

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050717.D
 Acq On : 17 Aug 2018 9:12
 Operator : MD\SY
 Sample : VN0817WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 17 14:21:27 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA N\methods\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	115838	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	617690	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	551557	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	225436	28.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.43%
60) 4-Bromofluorobenzene	12.40	95	248463	29.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.73%
63) Toluene-d8	10.09	98	785952	29.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	122441	15.338	ug/l 97
3) Chloromethane	2.06	50	162877	19.790	ug/l 97
4) Vinyl Chloride	2.18	62	164411	18.763	ug/l 95
5) Bromomethane	2.57	94	98367	18.416	ug/l 100
6) Chloroethane	2.70	64	100999	19.490	ug/l 99
7) Trichlorofluoromethane	3.01	101	219214	19.145	ug/l 98
8) Diethyl Ether	3.41	74	71794	18.693	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	139467	20.023	ug/l 99
10) 1,1-Dichloroethene	3.73	96	122402	19.819	ug/l 94
11) Methyl Iodide	3.95	142	81136	8.928	ug/l 96
12) Methyl Acetate	4.33	43	111185	15.716	ug/l 100
13) Acrolein	3.61	56	35282	80.695	ug/l 100
14) Acrylonitrile	4.99	53	205390	87.002	ug/l 99
15) Acetone	3.81	58	64209	102.342	ug/l 83
16) Carbon Disulfide	4.05	76	367577	19.448	ug/l 99
17) Allyl chloride	4.32	41	189821	19.462	ug/l 95
18) Methylene Chloride	4.55	84	144554	20.283	ug/l 98
19) trans-1,2-Dichloroethene	5.04	96	133769	20.231	ug/l 96
20) Diisopropyl ether	5.95	45	415794	20.790	ug/l 97
21) 1,1-Dichloroethane	5.85	63	255439	20.313	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	147611	20.130	ug/l 100
23) tert-Butyl Alcohol	4.80	59	36573	69.332	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	307556	18.260	ug/l 99
25) Chloroform	7.37	83	258600	20.314	ug/l 98
26) Cyclohexane	7.65	56	204448	20.459	ug/l # 97
29) 1,1-Dichloropropene	7.79	75	188908	19.706	ug/l 99
30) 2-Butanone	6.84	43	287838	95.688	ug/l 99
31) 2,2-Dichloropropane	6.83	77	200042	18.879	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	216741	19.209	ug/l 99
33) Carbon Tetrachloride	7.77	117	196235	19.510	ug/l 99
34) Benzene	8.04	78	580519	19.940	ug/l 98
35) Methacrylonitrile	7.17	41	57502	16.789	ug/l 97
36) 1,2-Dichloroethane	8.12	62	179389	18.767	ug/l 100
37) Trichloroethene	8.84	130	151450	19.835	ug/l 96
38) Methylcyclohexane	9.08	83	195361	19.332	ug/l 99
39) 1,2-Dichloropropane	9.12	63	151715	19.782	ug/l 100
40) Dibromomethane	9.21	93	88903	18.756	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050717.D
 Acq On : 17 Aug 2018 9:12
 Operator : MD\SY
 Sample : VN0817WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 17 14:21:27 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA N\methods\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

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

41) Bromodichloromethane	9.40	83	193685	19.372	ug/l	96
42) Vinyl Acetate	5.90	43	1276566	90.183	ug/l	100
43) Ethyl Acetate	6.93	43	105157	16.741	ug/l #	91
44) Isopropyl Acetate	8.17	43	188716	16.218	ug/l	99
45) 1,4-Dioxane	9.20	88	24839	324.396	ug/l	96
46) Methyl methacrylate	9.20	41	88668	15.719	ug/l	97
47) n-amyl Acetate	12.07	43	144065	15.911	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	180219	18.911	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	214703	19.174	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	126625	18.611	ug/l	97
51) Ethyl methacrylate	10.43	69	140094	16.965	ug/l	97
52) 1,3-Dichloropropane	10.71	76	212164	18.990	ug/l	99
53) Dibromochloromethane	10.90	129	142584	18.466	ug/l	98
54) 1,2-Dibromoethane	11.01	107	121967	18.304	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	305739	81.805	ug/l	99
56) Bromoform	12.13	173	95203	17.462	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	663120	103.323	ug/l	99
59) 2-Hexanone	10.75	43	421185	96.196	ug/l	100
61) Tetrachloroethene	10.63	164	141753	18.974	ug/l	99
62) Toluene	10.16	91	621731	19.757	ug/l	100
64) Chlorobenzene	11.43	112	379180	19.871	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	144903	19.468	ug/l	99
66) Ethyl Benzene	11.51	91	624380	19.416	ug/l	100
67) m/p-Xylenes	11.62	106	497793	40.223	ug/l	98
68) o-Xylene	11.95	106	233652	19.843	ug/l	99
69) Styrene	11.96	104	374541	19.842	ug/l	99
70) Isopropylbenzene	12.25	105	623439	19.880	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	156906	18.223	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	177637	24.156	ug/l	59
73) Bromobenzene	12.53	156	156810	18.771	ug/l	98
74) n-propylbenzene	12.59	91	707198	19.363	ug/l	99
75) 2-Chlorotoluene	12.67	91	431400	19.665	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	517578	20.094	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	34249	14.245	ug/l	95
78) 4-Chlorotoluene	12.77	91	427264	19.654	ug/l	98
79) tert-butylbenzene	12.99	119	431035	19.573	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	521169	19.971	ug/l	98
81) sec-Butylbenzene	13.17	105	578051	19.323	ug/l	99
82) p-Isopropyltoluene	13.29	119	495400	19.409	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	271912	18.693	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	253783	18.462	ug/l	99
85) n-Butylbenzene	13.62	91	365493	17.644	ug/l	99
86) Hexachloroethane	13.87	117	94502	18.527	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	265922	18.703	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	19641	14.643	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	106543	15.688	ug/l	99
90) Hexachlorobutadiene	15.01	225	85370	19.066	ug/l	96
91) Naphthalene	15.13	128	189289	16.532	ug/l	98
92) 1,2,3-Trichlorobenzene	15.32	180	108442	15.701	ug/l	99

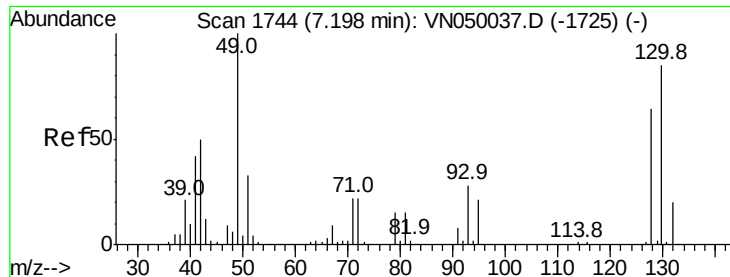
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050717.D
Acq On : 17 Aug 2018 9:12
Operator : MD\SY
Sample : VN0817WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 17 14:21:27 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA N\methods\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 2018
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampled :

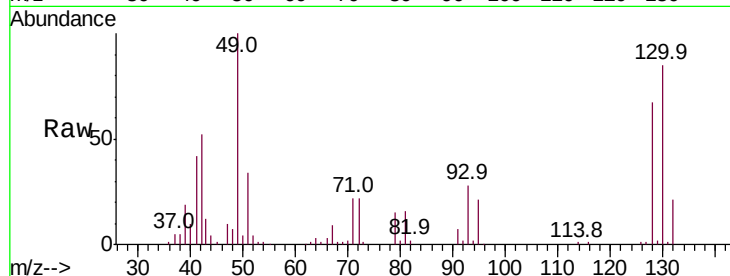
Tot Ion:128 Resp: 115838

Ion Ratio Lower Upper

128 100

49 153.4 0.0 378.3

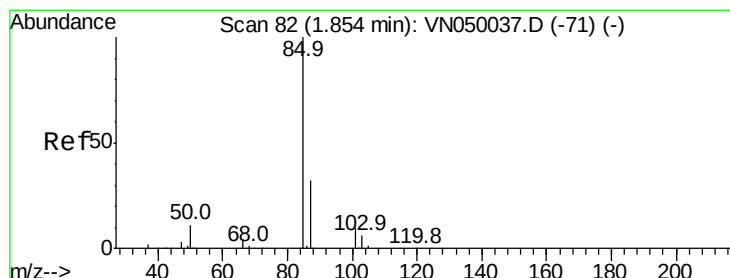
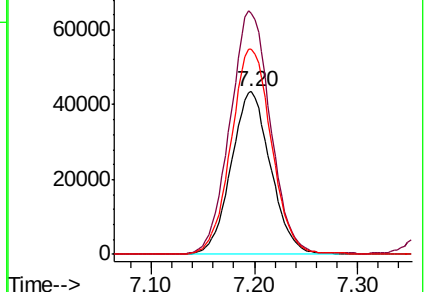
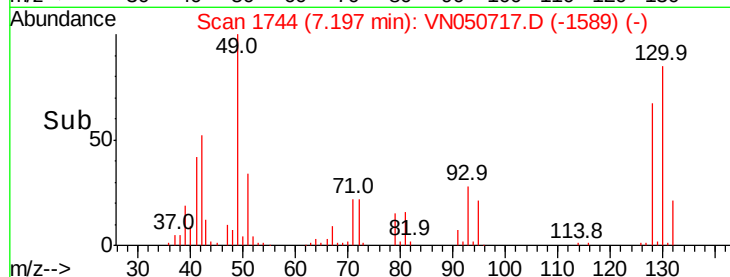
130 129.8 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 15.338 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050717.D

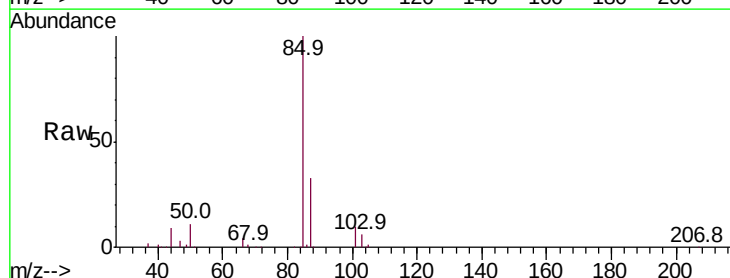
Acq: 17 Aug 2018 9:12

Tgt Ion: 85 Resp: 122441

Ion Ratio Lower Upper

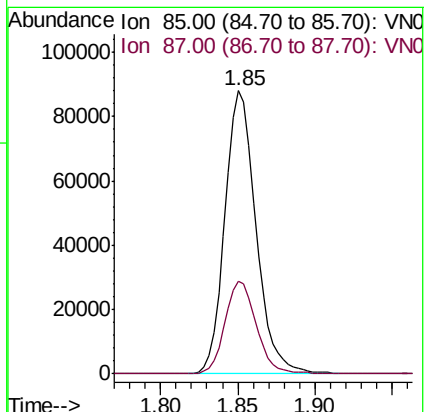
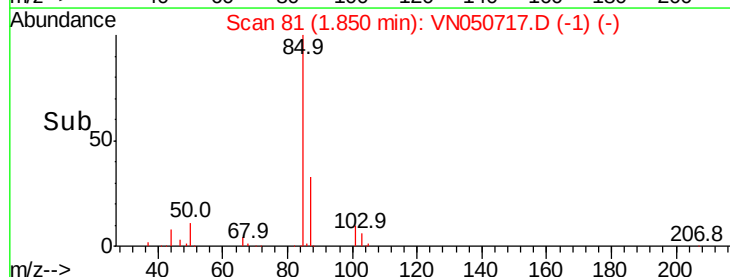
85 100

