

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052113.D
 Acq On : 1 Nov 2018 19:49
 Operator : MD\SY
 Sample : VSTDCCC020EC
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 02 07:04:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	340439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	298467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	2133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	136231	5455.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10911.80%	
35) Dibromofluoromethane	7.58	113	411	0.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.38%	
50) Toluene-d8	10.09	98	425276	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	142161	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	73240	3872.369	ug/l	98
3) Chloromethane	2.06	50	87016	3650.441	ug/l	96
4) Vinyl Chloride	2.19	62	87004	3391.148	ug/l	99
5) Bromomethane	2.57	94	57277	2976.052	ug/l	92
6) Chloroethane	2.71	64	54460	3287.655	ug/l	89
7) Trichlorofluoromethane	3.02	101	113193	3863.268	ug/l	98
8) Diethyl Ether	3.42	74	39800	3641.436	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	66471	3845.487	ug/l	95
10) Methyl Iodide	3.96	142	83097	3668.338	ug/l	97
11) Tert butyl alcohol	4.78	59	22786	18223.495	ug/l	95
12) 1,1-Dichloroethene	3.74	96	63247	3874.625	ug/l	90
13) Acrolein	3.61	56	32729	23546.309	ug/l	93
14) Allyl chloride	4.33	41	105350	3224.938	ug/l	95
15) Acrylonitrile	4.99	53	125321	17532.036	ug/l #	89
16) Acetone	3.82	43	89240	16743.682	ug/l	98
17) Carbon Disulfide	4.06	76	169342	3292.274	ug/l	99
18) Methyl Acetate	4.33	43	60859	3586.916	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	186890	3485.684	ug/l	97
20) Methylene Chloride	4.55	84	74036	3645.548	ug/l	93
21) trans-1,2-Dichloroethene	5.05	96	69034	3708.936	ug/l	90
22) Diisopropyl ether	5.96	45	238100	3372.086	ug/l	98
23) Vinyl Acetate	5.90	43	840380	17177.609	ug/l	98
24) 1,1-Dichloroethane	5.85	63	133656	3385.198	ug/l	98
25) 2-Butanone	6.84	43	149029	17827.351	ug/l	98
26) 2,2-Dichloropropane	6.83	77	86606	2761.984	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	82919	3730.357	ug/l	92
28) Bromochloromethane	7.20	49	106206	5427.947	ug/l	90
29) Tetrahydrofuran	7.22	42	99914	17940.155	ug/l	97
30) Chloroform	7.37	83	136806	3471.308	ug/l	96
31) Cyclohexane	7.66	56	116143	3370.382	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	117883	3719.264	ug/l	95
36) 1,1-Dichloropropene	7.80	75	102497	29.610	ug/l	99
37) Ethyl Acetate	6.93	43	69106	29.826	ug/l	98
38) Carbon Tetrachloride	7.78	117	95829	32.106	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.09	83	116245	28.298	ug/l	96
40) Benzene	8.04	78	309301	30.891	ug/l	98
41) Methacrylonitrile	7.18	41	37809	31.675	ug/l	97
42) 1,2-Dichloroethane	8.13	62	103122	27.909	ug/l	97
43) Isopropyl Acetate	8.17	43	130498	31.667	ug/l	99
44) Trichloroethene	8.84	130	73656	32.894	ug/l	87
45) 1,2-Dichloropropane	9.12	63	80505	28.225	ug/l	99
46) Dibromomethane	9.21	93	51295	32.178	ug/l	94
47) Bromodichloromethane	9.40	83	99106	29.808	ug/l	98
48) Methyl methacrylate	9.20	41	61663	29.514	ug/l	97
49) 1,4-Dioxane	9.21	88	12217	704.937	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	347823	155.288	ug/l	100
52) Toluene	10.16	92	188784	31.234	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	98026	27.888	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	112500	28.819	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	66162	30.734	ug/l	95
56) Ethyl methacrylate	10.43	69	87773	28.504	ug/l	100
57) 1,3-Dichloropropane	10.71	76	121154	30.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	253903	155.011	ug/l	97
59) 2-Hexanone	10.75	43	233784	146.465	ug/l	99
60) Dibromochloromethane	10.90	129	67195	31.706	ug/l	99
61) 1,2-Dibromoethane	11.01	107	68785	32.142	ug/l	98
64) Tetrachloroethene	10.63	164	59767	33.054	ug/l	99
65) Chlorobenzene	11.44	112	205085	32.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	68443	34.674	ug/l	99
67) Ethyl Benzene	11.51	91	344546	30.734	ug/l	98
68) m/p-Xylenes	11.62	106	265292	66.115	ug/l	95
69) o-Xylene	11.95	106	128422	32.344	ug/l	98
70) Styrene	11.97	104	205219	31.943	ug/l	99
71) Bromoform	12.13	173	36915	30.012	ug/l #	93
73) Isopropylbenzene	12.25	105	338268	1854.523	ug/l	98
74) N-amyl acetate	12.07	43	109507	1720.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	84510	1932.169	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	99120	2538.577	ug/l #	100
77) Bromobenzene	12.53	156	76244	1997.805	ug/l	88
78) n-propylbenzene	12.59	91	384896	1741.463	ug/l	97
79) 2-Chlorotoluene	12.68	91	228376	1772.508	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	266699	1796.777	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	18825	1600.266	ug/l	98
82) 4-Chlorotoluene	12.77	91	228409	1738.462	ug/l	96
83) tert-Butylbenzene	12.99	119	236057	1893.185	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	275394	1864.001	ug/l	98
85) sec-Butylbenzene	13.17	105	314542	1765.922	ug/l	98
86) p-Isopropyltoluene	13.29	119	262215	1807.619	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	130782	1879.076	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	126359	1811.438	ug/l	96
89) n-Butylbenzene	13.62	91	214988	1554.035	ug/l	99
90) Hexachloroethane	13.88	117	42521	1710.433	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	123420	1886.120	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11948	1861.294	ug/l	92

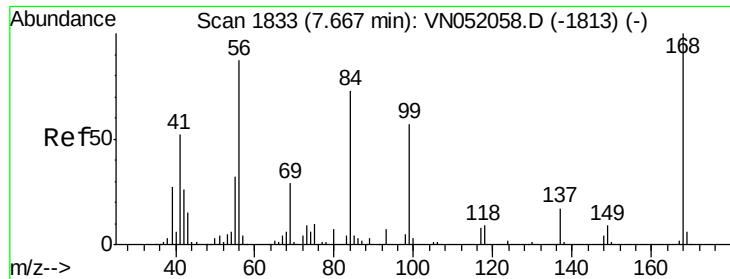
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47958	1968.210	ug/l	95
94) Hexachlorobutadiene	15.01	225	24738	1813.951	ug/l	97
95) Naphthalene	15.13	128	123159	2015.148	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	41903	1992.813	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

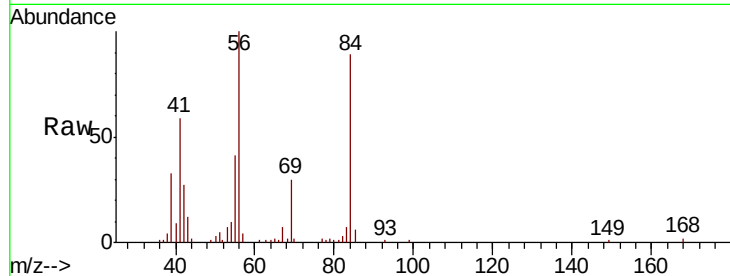
VSTDCCC020EC

Tgt Ion:168 Resp: 1556

Ion Ratio Lower Upper

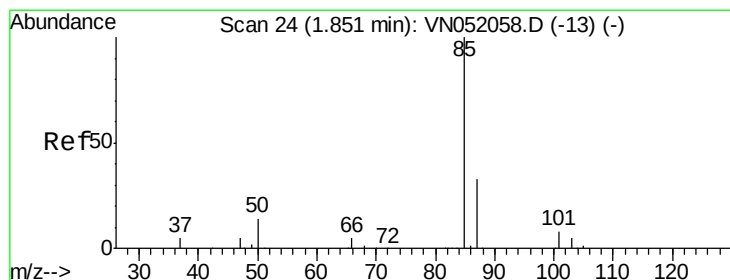
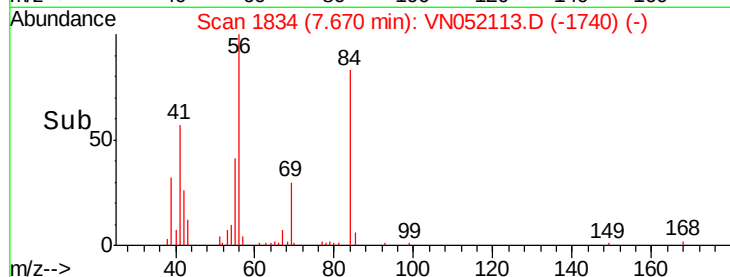
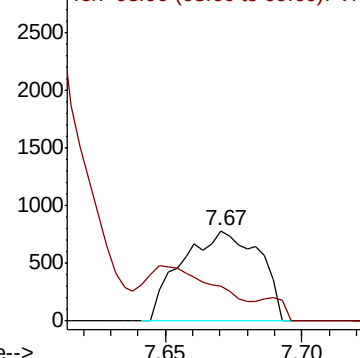
168 100

99 38.3 56.6 85.0#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 3872.369 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052113.D

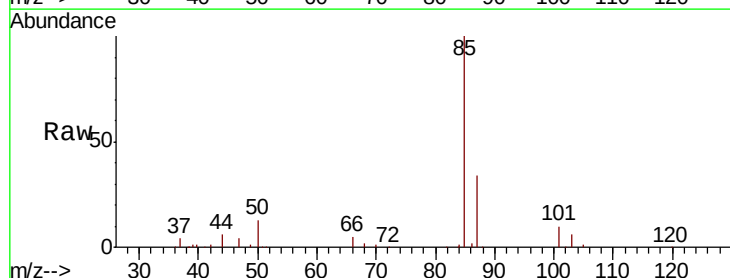
Acq: 1 Nov 2018 19:49

Tgt Ion: 85 Resp: 73240

Ion Ratio Lower Upper

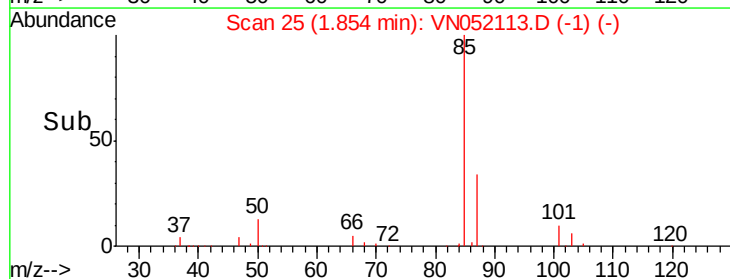
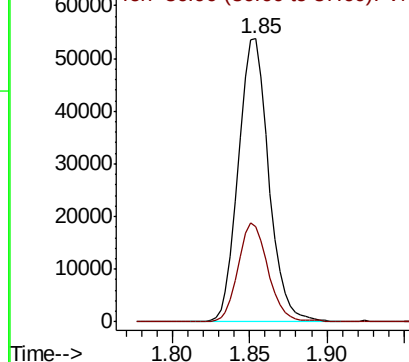
85 100

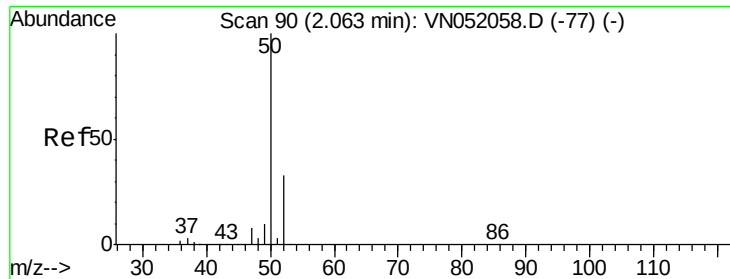
87 33.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 3650.441 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

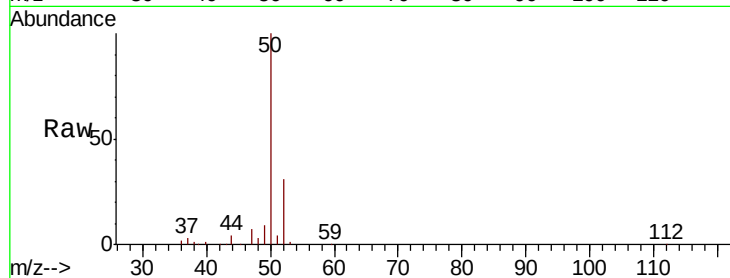
VSTDCCC020EC

Tgt Ion: 50 Resp: 87016

Ion Ratio Lower Upper

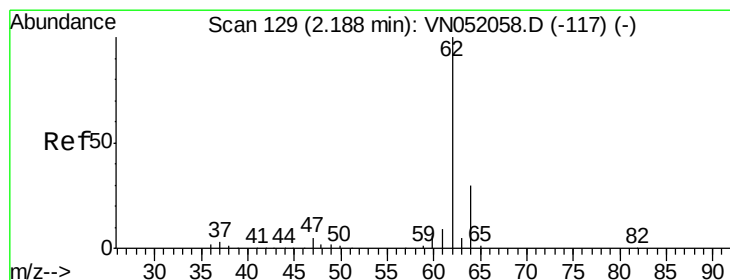
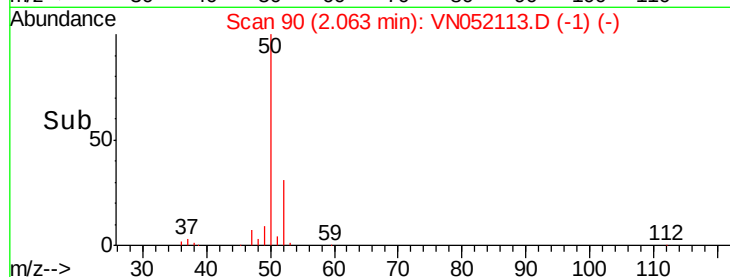
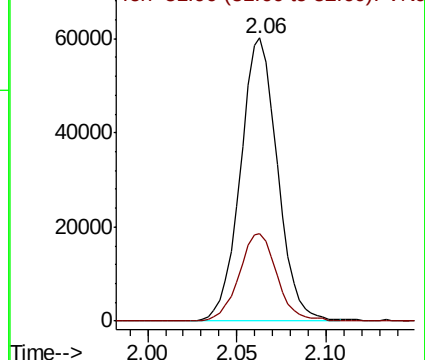
50 100

52 30.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 3391.148 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052113.D

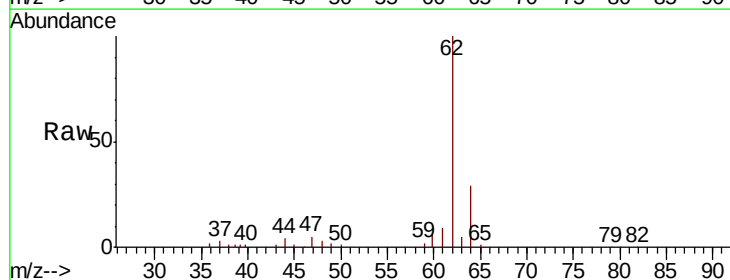
Acq: 1 Nov 2018 19:49

Tgt Ion: 62 Resp: 87004

Ion Ratio Lower Upper

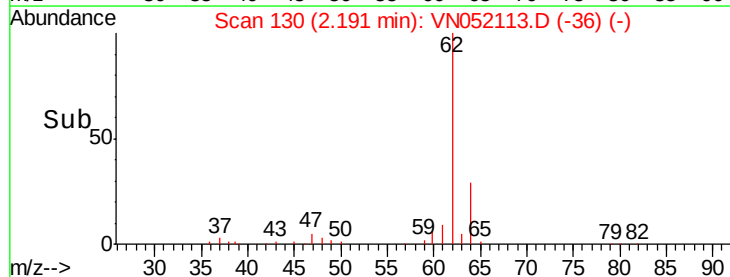
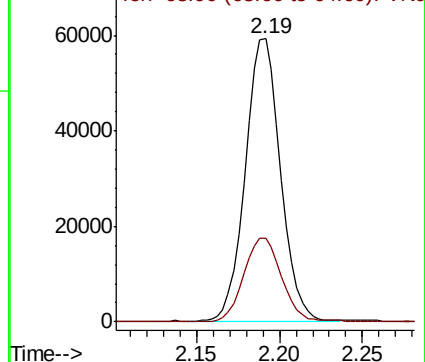
62 100

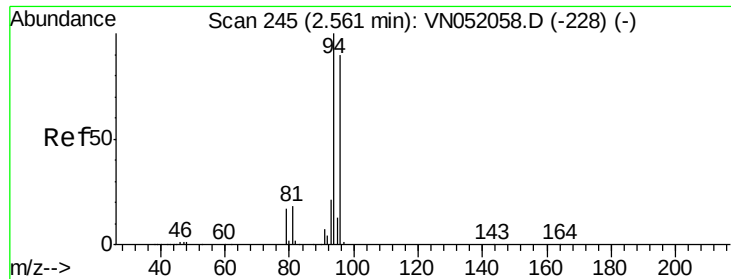
64 29.3 23.7 35.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 2976.052 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

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ClientSampleId :

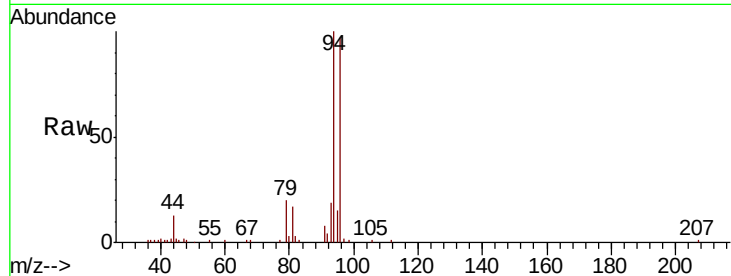
VSTDCCC020EC

Tgt Ion: 94 Resp: 57277

Ion Ratio Lower Upper

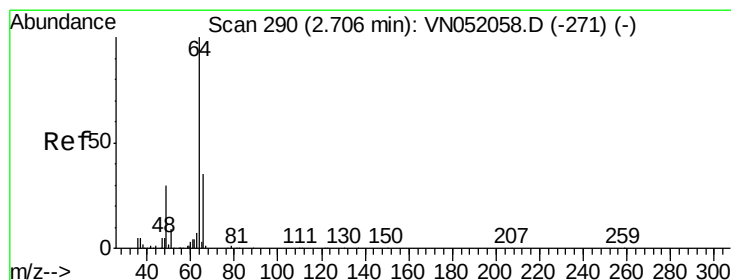
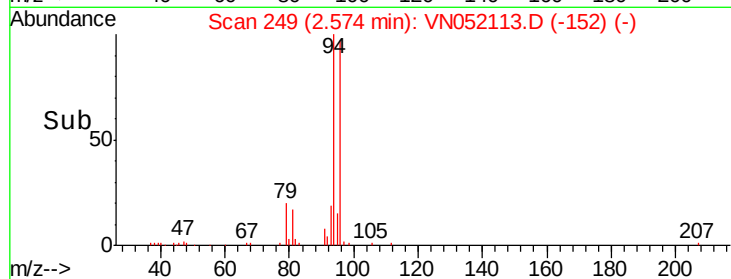
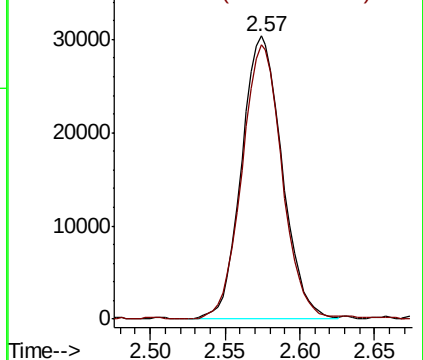
94 100

96 96.8 71.8 107.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 3287.655 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052113.D

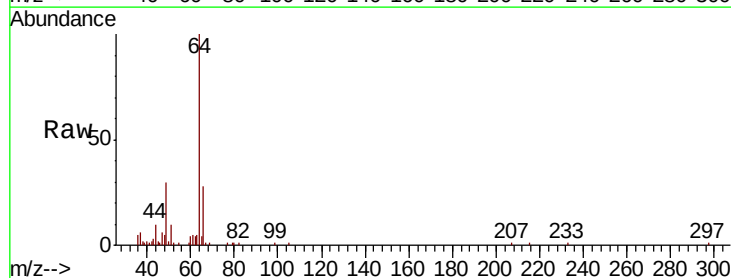
Acq: 1 Nov 2018 19:49

Tgt Ion: 64 Resp: 54460

Ion Ratio Lower Upper

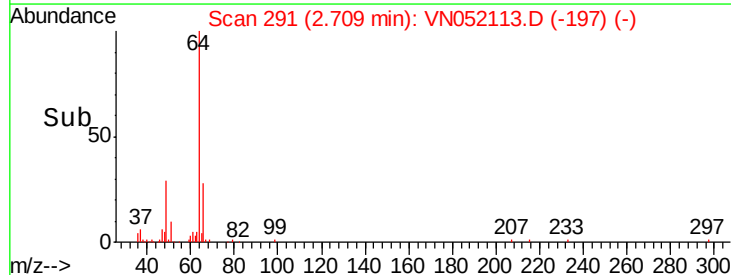
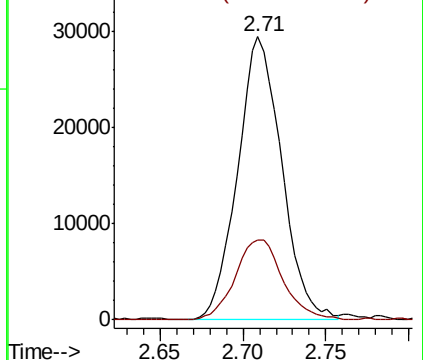
64 100

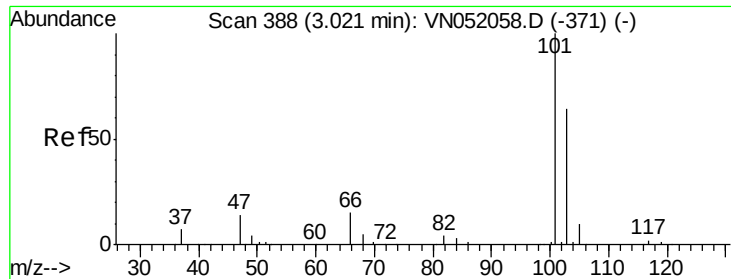
66 28.3 27.9 41.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



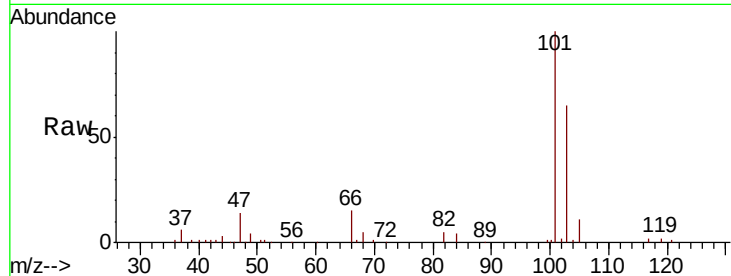


#7

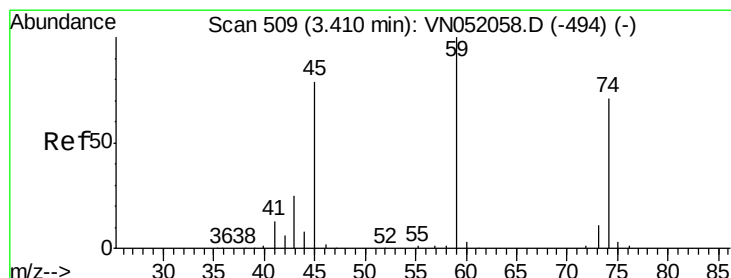
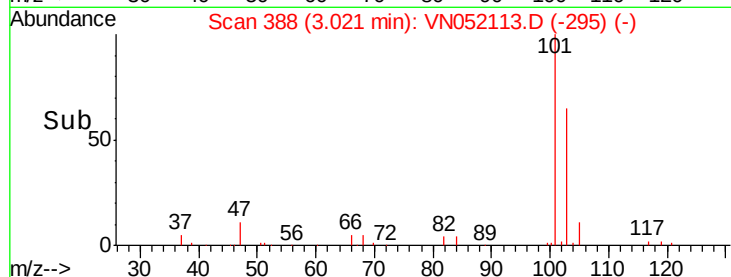
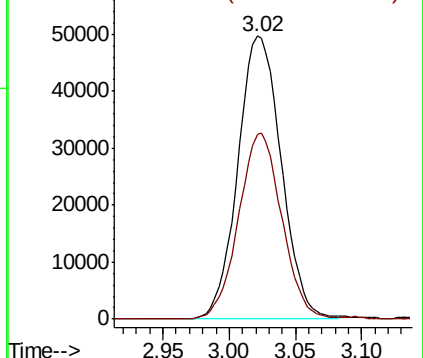
Trichlorofluoromethane
 Concen: 3863.268 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

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Tgt Ion: 101 Resp: 113193
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.0 76.4



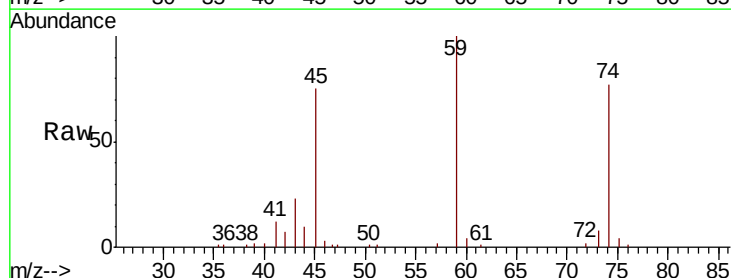
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



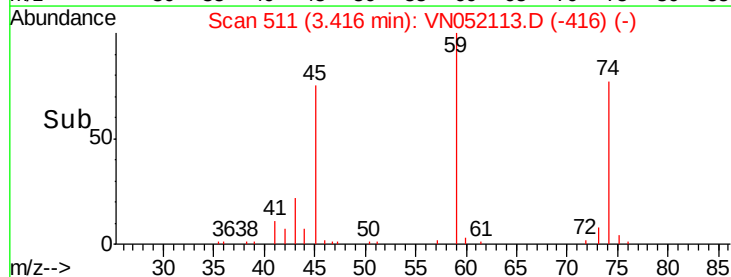
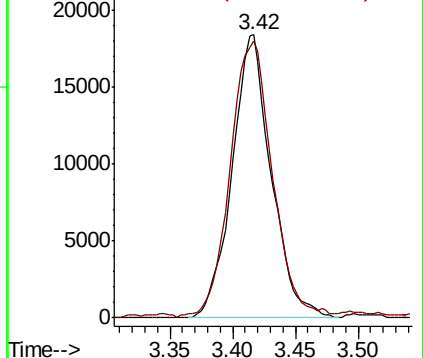
#8

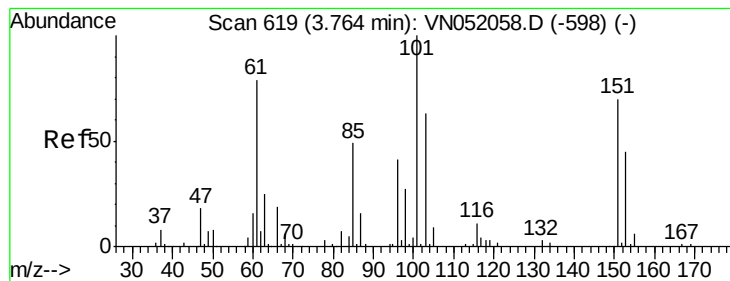
Diethyl Ether
 Concen: 3641.436 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 74 Resp: 39800
 Ion Ratio Lower Upper
 74 100
 45 106.3 55.6 166.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3845.487 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

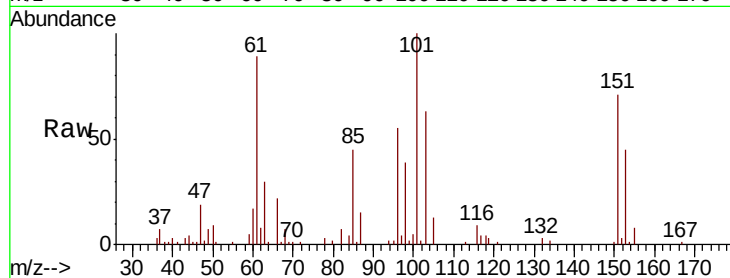
Tgt Ion:101 Resp: 66471

Ion Ratio Lower Upper

101 100

85 47.2 38.6 58.0

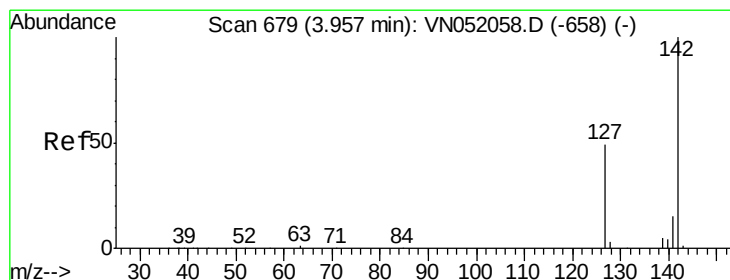
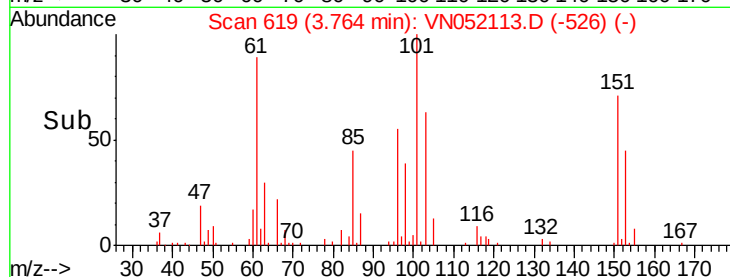
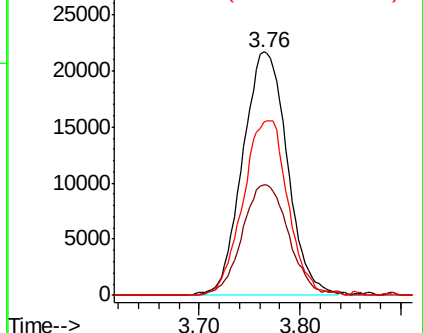
151 72.2 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3668.338 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

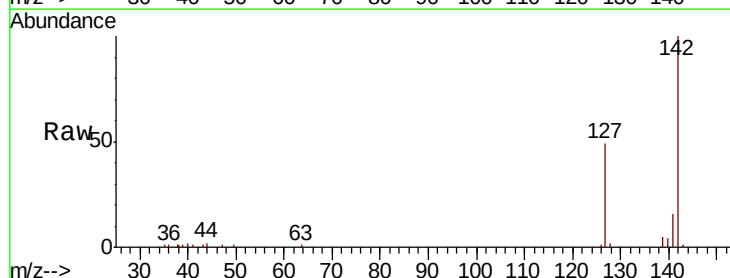
Tgt Ion:142 Resp: 83097

Ion Ratio Lower Upper

142 100

127 48.7 37.3 55.9

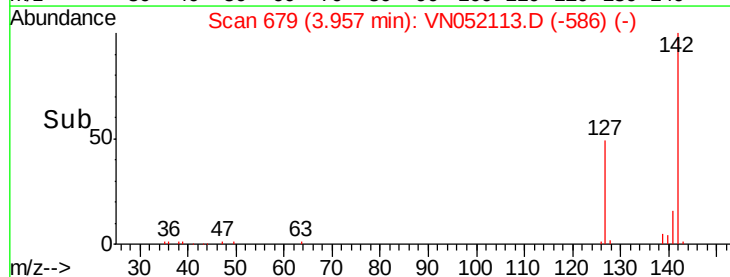
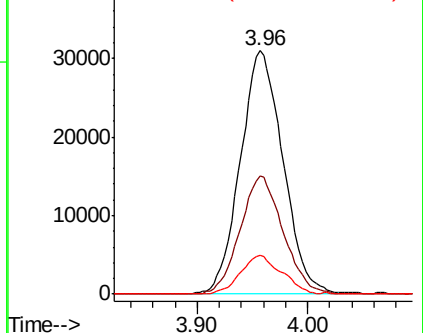
141 15.2 11.4 17.2

