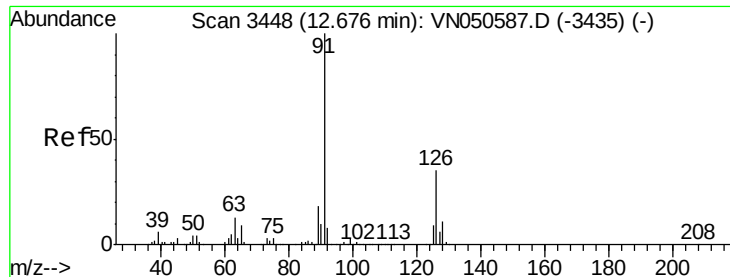
120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.028 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampled :

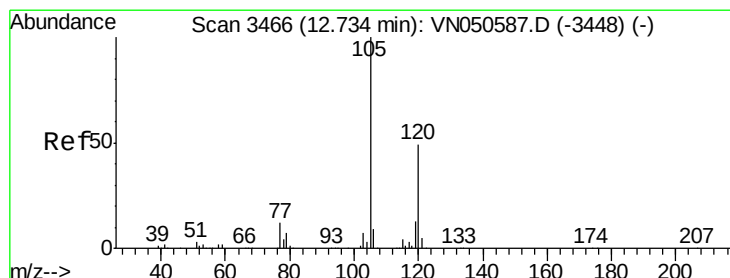
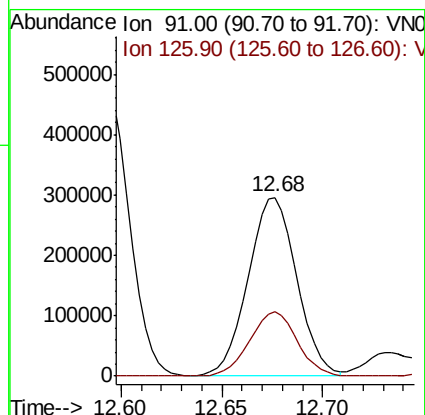
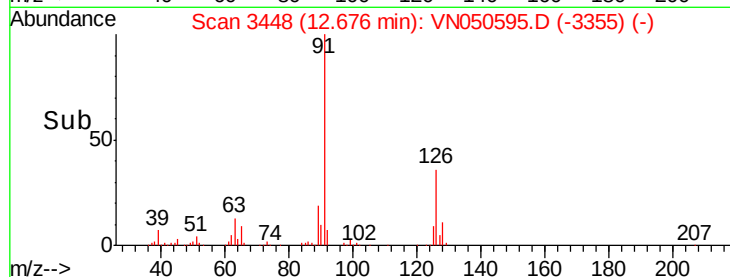
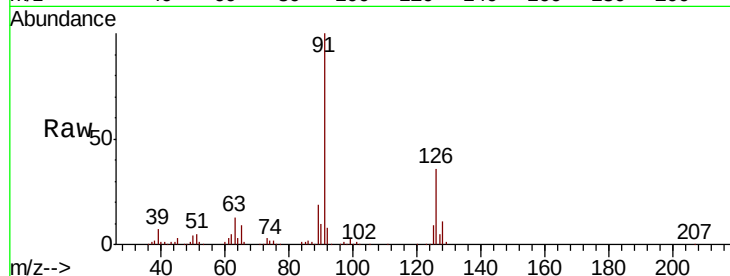
VN0814WBS01

Tgt Ion: 91 Resp: 496098

Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 20.901 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050595.D

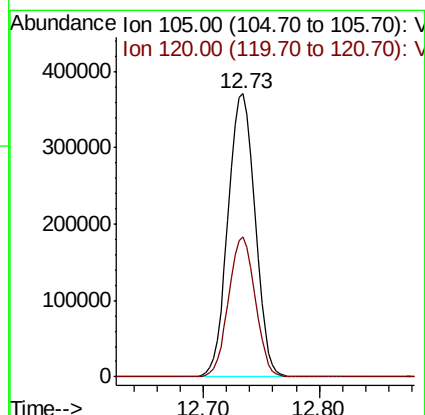
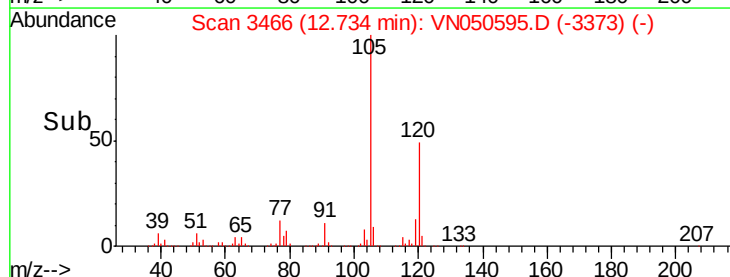
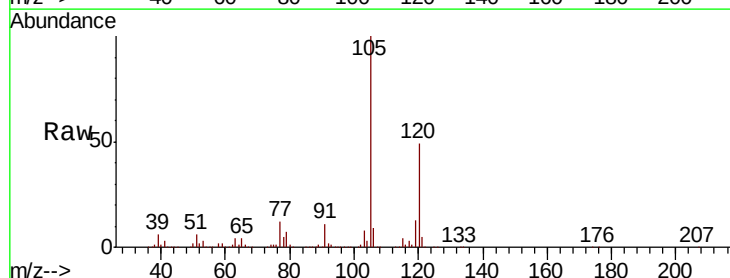
Acq: 14 Aug 2018 12:18

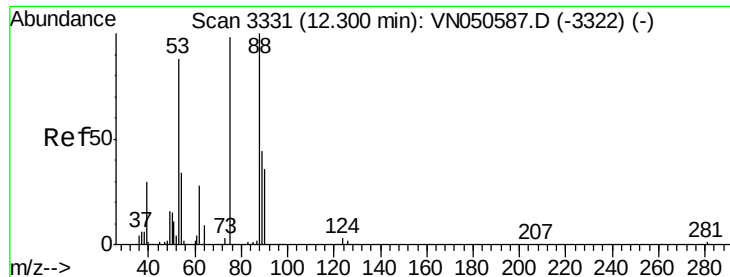
Tgt Ion: 105 Resp: 596235

Ion Ratio Lower Upper

105 100

120 48.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 21.075 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050595.D