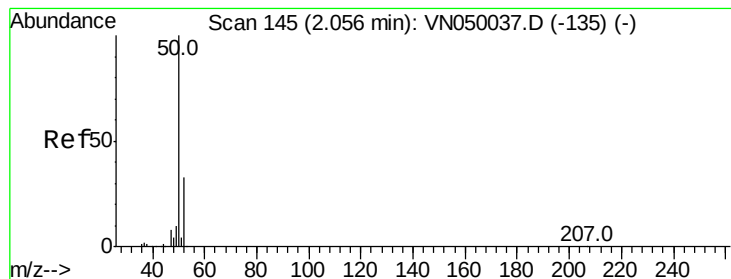
87 32.8 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.790 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

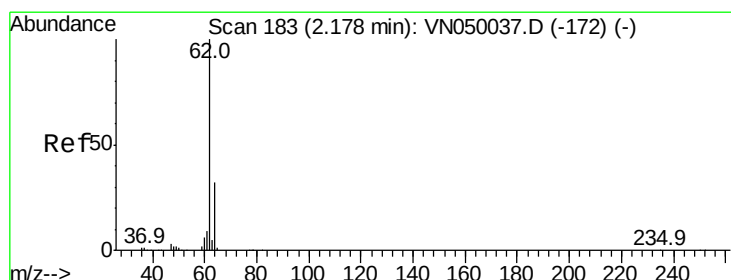
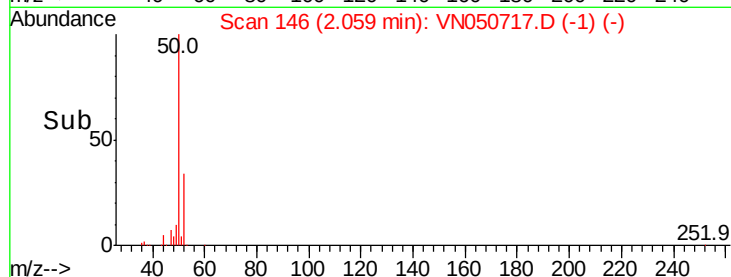
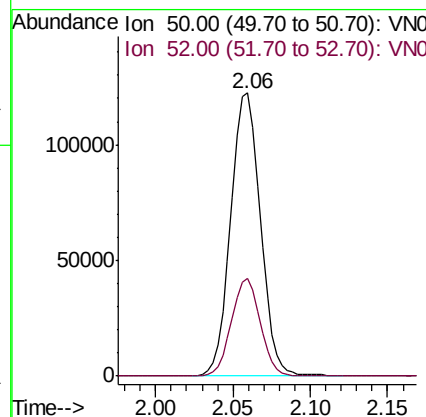
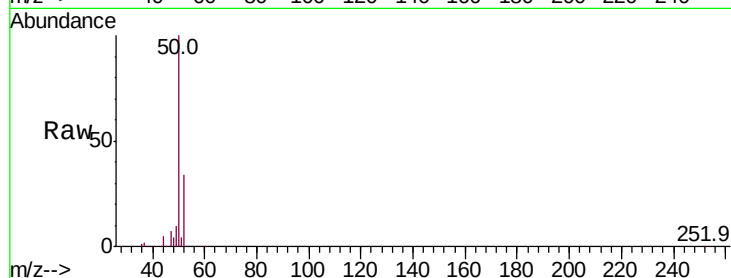
ClientSampled :

Tot Ion: 50 Resp: 162877

Ion Ratio Lower Upper

50 100

52 34.3 26.1 39.1



#4

Vinyl Chloride

Concen: 18.763 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.01 min

Lab File: VN050717.D

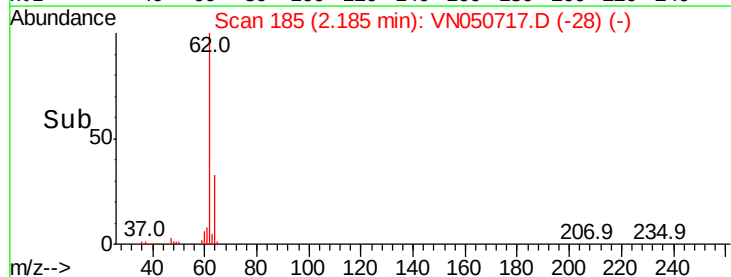
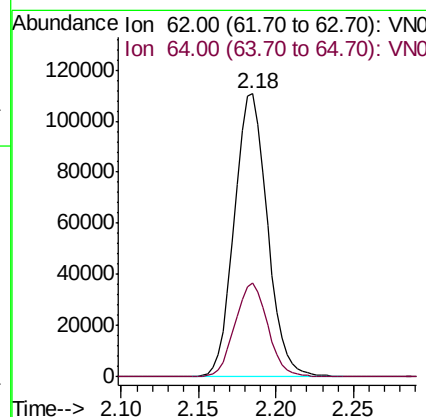
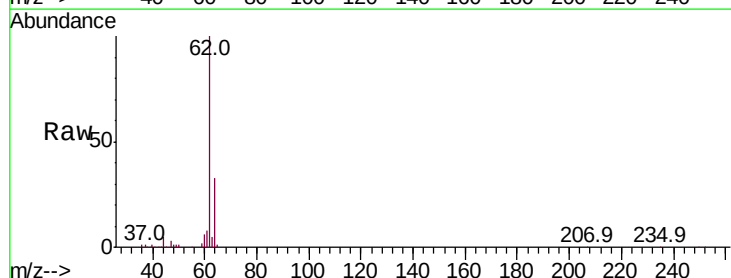
Acq: 17 Aug 2018 9:12

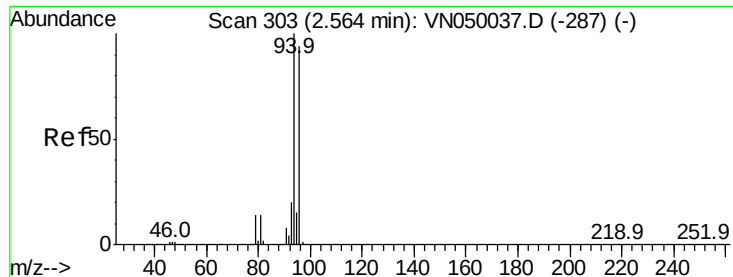
Tgt Ion: 62 Resp: 164411

Ion Ratio Lower Upper

62 100

64 33.1 24.4 36.6





#5

Bromomethane

Concen: 18.416 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

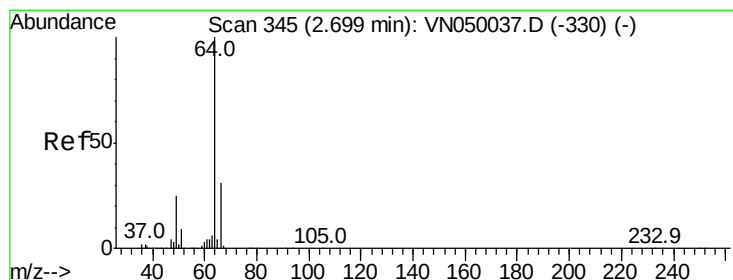
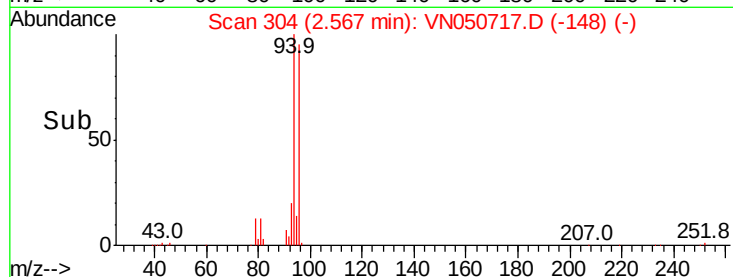
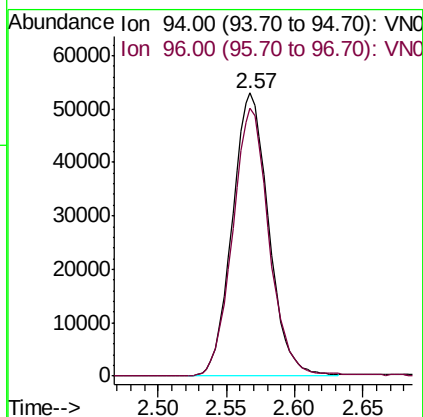
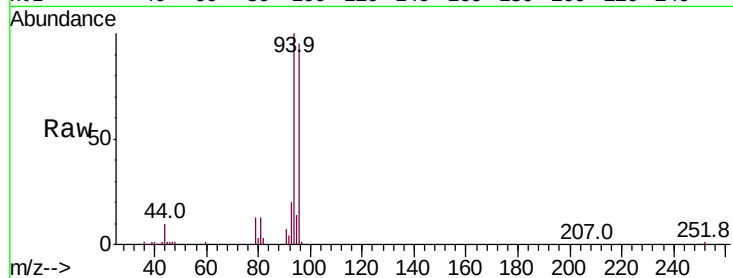
ClientSampled :

Tot Ion: 94 Resp: 98367

Ion Ratio Lower Upper

94 100

96 94.5 75.9 113.9



#6

Chloroethane

Concen: 19.490 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050717.D

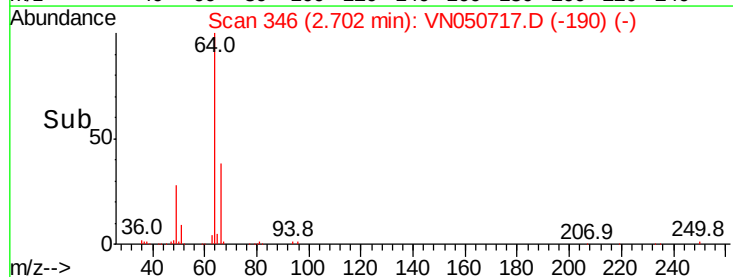
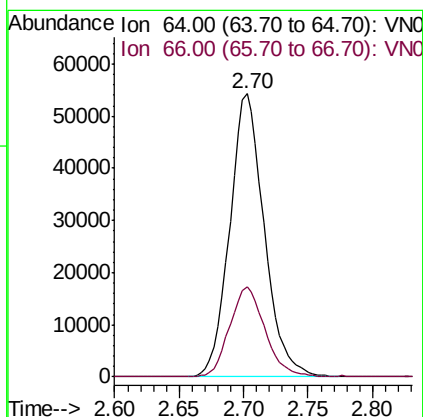
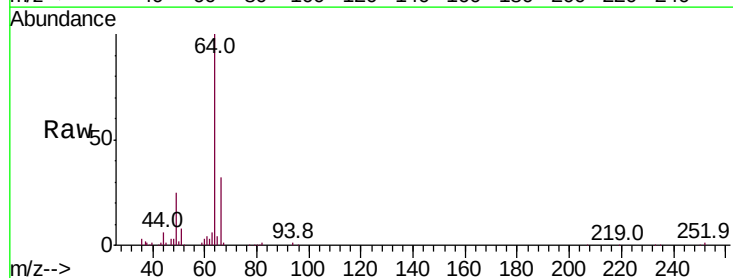
Acq: 17 Aug 2018 9:12