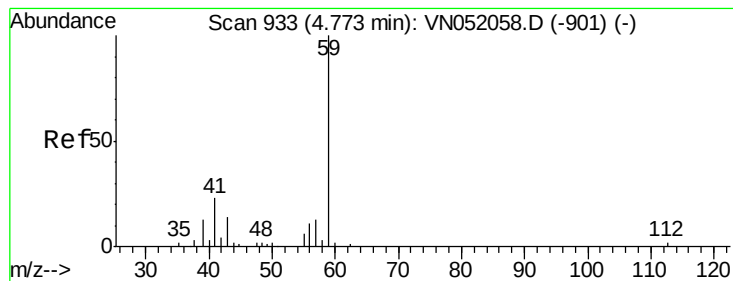


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



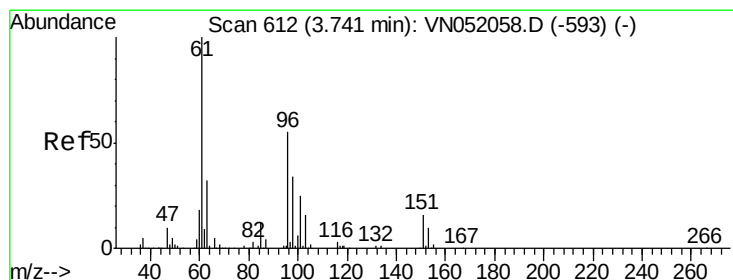
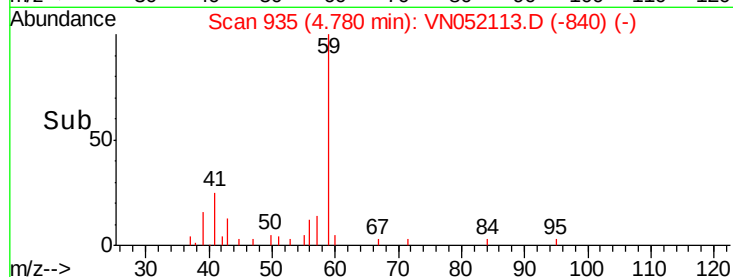
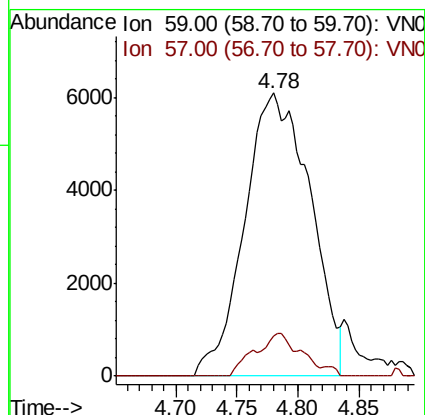
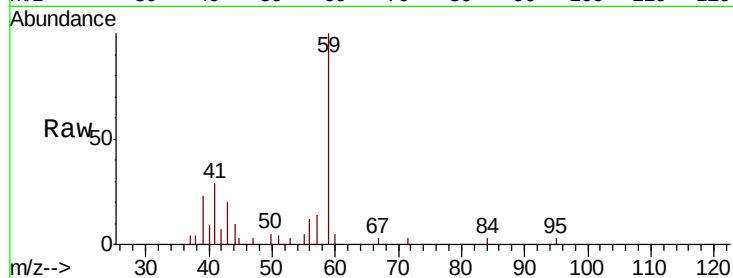


#11

Tert butyl alcohol
 Concen: 18223.495 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

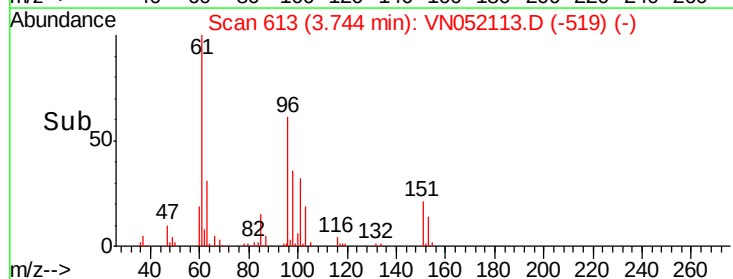
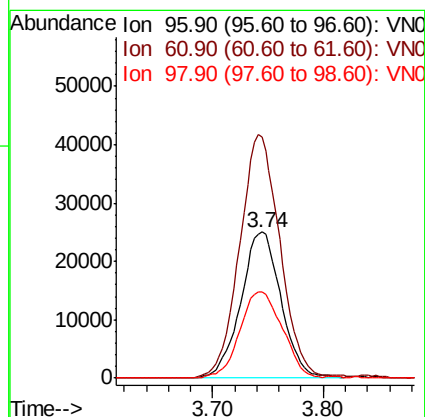
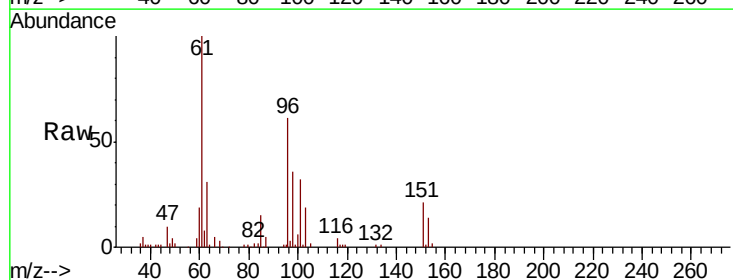
Tgt Ion: 59 Resp: 22786
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.0 10.6

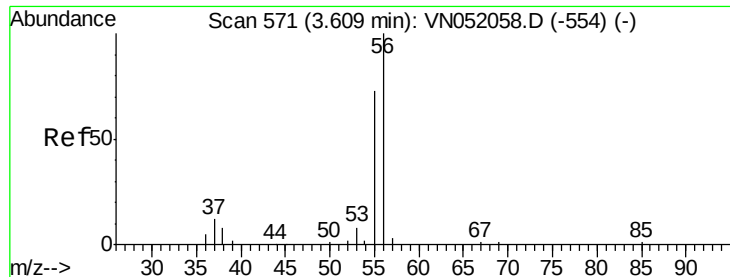


#12

1,1-Dichloroethene
 Concen: 3874.625 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 96 Resp: 63247
 Ion Ratio Lower Upper
 96 100
 61 164.6 145.7 218.5
 98 59.4 49.8 74.8





#13

Acrolein

Concen: 23546.309 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

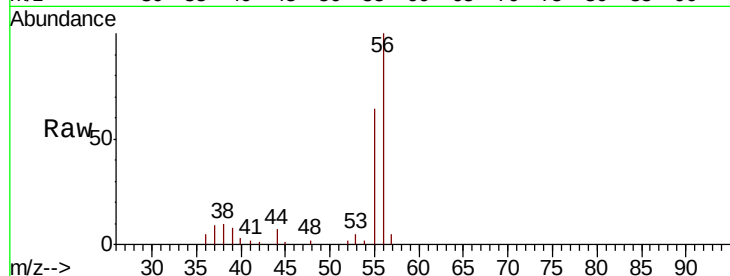
VSTDCCC020EC

Tgt Ion: 56 Resp: 32729

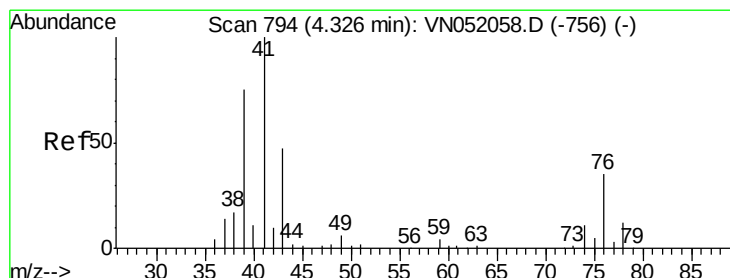
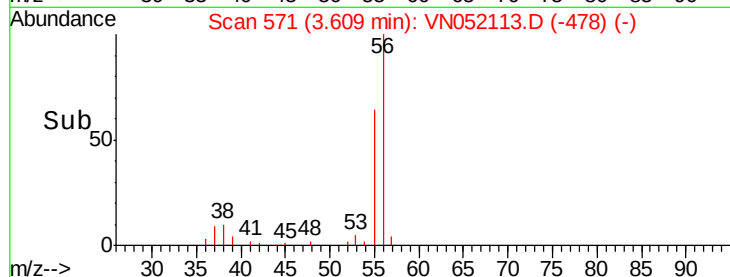
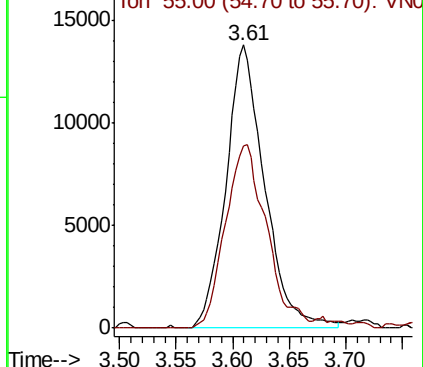
Ion Ratio Lower Upper

56 100

55 69.1 59.9 89.9



Abundance Ion 56.00 (55.70 to 56.70): VN052113.D (-478) (-)



#14

Allyl chloride

Concen: 3224.938 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

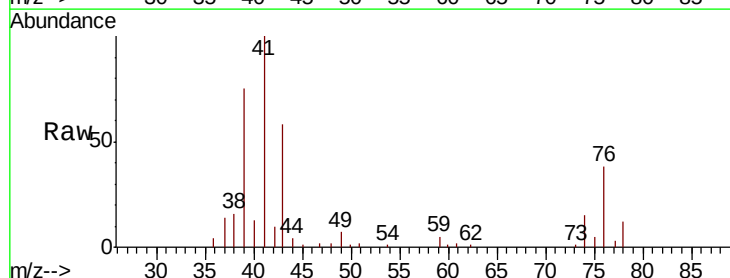
Tgt Ion: 41 Resp: 105350

Ion Ratio Lower Upper

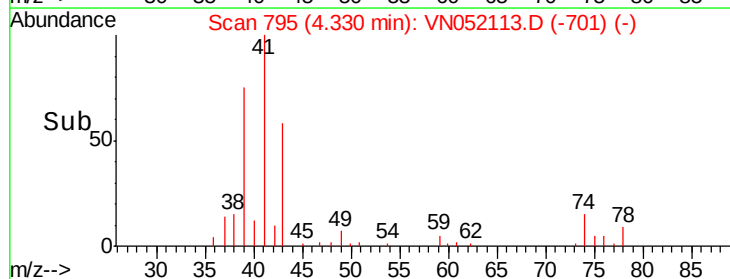
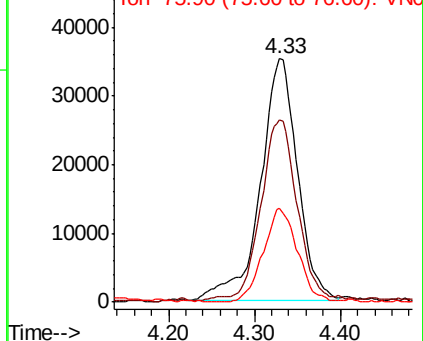
41 100

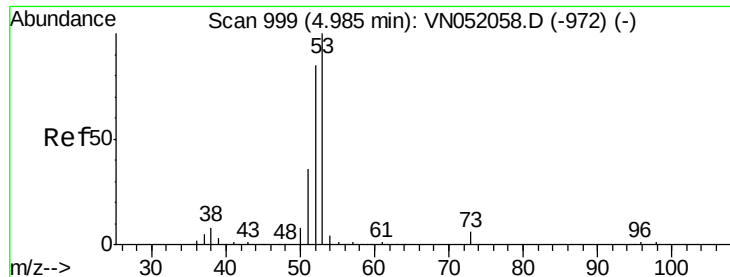
39 68.6 58.1 87.1

76 35.9 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN052113.D (-701) (-)





#15

Acrylonitrile

Concen: 17532.036 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

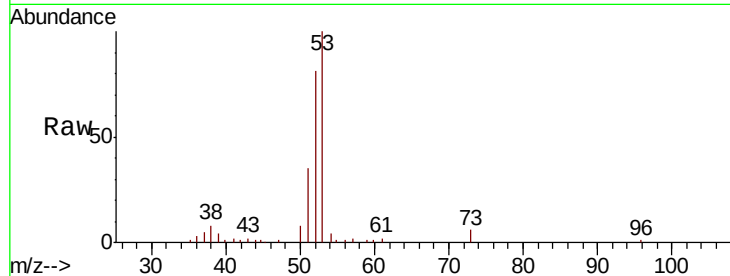
Tgt Ion: 53 Resp: 125321

Ion Ratio Lower Upper

53 100

52 81.2 66.6 100.0

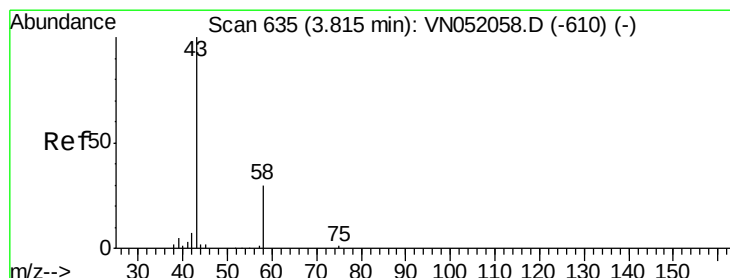
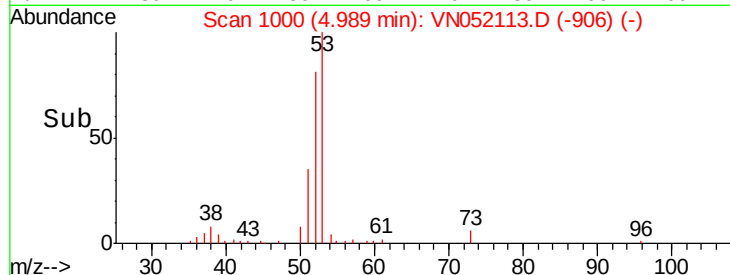
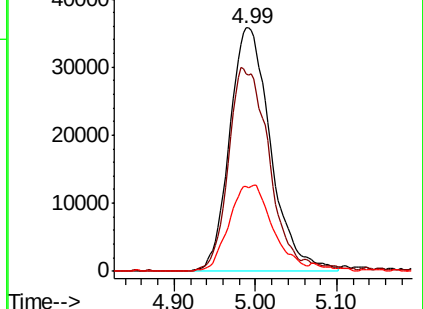
51 18.0 29.0 43.6#



Abundance Ion 53.00 (52.70 to 53.70): VN052113.D (-1000) (-)

Ion 52.00 (51.70 to 52.70): VN052113.D (-1000) (-)

Ion 51.00 (50.70 to 51.70): VN052113.D (-1000) (-)



#16

Acetone

Concen: 16743.682 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052113.D

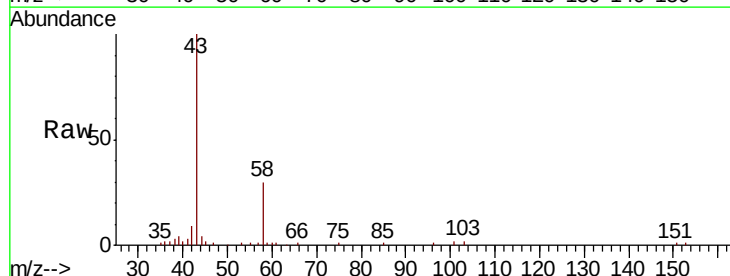
Acq: 1 Nov 2018 19:49

Tgt Ion: 43 Resp: 89240

Ion Ratio Lower Upper

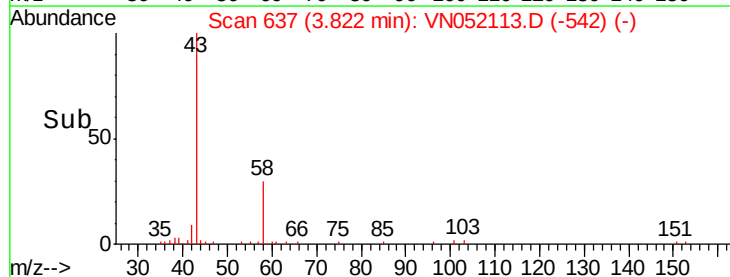
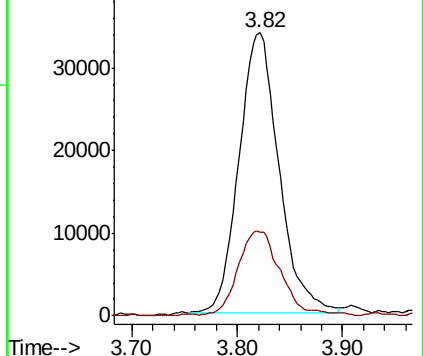
43 100

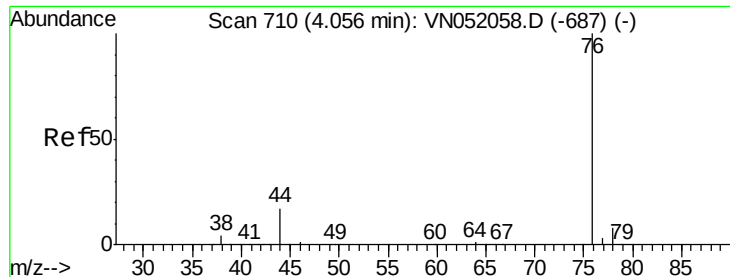
58 29.3 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN052113.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052113.D (-542) (-)





#17

Carbon Disulfide

Concen: 3292.274 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

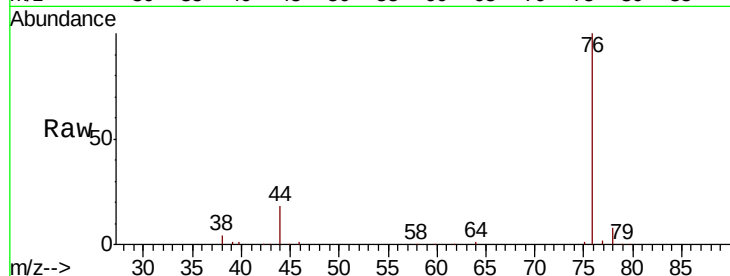
VSTDCCC020EC

Tgt Ion: 76 Resp: 169342

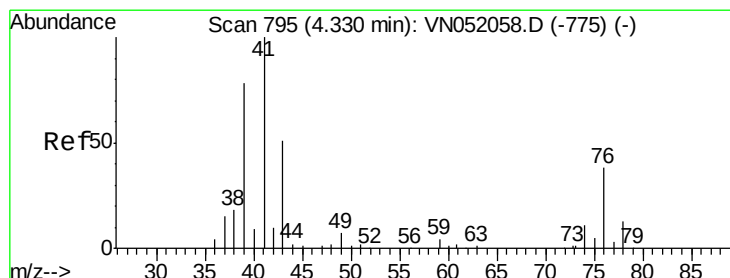
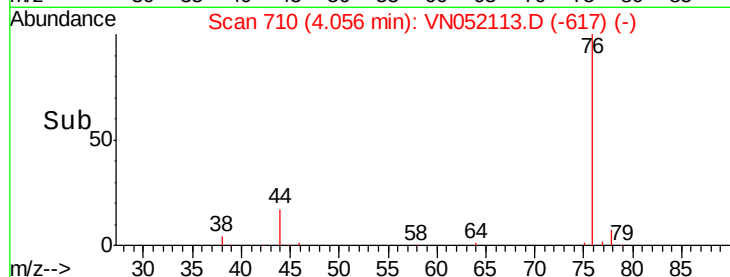
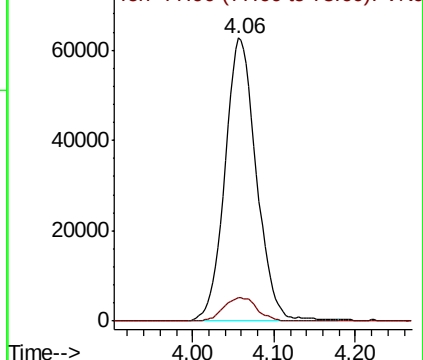
Ion Ratio Lower Upper

76 100

78 8.2 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 3586.916 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052113.D

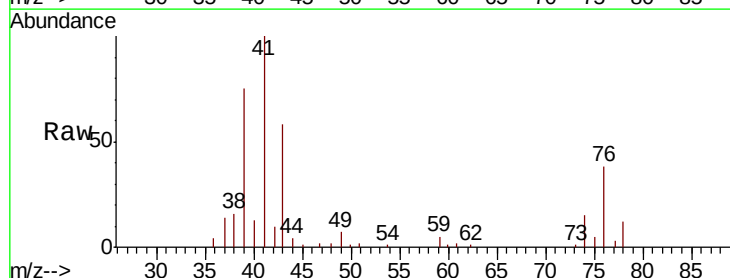
Acq: 1 Nov 2018 19:49

Tgt Ion: 43 Resp: 60859

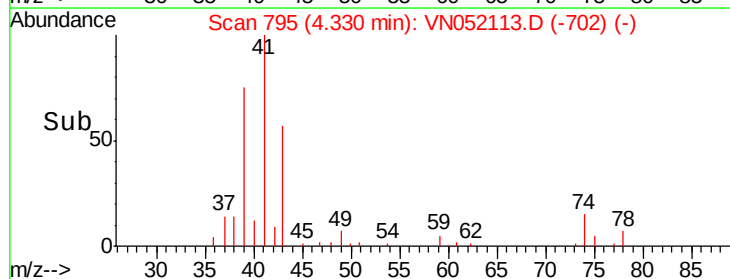
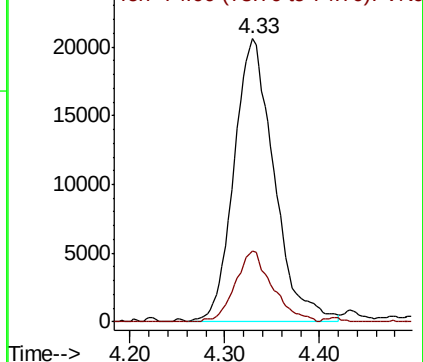
Ion Ratio Lower Upper

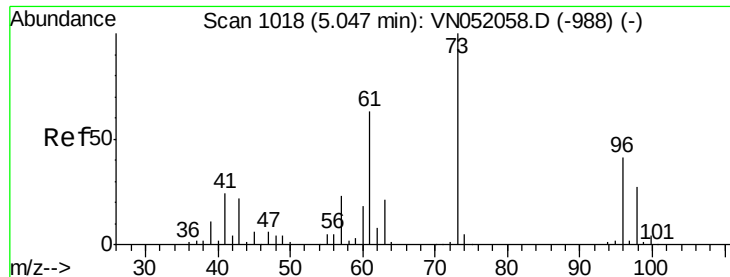
43 100

74 23.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

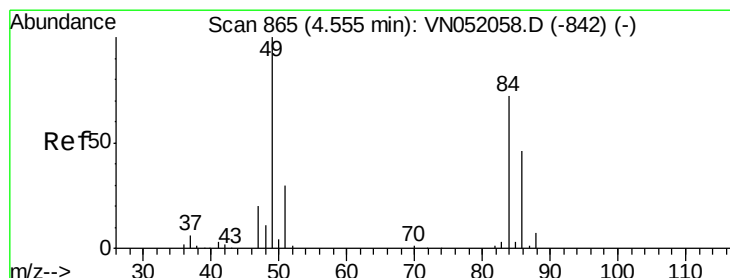
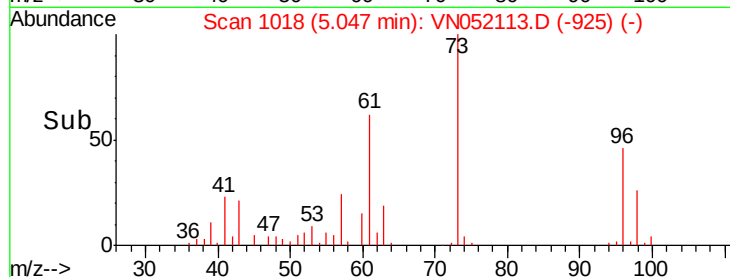
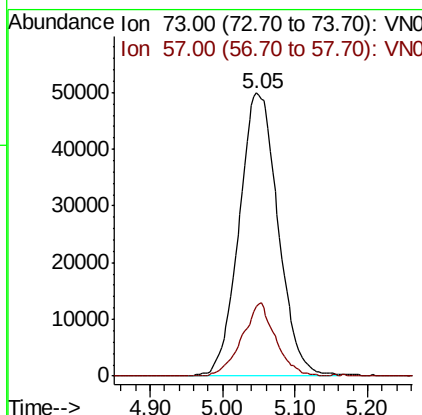
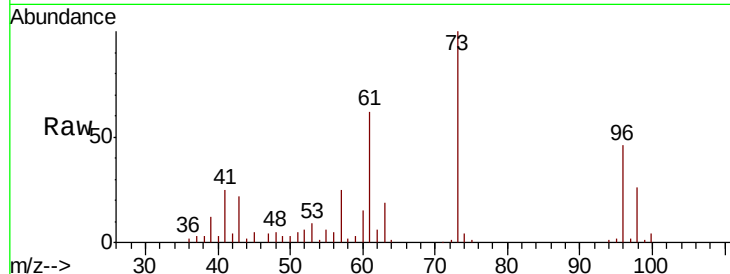




#19
Methyl tert-butyl Ether
Concen: 3485.684 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

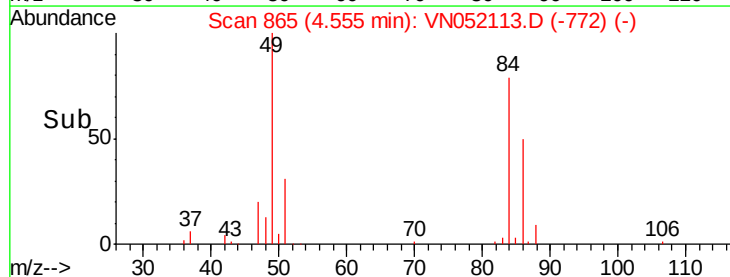
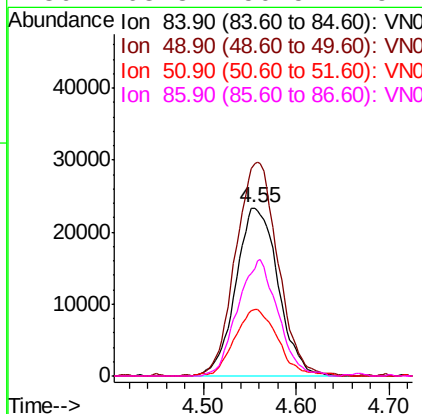
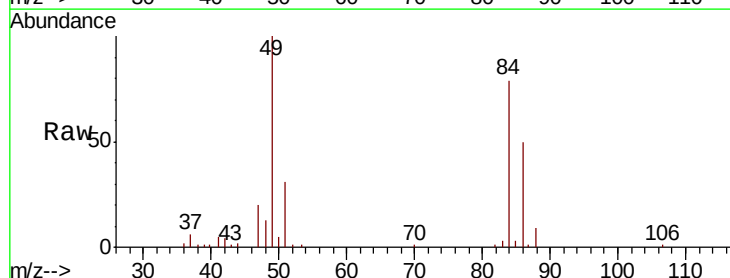
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

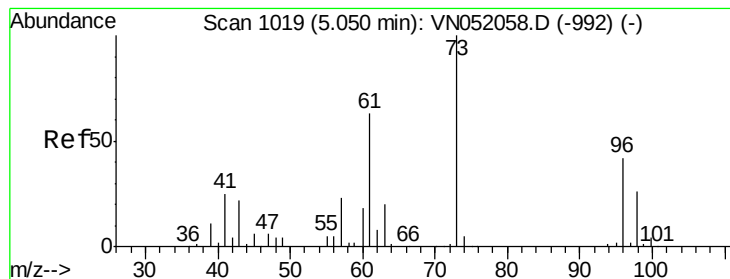
Tgt Ion: 73 Resp: 186890
Ion Ratio Lower Upper
73 100
57 24.7 18.7 28.1



#20
Methylene Chloride
Concen: 3645.548 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 84 Resp: 74036
Ion Ratio Lower Upper
84 100
49 125.9 110.6 165.8
51 39.7 33.7 50.5
86 63.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 3708.936 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

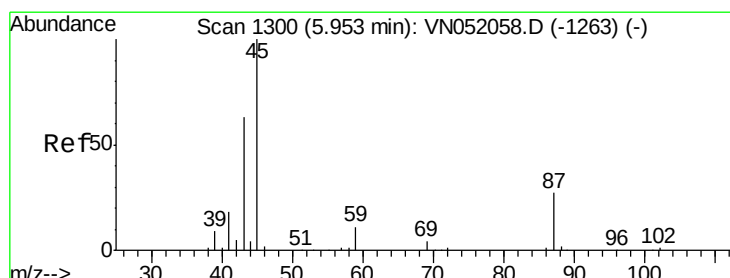
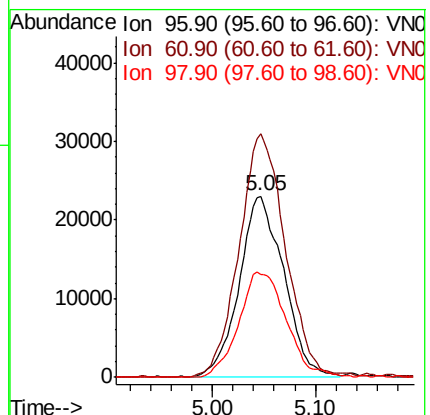
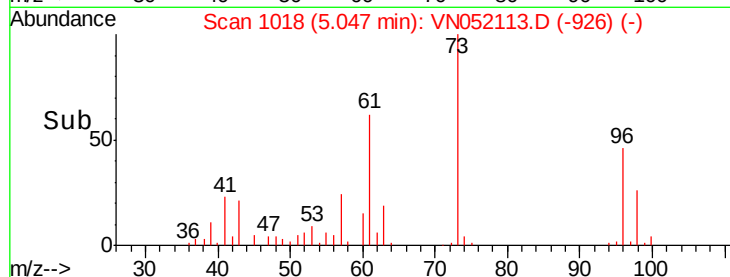
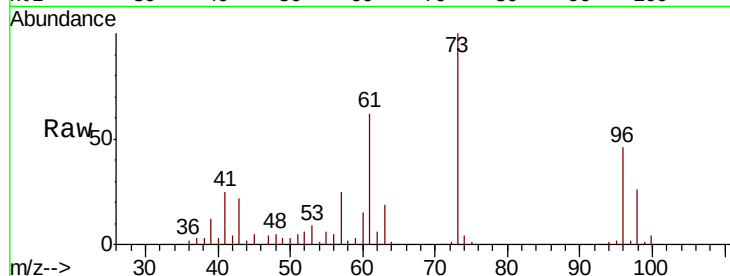
Tgt Ion: 96 Resp: 69034

Ion Ratio Lower Upper

96 100

61 134.5 118.6 178.0

98 57.1 49.7 74.5



#22

Diisopropyl ether

Concen: 3372.086 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Tgt Ion: 45 Resp: 238100

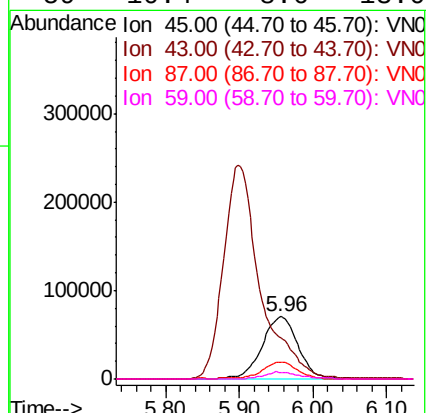
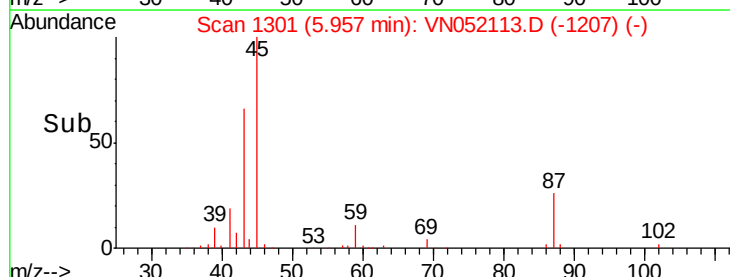
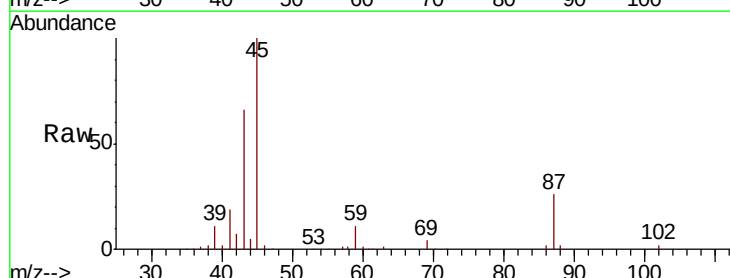
Ion Ratio Lower Upper