Acq: 14 Aug 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS01

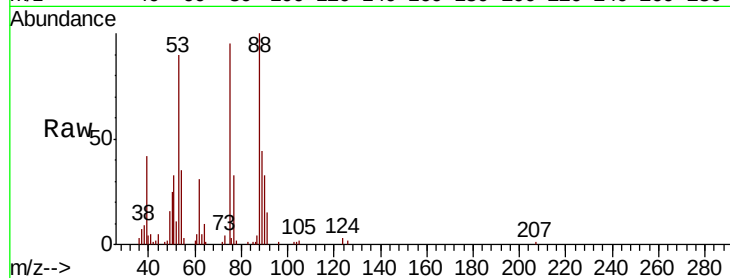
Tgt Ion: 75 Resp: 43228

Ion Ratio Lower Upper

75 100

53 93.1 72.2 108.2

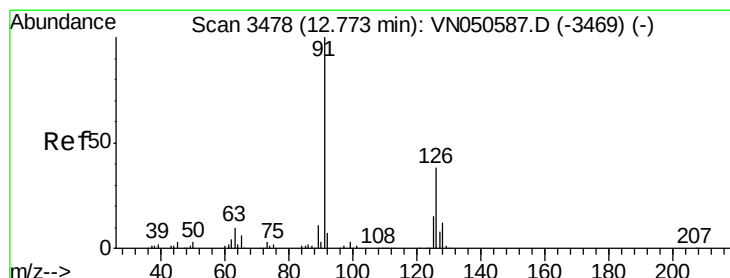
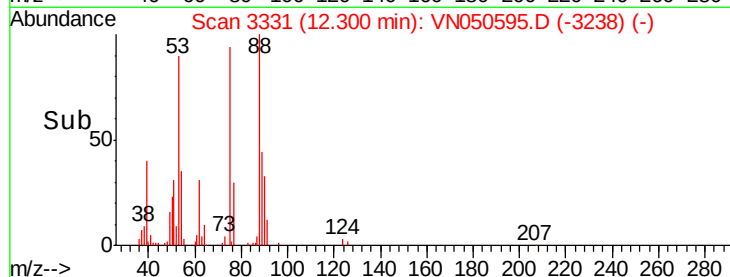
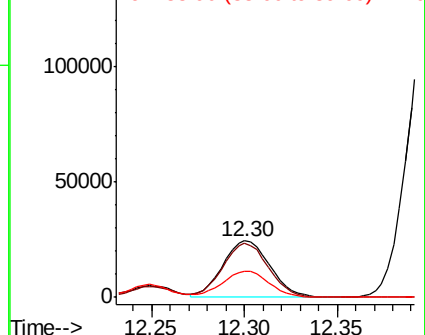
89 46.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.403 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050595.D

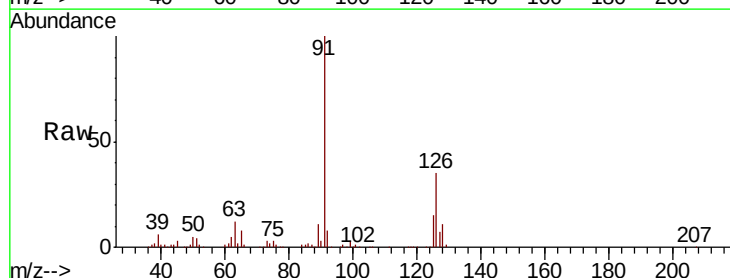
Acq: 14 Aug 2018 12:18

Tgt Ion: 91 Resp: 499404

Ion Ratio Lower Upper

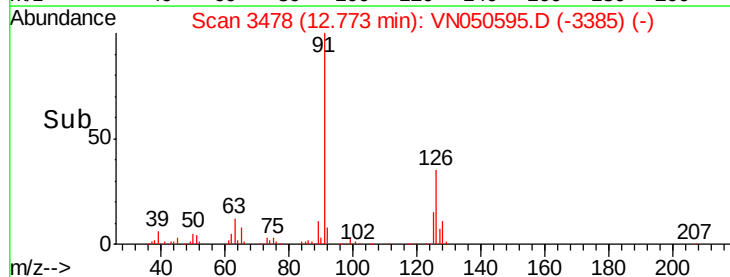
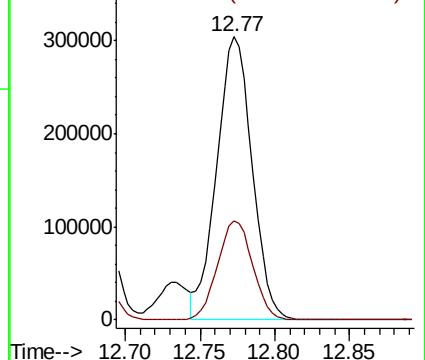
91 100

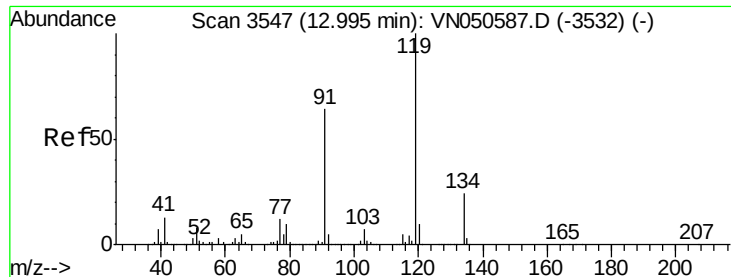
126 35.0 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