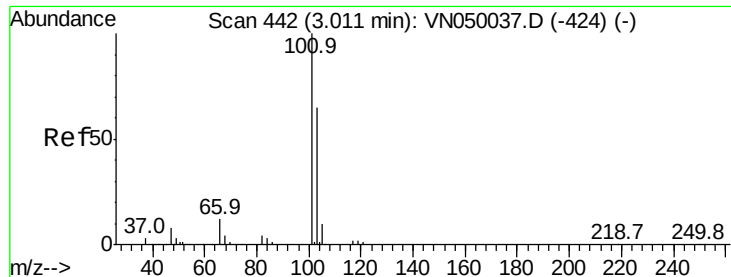
Tgt Ion: 64 Resp: 100999

Ion Ratio Lower Upper

64 100

66 31.7 25.0 37.4



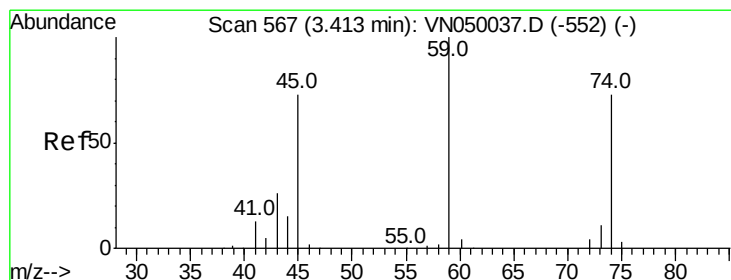
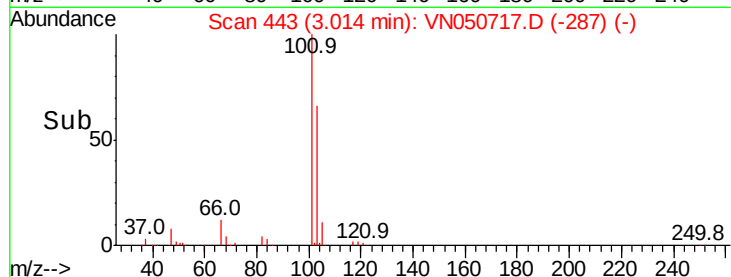
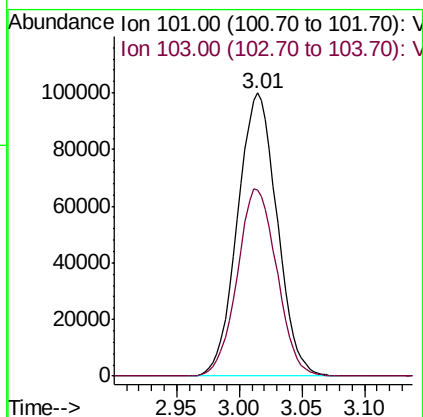
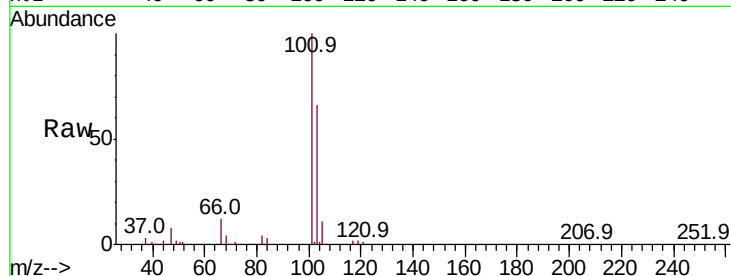


#7

Trichlorofluoromethane
 Concen: 19.145 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Instrument :
 MSVOA_N
 ClientSampled :

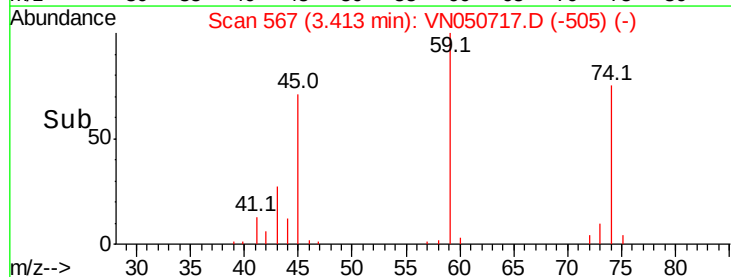
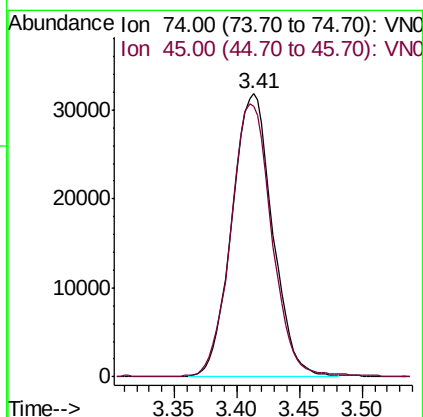
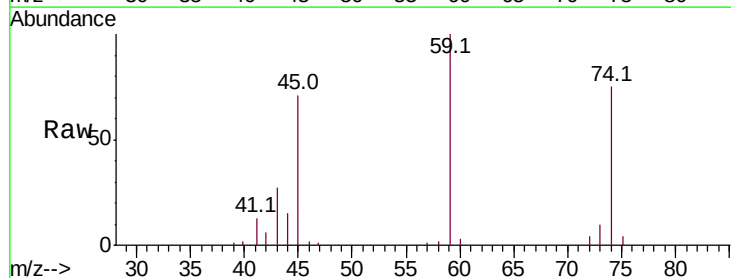
Tot Ion:101 Resp: 219214
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.5 77.3

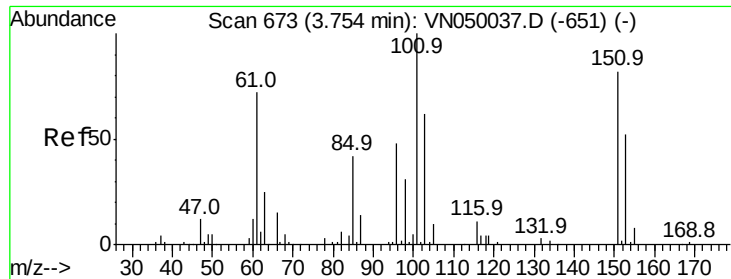


#8

Diethyl Ether
 Concen: 18.693 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion: 74 Resp: 71794
 Ion Ratio Lower Upper
 74 100
 45 97.2 18.7 167.9

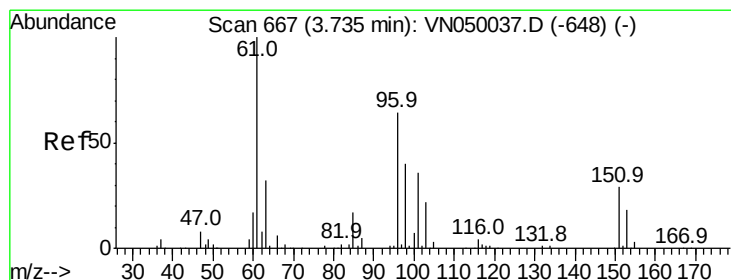
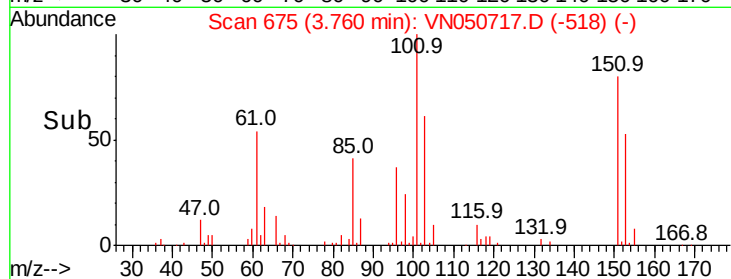
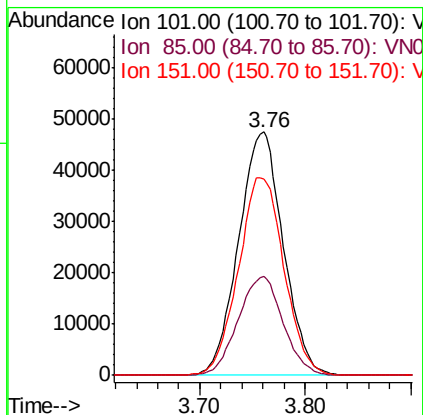
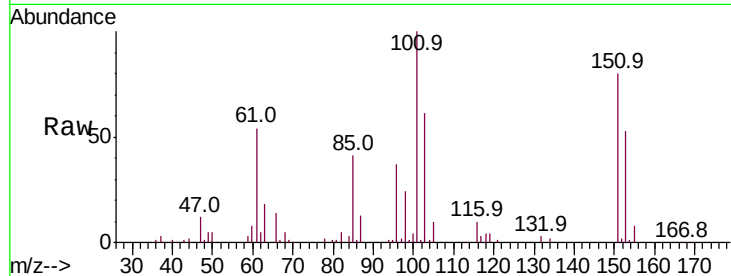




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.023 ug/l
 RT: 3.76 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