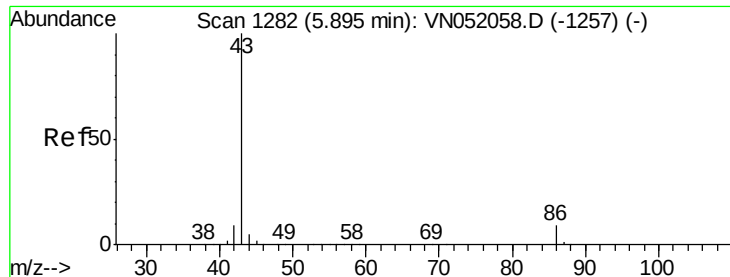
45 100

43 65.4 50.5 75.7

87 26.5 21.5 32.3

59 10.4 8.6 13.0





#23

Vinyl Acetate

Concen: 17177.609 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

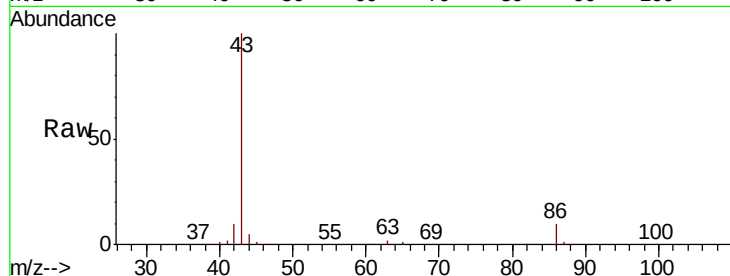
VSTDCCC020EC

Tgt Ion: 43 Resp: 840380

Ion Ratio Lower Upper

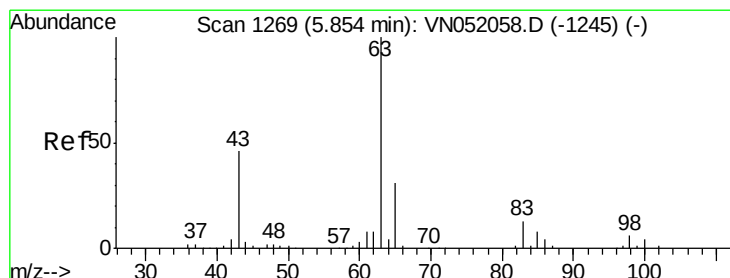
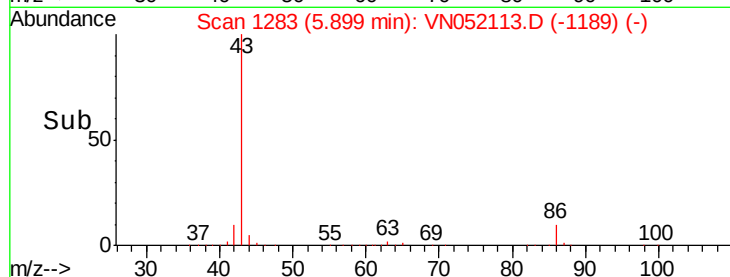
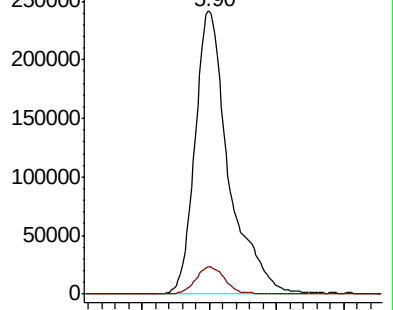
43 100

86 9.8 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN052113.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN052113.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 3385.198 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

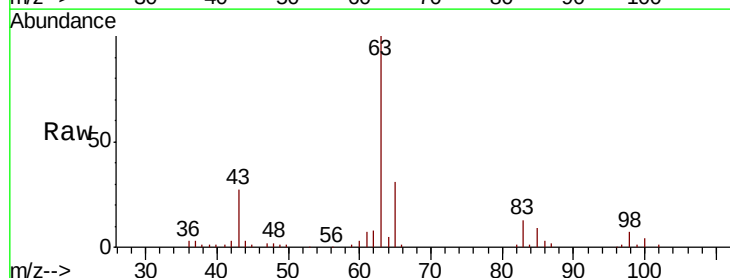
Tgt Ion: 63 Resp: 133656

Ion Ratio Lower Upper

63 100

98 6.8 2.8 8.4

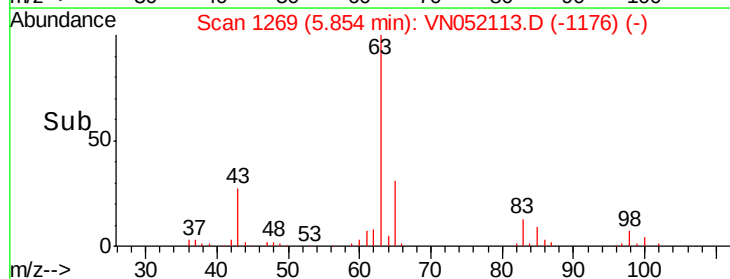
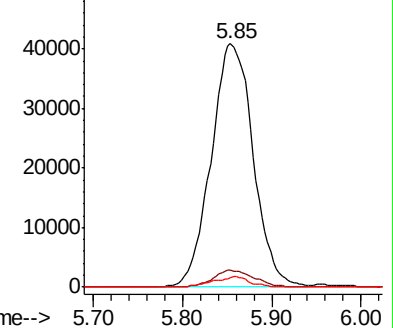
100 3.8 2.0 6.0

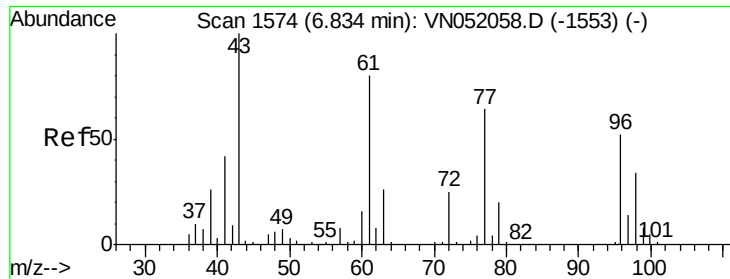


Abundance Ion 62.90 (62.60 to 63.60): VN052113.D (-1176) (-)

Ion 97.90 (97.60 to 98.60): VN052113.D (-1176) (-)

Ion 99.90 (99.60 to 100.60): VN052113.D (-1176) (-)

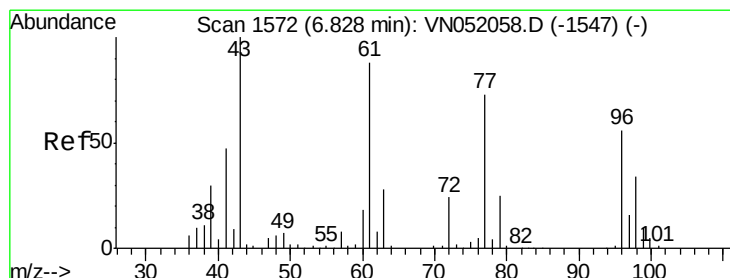
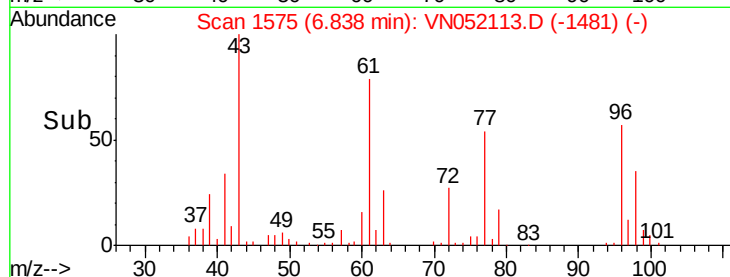
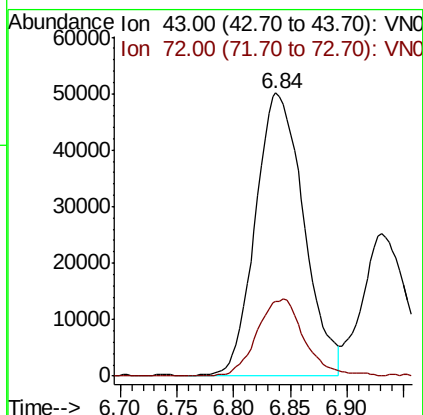
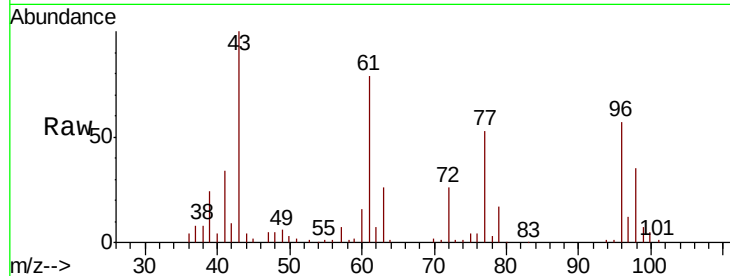




#25
2-Butanone
Concen: 17827.351 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

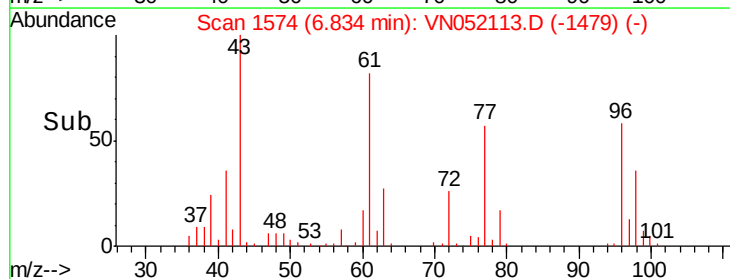
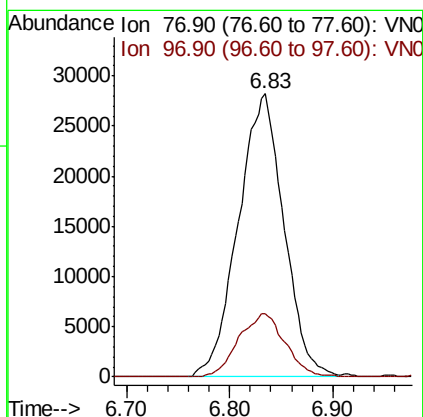
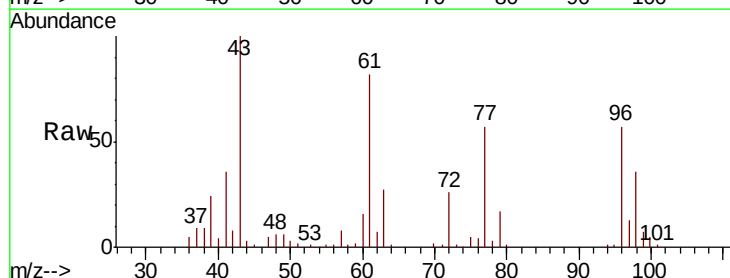
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

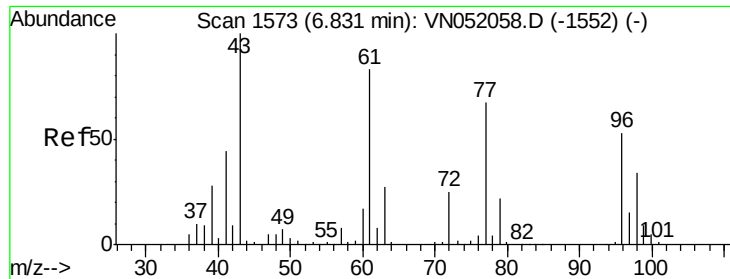
Tgt Ion: 43 Resp: 149029
Ion Ratio Lower Upper
43 100
72 26.4 20.2 30.2



#26
2,2-Dichloropropane
Concen: 2761.984 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 77 Resp: 86606
Ion Ratio Lower Upper
77 100
97 22.5 10.5 31.5



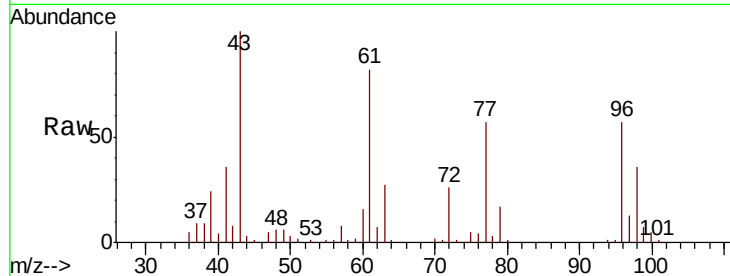


#27

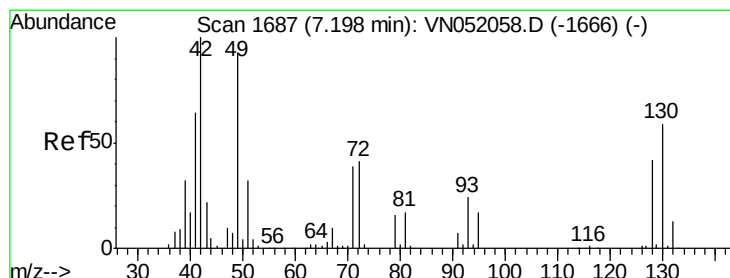
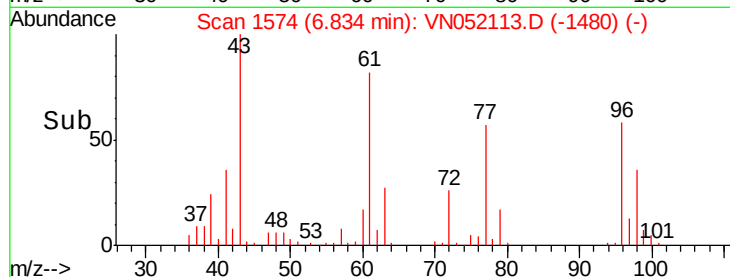
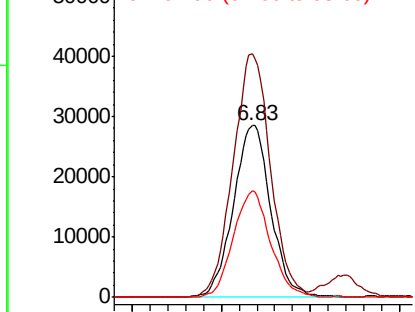
cis-1,2-Dichloroethene
Concen: 3730.357 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 82919
Ion Ratio Lower Upper
96 100
61 142.2 0.0 312.8
98 61.5 0.0 127.0



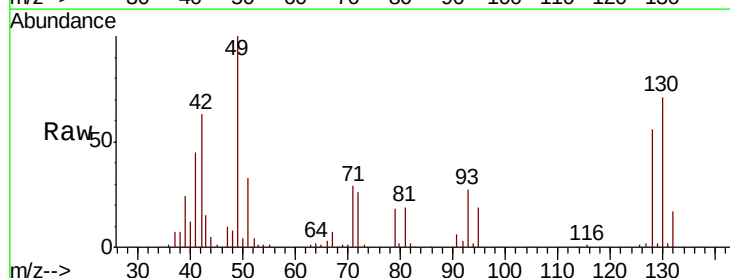
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



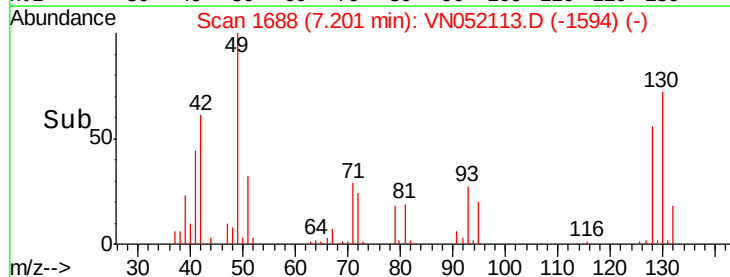
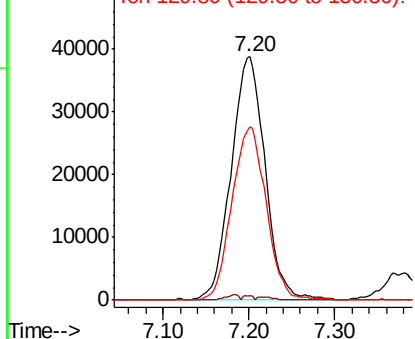
#28

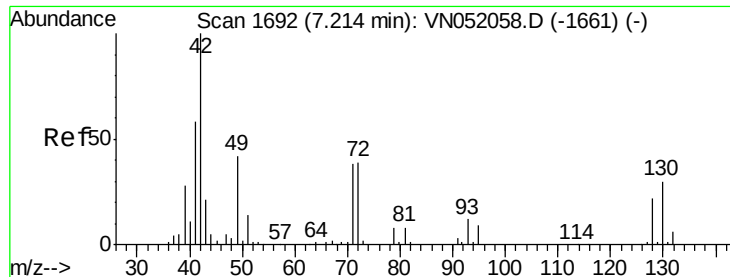
Bromochloromethane
Concen: 5427.947 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 49 Resp: 106206
Ion Ratio Lower Upper
49 100
129 0.5 0.0 2.4
130 71.7 50.8 76.2



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: 17940.155 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

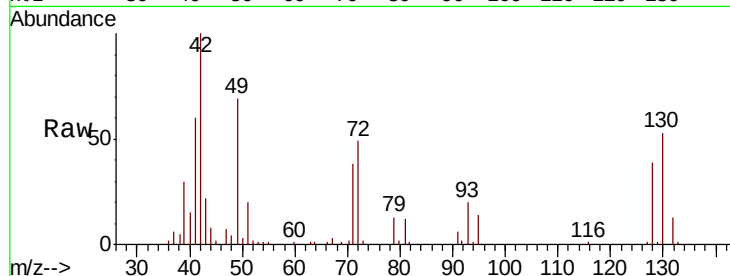
Tgt Ion: 42 Resp: 99914

Ion Ratio Lower Upper

42 100

72 42.4 32.5 48.7

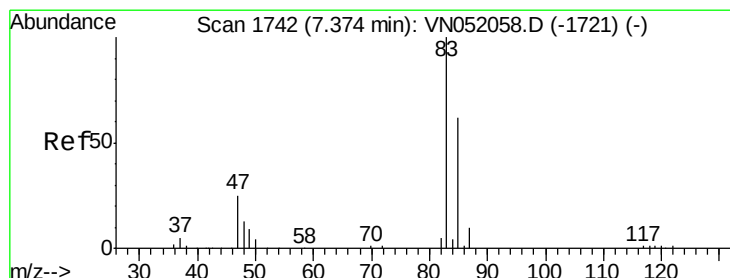
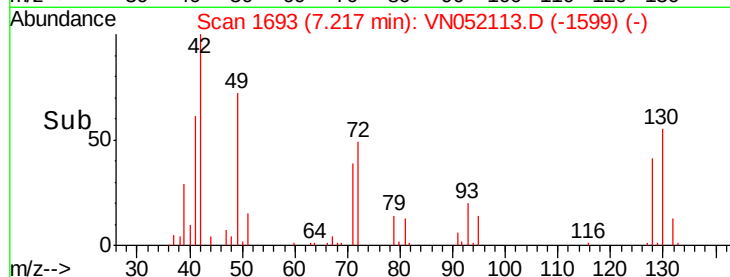
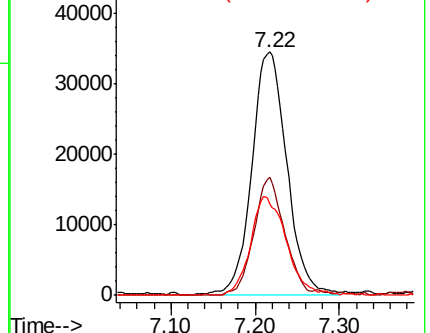
71 40.5 30.6 46.0



Abundance Ion 42.00 (41.70 to 42.70): VN052113.D (-1693) (-)

Ion 72.00 (71.70 to 72.70): VN052113.D (-1693) (-)

Ion 71.00 (70.70 to 71.70): VN052113.D (-1693) (-)



#30

Chloroform

Concen: 3471.308 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052113.D

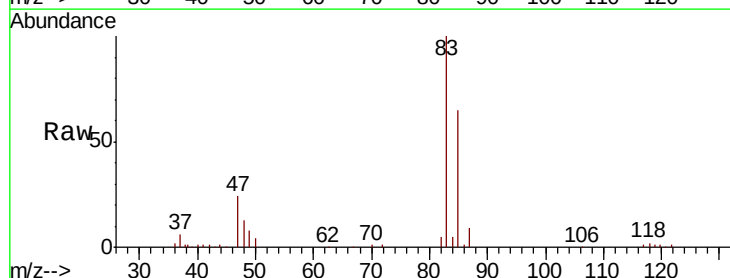
Acq: 1 Nov 2018 19:49

Tgt Ion: 83 Resp: 136806

Ion Ratio Lower Upper

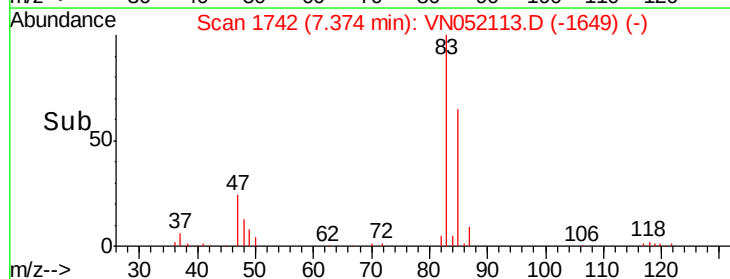
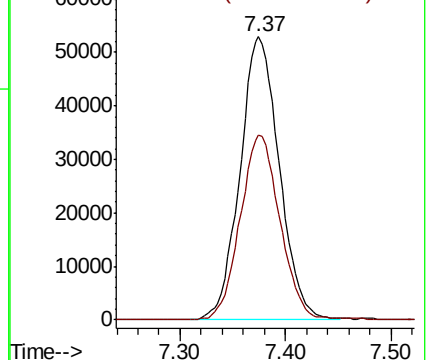
83 100

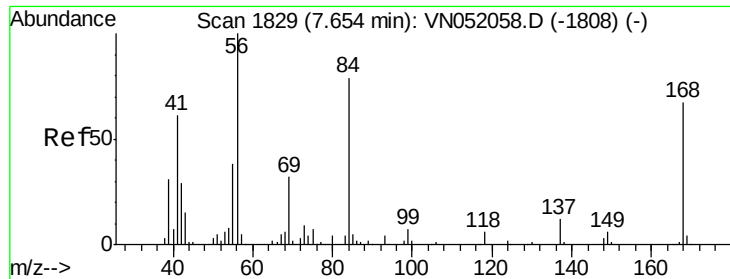
85 65.1 49.6 74.4



Abundance Ion 82.90 (82.60 to 83.60): VN052113.D (-1742) (-)

Ion 84.90 (84.60 to 85.60): VN052113.D (-1742) (-)

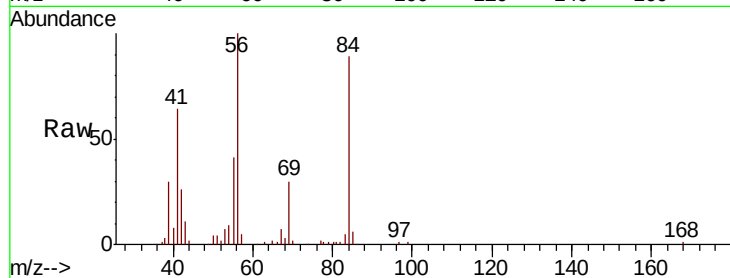




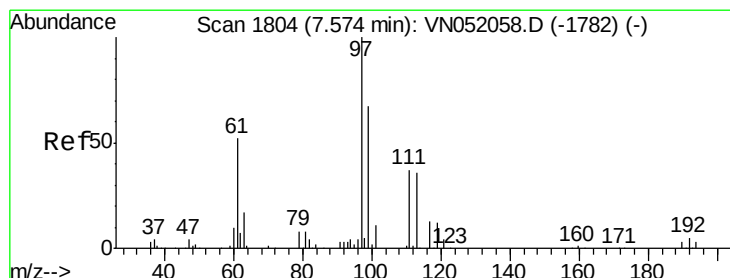
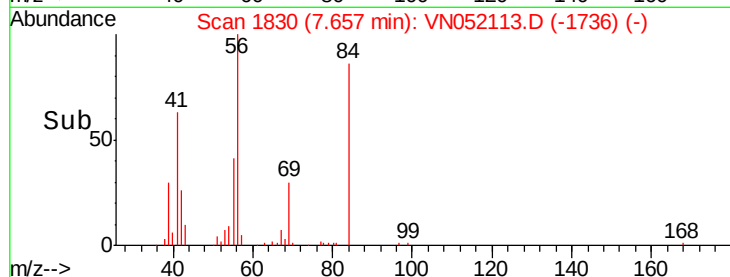
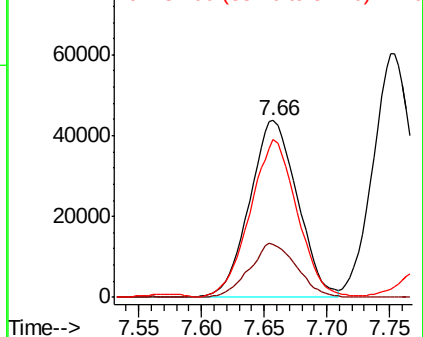
#31
Cyclohexane
Concen: 3370.382 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 116143
Ion Ratio Lower Upper
56 100
69 29.8 25.8 38.6
84 88.3 63.5 95.3

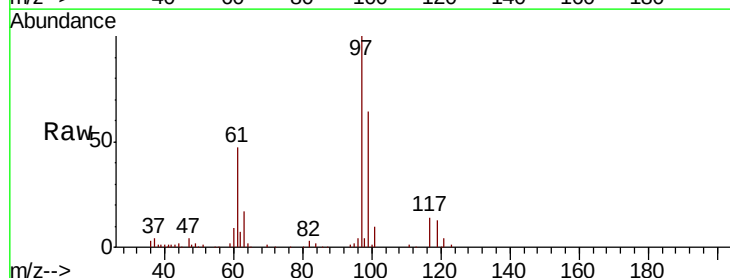


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

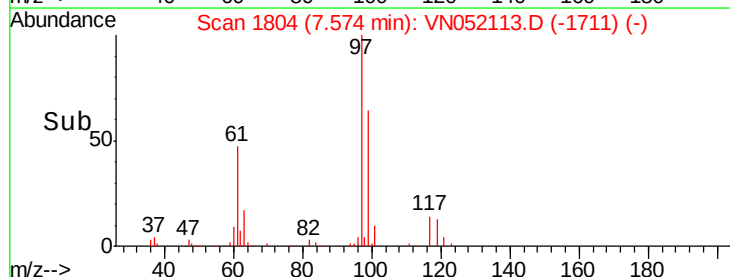
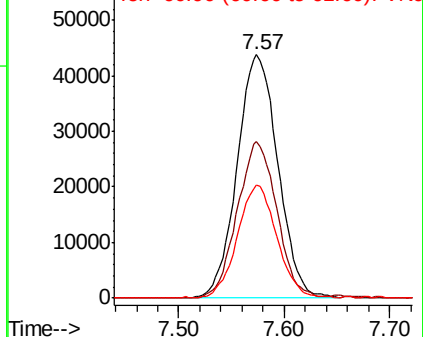


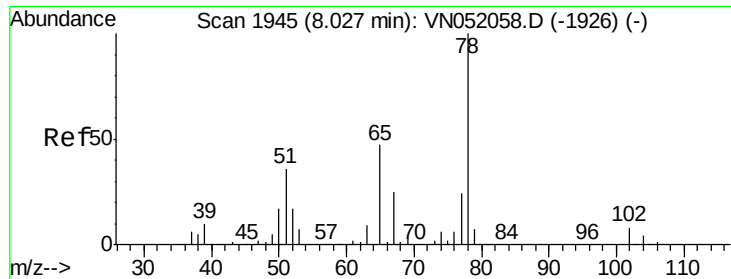
#32
1,1,1-Trichloroethane
Concen: 3719.264 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 97 Resp: 117883
Ion Ratio Lower Upper
97 100
99 62.2 51.4 77.2
61 44.9 40.3 60.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

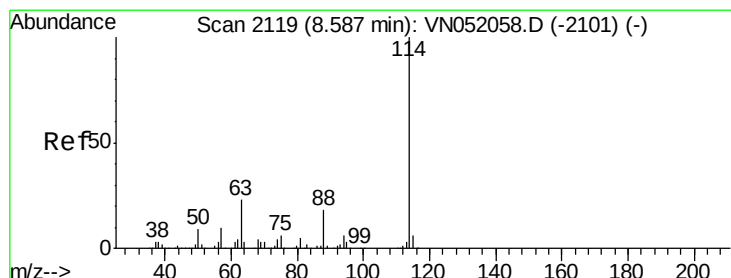
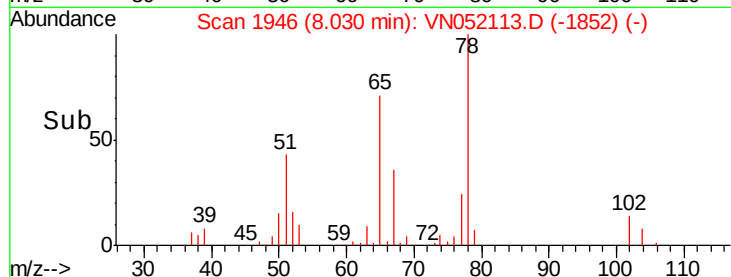
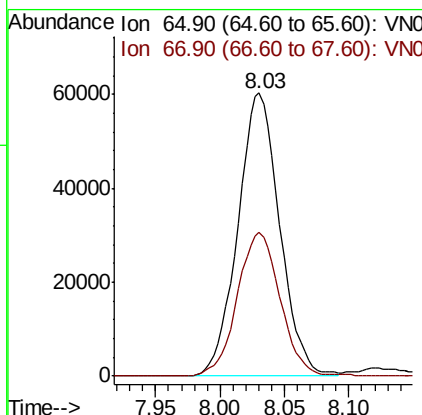
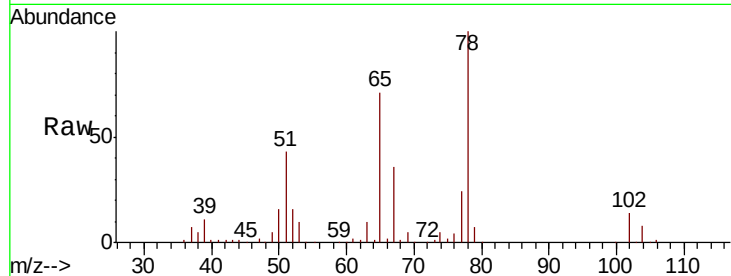




#33
 1,2-Dichloroethane-d4
 Concen: 3719.264 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

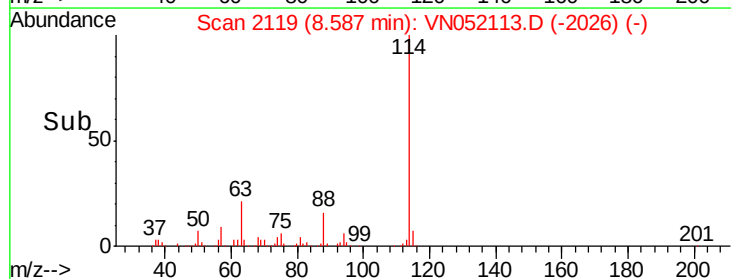
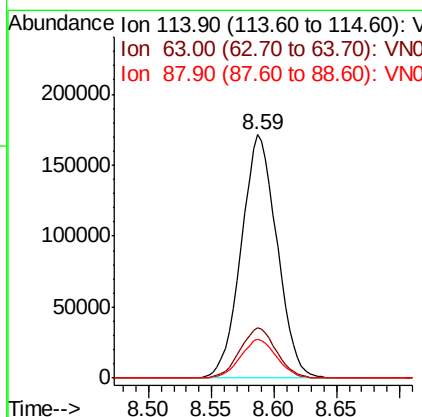
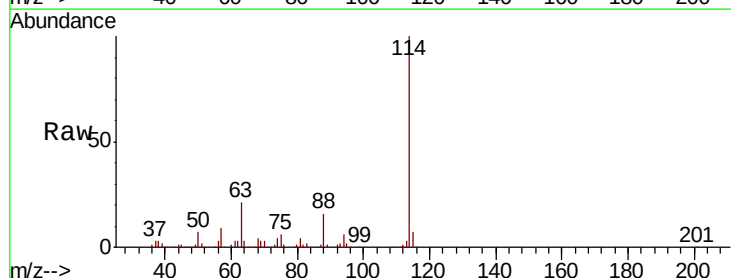
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

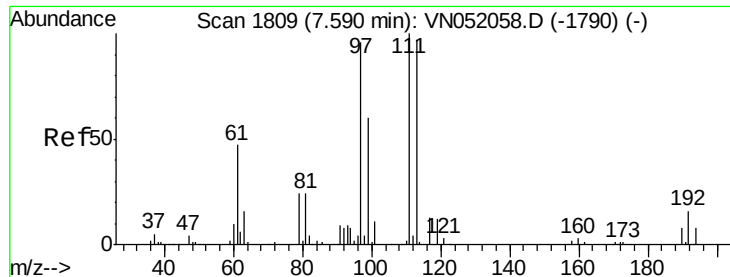
Tgt Ion: 65 Resp: 136231
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 114 Resp: 340439
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 46.0
 88 16.2 0.0 35.4