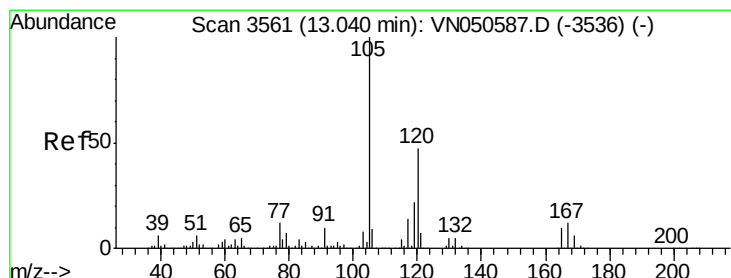
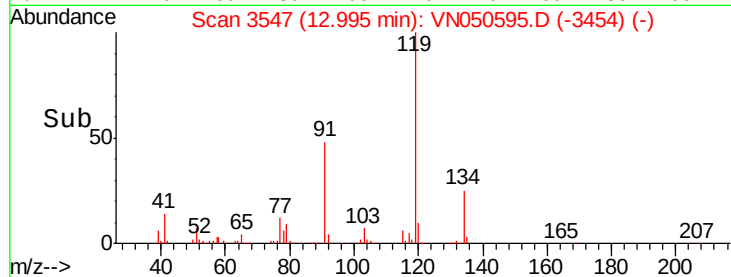
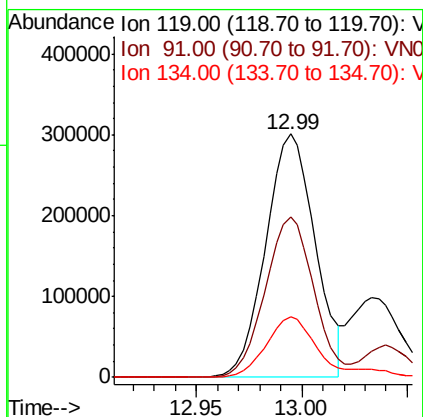
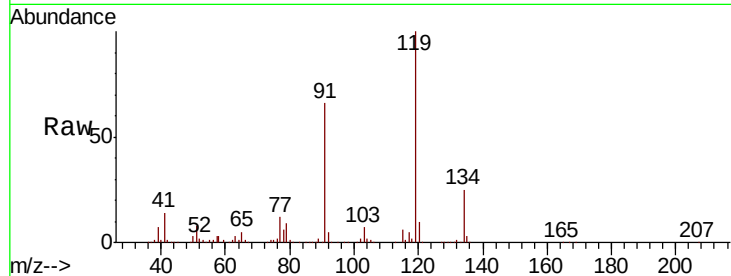




#83
 tert-Butylbenzene
 Concen: 19.864 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

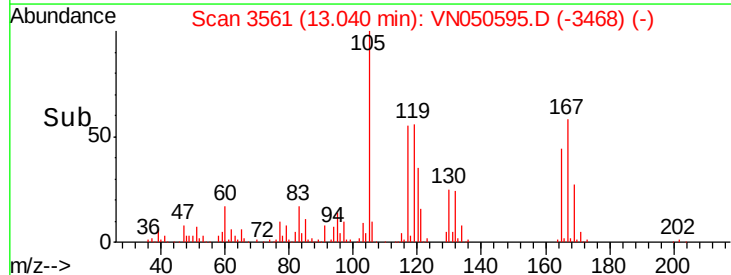
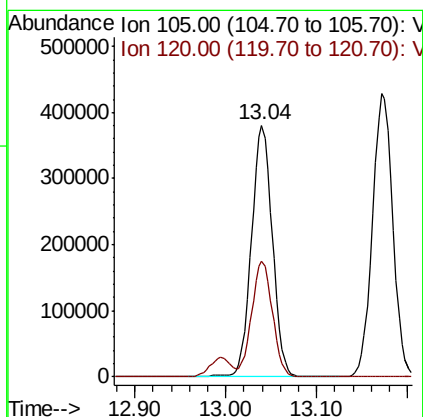
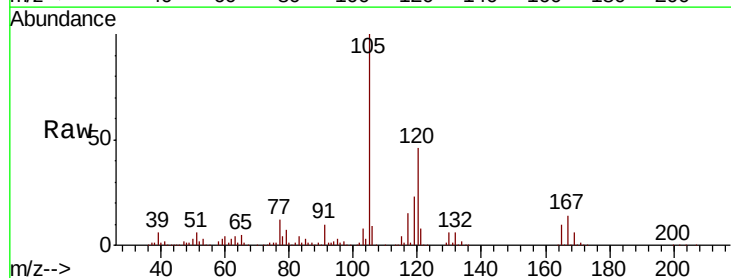
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

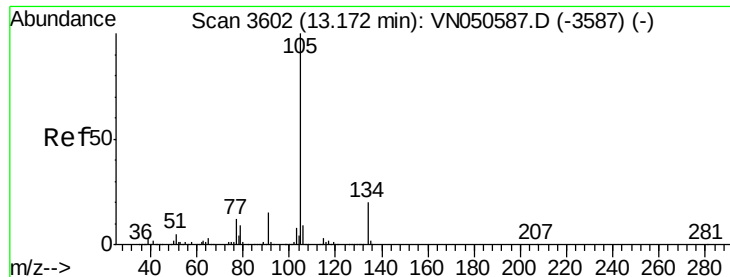
Tgt Ion:119 Resp: 491889
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.2 96.6
 134 24.6 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 21.215 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion:105 Resp: 607422
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.2 69.5