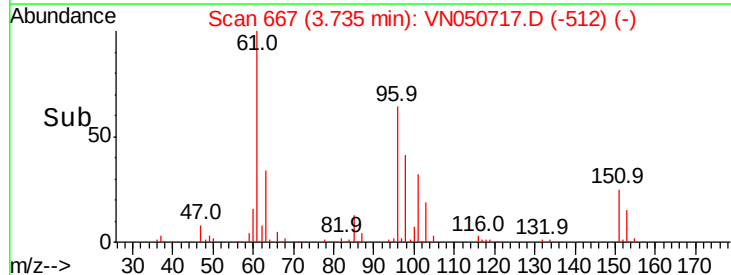
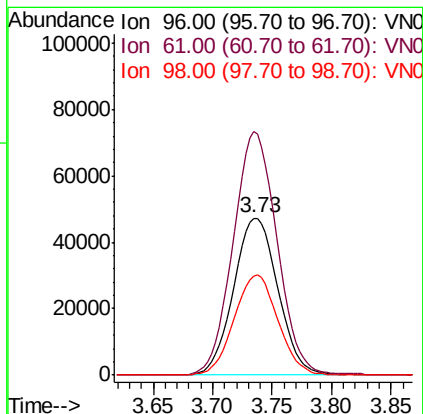
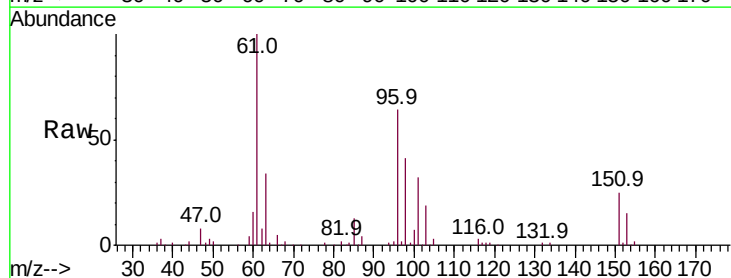
Instrument :
 MSVOA_N
 ClientSampleId :

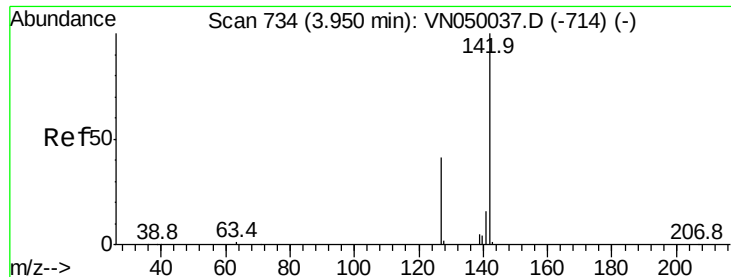
Tot Ion	Ratio	Lower	Upper
101	100		
85	40.9	0.0	83.0
151	83.1	0.0	166.8



#10
 1,1-Dichloroethene
 Concen: 19.819 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.7	130.6	195.8
98	62.9	53.5	80.3

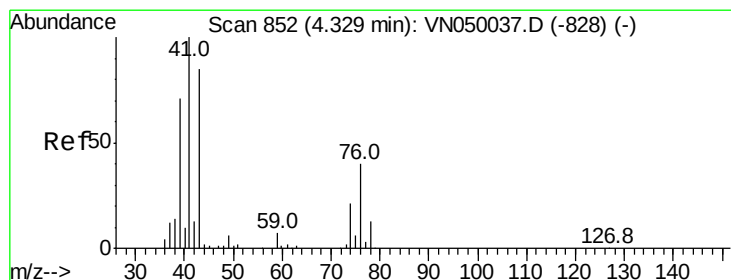
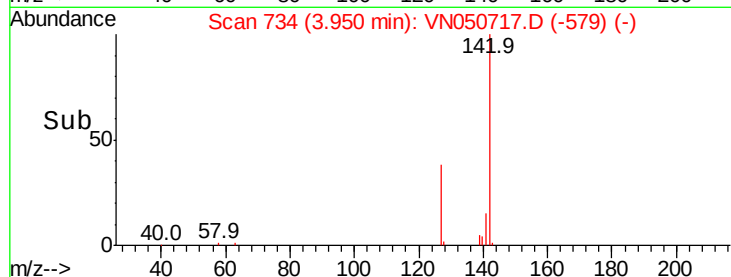
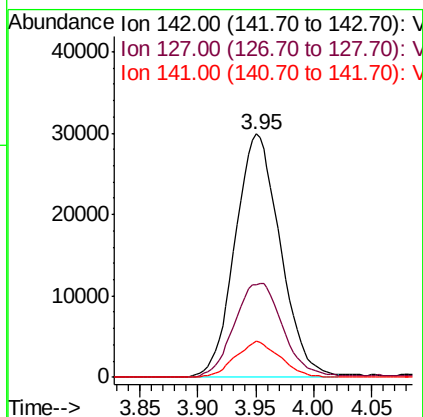
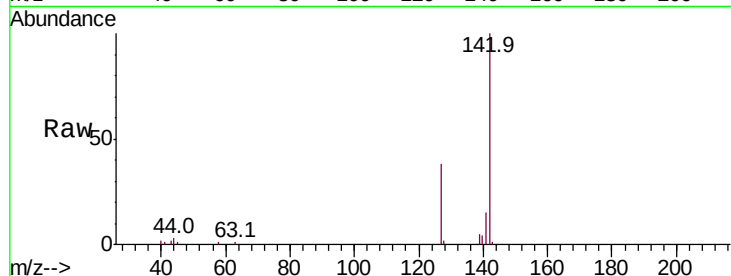




#11
Methvl Iodide
Concen: 8.928 ug/l
RT: 3.95 min Scan# 734
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

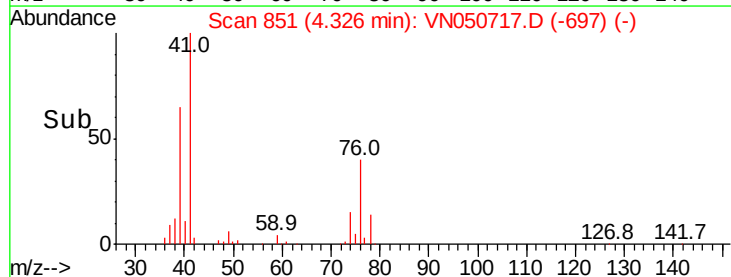
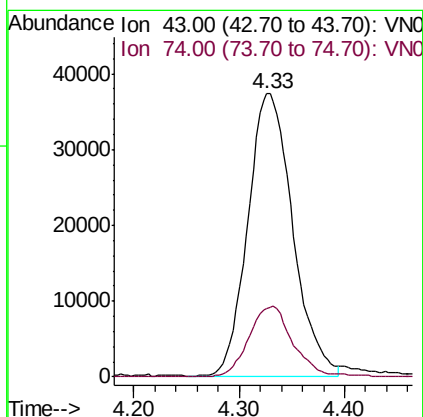
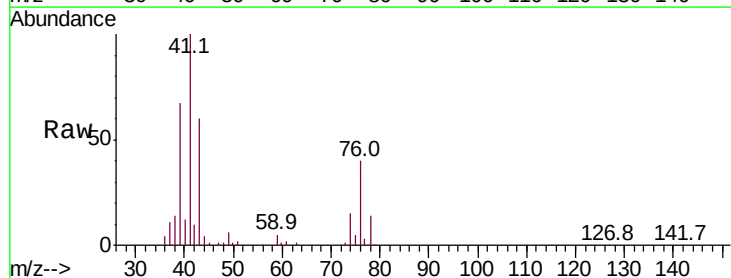
Instrument :
MSVOA_N
ClientSampleId :

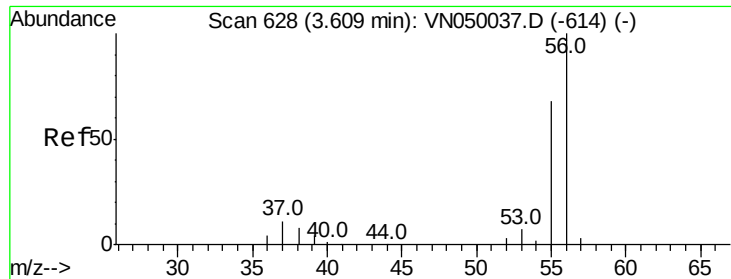
Tot Ion:142 Resp: 81136
Ion Ratio Lower Upper
142 100
127 37.9 20.2 60.5
141 14.7 6.9 20.6



#12
Methyl Acetate
Concen: 15.716 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion: 43 Resp: 111185
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9





#13

Acrolein

Concen: 80.695 ug/l

RT: 3.61 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

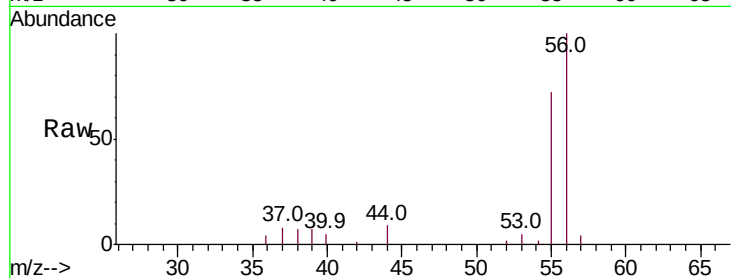
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 35282

Ion Ratio Lower Upper

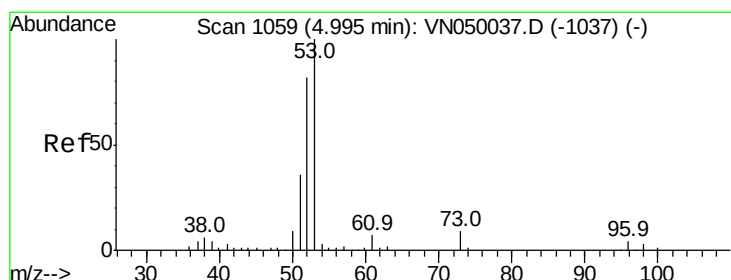
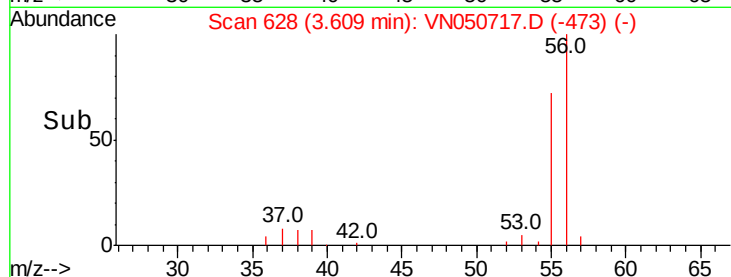
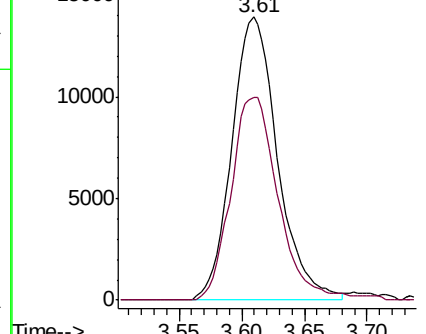
56 100

55 73.1 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 87.002 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