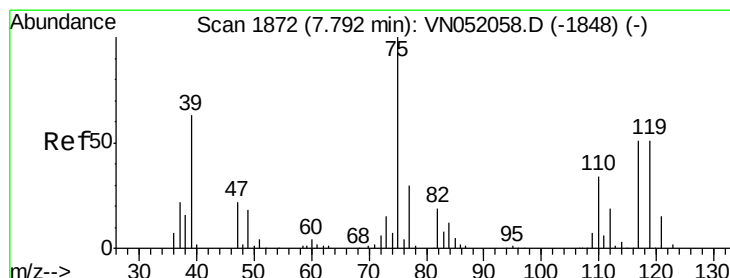
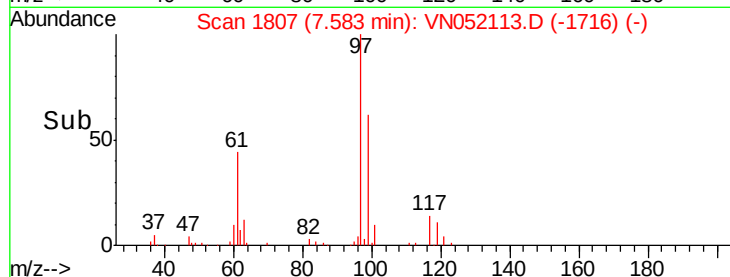
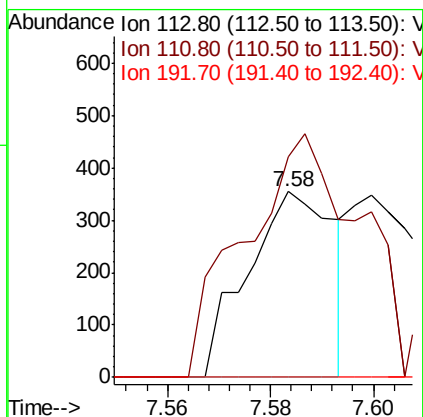
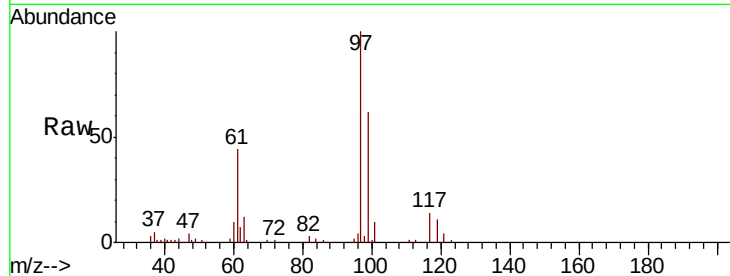




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

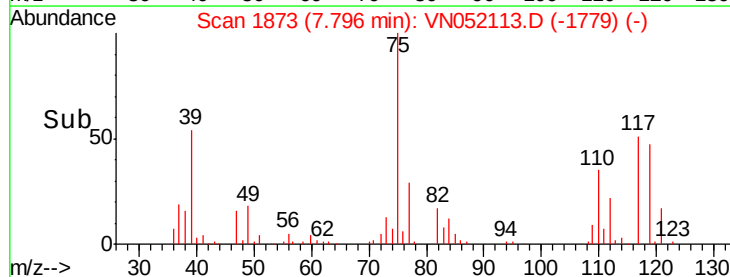
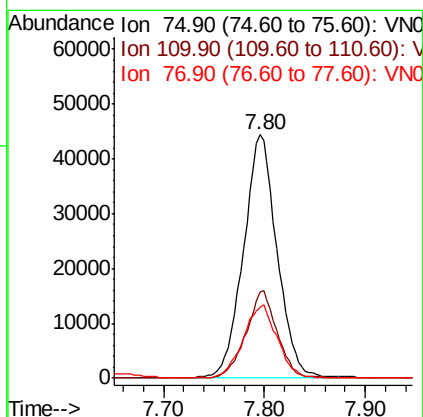
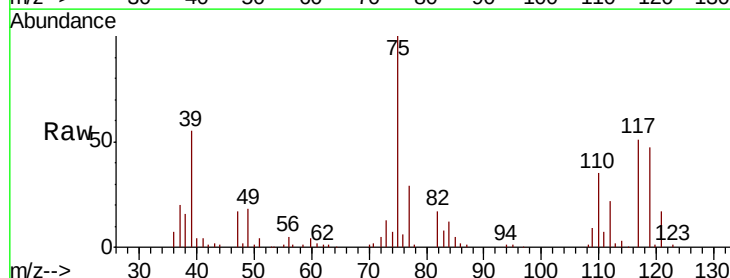
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

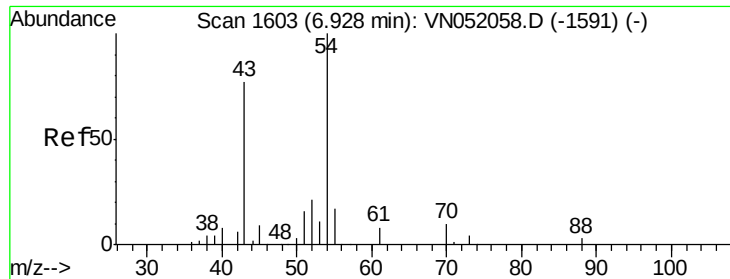
Tgt Ion:113 Resp: 411
 Ion Ratio Lower Upper
 113 100
 111 174.0 83.1 124.7#
 192 0.0 12.7 19.1#



#36
 1,1-Dichloropropene
 Concen: 29.610 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 75 Resp: 102497
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.0 48.0
 77 30.3 24.5 36.7

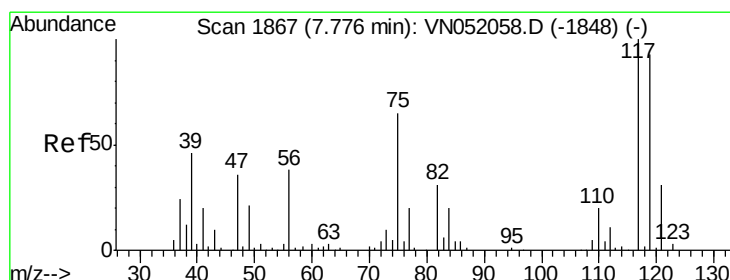
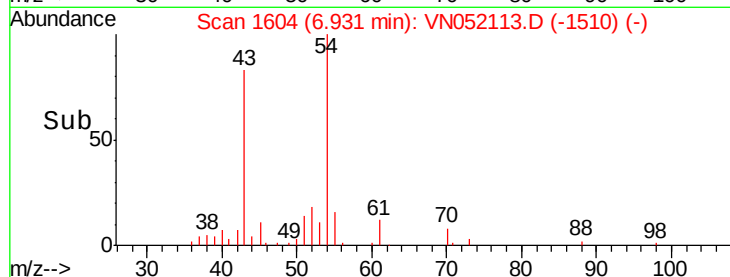
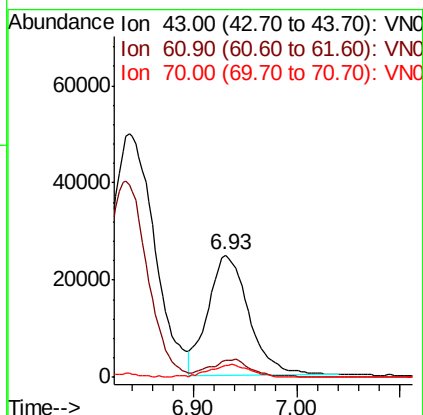
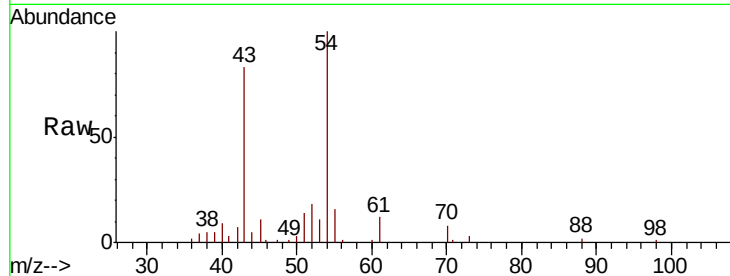




#37
Ethyl Acetate
 Concen: 29.826 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

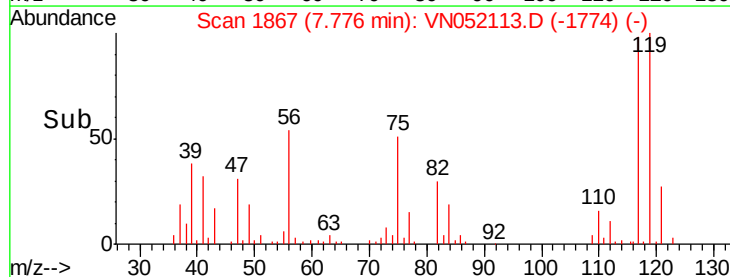
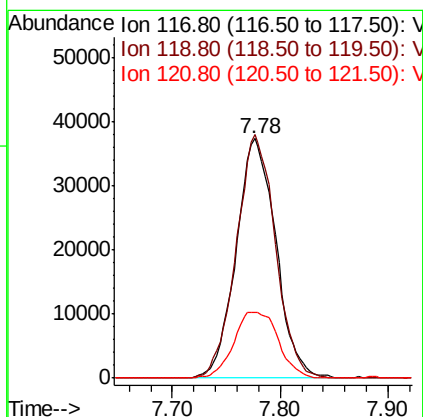
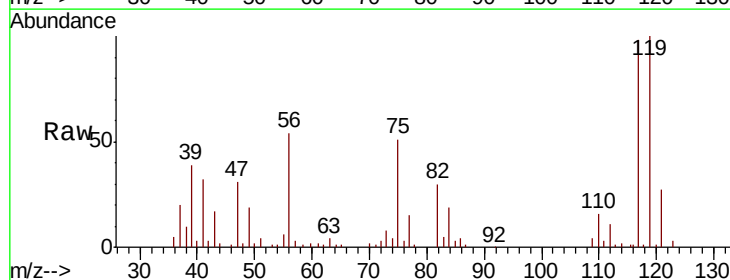
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

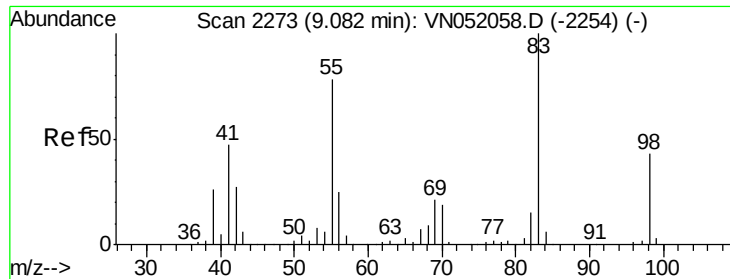
Tgt Ion: 43 Resp: 69106
 Ion Ratio Lower Upper
 43 100
 61 15.0 10.9 16.3
 70 10.3 8.6 12.8



#38
Carbon Tetrachloride
 Concen: 32.106 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 117 Resp: 95829
 Ion Ratio Lower Upper
 117 100
 119 101.8 74.8 112.2
 121 27.5 25.1 37.7

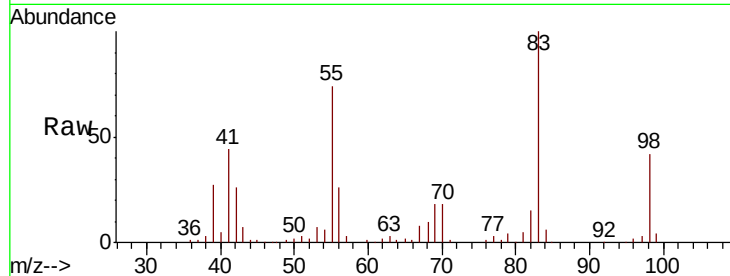




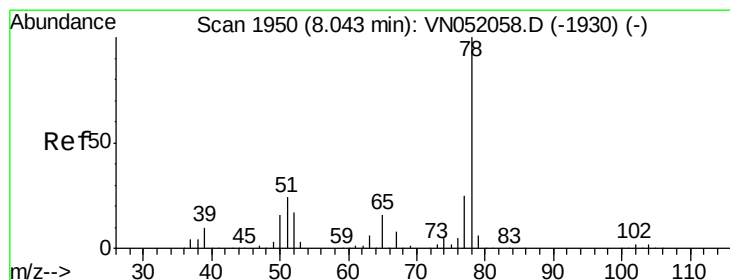
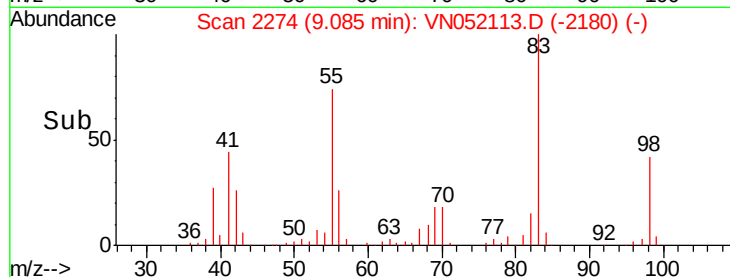
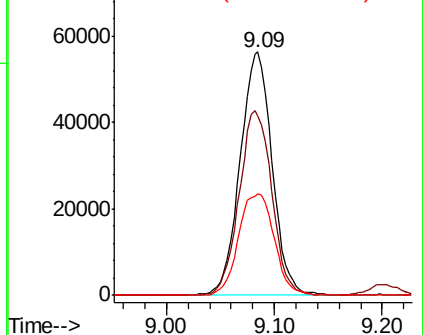
#39
Methylcyclohexane
Concen: 28.298 ug/l
RT: 9.09 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 116245
Ion Ratio Lower Upper
83 100
55 74.0 62.0 93.0
98 41.7 34.7 52.1

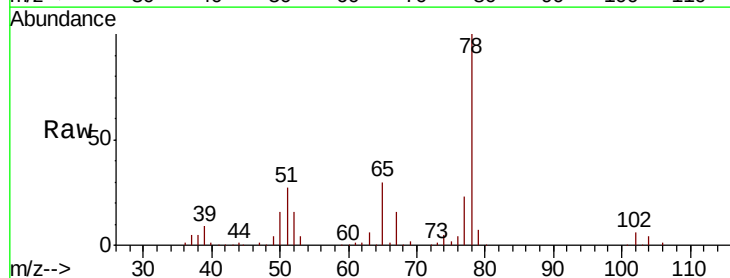


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

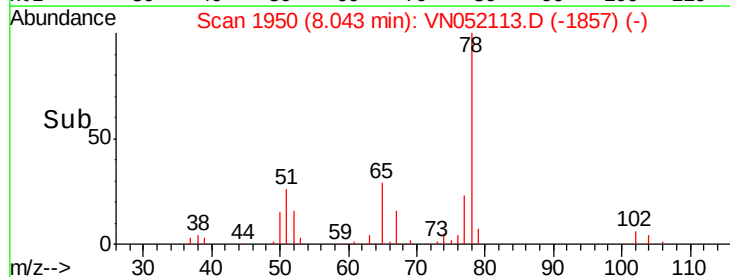
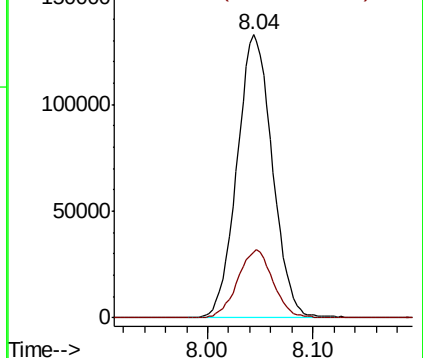


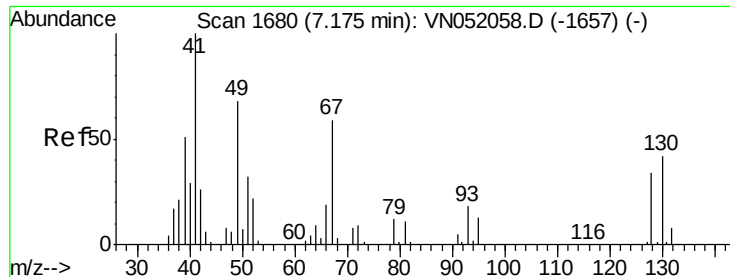
#40
Benzene
Concen: 30.891 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 78 Resp: 309301
Ion Ratio Lower Upper
78 100
77 23.5 19.8 29.6



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

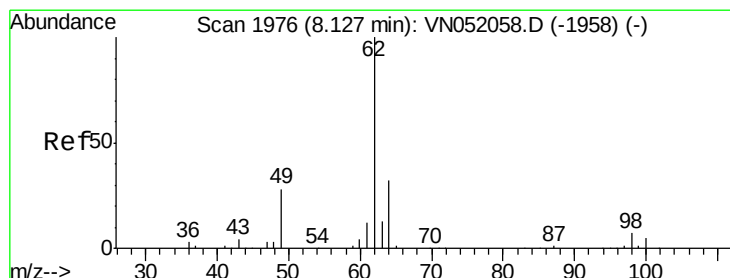
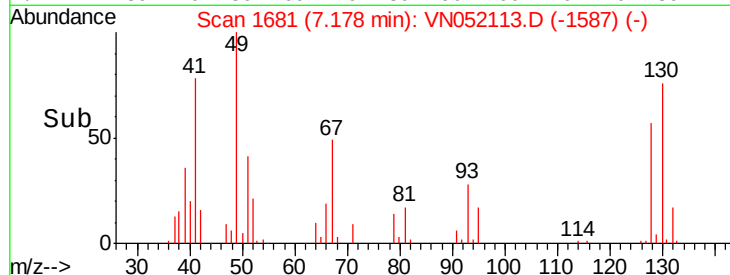
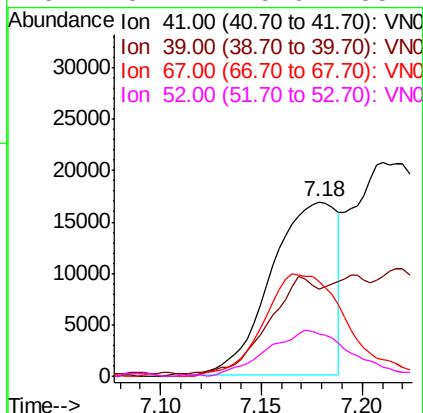
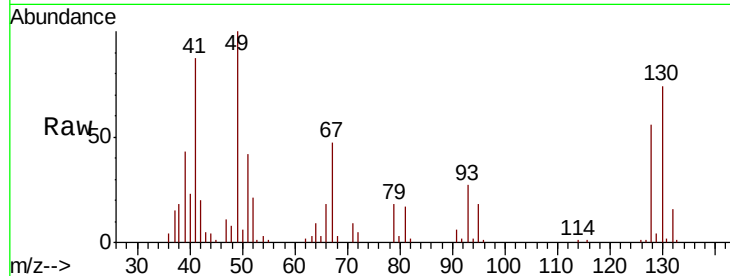




#41
Methacrylonitrile
Concen: 31.675 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

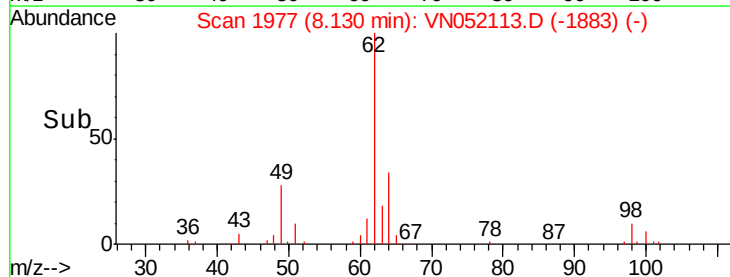
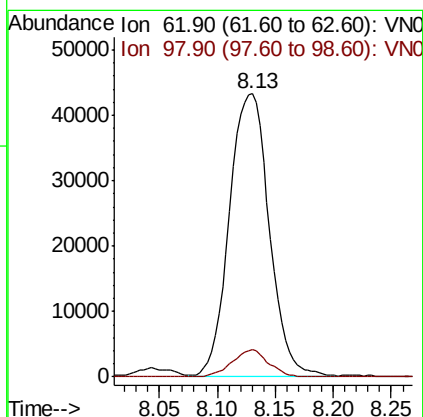
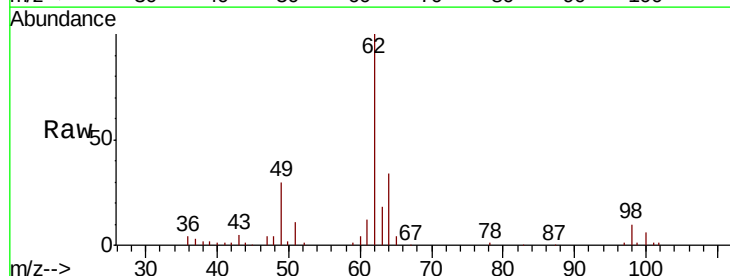
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

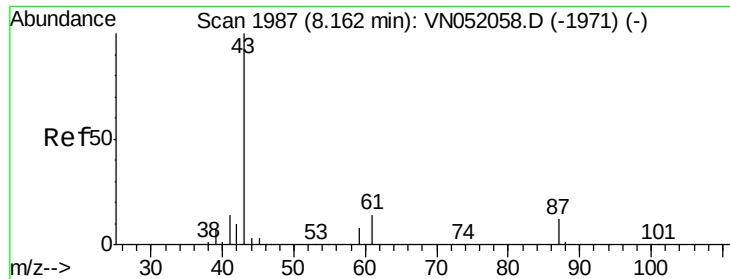
Tgt Ion: 41 Resp: 37809
Ion Ratio Lower Upper
41 100
39 41.7 33.2 49.8
67 75.8 63.5 95.3
52 34.2 25.6 38.4



#42
1,2-Dichloroethane
Concen: 27.909 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 62 Resp: 103122
Ion Ratio Lower Upper
62 100
98 8.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 31.667 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

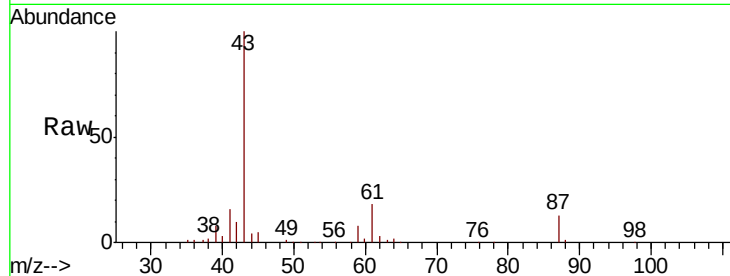
Tgt Ion: 43 Resp: 130498

Ion Ratio Lower Upper

43 100

61 18.5 15.4 23.0

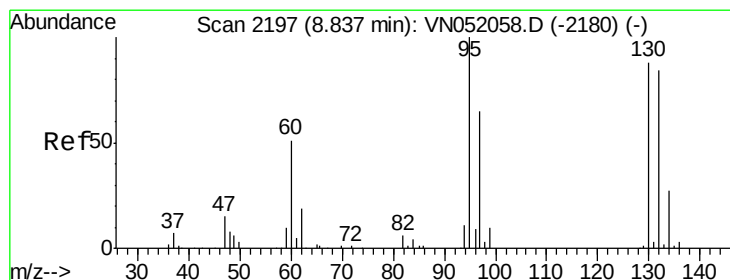
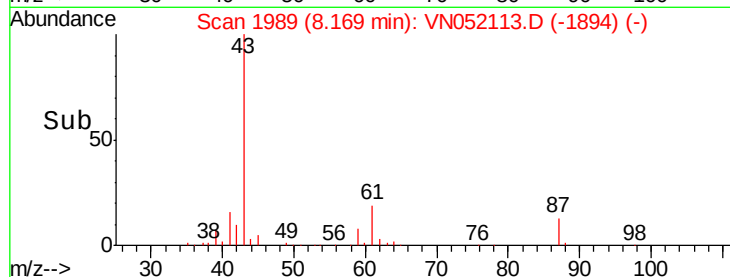
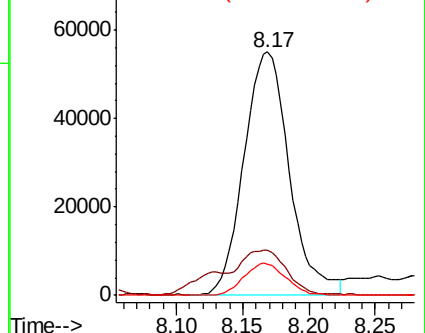
87 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052058.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052058.D (-1971) (-)



#44

Trichloroethene

Concen: 32.894 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052113.D

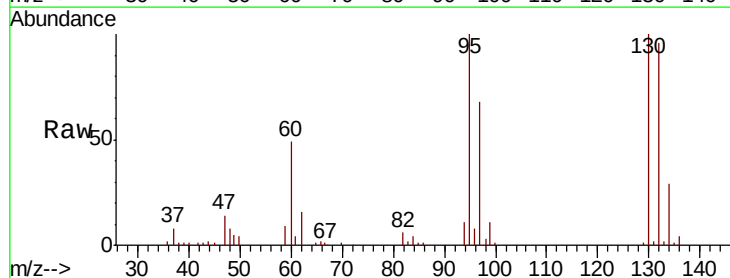
Acq: 1 Nov 2018 19:49

Tgt Ion: 130 Resp: 73656

Ion Ratio Lower Upper

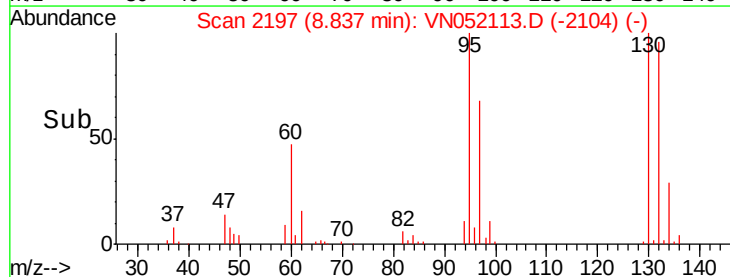
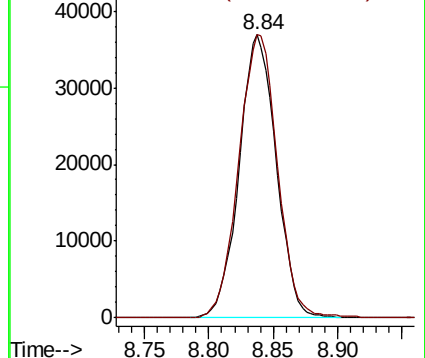
130 100

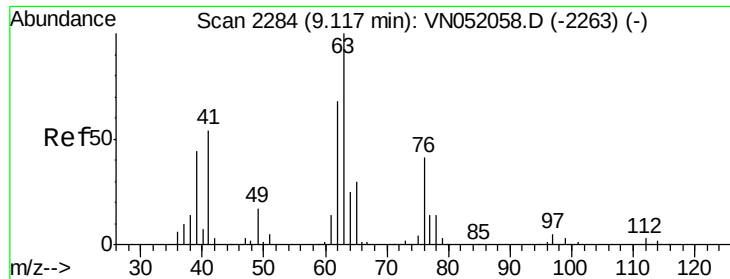
95 100.0 0.0 228.4



Abundance Ion 129.80 (129.50 to 130.50): VN052058.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN052058.D (-2180) (-)

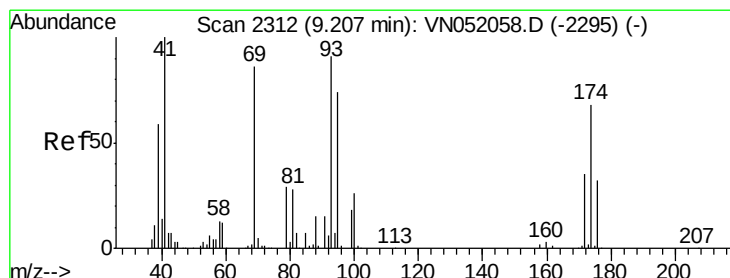
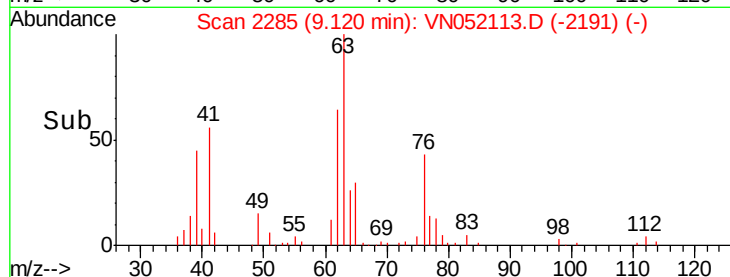
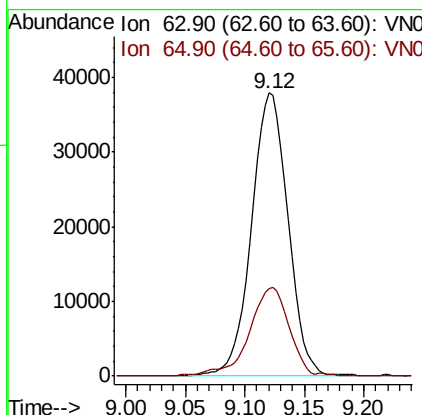
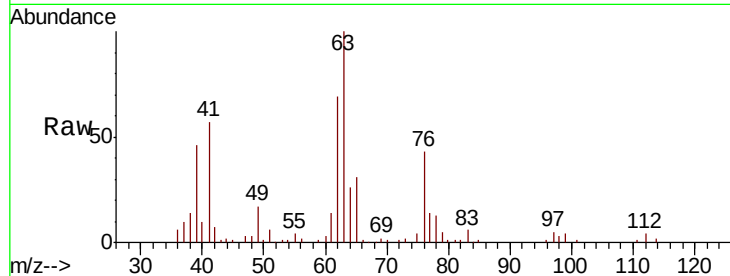




#45
 1,2-Dichloropropane
 Concen: 28.225 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

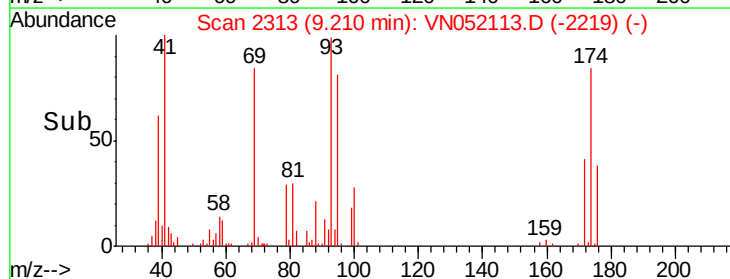
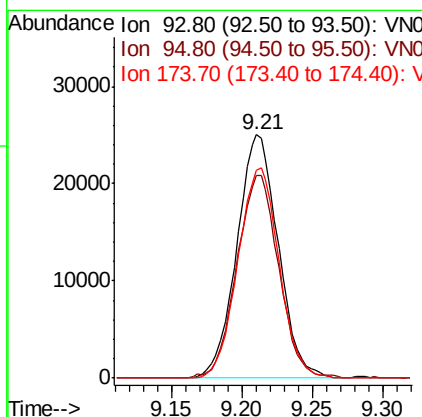
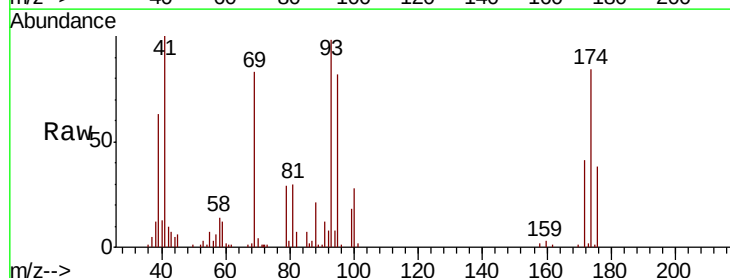
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

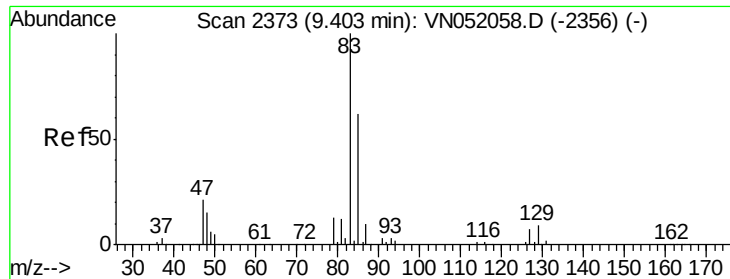
Tgt Ion: 63 Resp: 80505
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.5 36.7



#46
 Dibromomethane
 Concen: 32.178 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 93 Resp: 51295
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.2 100.8
 174 85.9 59.7 89.5