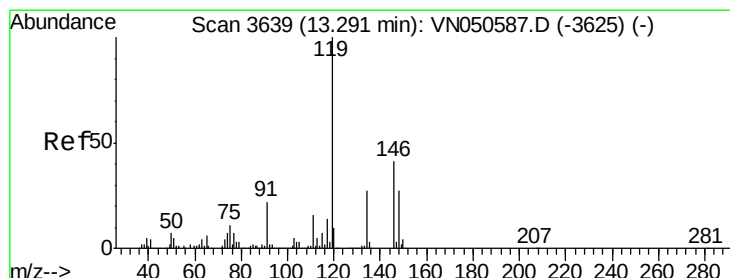
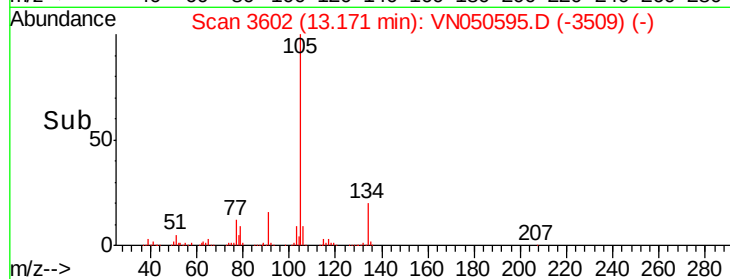
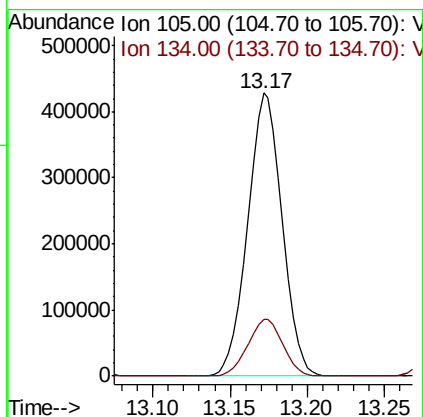
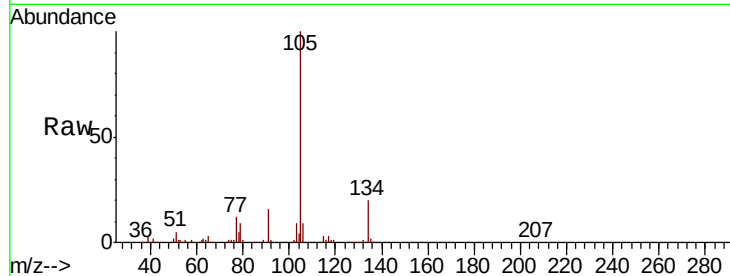




#85
 sec-Butylbenzene
 Concen: 20.519 ug/l
 RT: 13.17 min Scan# 3602
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

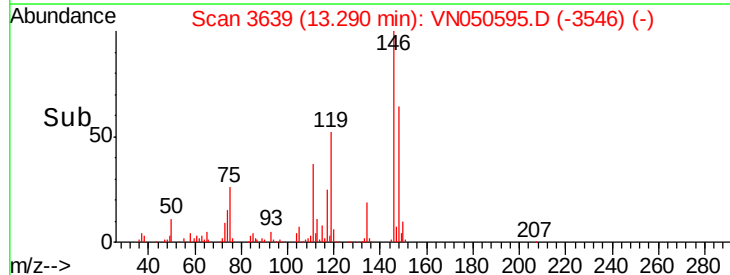
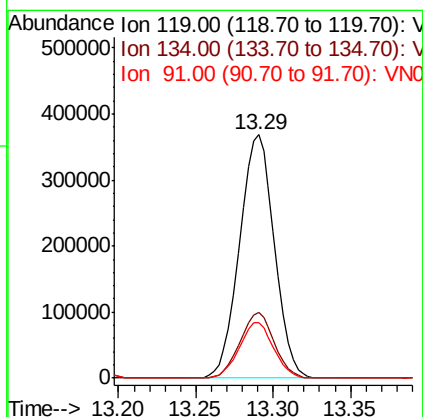
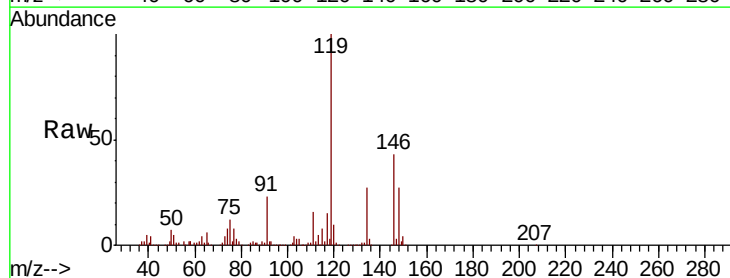
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

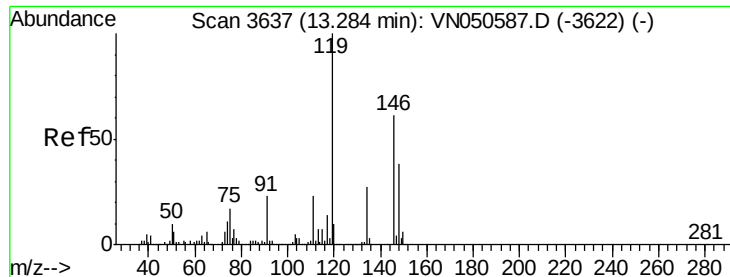
Tgt Ion:105 Resp: 663972
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.941 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion:119 Resp: 574202
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 22.5 11.2 33.6