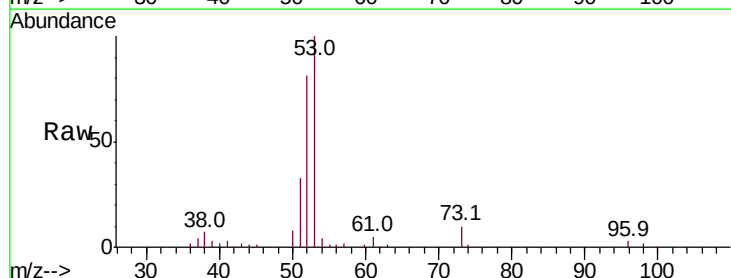
Tgt Ion: 53 Resp: 205390

Ion Ratio Lower Upper

53 100

52 82.3 41.5 124.5

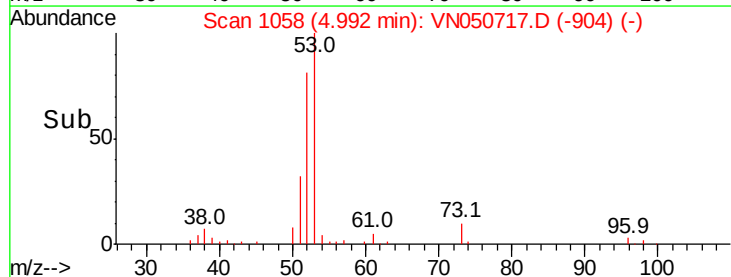
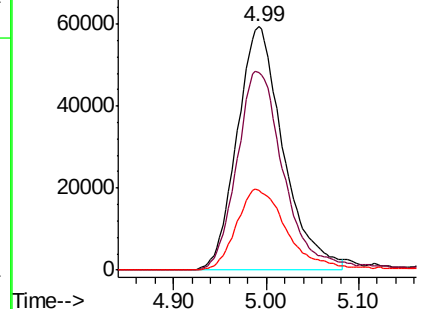
51 36.5 18.7 56.1

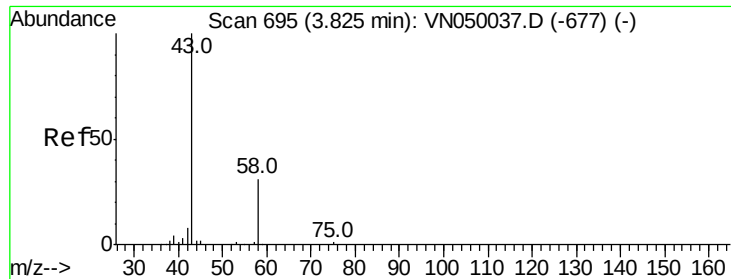


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 102.342 ug/l

RT: 3.81 min Scan# 692

Delta R.T. -0.01 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

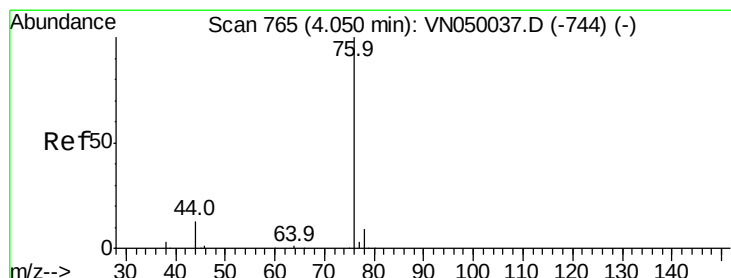
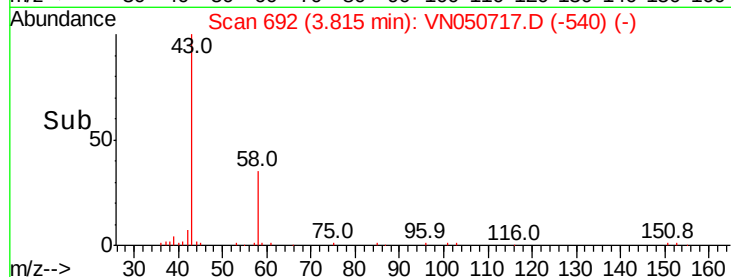
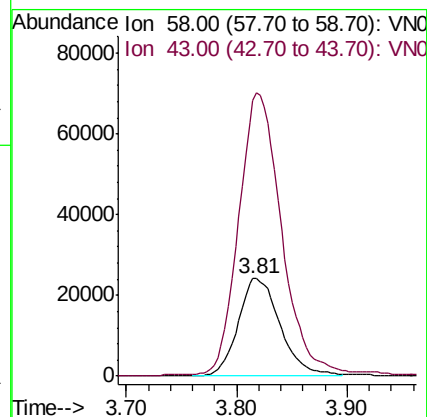
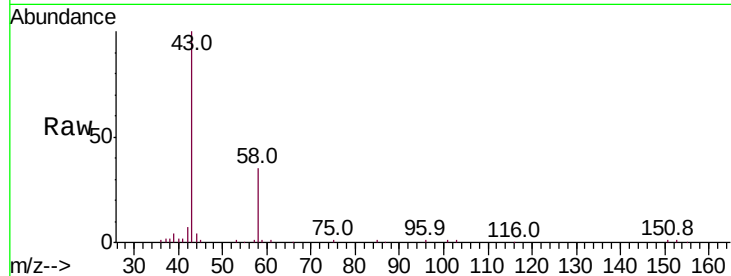
ClientSampleId :

Tot Ion: 58 Resp: 64209

Ion Ratio Lower Upper

58 100

43 279.9 252.0 378.0



#16

Carbon Disulfide

Concen: 19.448 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050717.D

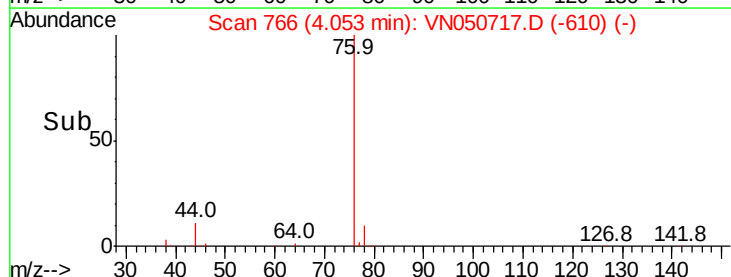
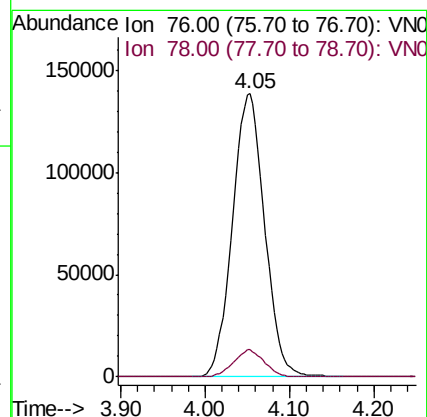
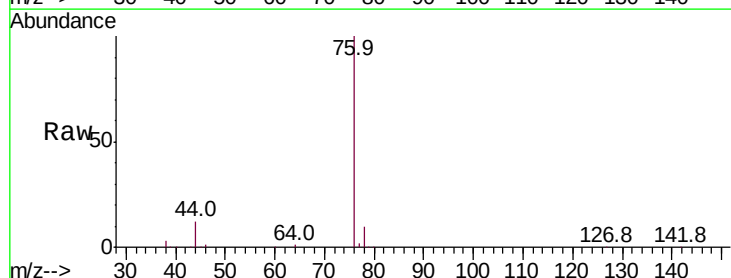
Acq: 17 Aug 2018 9:12

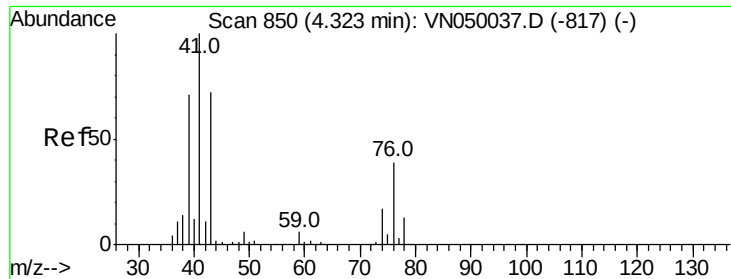
Tgt Ion: 76 Resp: 367577

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

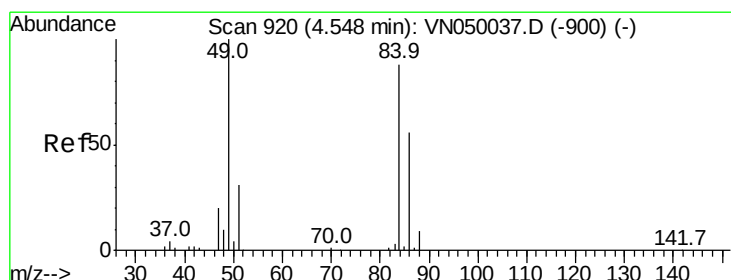
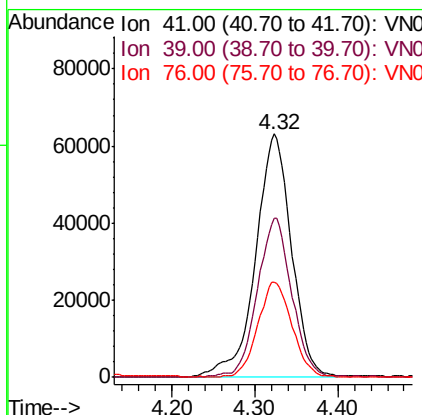
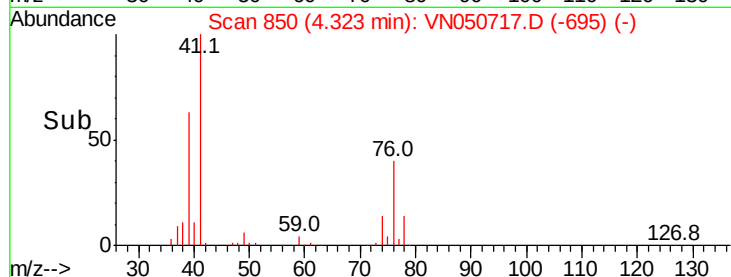
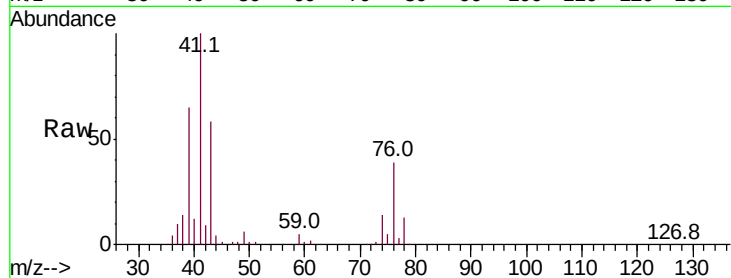




#17
Allvl chloride
Concen: 19.462 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