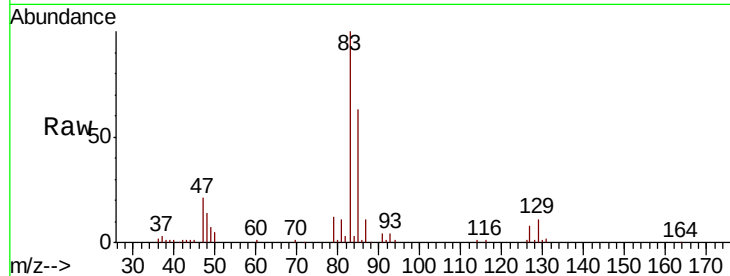




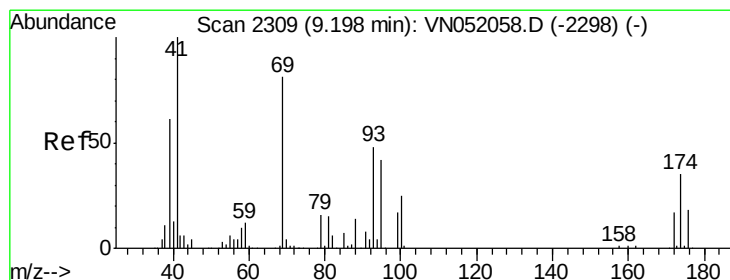
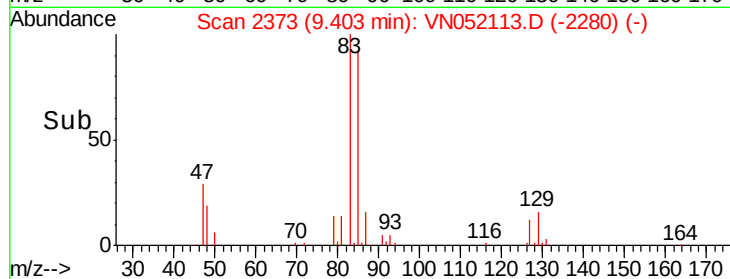
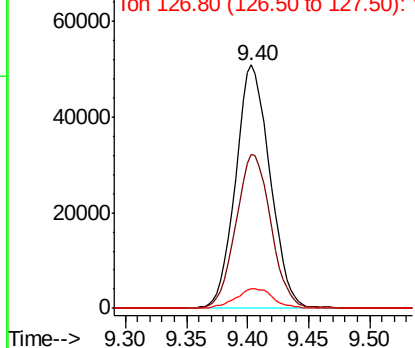
#47
 Bromodichloromethane
 Concen: 29.808 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 83 Resp: 99106
 Ion Ratio Lower Upper
 83 100
 85 63.3 49.4 74.2
 127 8.2 5.8 8.8

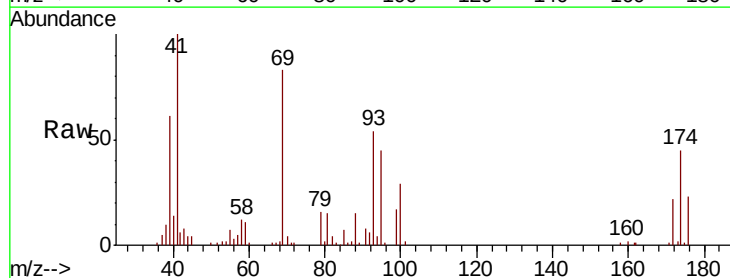


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

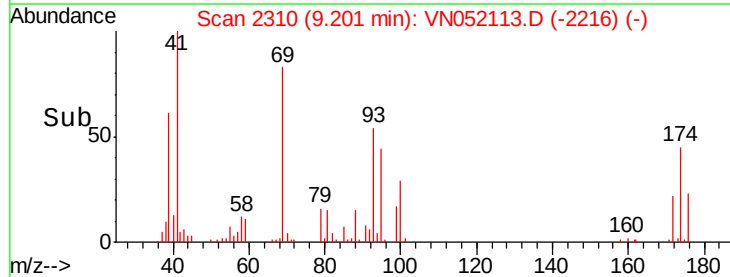
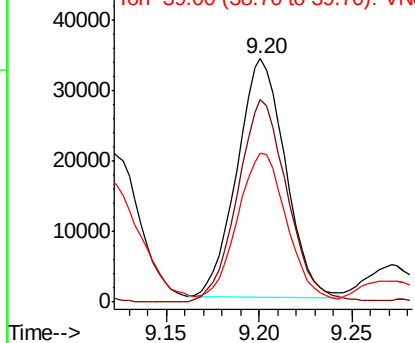


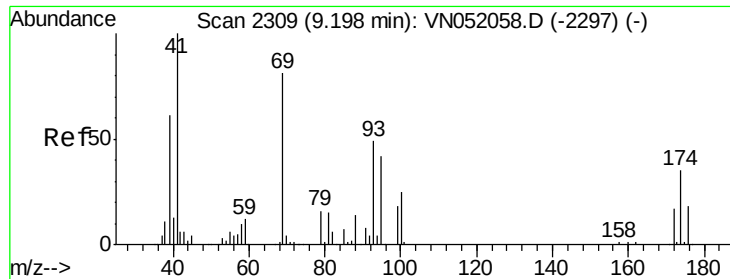
#48
 Methyl methacrylate
 Concen: 29.514 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 41 Resp: 61663
 Ion Ratio Lower Upper
 41 100
 69 87.4 67.1 100.7
 39 62.1 50.5 75.7



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

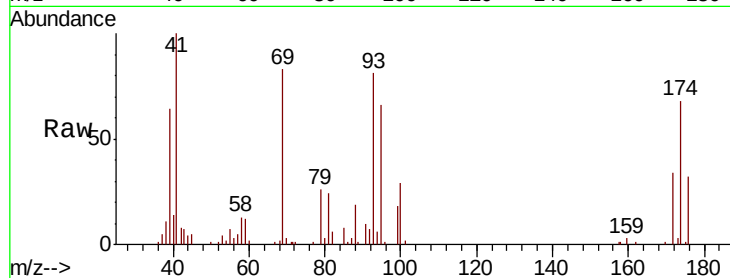




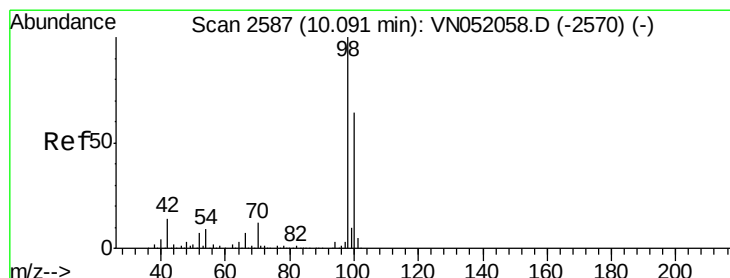
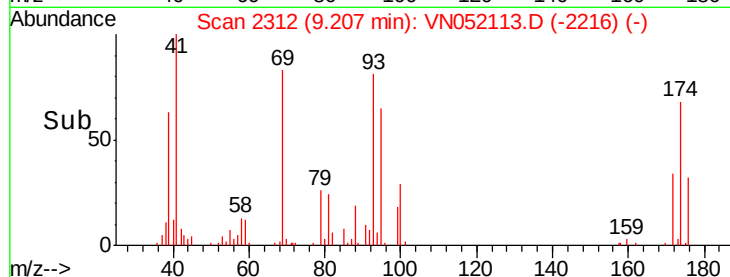
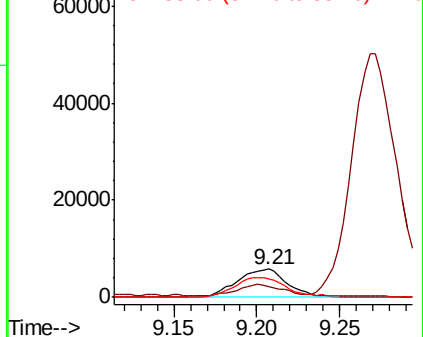
#49
1,4-Dioxane
Concen: 704.937 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 12217
Ion Ratio Lower Upper
88 100
43 35.0 34.1 51.1
58 72.8 62.8 94.2

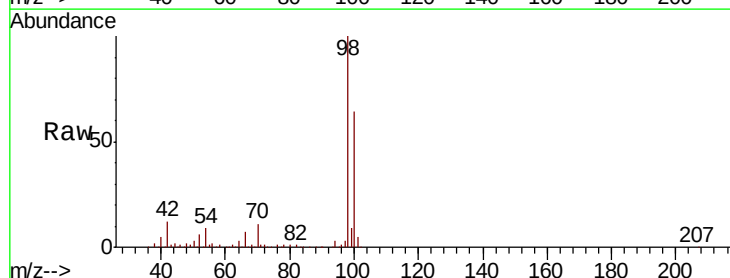


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

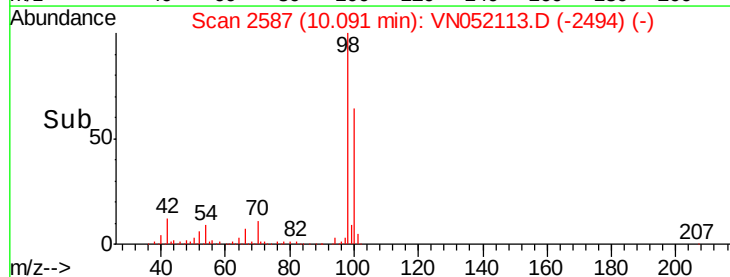
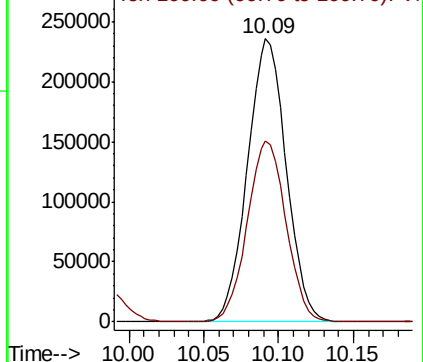


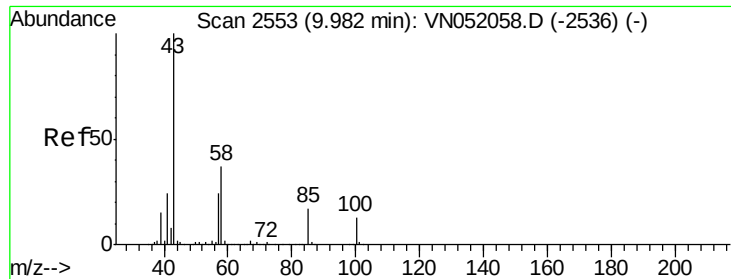
#50
Toluene-d8
Concen: 704.937 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 98 Resp: 425276
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.2



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

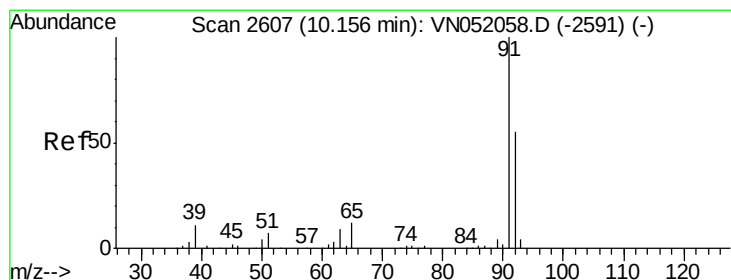
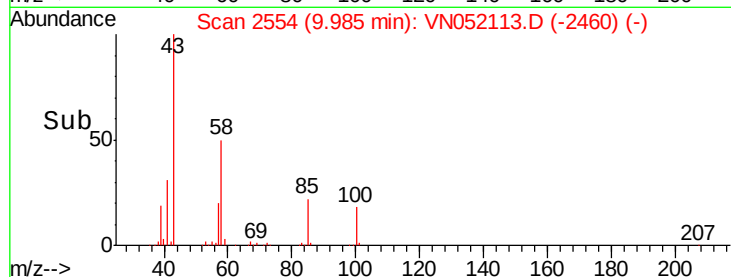
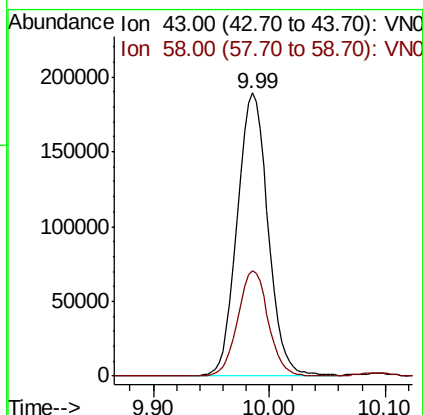
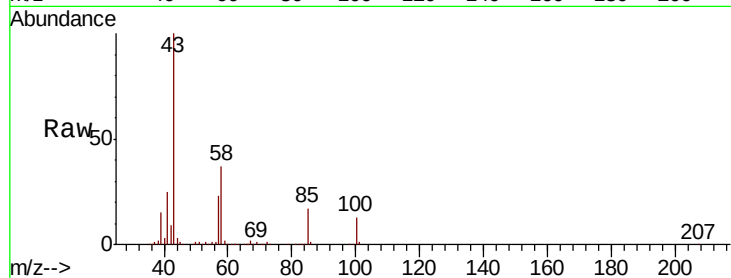




#51
 4-Methyl-2-Pentanone
 Concen: 155.288 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

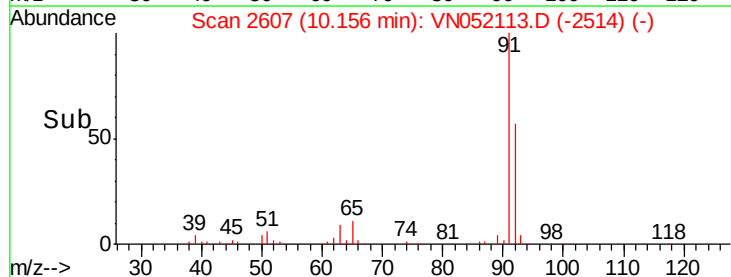
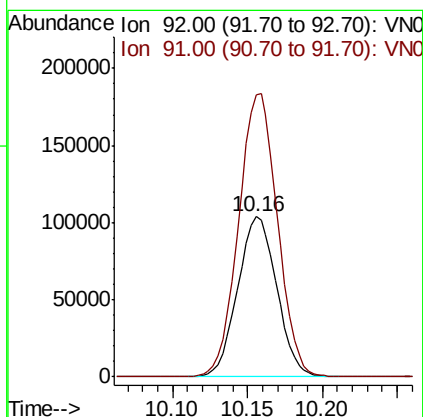
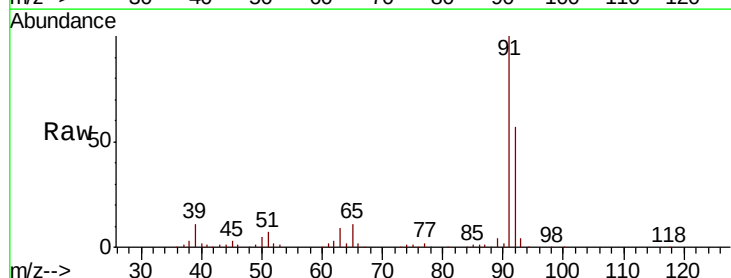
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

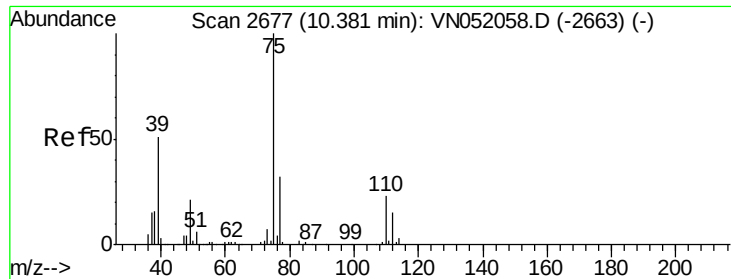
Tgt Ion: 43 Resp: 347823
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.7 44.5



#52
 Toluene
 Concen: 31.234 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 92 Resp: 188784
 Ion Ratio Lower Upper
 92 100
 91 176.1 143.9 215.9





#53

t-1,3-Dichloropropene

Concen: 27.888 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

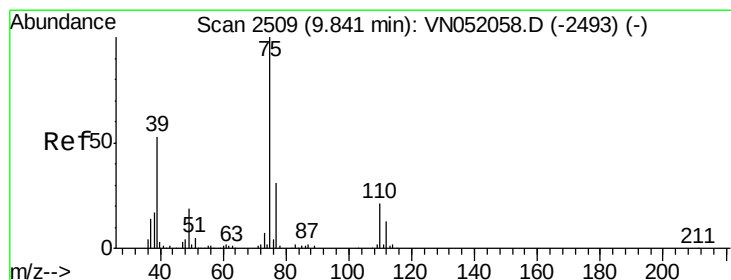
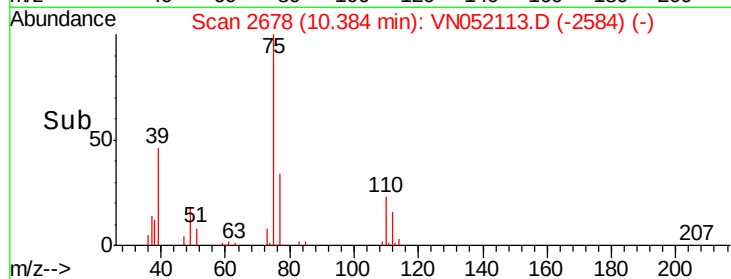
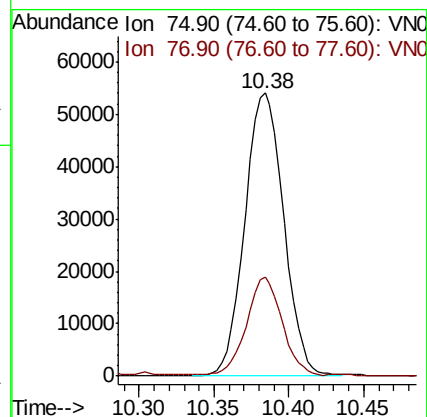
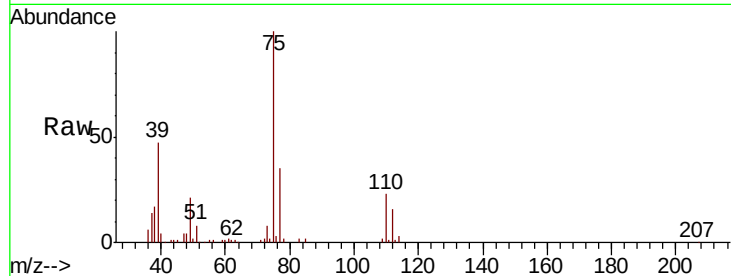
VSTDCCC020EC

Tgt Ion: 75 Resp: 98026

Ion Ratio Lower Upper

75 100

77 34.3 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 28.819 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

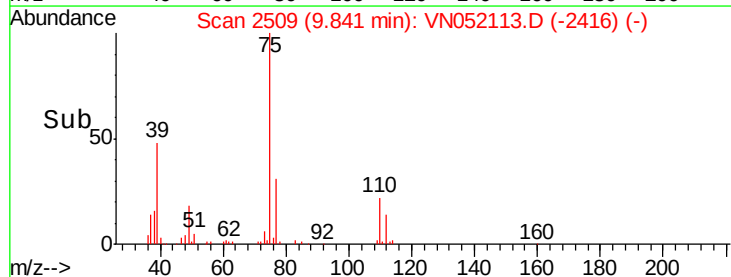
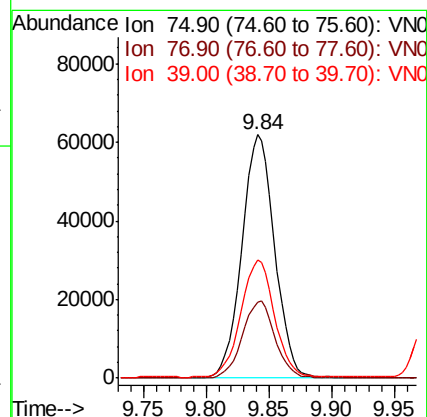
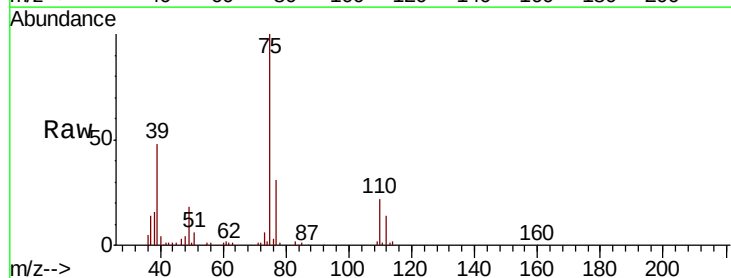
Tgt Ion: 75 Resp: 112500

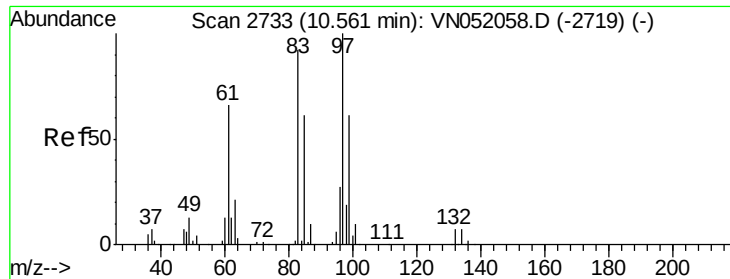
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

39 47.8 42.3 63.5

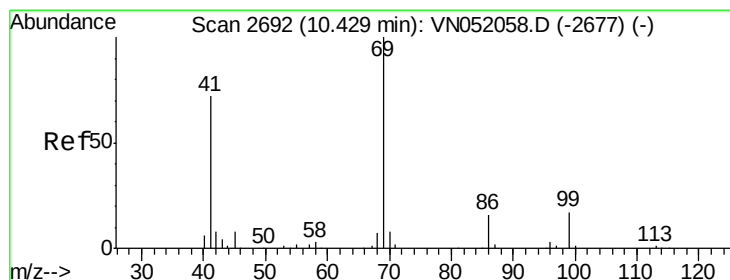
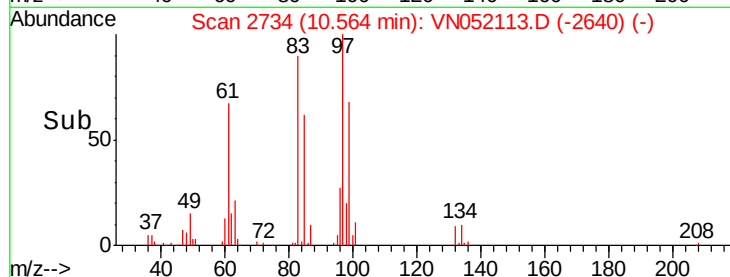
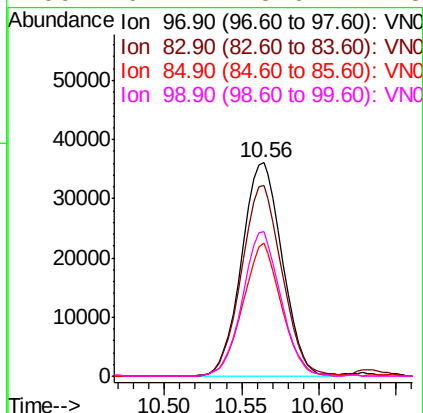
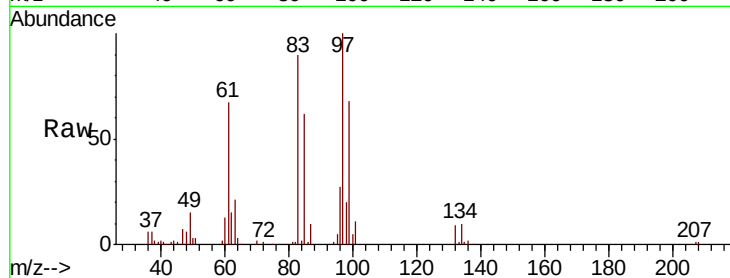




#55
 1,1,2-Trichloroethane
 Concen: 30.734 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

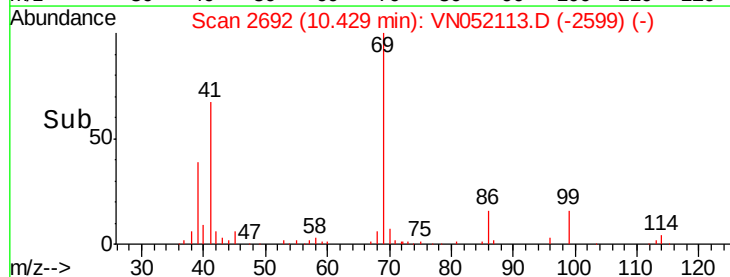
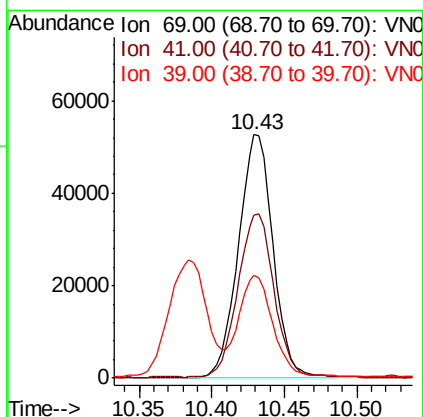
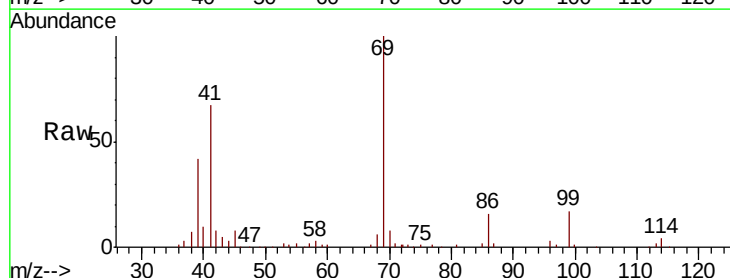
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

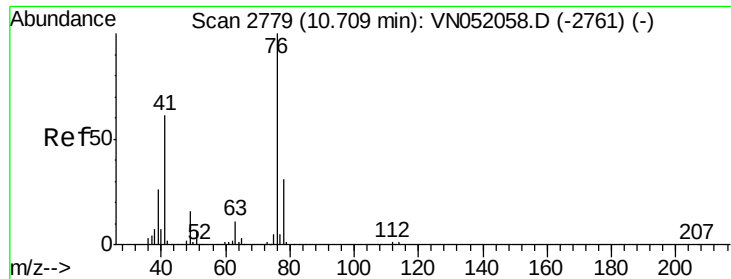
Tgt Ion: 97 Resp: 66162
 Ion Ratio Lower Upper
 97 100
 83 89.6 73.8 110.8
 85 62.4 48.4 72.6
 99 67.7 48.6 72.8



#56
 Ethyl methacrylate
 Concen: 28.504 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 69 Resp: 87773
 Ion Ratio Lower Upper
 69 100
 41 69.5 55.5 83.3
 39 40.5 33.0 49.4





#57

1,3-Dichloropropane

Concen: 30.586 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

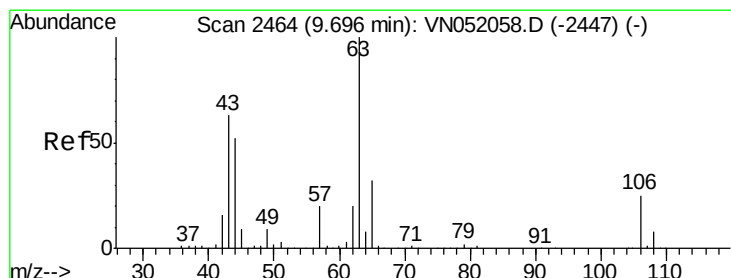
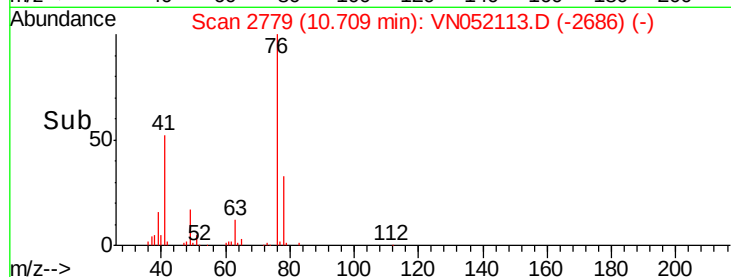
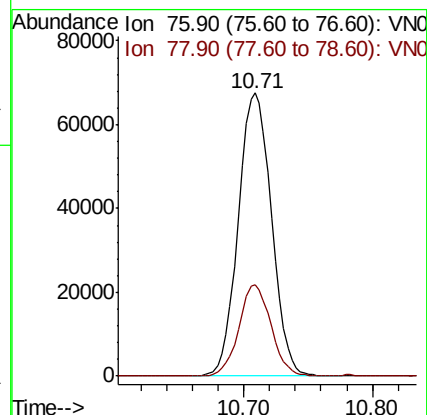
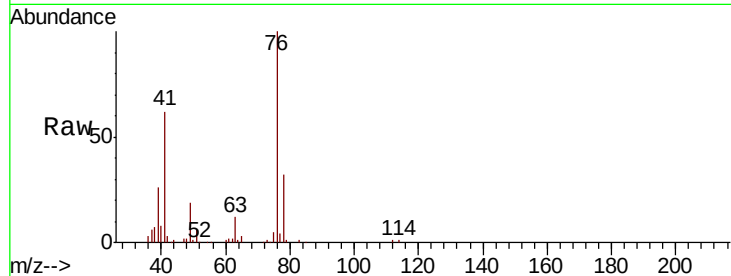
VSTDCCC020EC

Tgt Ion: 76 Resp: 121154

Ion Ratio Lower Upper

76 100

78 31.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 155.011 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052113.D

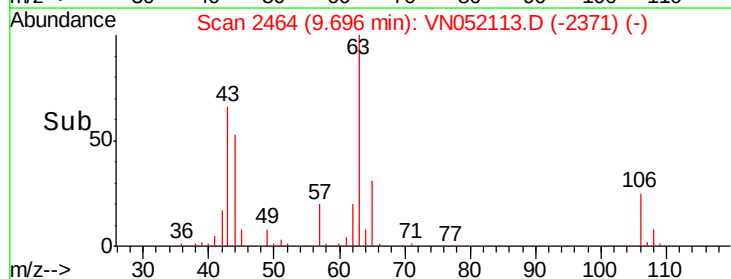
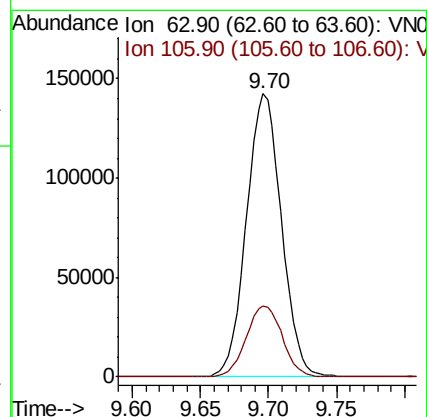
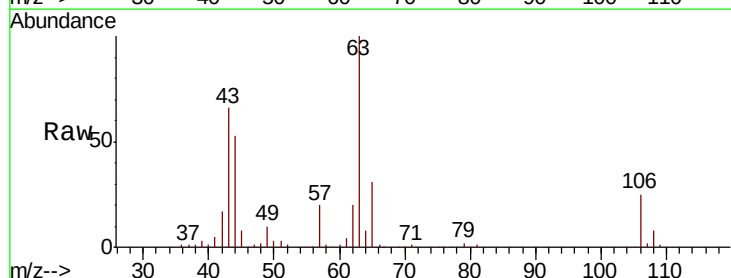
Acq: 1 Nov 2018 19:49