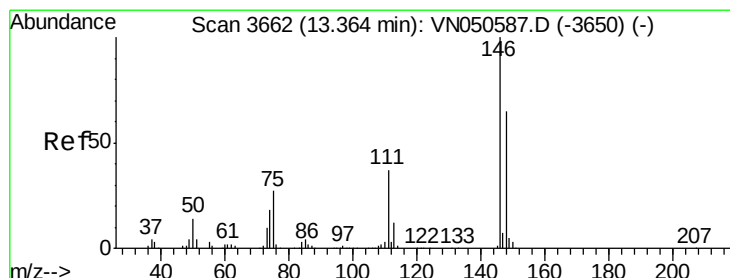
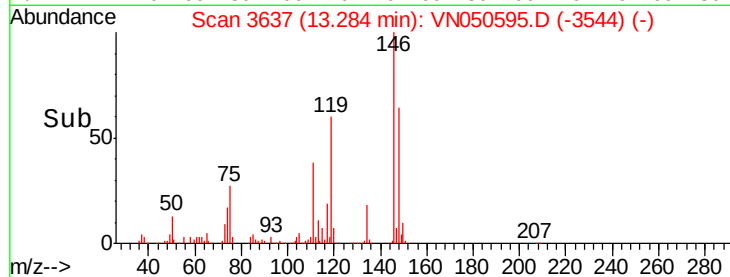
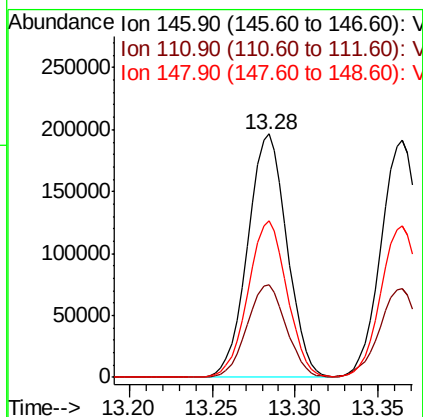
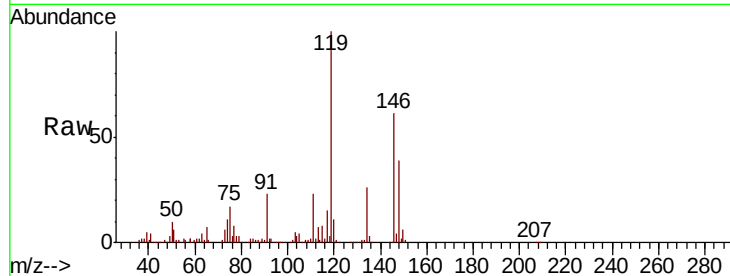




#87
 1,3-Dichlorobenzene
 Concen: 19.625 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

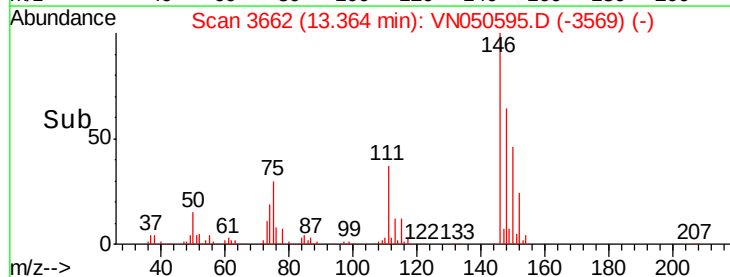
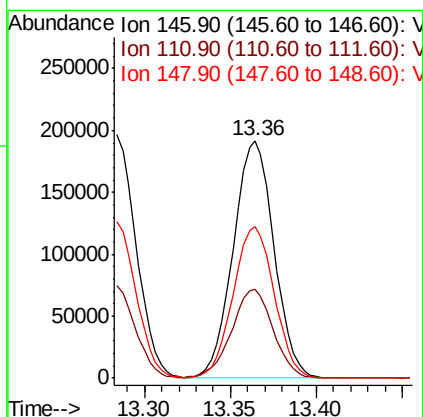
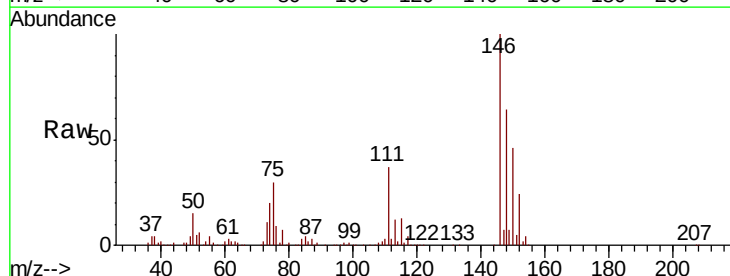
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

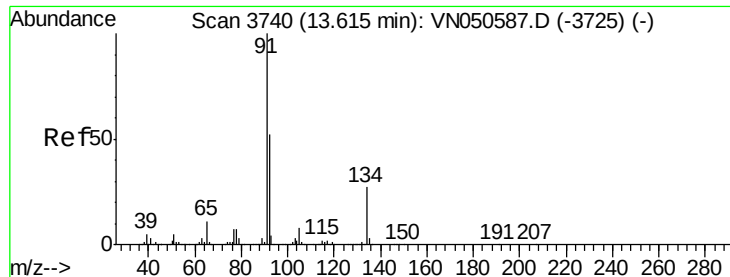
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.2	57.6
148	63.7	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.292 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	64.5	32.3	96.8

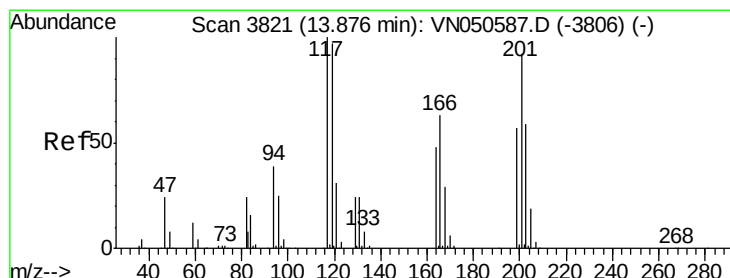
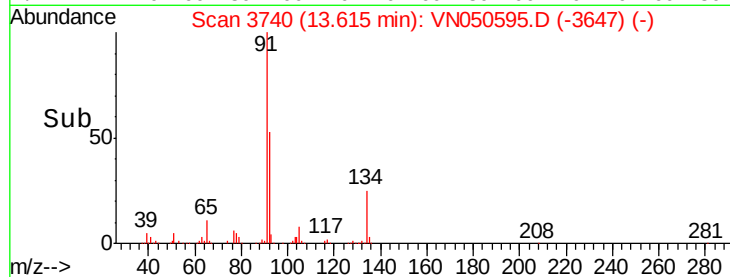
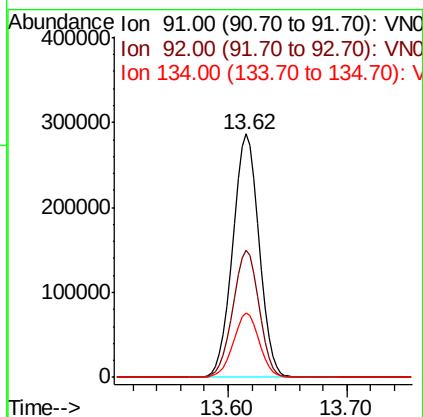
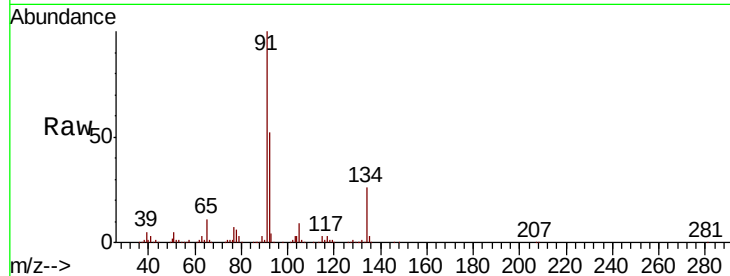