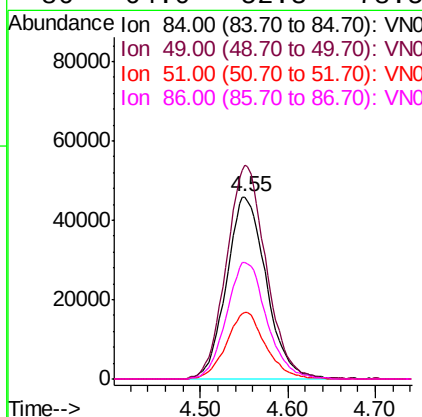
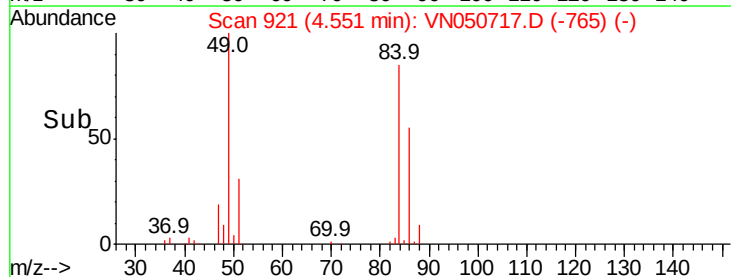
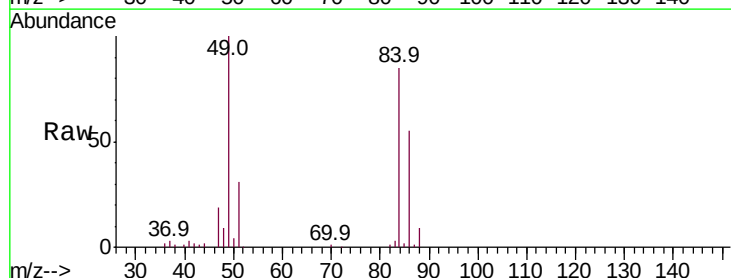
Instrument :
MSVOA_N
ClientSampled :

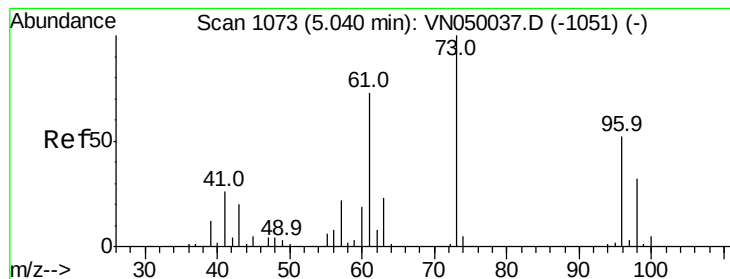
Tot Ion: 41 Resp: 189821
Ion Ratio Lower Upper
41 100
39 65.3 35.4 106.3
76 38.9 19.7 59.1



#18
Methylene Chloride
Concen: 20.283 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion: 84 Resp: 144554
Ion Ratio Lower Upper
84 100
49 116.6 95.1 142.7
51 36.9 28.8 43.2
86 64.0 52.3 78.5





#19

trans-1,2-Dichloroethene

Concen: 20.231 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

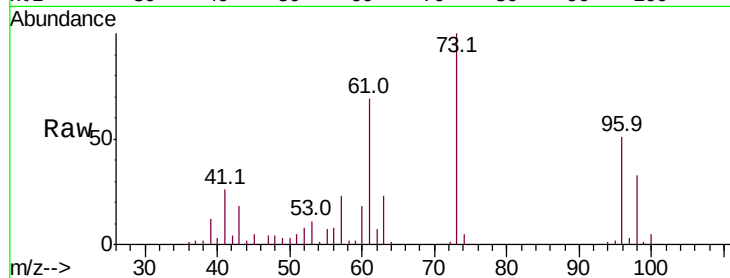
Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 133769

Ion	Ratio	Lower	Upper
96	100		
61	133.0	112.1	168.1
98	63.7	51.3	76.9

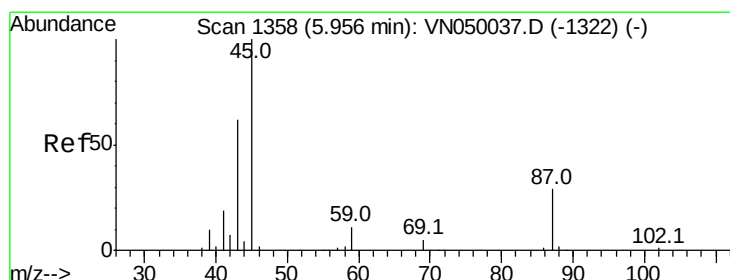
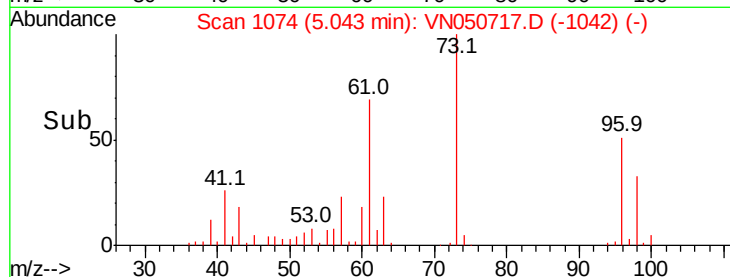
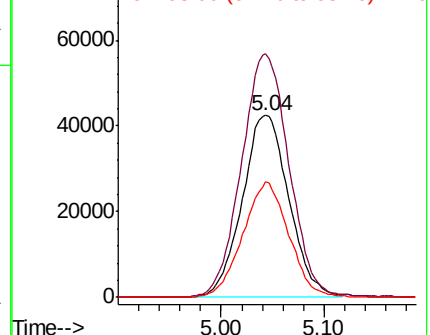


Abundance

Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO



#20

Diisopropyl ether

Concen: 20.790 ug/l

RT: 5.95 min Scan# 1357

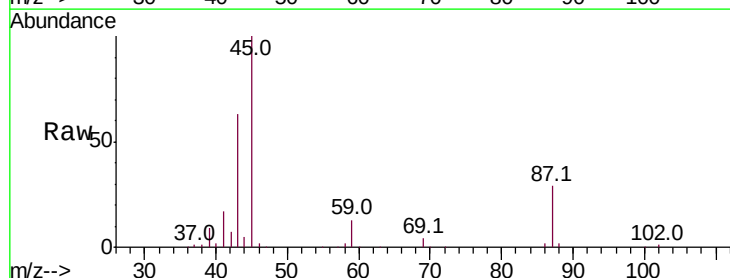
Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Tgt Ion: 45 Resp: 415794

Ion	Ratio	Lower	Upper
45	100		
43	61.5	46.6	70.0
87	28.7	22.3	33.5
59	12.5	9.5	14.3



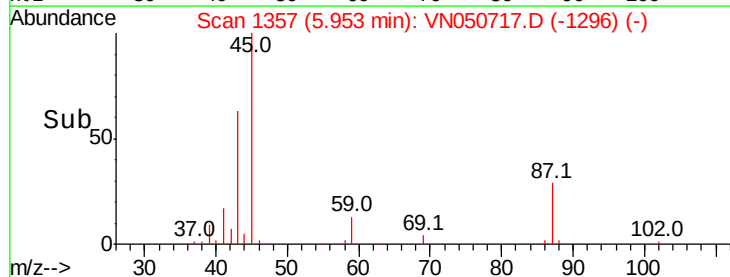
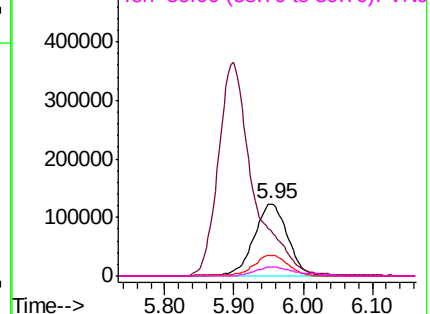
Abundance

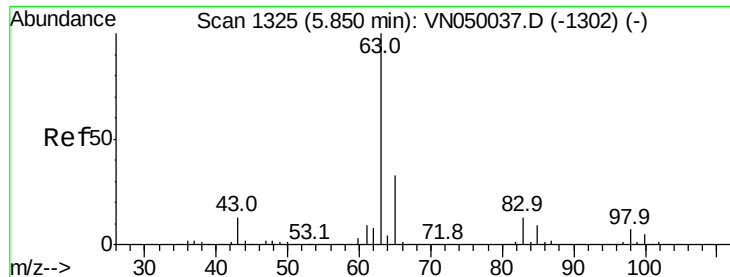
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO

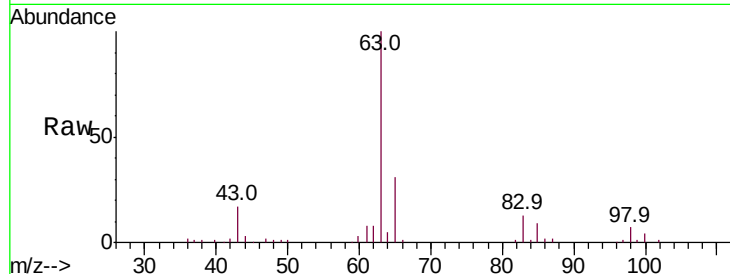




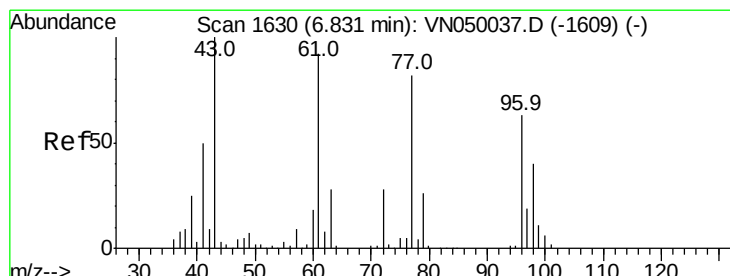
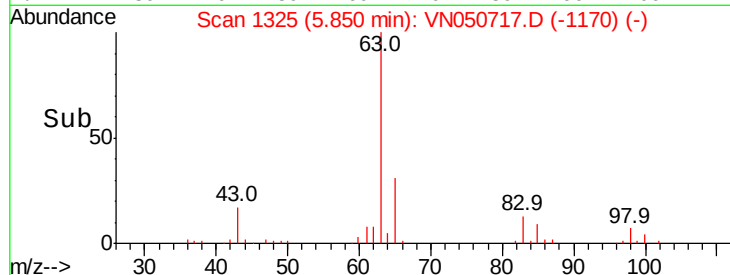
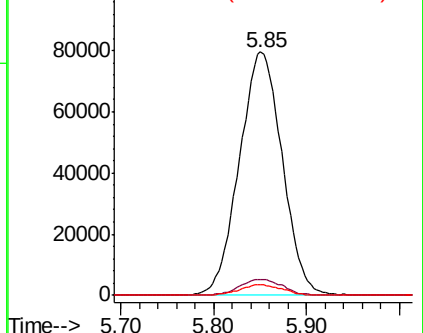
#21
 1,1-Dichloroethane
 Concen: 20.313 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.5	10.6
100	4.5	2.3	6.8