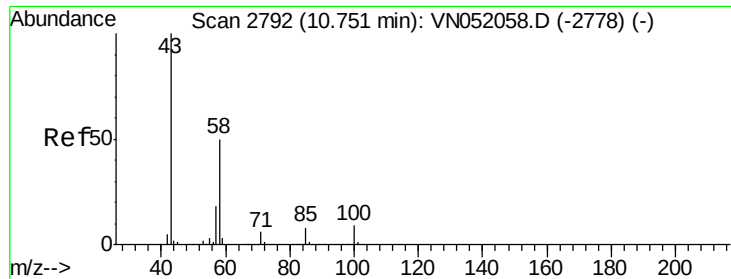
Tgt Ion: 63 Resp: 253903

Ion Ratio Lower Upper

63 100

106 26.0 19.4 29.2

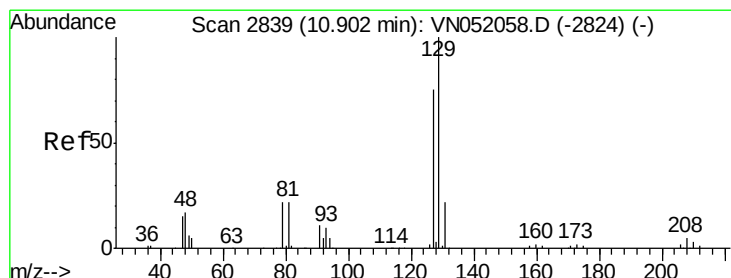
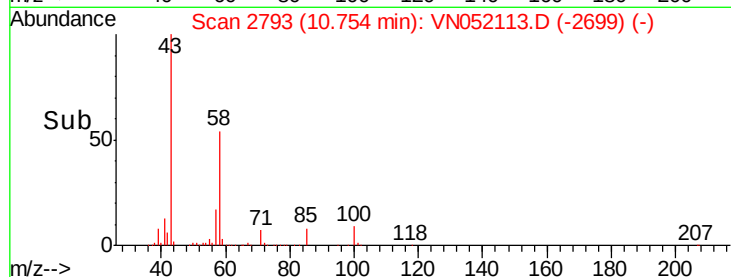
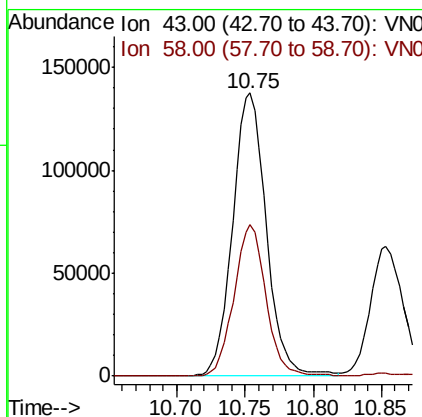
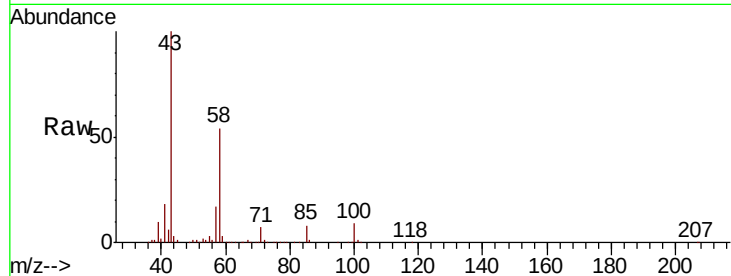




#59
2-Hexanone
Concen: 146.465 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

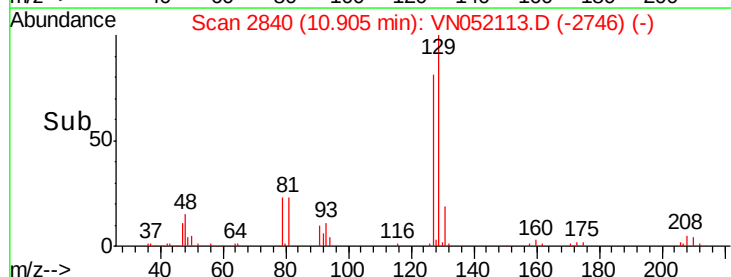
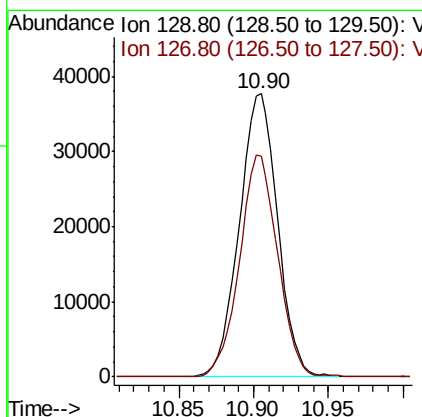
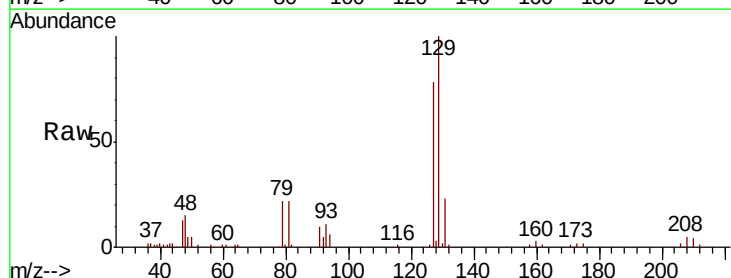
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

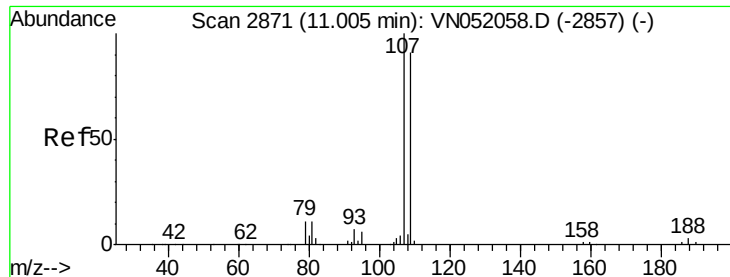
Tgt Ion: 43 Resp: 233784
Ion Ratio Lower Upper
43 100
58 50.8 25.2 75.6



#60
Dibromochloromethane
Concen: 31.706 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 129 Resp: 67195
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 32.142 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

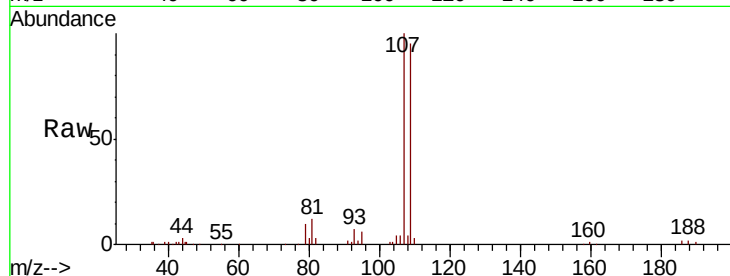
VSTDCCC020EC

Tgt Ion: 107 Resp: 68785

Ion Ratio Lower Upper

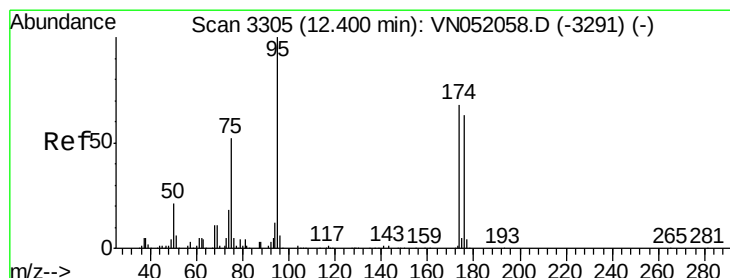
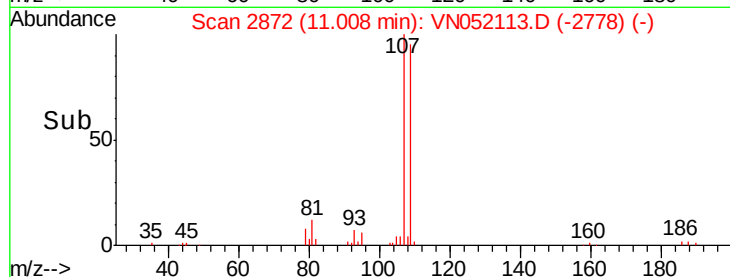
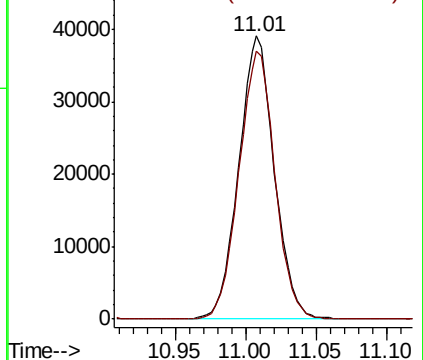
107 100

109 95.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 32.142 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

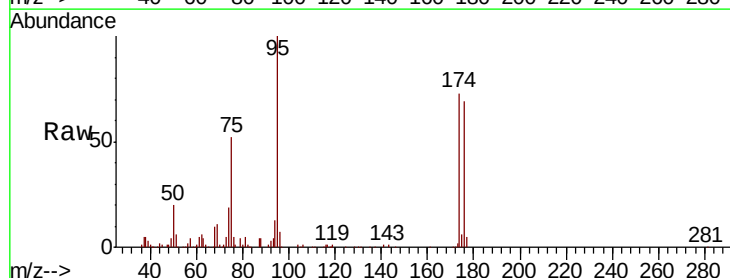
Tgt Ion: 95 Resp: 142161

Ion Ratio Lower Upper

95 100

174 72.0 0.0 131.8

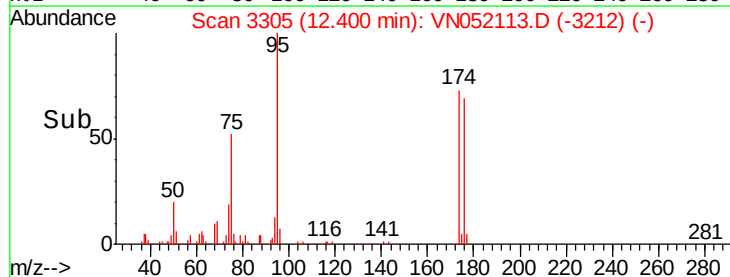
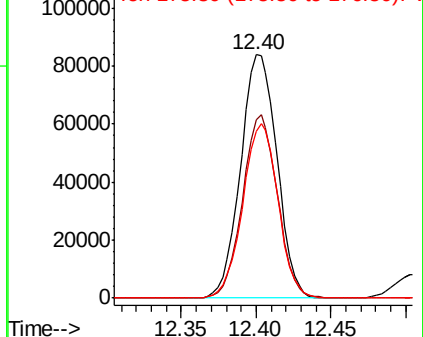
176 69.3 0.0 126.0

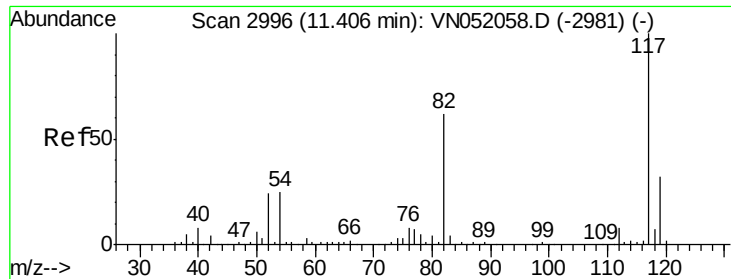


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

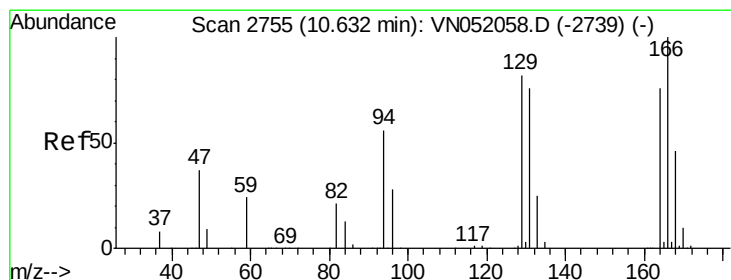
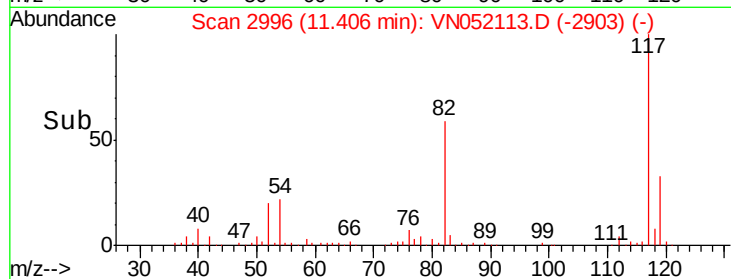
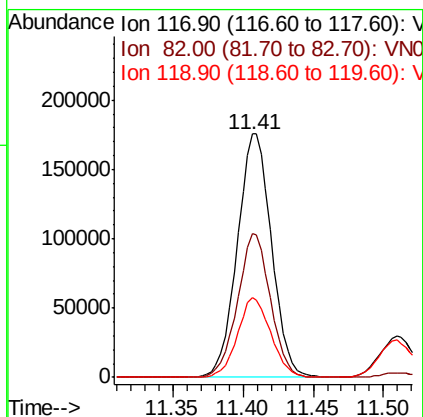
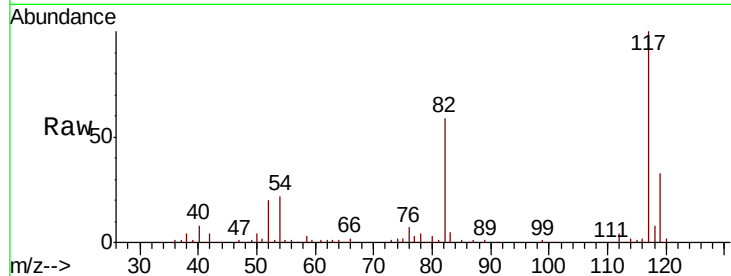




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

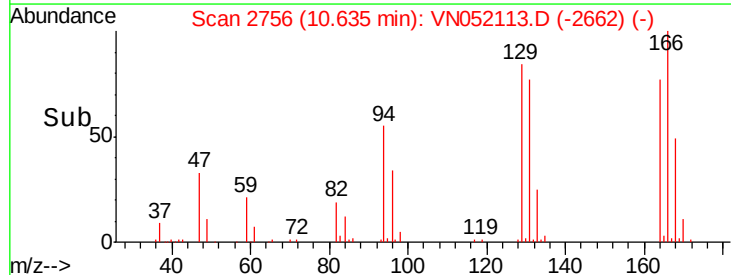
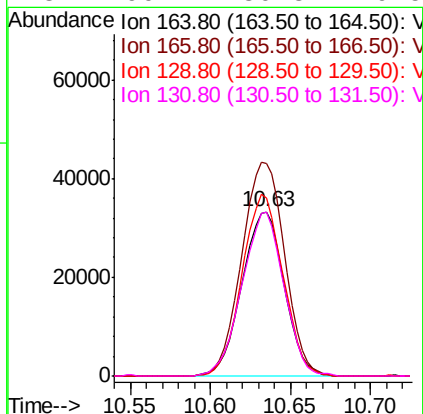
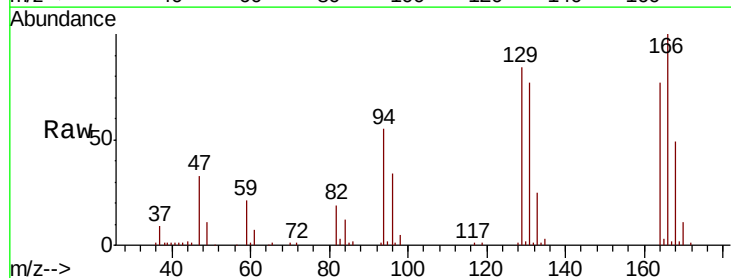
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

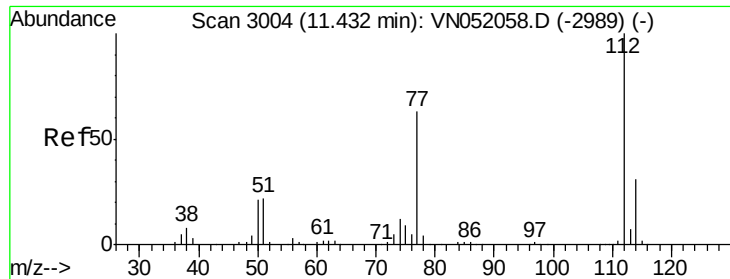
Tgt Ion:117 Resp: 298467
Ion Ratio Lower Upper
117 100
82 59.1 49.9 74.9
119 32.8 25.7 38.5



#64
Tetrachloroethene
Concen: 33.054 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion:164 Resp: 59767
Ion Ratio Lower Upper
164 100
166 129.4 105.4 158.0
129 108.5 86.1 129.1
131 99.7 80.3 120.5

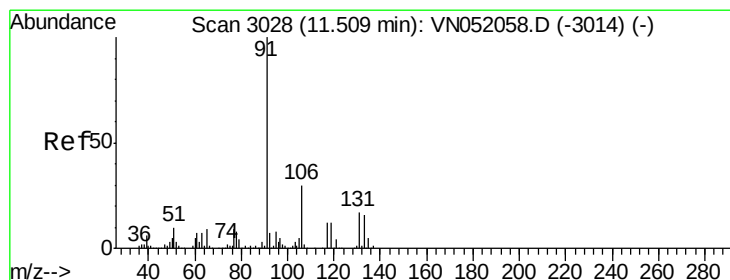
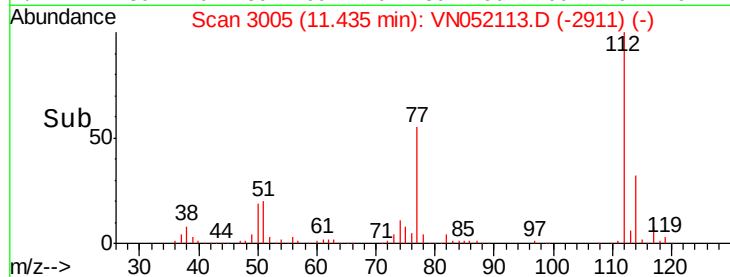
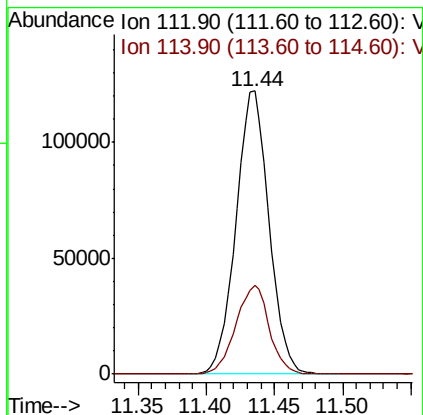
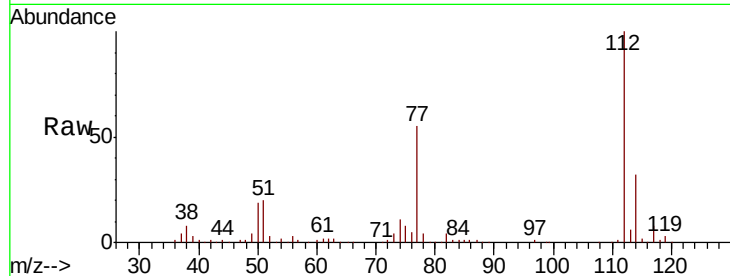




#65
Chlorobenzene
Concen: 32.624 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

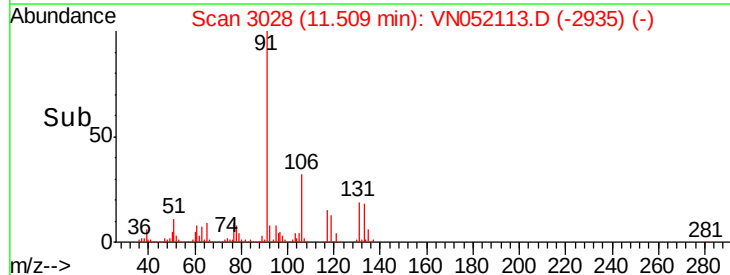
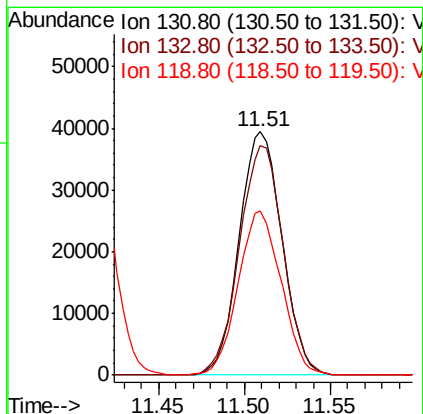
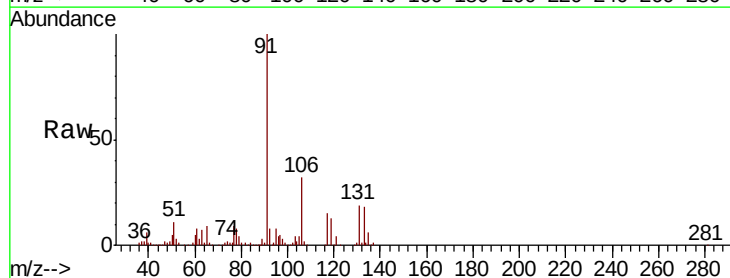
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

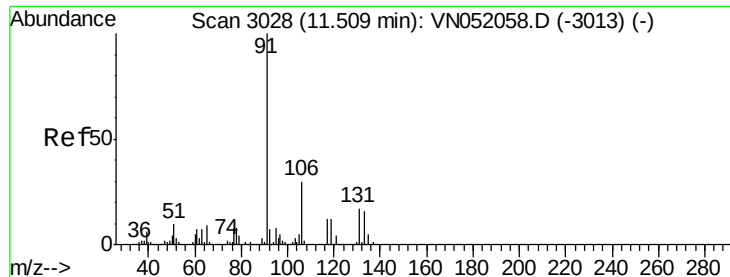
Tgt Ion:112 Resp: 205085
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 34.674 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion:131 Resp: 68443
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 67.7 34.4 103.2





#67

Ethyl Benzene

Concen: 30.734 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

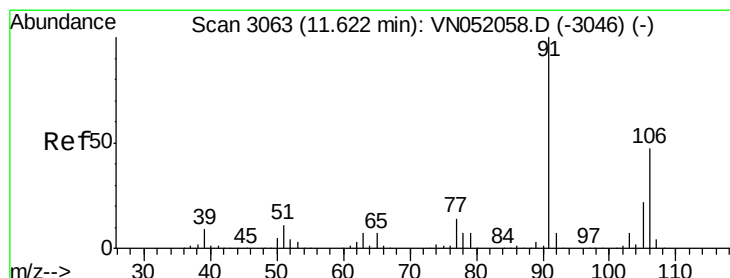
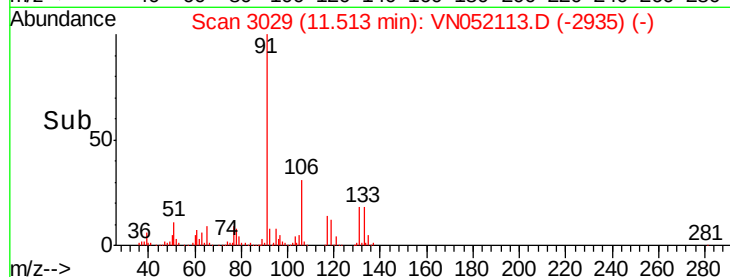
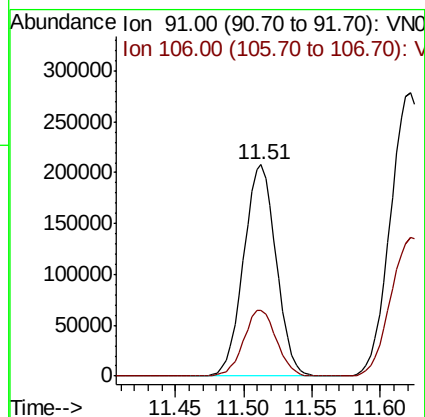
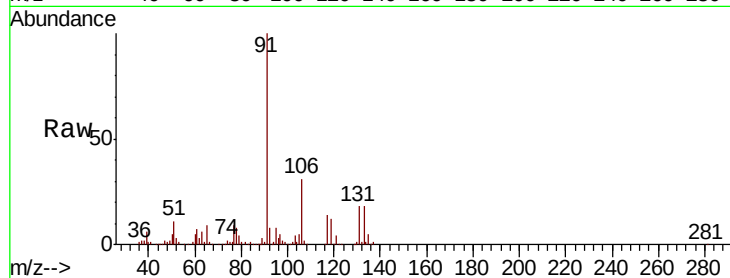
VSTDCCC020EC

Tgt Ion: 91 Resp: 344546

Ion Ratio Lower Upper

91 100

106 31.2 24.1 36.1



#68

m/p-Xylenes

Concen: 66.115 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN052113.D

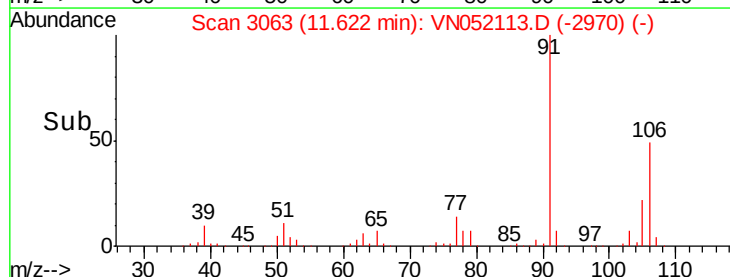
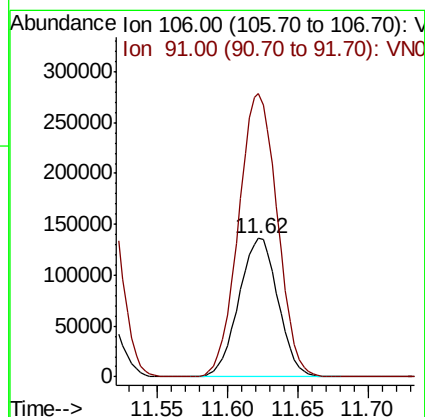
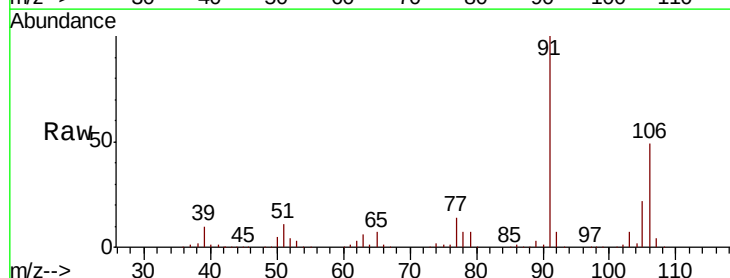
Acq: 1 Nov 2018 19:49

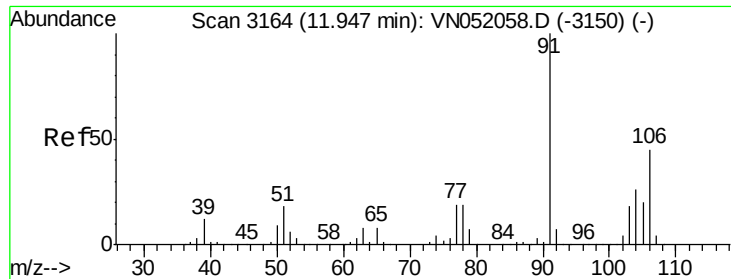
Tgt Ion: 106 Resp: 265292

Ion Ratio Lower Upper

106 100

91 202.7 168.7 253.1

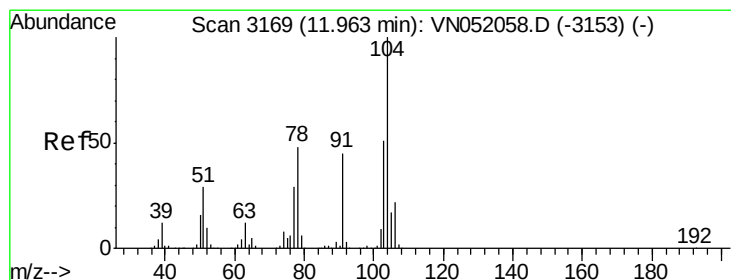
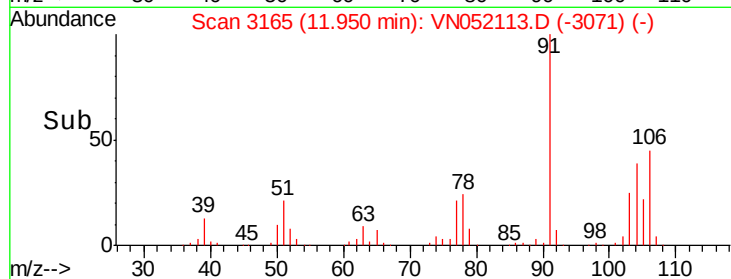
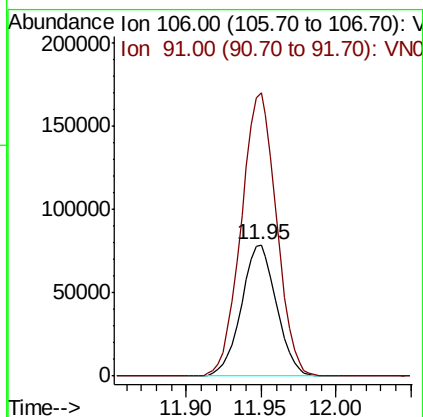
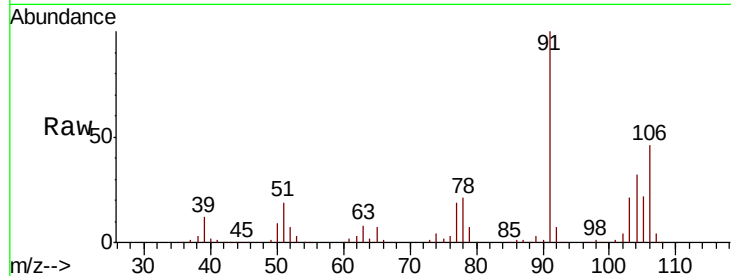




#69
o-Xylene
Concen: 32.344 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

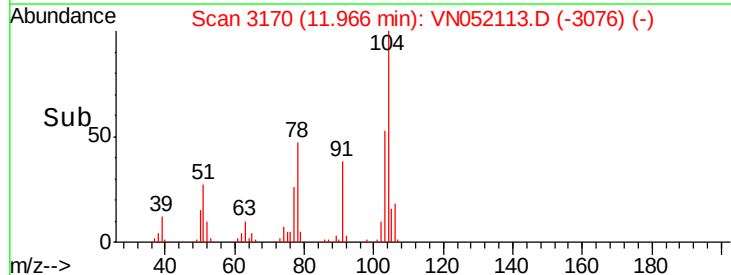
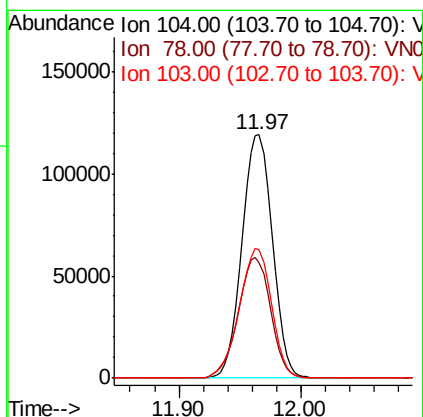
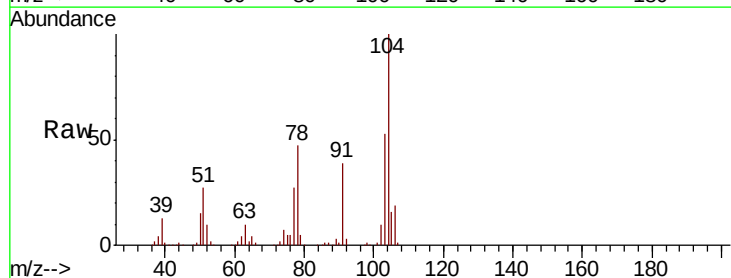
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

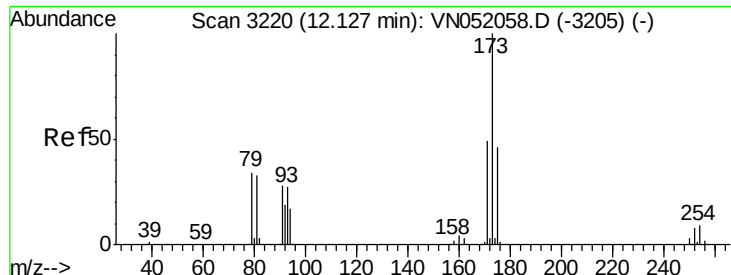
Tgt Ion:106 Resp: 128422
Ion Ratio Lower Upper
106 100
91 216.6 109.6 328.6



#70
Styrene
Concen: 31.943 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion:104 Resp: 205219
Ion Ratio Lower Upper
104 100
78 52.6 43.0 64.6
103 56.3 45.1 67.7