#89
n-Butylbenzene
Concen: 19.855 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

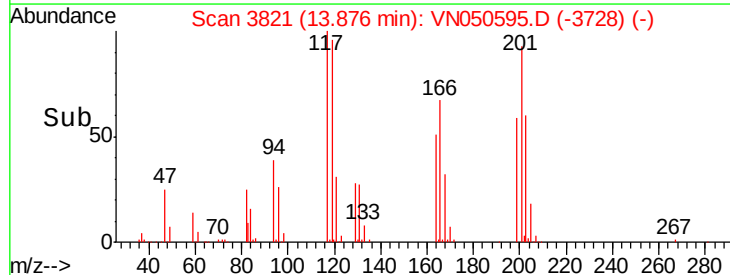
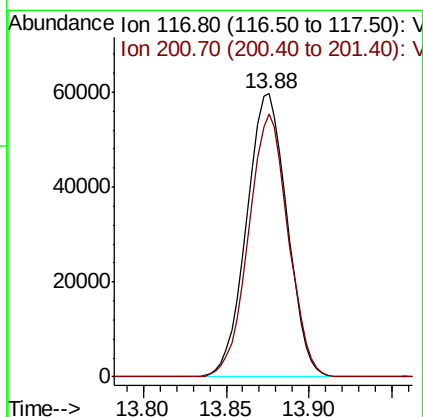
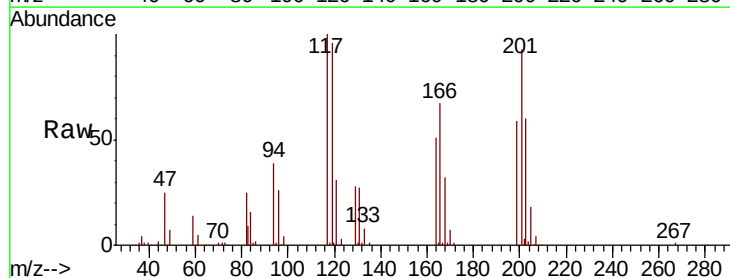
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

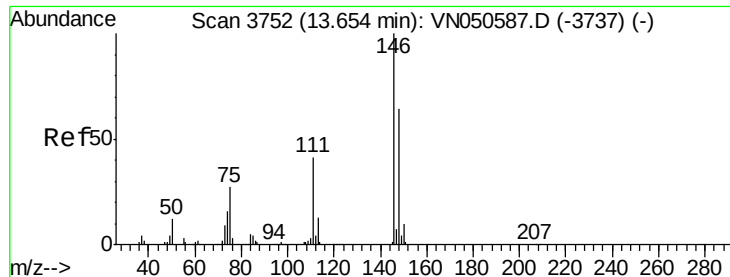
Tgt Ion: 91 Resp: 439626
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.8
134 25.9 13.3 39.9



#90
Hexachloroethane
Concen: 18.401 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion: 117 Resp: 101455
Ion Ratio Lower Upper
117 100
201 90.5 45.5 136.5

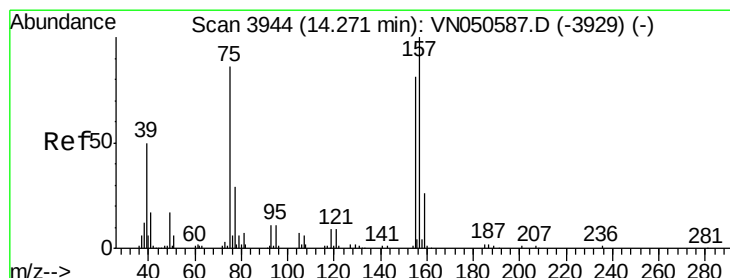
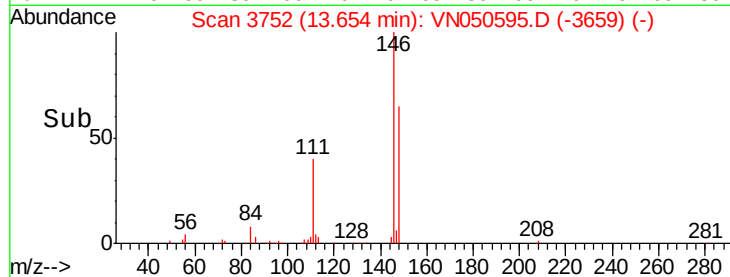
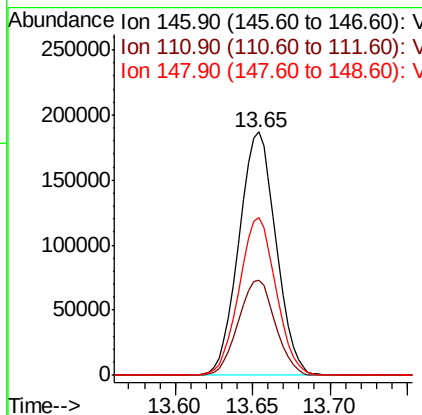
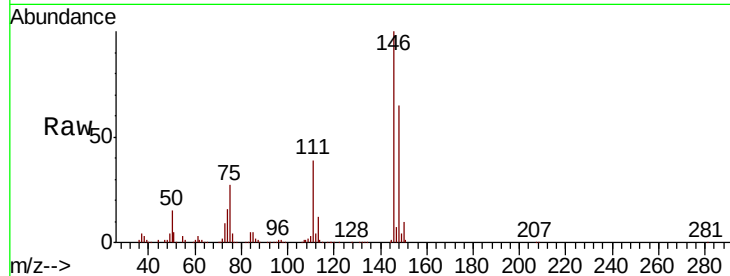