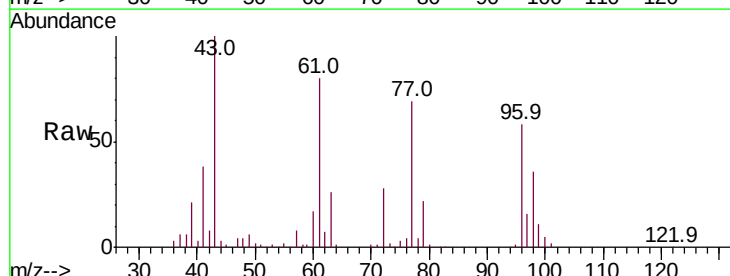


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

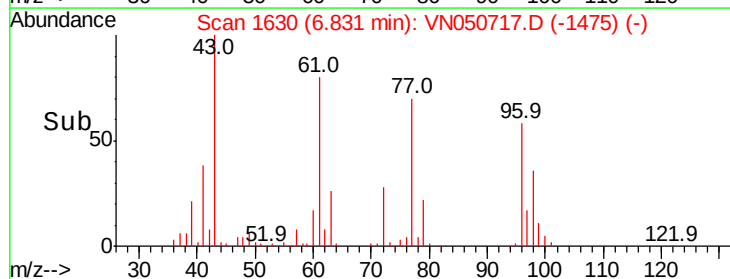
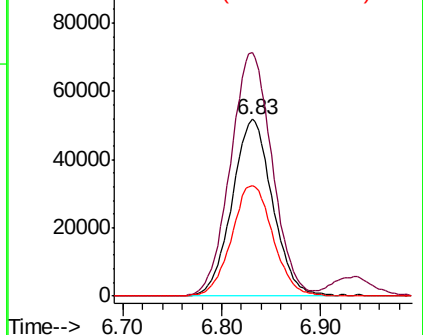


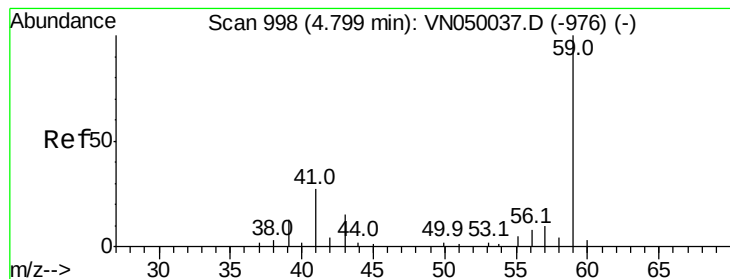
#22
 cis-1,2-Dichloroethene
 Concen: 20.130 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.3	114.2	171.2
98	64.1	51.7	77.5



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0



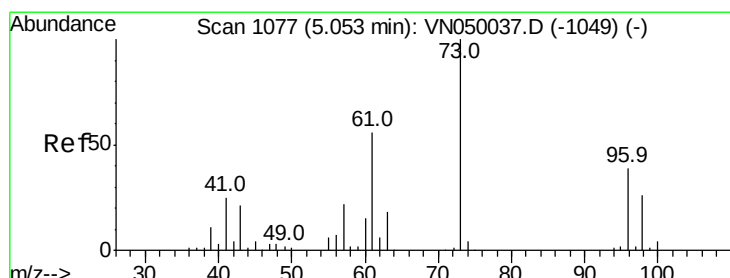
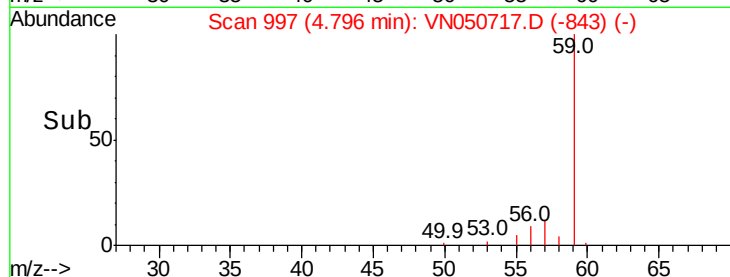
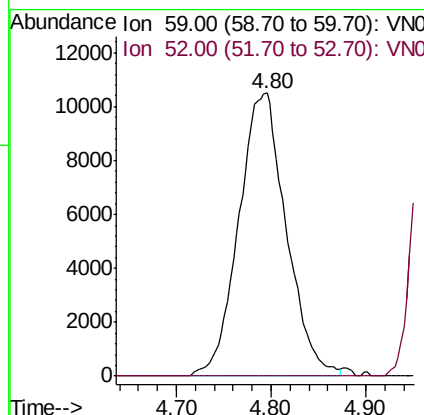
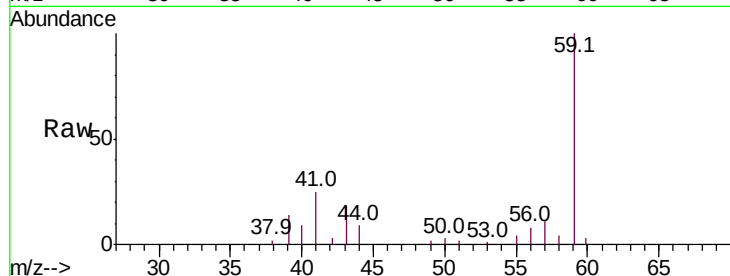


#23

tert-Butyl Alcohol
 Concen: 69.332 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Instrument :
 MSVOA_N
 ClientSampled :

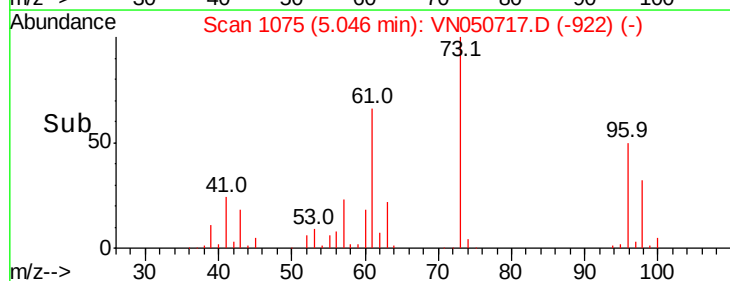
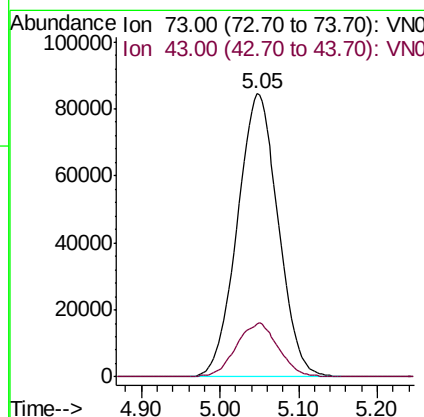
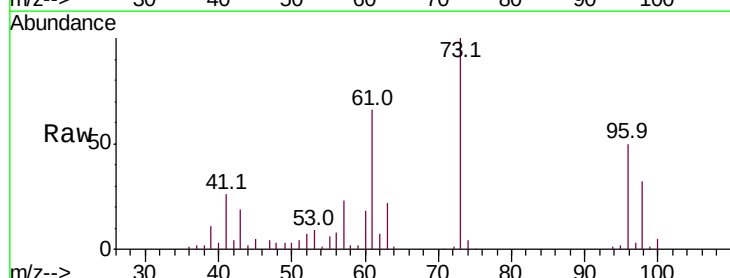
Tot Ion: 59 Resp: 36573
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

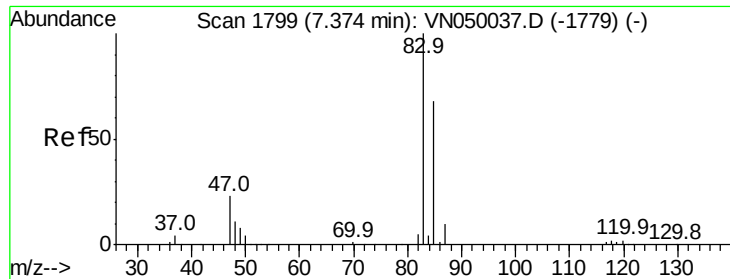


#24

Methyl tert-Butyl Ether
 Concen: 18.260 ug/l
 RT: 5.05 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion: 73 Resp: 307556
 Ion Ratio Lower Upper
 73 100
 43 19.7 15.5 23.3

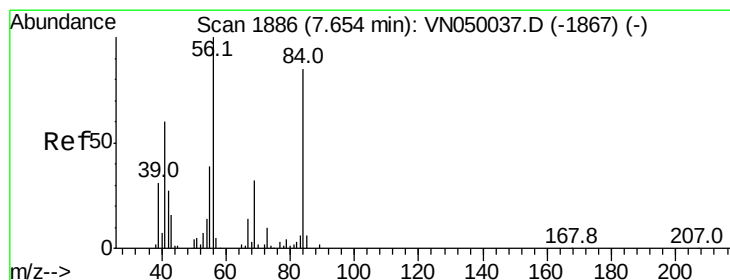
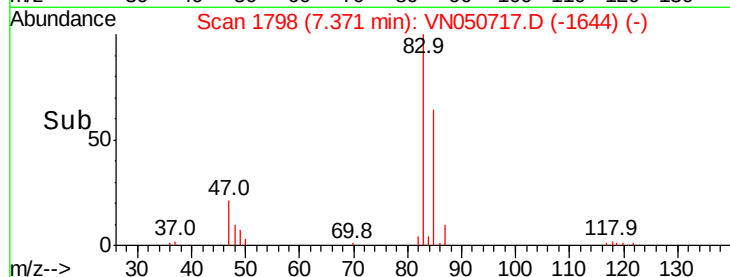
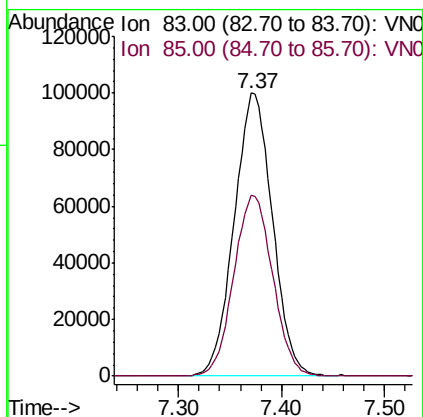
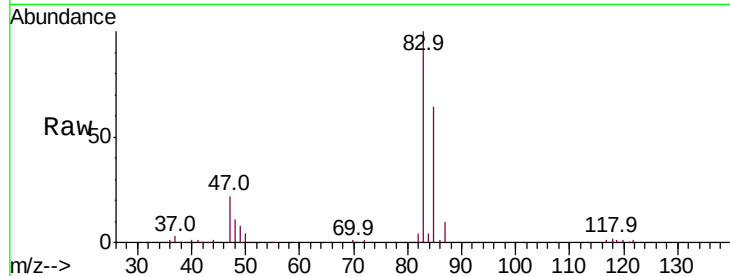