#71

Bromoform

Concen: 30.012 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

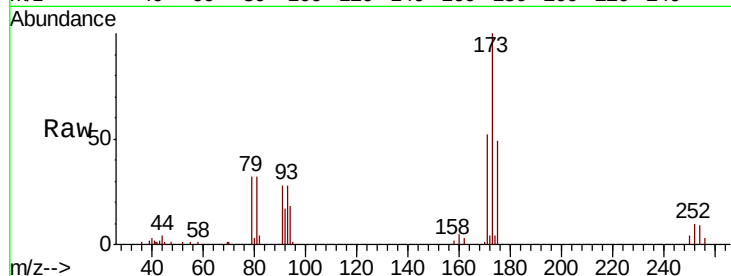
Tgt Ion:173 Resp: 36915

Ion Ratio Lower Upper

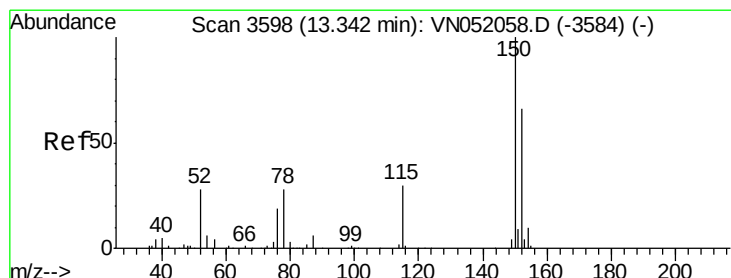
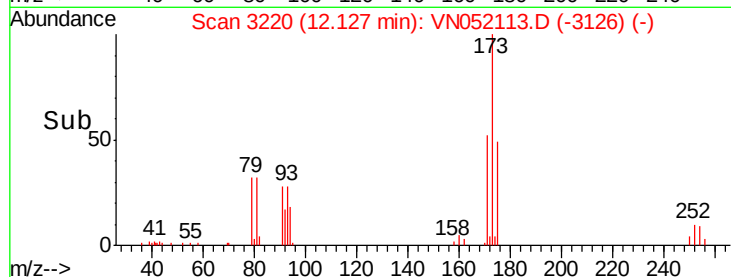
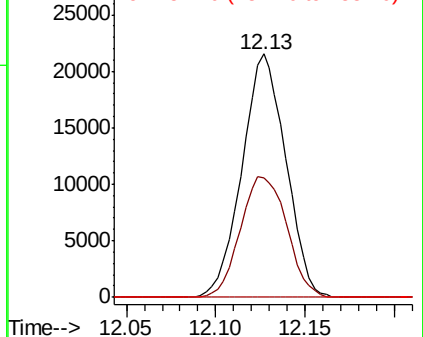
173 100

175 52.5 23.9 71.7

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# 3598

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

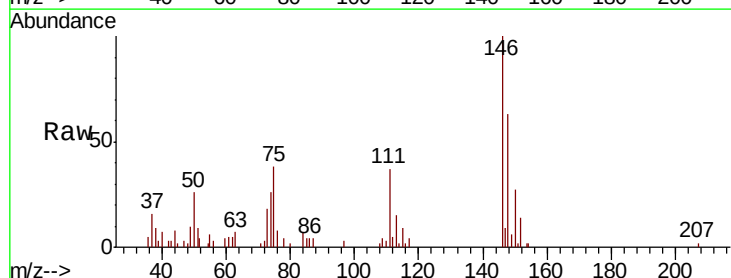
Tgt Ion:152 Resp: 2133

Ion Ratio Lower Upper

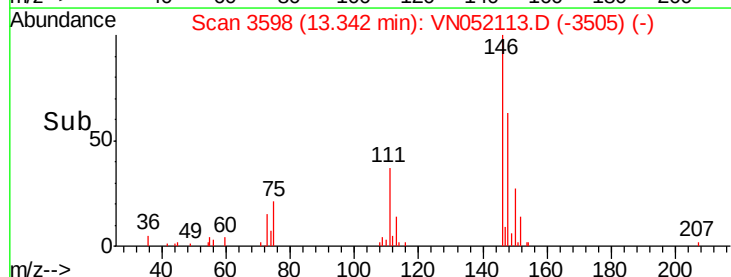
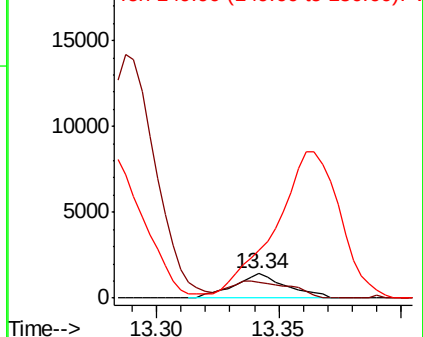
152 100

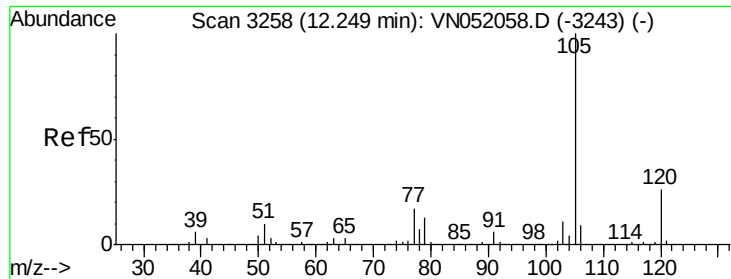
115 82.0 31.6 95.0

150 0.0 0.0 345.0



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: 1854.523 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

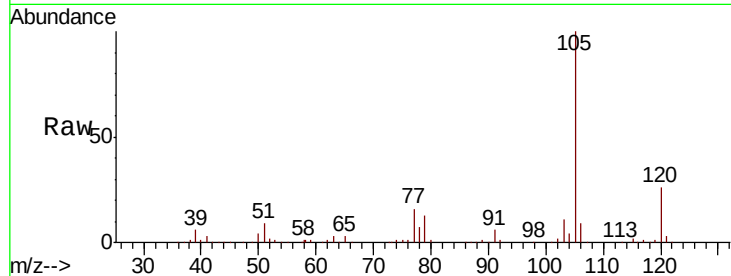
VSTDCCC020EC

Tgt Ion:105 Resp: 338268

Ion Ratio Lower Upper

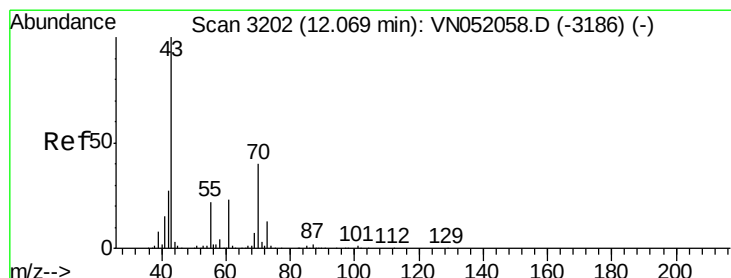
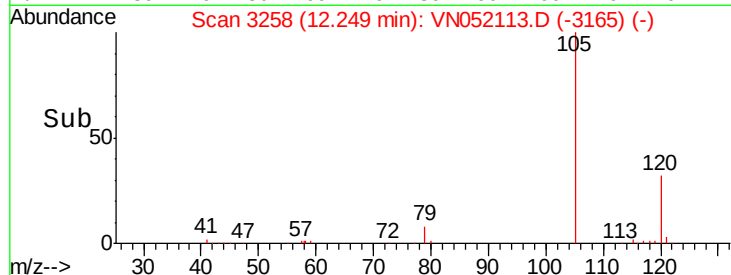
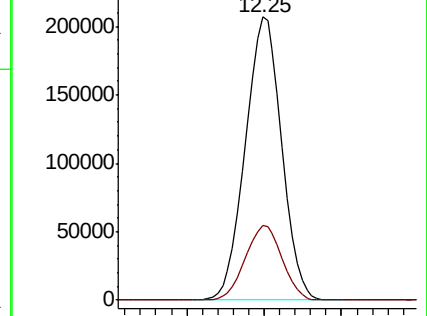
105 100

120 26.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1720.279 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Tgt Ion: 43 Resp: 109507

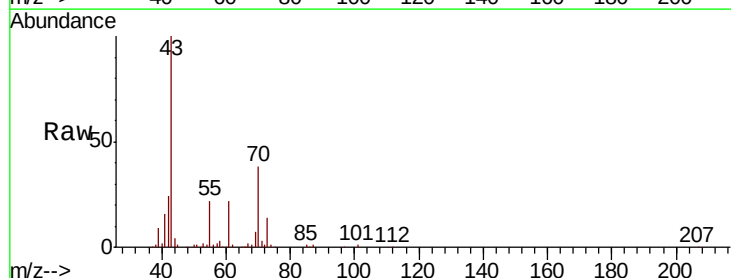
Ion Ratio Lower Upper

43 100

70 39.3 31.9 47.9

55 22.6 18.4 27.6

61 22.0 18.2 27.4

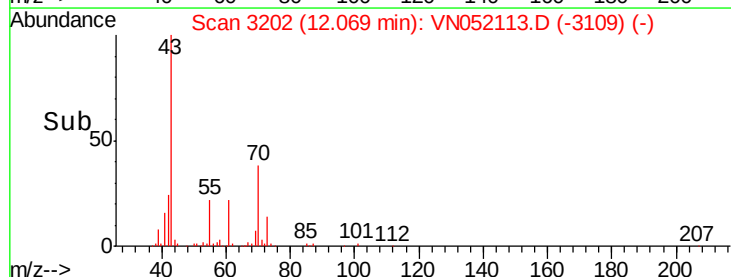
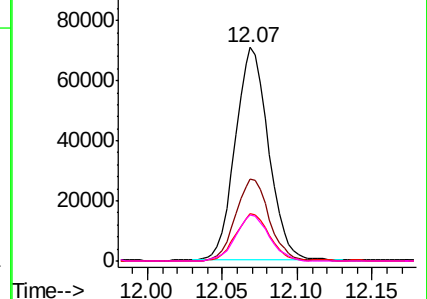


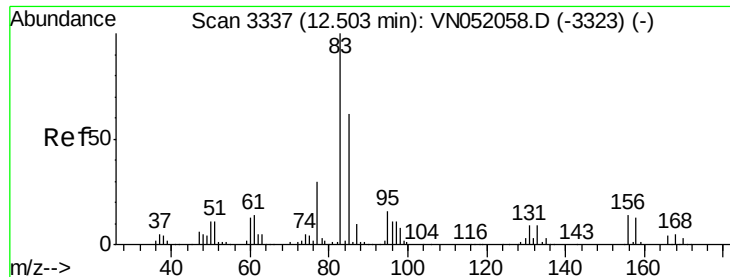
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1932.169 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

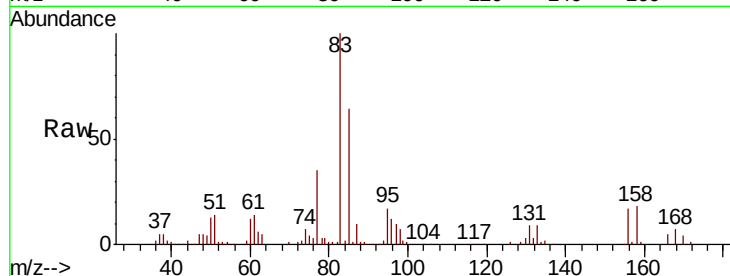
Tgt Ion: 83 Resp: 84510

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.4

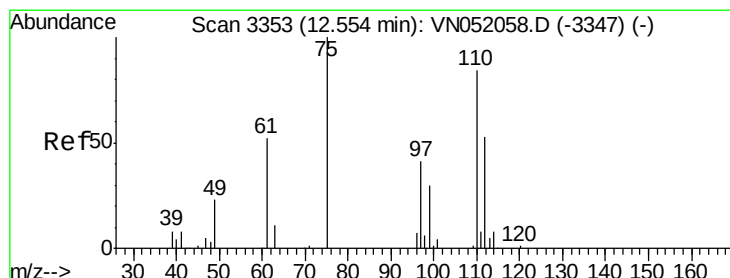
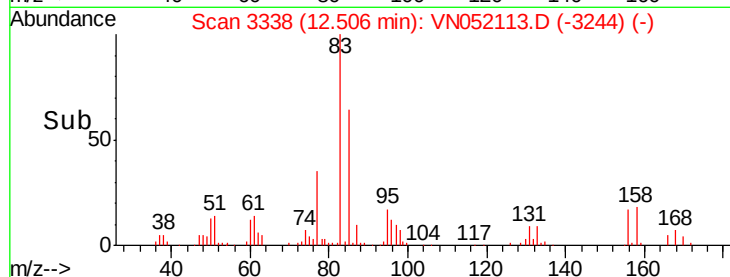
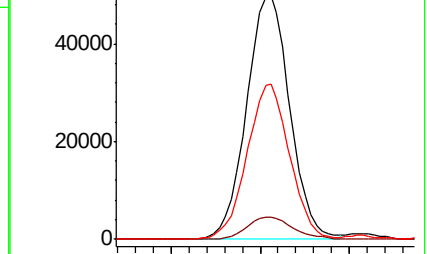
85 62.7 31.3 93.9



Abundance Ion 82.90 (82.60 to 83.60): VN052113.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN052113.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN052113.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 2538.577 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052113.D

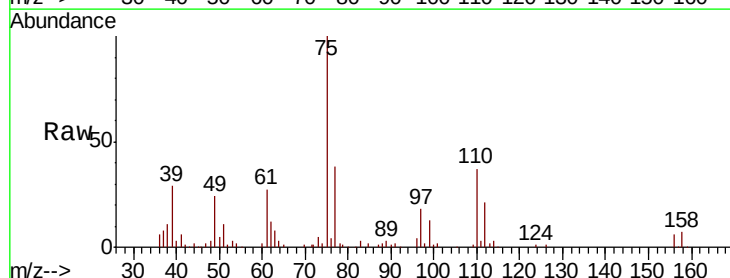
Acq: 1 Nov 2018 19:49

Tgt Ion: 75 Resp: 99120

Ion Ratio Lower Upper

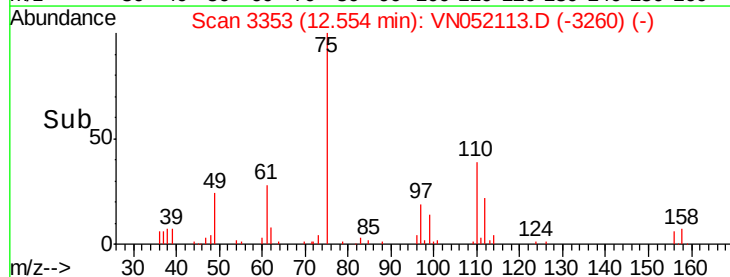
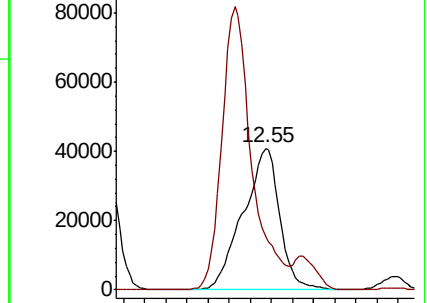
75 100

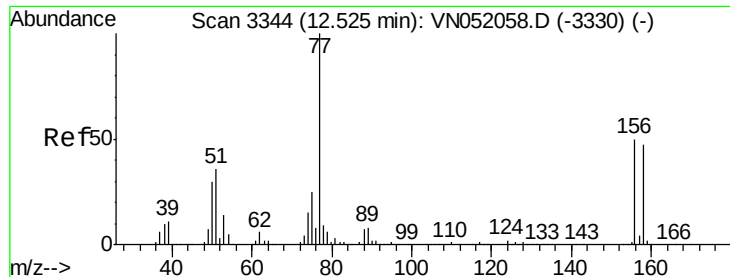
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052113.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN052113.D (-3353) (-)





#77

Bromobenzene

Concen: 1997.805 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

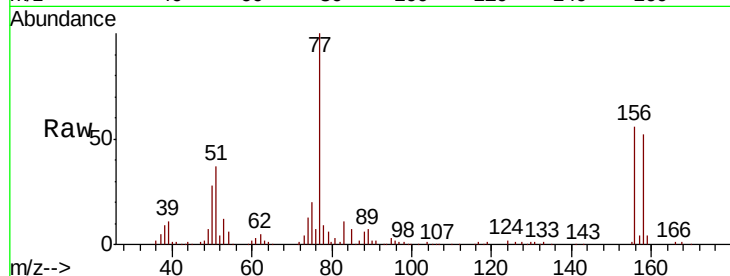
Tgt Ion:156 Resp: 76244

Ion Ratio Lower Upper

156 100

77 211.2 119.6 358.6

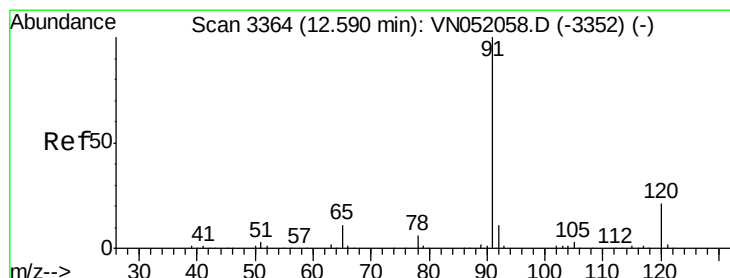
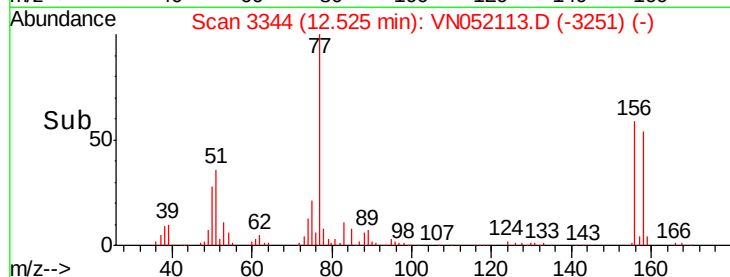
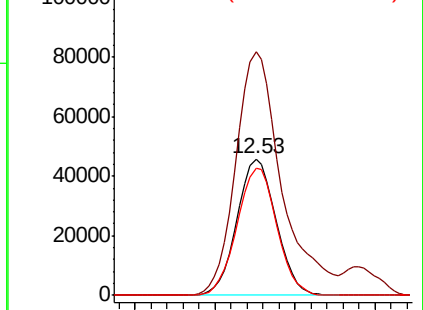
158 94.7 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1741.463 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052113.D

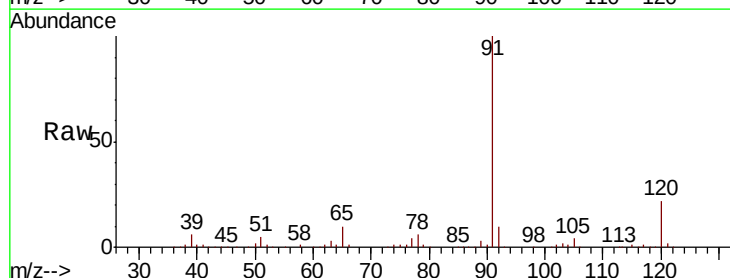
Acq: 1 Nov 2018 19:49

Tgt Ion: 91 Resp: 384896

Ion Ratio Lower Upper

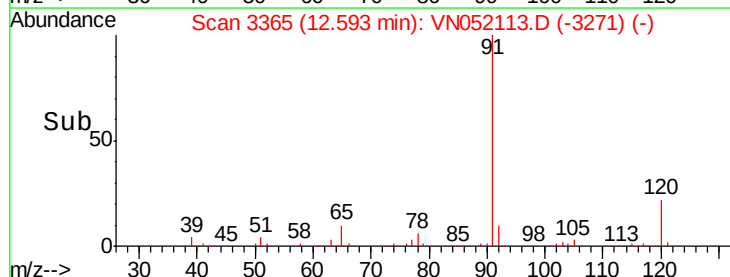
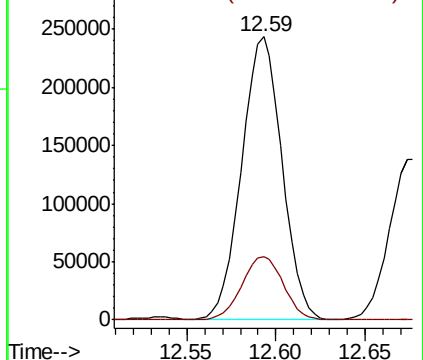
91 100

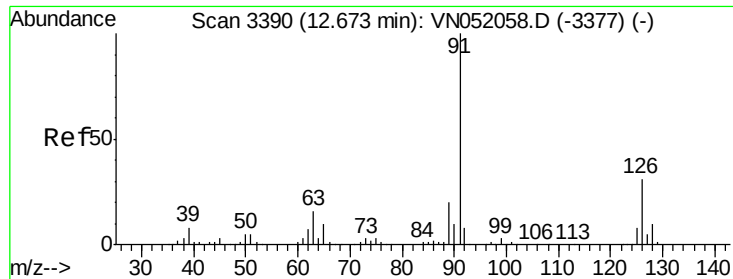
120 23.1 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

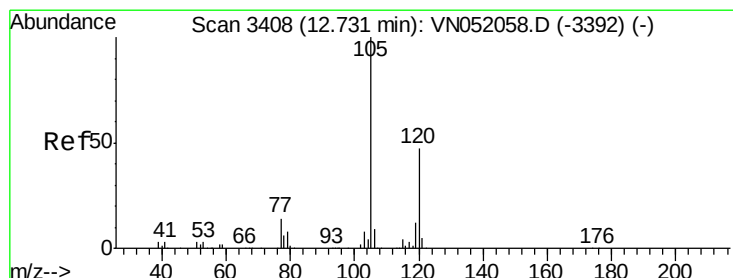
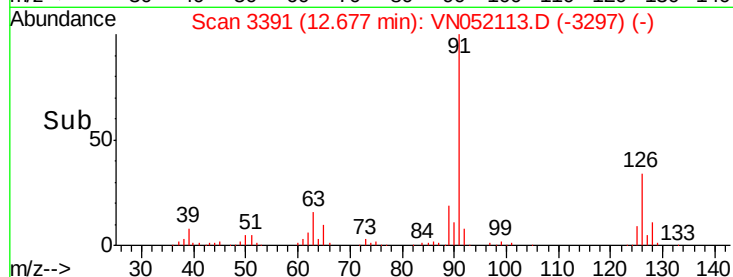
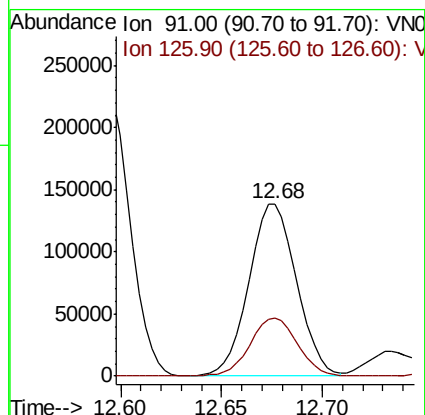
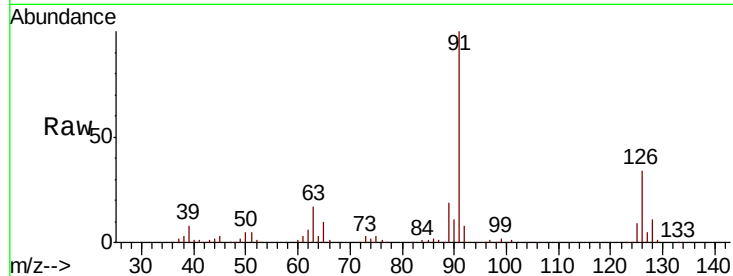




#79
 2-Chlorotoluene
 Concen: 1772.508 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

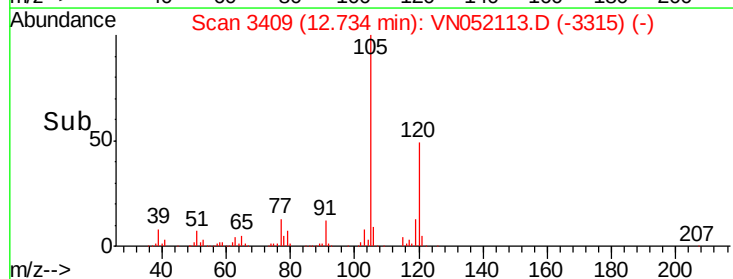
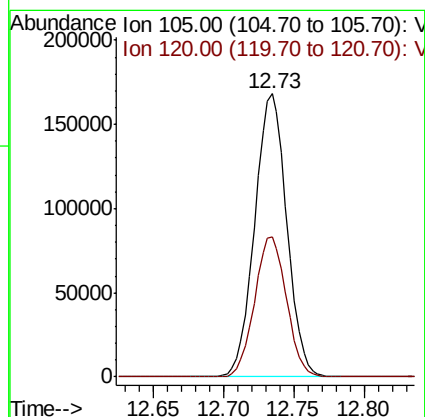
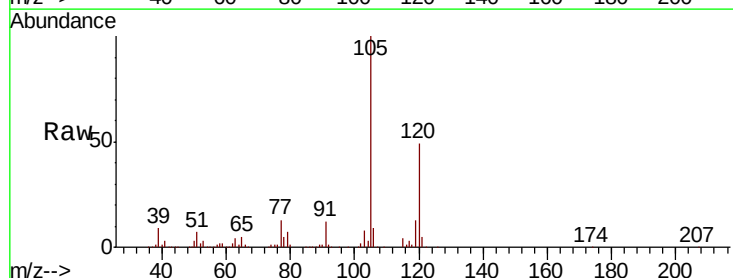
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

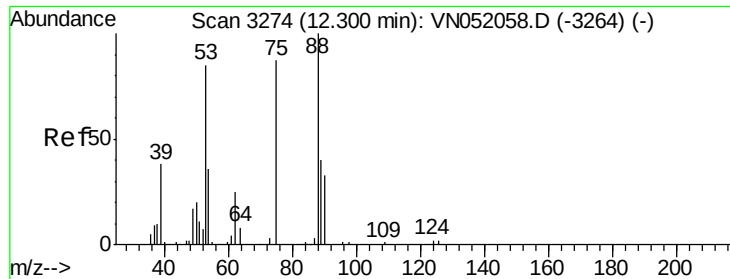
Tgt Ion: 91 Resp: 228376
 Ion Ratio Lower Upper
 91 100
 126 33.7 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1796.777 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 105 Resp: 266699
 Ion Ratio Lower Upper
 105 100
 120 49.4 23.4 70.0

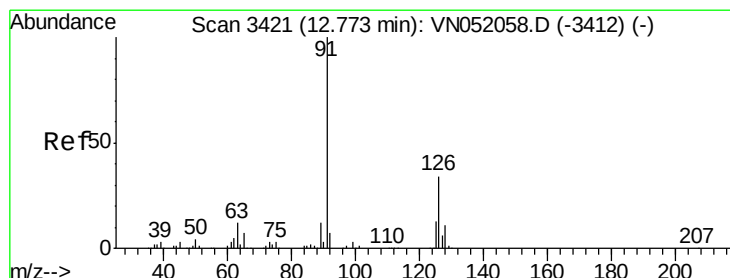
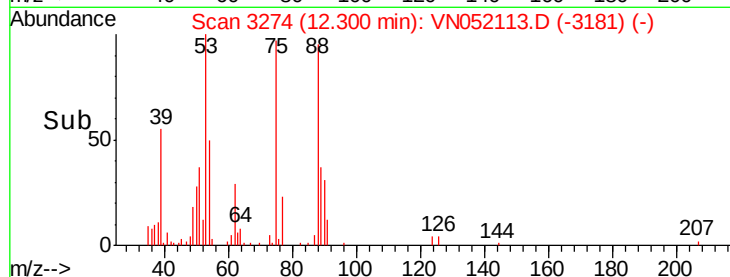
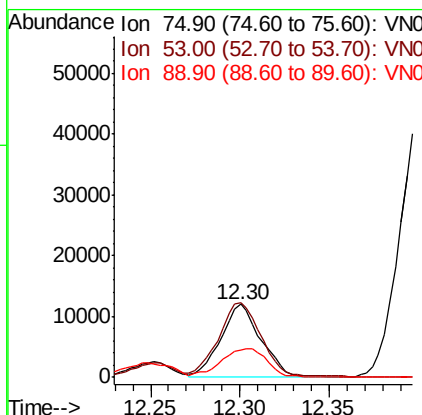
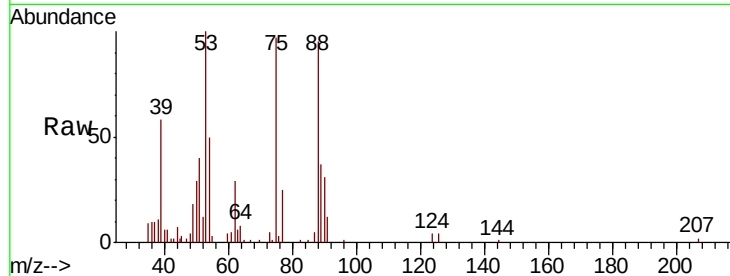




#81
trans-1,4-Dichloro-2-butene
Concen: 1600.266 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

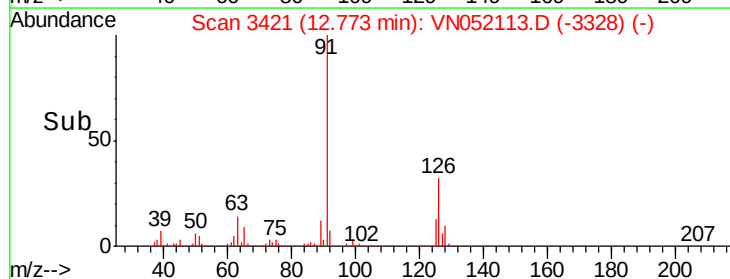
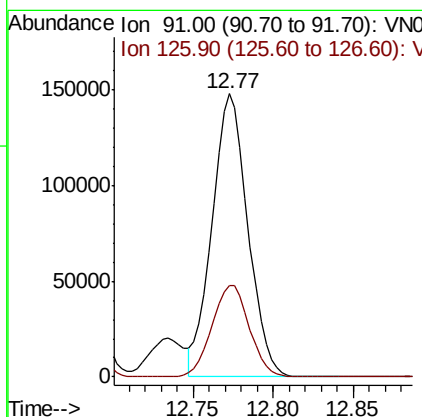
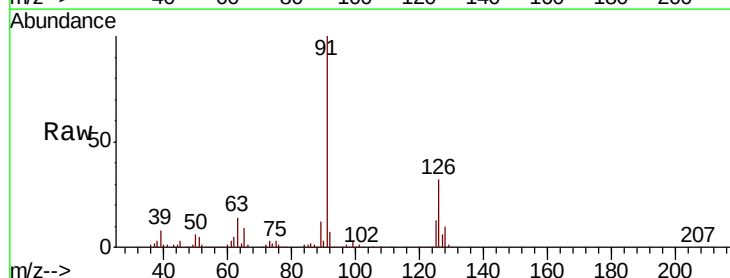
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

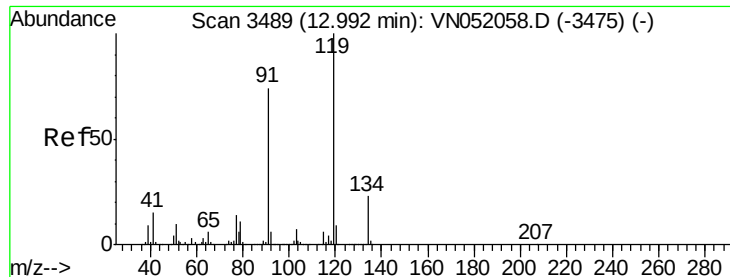
Tgt Ion: 75 Resp: 18825
Ion Ratio Lower Upper
75 100
53 104.0 81.8 122.6
89 44.5 36.6 54.8



#82
4-Chlorotoluene
Concen: 1738.462 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 91 Resp: 228409
Ion Ratio Lower Upper
91 100
126 33.8 15.7 47.1

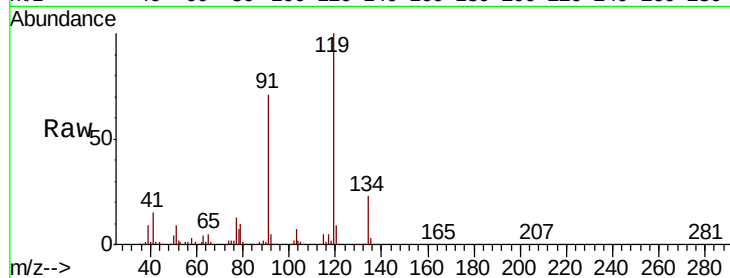




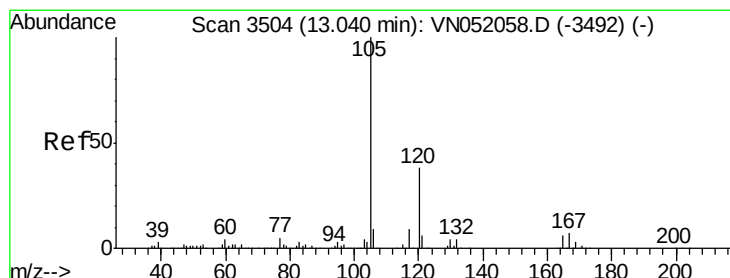
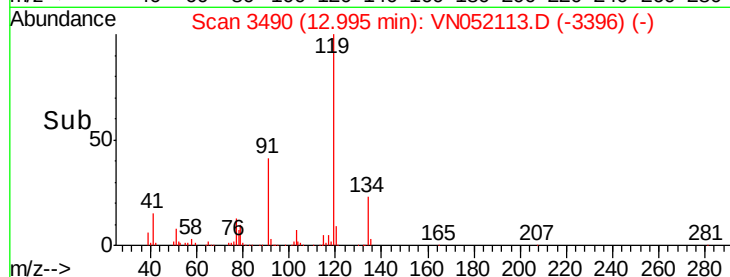
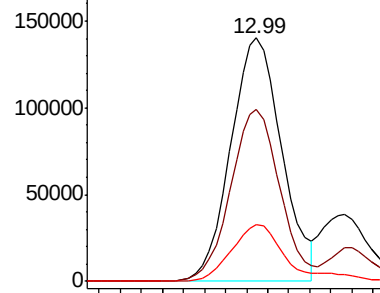
#83
 tert-Butylbenzene
 Concen: 1893.185 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:119 Resp: 236057
 Ion Ratio Lower Upper
 119 100
 91 68.3 36.6 109.9
 134 25.3 12.5 37.5