#91
 1,2-Dichlorobenzene
 Concen: 19.371 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

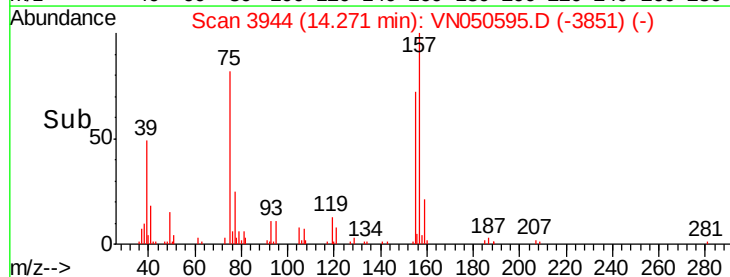
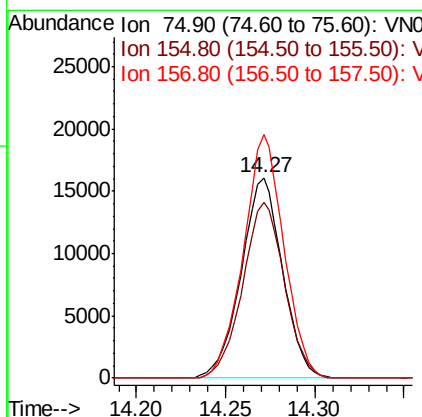
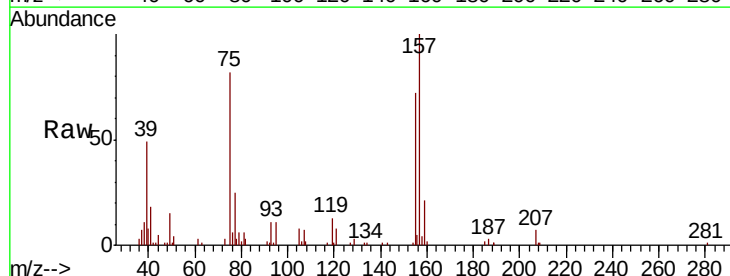
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

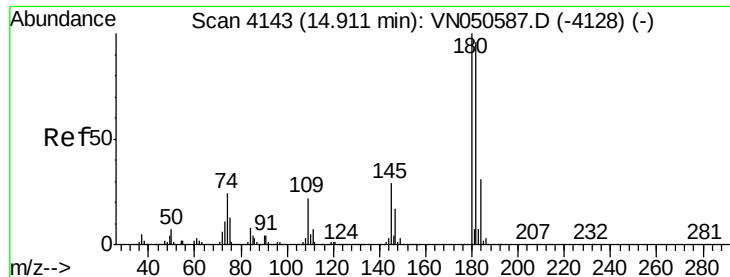
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.4
148	64.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.467 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	46.6	139.8
157	118.7	58.1	174.2

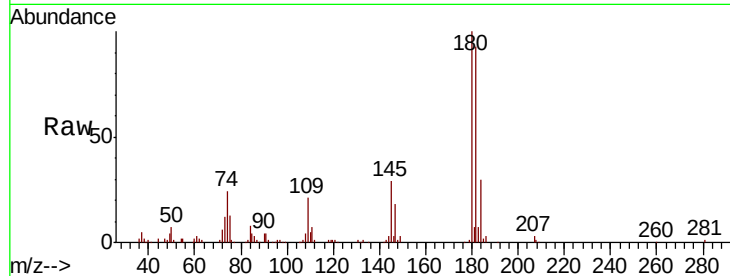




#93
 1,2,4-Trichlorobenzene
 Concen: 18.696 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	28.6	14.4	43.4

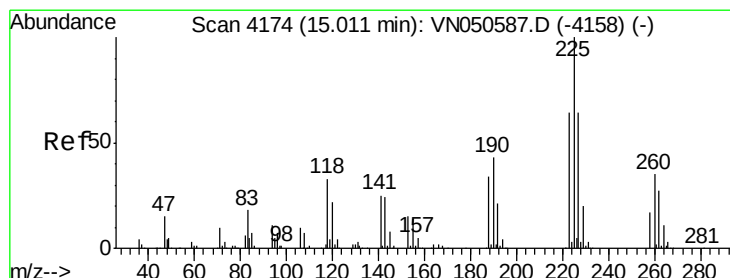
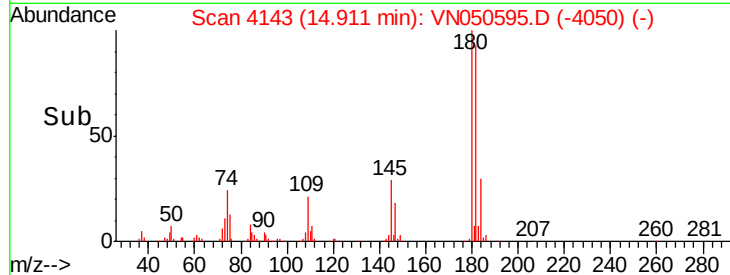
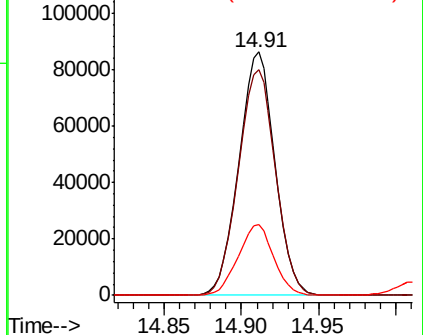