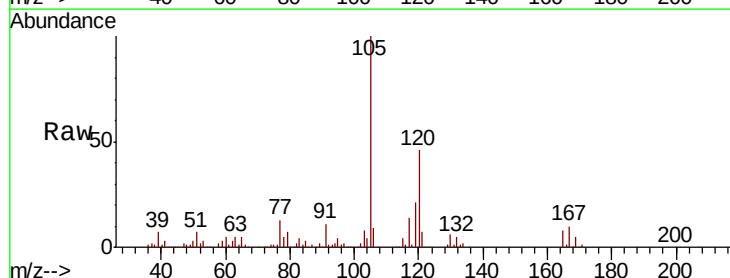


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

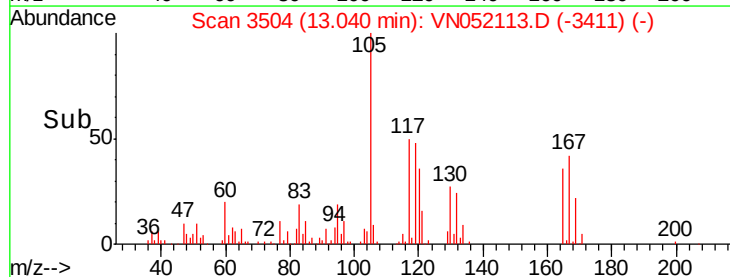
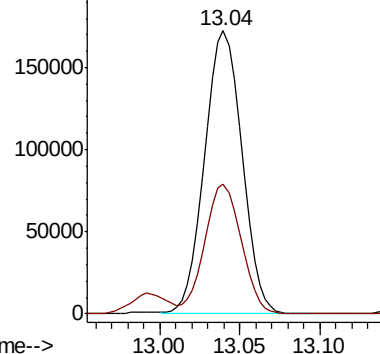


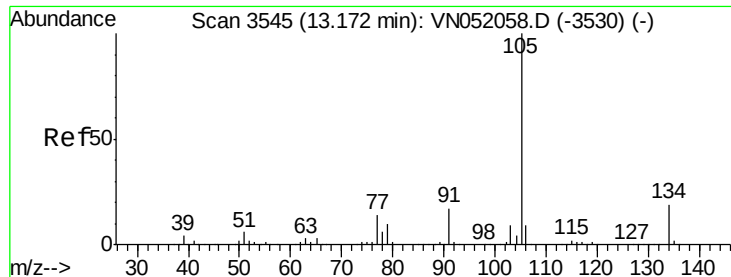
#84
 1,2,4-Trimethylbenzene
 Concen: 1864.001 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion:105 Resp: 275394
 Ion Ratio Lower Upper
 105 100
 120 44.8 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

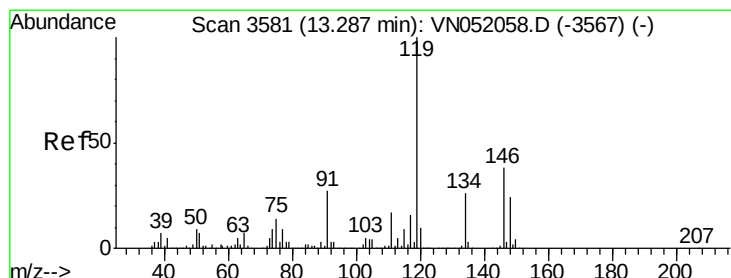
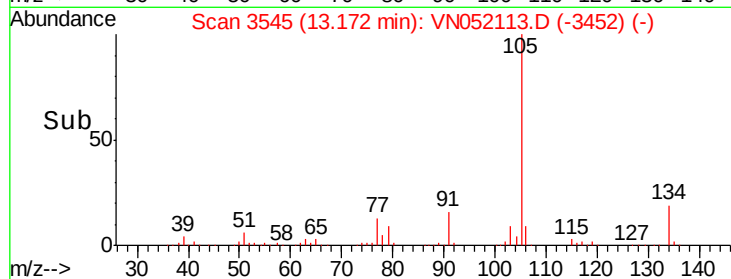
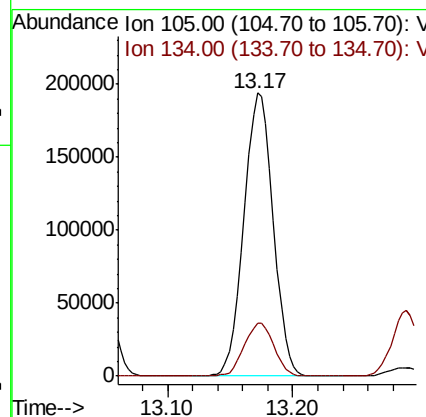
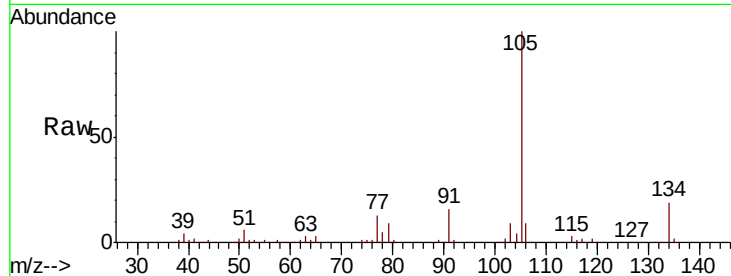




#85
 sec-Butylbenzene
 Concen: 1765.922 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

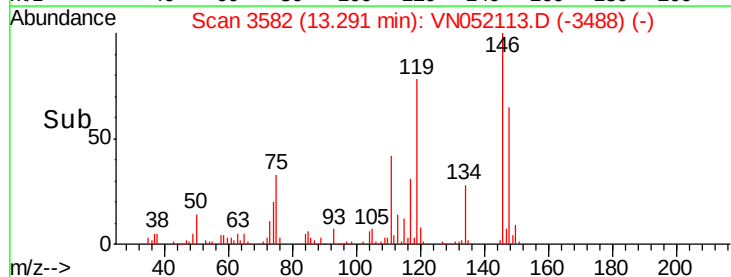
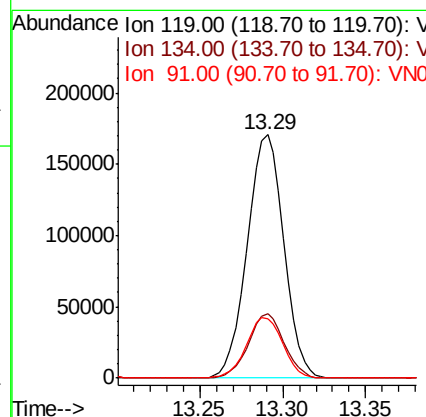
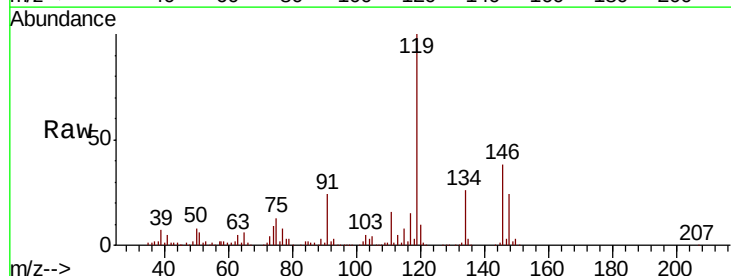
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

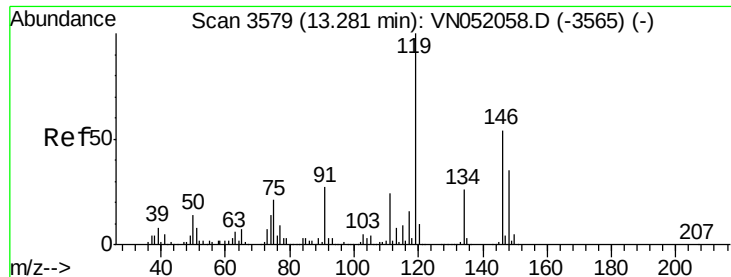
Tgt Ion:105 Resp: 314542
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 1807.619 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion:119 Resp: 262215
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 24.9 13.4 40.2

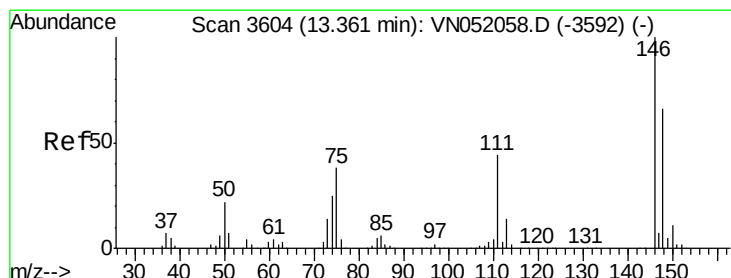
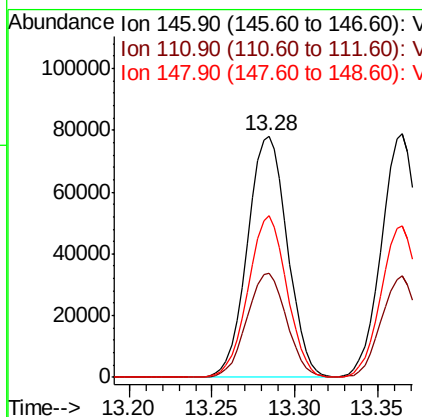
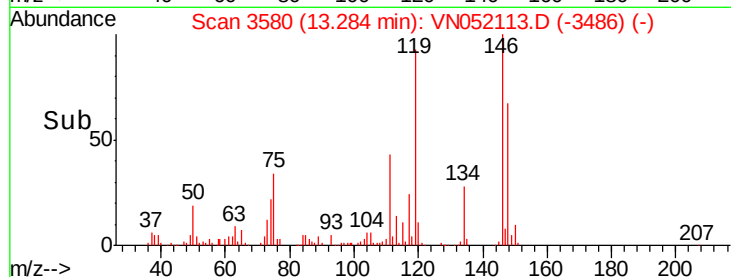
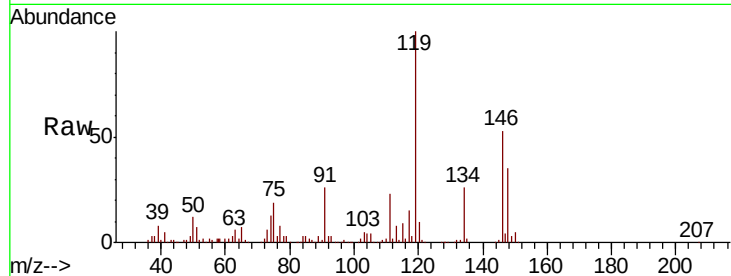




#87
 1,3-Dichlorobenzene
 Concen: 1879.076 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

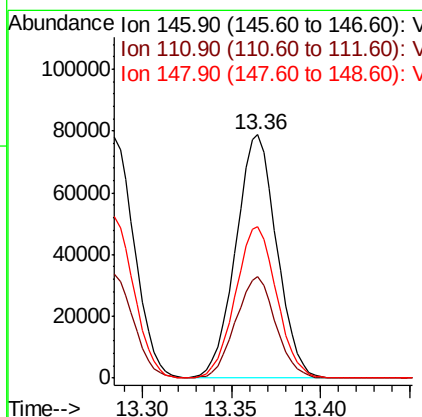
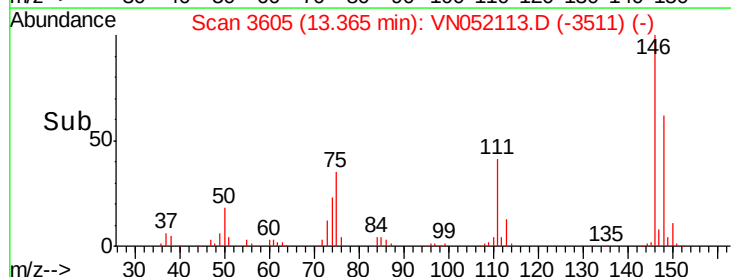
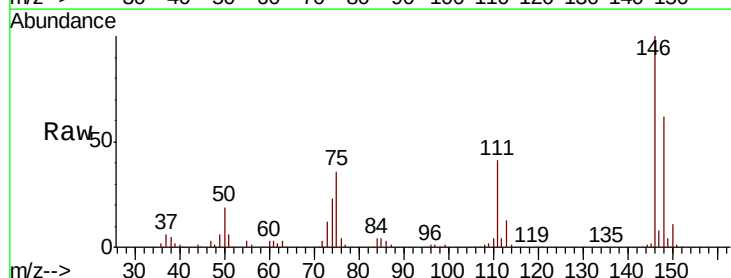
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

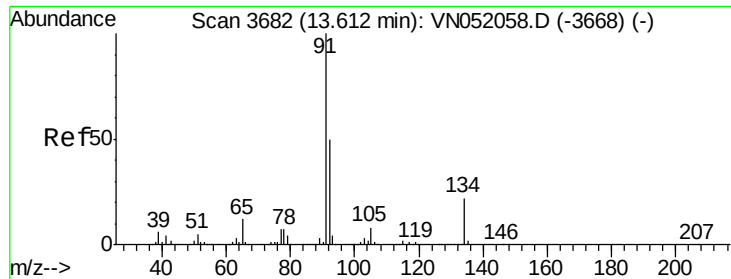
Tgt Ion:146 Resp: 130782
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.9 68.8
 148 64.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 1811.438 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion:146 Resp: 126359
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.9 65.8
 148 62.7 32.6 98.0

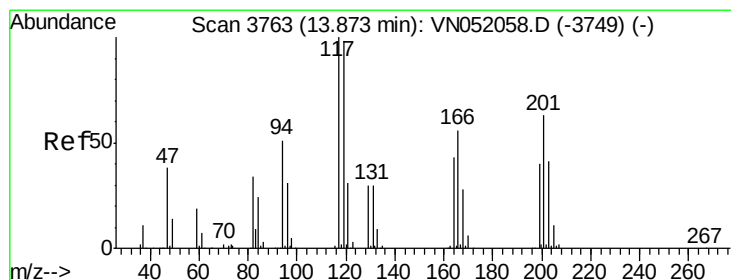
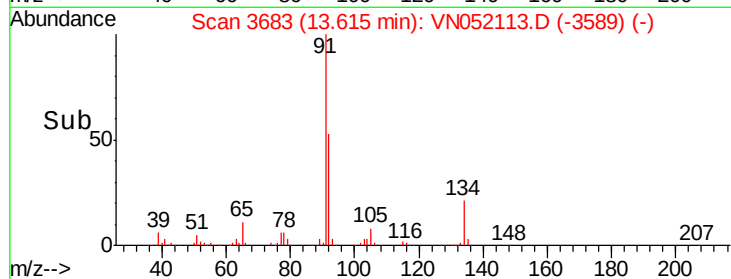
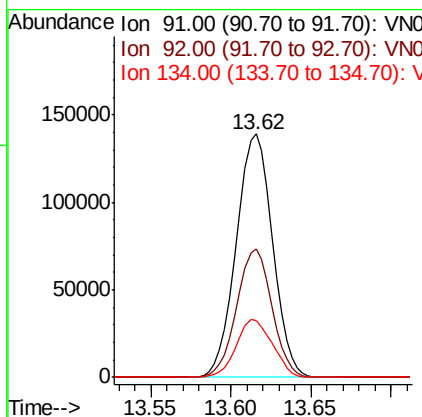
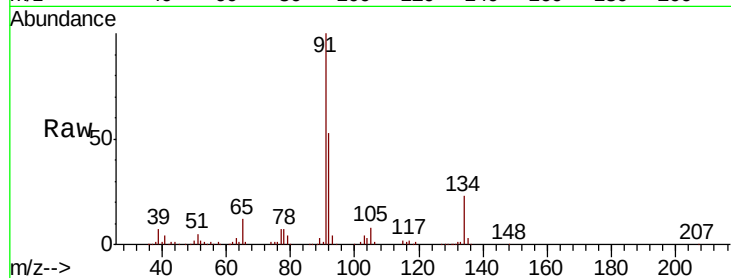




#89
n-Butylbenzene
Concen: 1554.035 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

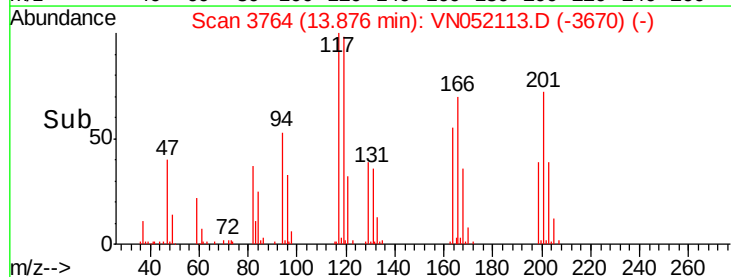
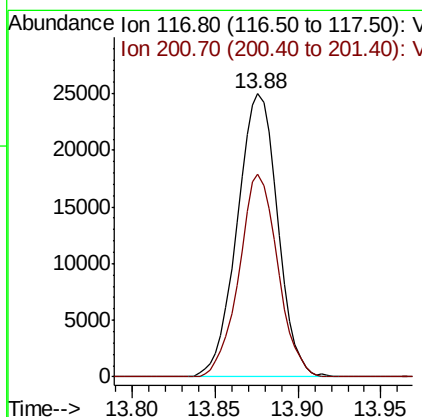
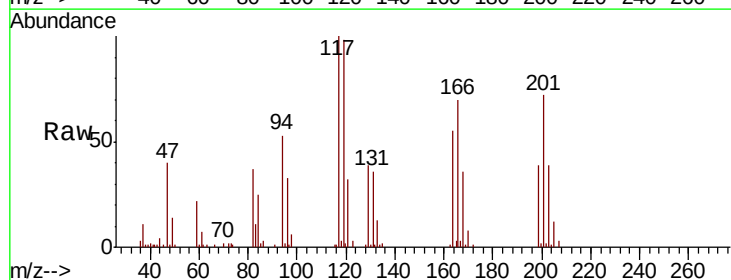
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

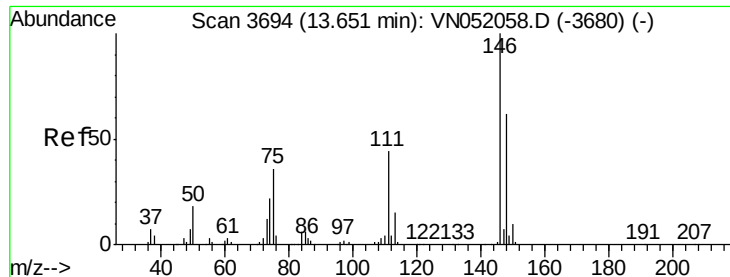
Tgt Ion: 91 Resp: 214988
Ion Ratio Lower Upper
91 100
92 51.1 25.3 75.8
134 23.6 11.2 33.5



#90
Hexachloroethane
Concen: 1710.433 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052113.D
Acq: 1 Nov 2018 19:49

Tgt Ion: 117 Resp: 42521
Ion Ratio Lower Upper
117 100
201 68.5 31.1 93.5

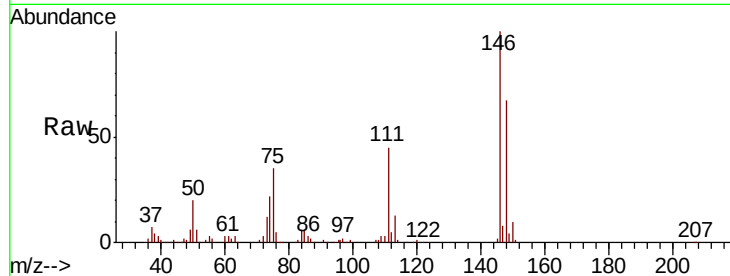




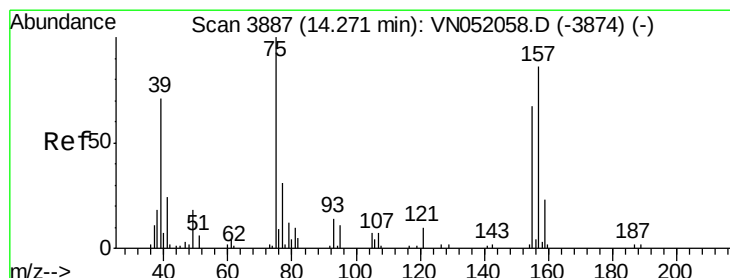
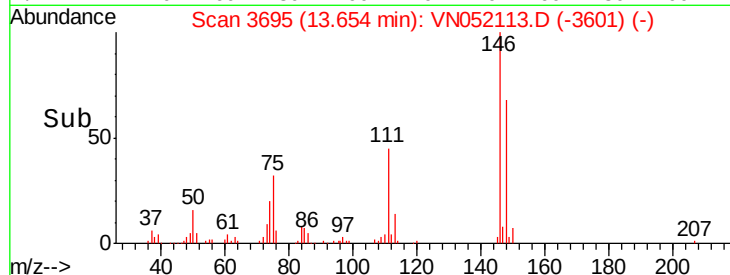
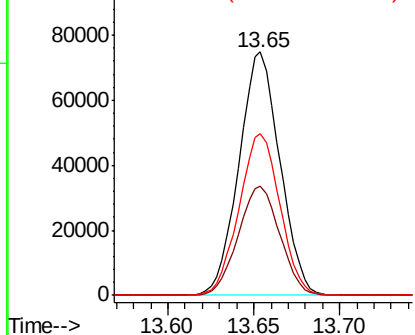
#91
 1,2-Dichlorobenzene
 Concen: 1886.120 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 146 Resp: 123420
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.5 67.5
 148 66.6 30.9 92.8

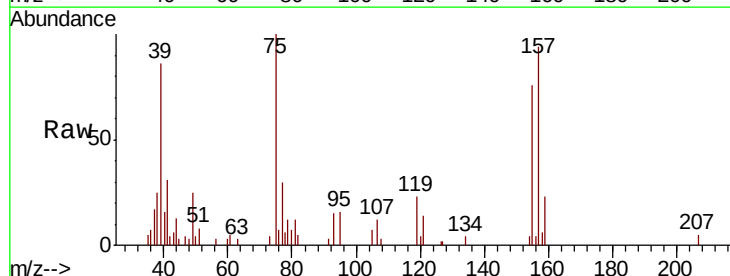


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

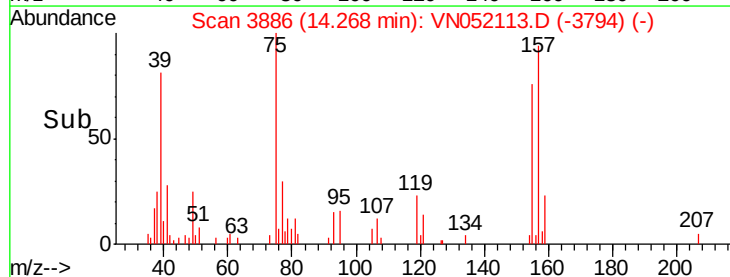
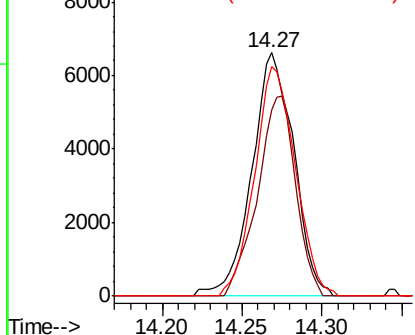


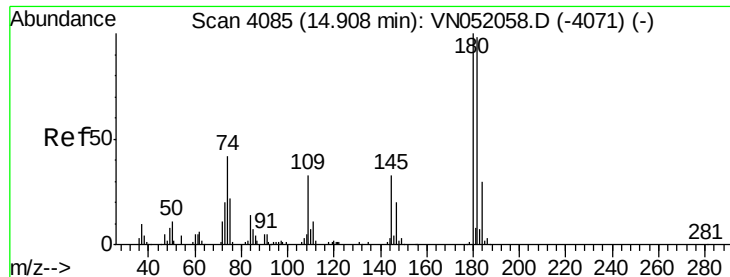
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1861.294 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion: 75 Resp: 11948
 Ion Ratio Lower Upper
 75 100
 155 74.9 34.0 102.0
 157 91.8 42.1 126.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

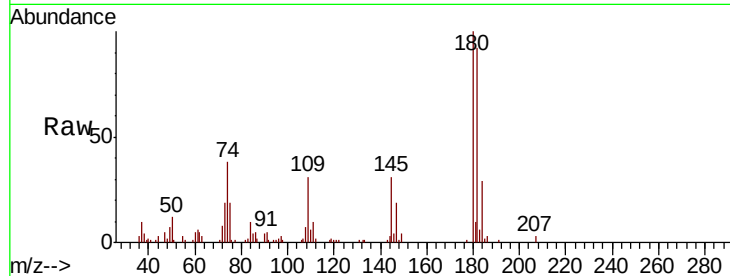




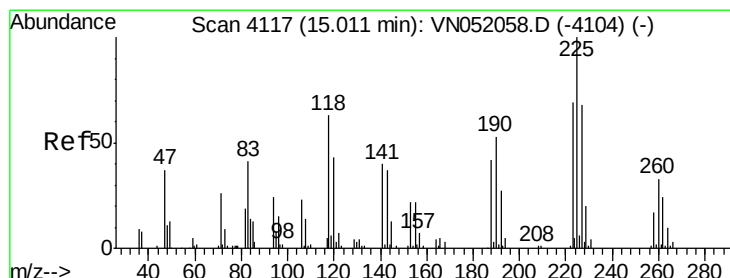
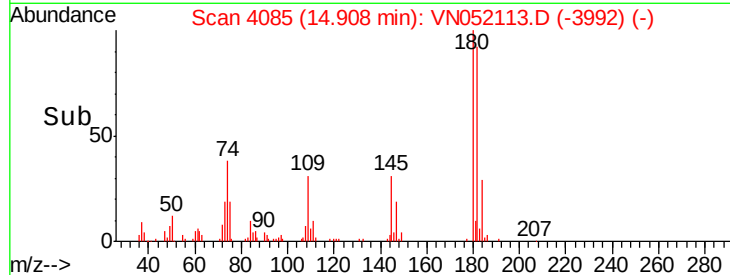
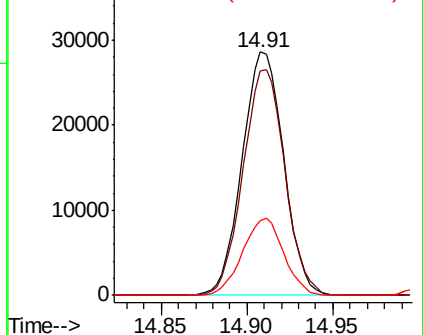
#93
 1,2,4-Trichlorobenzene
 Concen: 1968.210 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	49.1	147.4
145	31.1	16.4	49.2

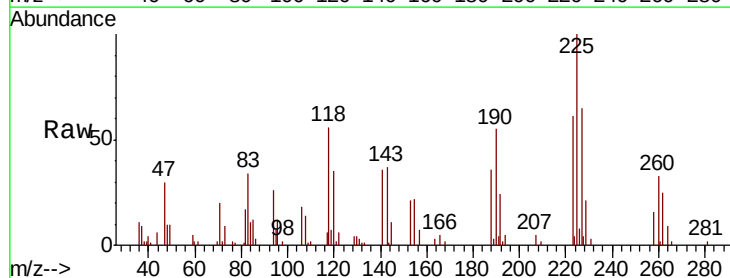


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

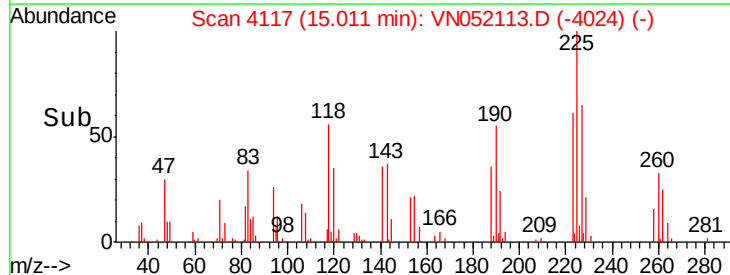
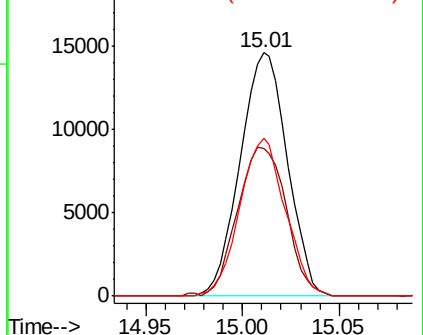


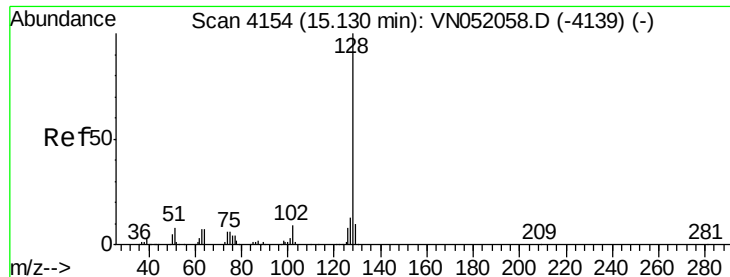
#94
 Hexachlorobutadiene
 Concen: 1813.951 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052113.D
 Acq: 1 Nov 2018 19:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	33.1	99.3
227	62.6	32.6	97.8



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: 2015.148 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

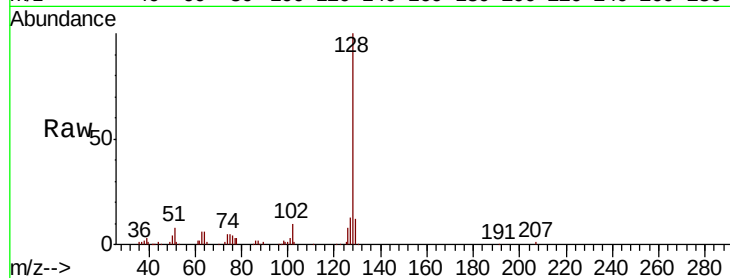
Tgt Ion:128 Resp: 123159

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

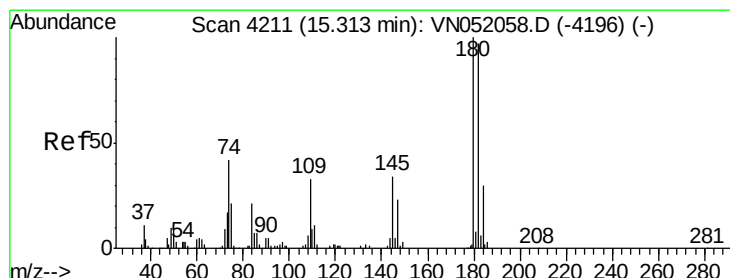
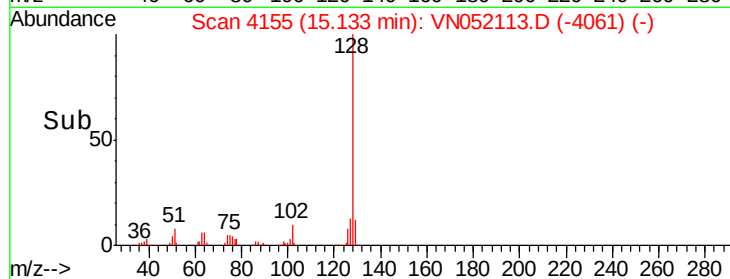
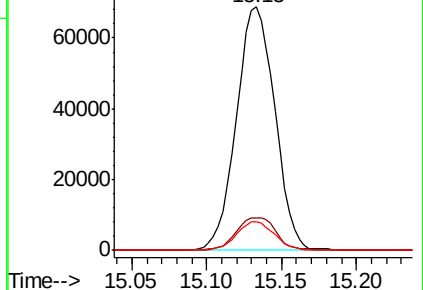
129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1992.813 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052113.D

Acq: 1 Nov 2018 19:49

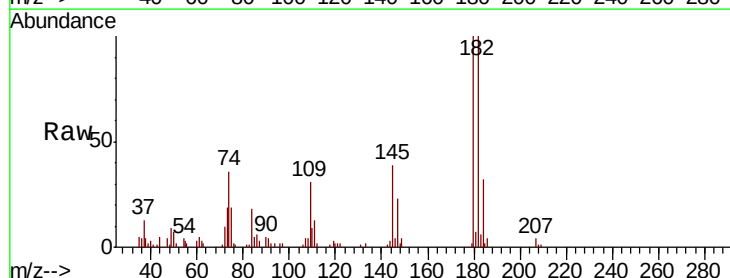
Tgt Ion:180 Resp: 41903

Ion Ratio Lower Upper

180 100

182 97.6 47.2 141.6

145 35.2 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