Abundance

Ion 179.80 (179.50 to 180.50): V

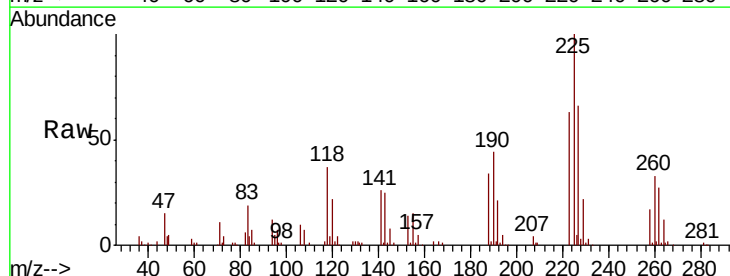
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.875 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050595.D
 Acq: 14 Aug 2018 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.1	96.3
227	64.8	32.0	96.2

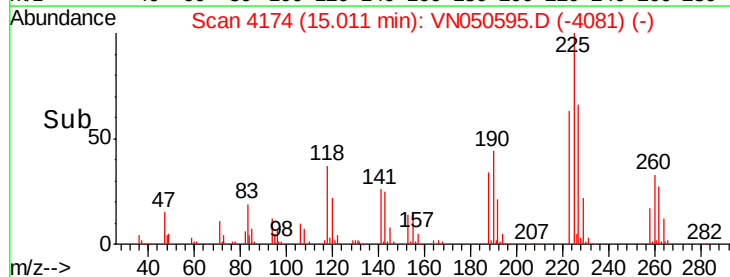
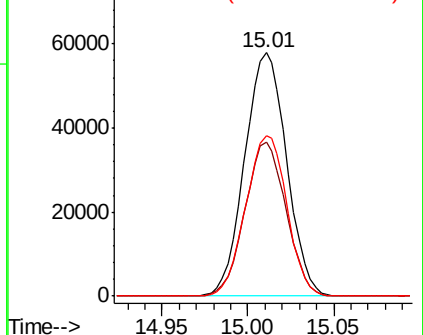


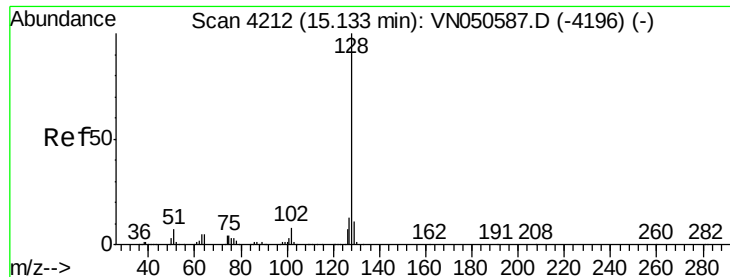
Abundance

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

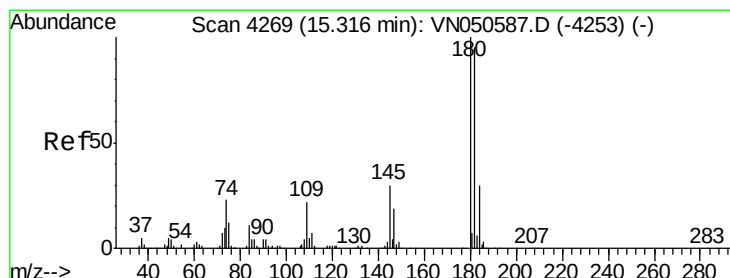
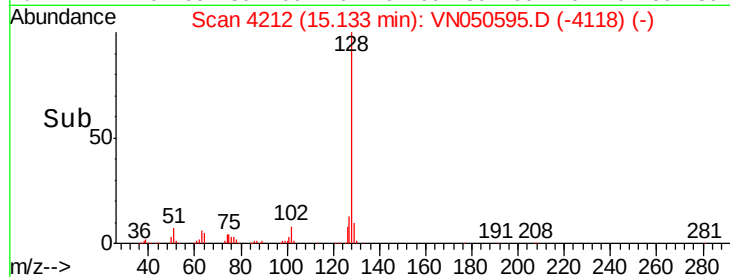
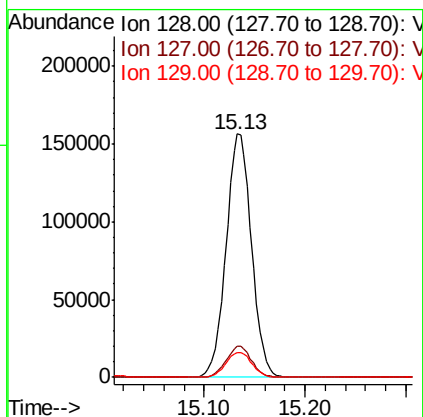
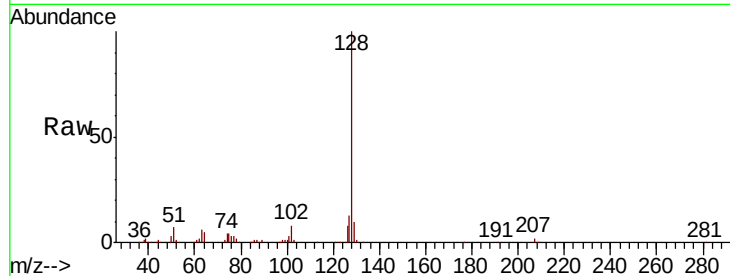




#95
Naphthalene
Concen: 18.312 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.5	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.026 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050595.D
Acq: 14 Aug 2018 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	141.8
145	29.9	14.6	44.0