#25
Chloroform
Concen: 20.314 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

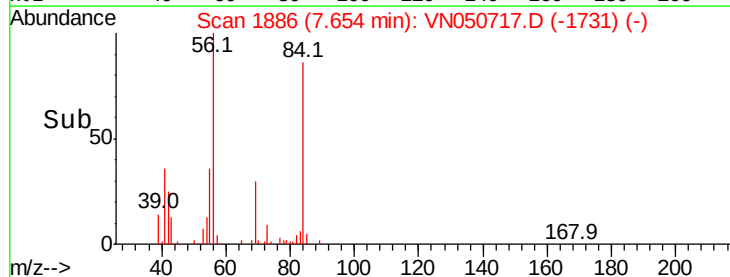
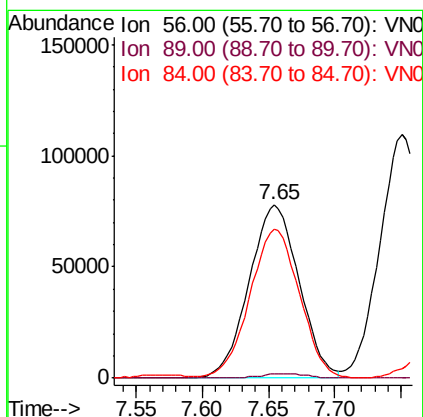
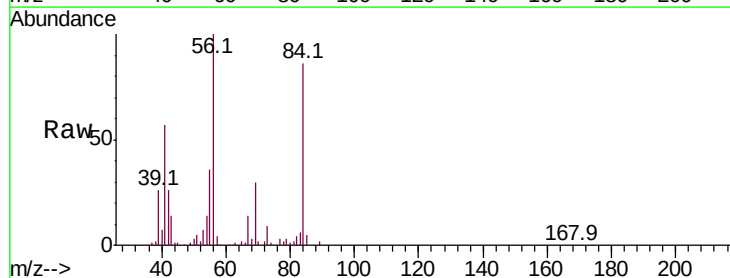
Instrument :
MSVOA_N
ClientSampled :

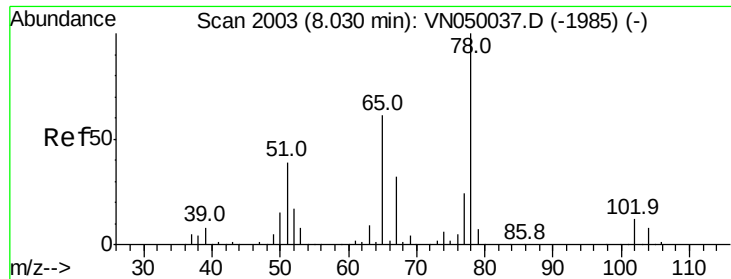
Tot Ion: 83 Resp: 258600
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1



#26
Cyclohexane
Concen: 20.459 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion: 56 Resp: 204448
Ion Ratio Lower Upper
56 100
89 2.4 3.0 4.4#
84 84.6 69.8 104.8

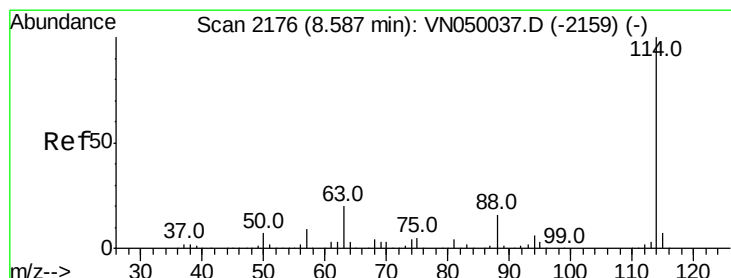
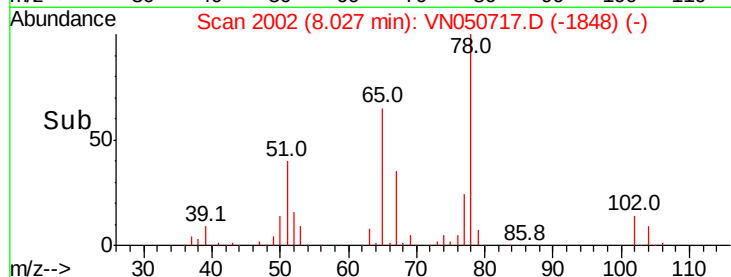
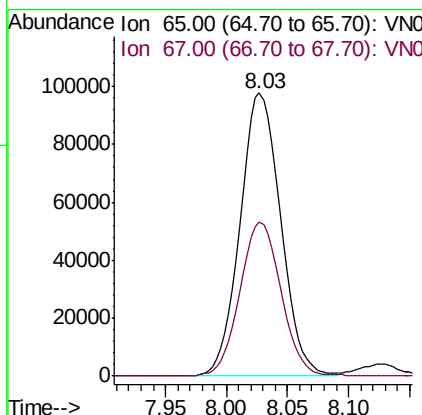
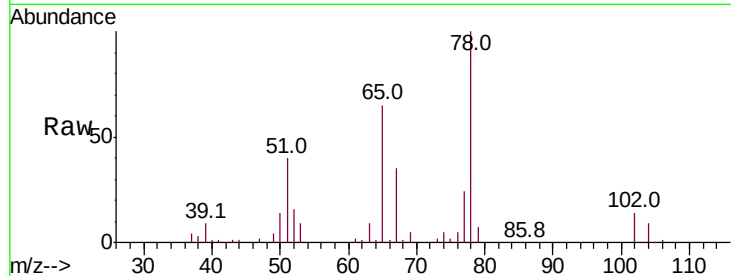




#27
 1,2-Dichloroethane-d4
 Concen: 28.631 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

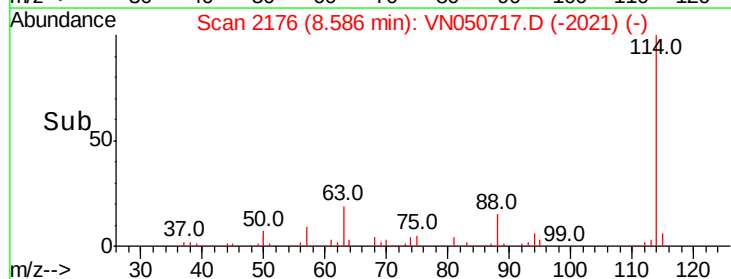
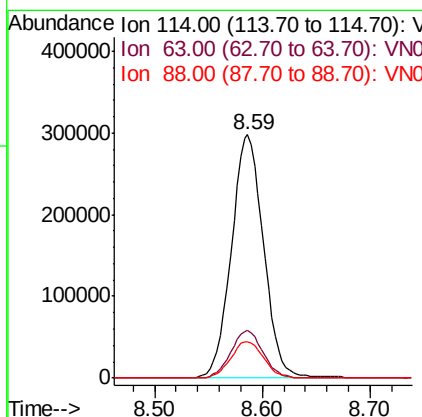
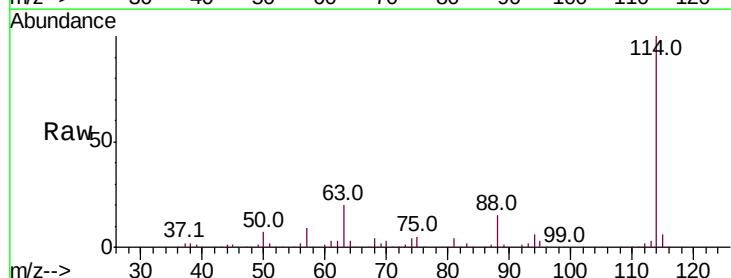
Instrument :
 MSVOA_N
 ClientSampleId :

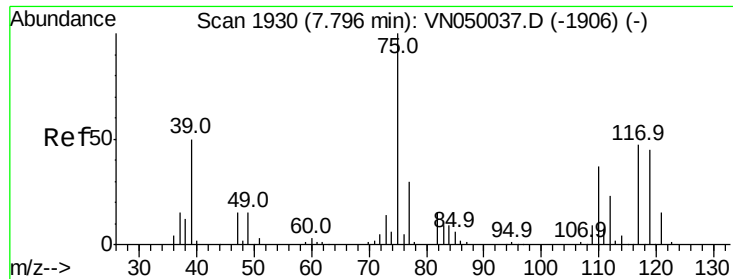
Tot Ion: 65 Resp: 225436
 Ion Ratio Lower Upper
 65 100
 67 55.3 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion:114 Resp: 617690
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.2 24.2
 88 15.4 12.3 18.5





#29

1,1-Dichloropropene

Concen: 19.706 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampleId :

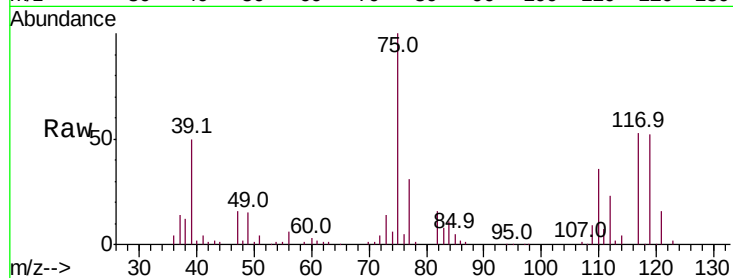
Tot Ion: 75 Resp: 188908

Ion Ratio Lower Upper

75 100

110 36.0 0.0 73.2

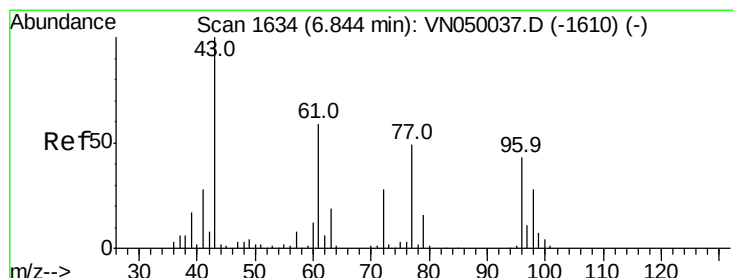
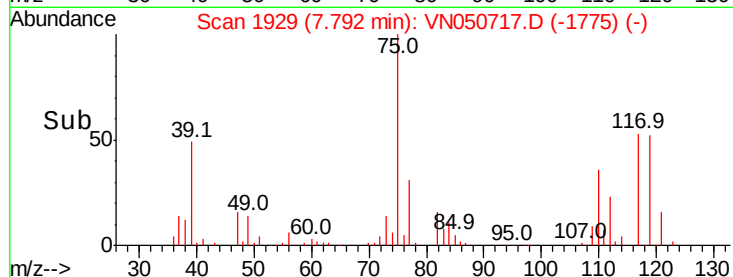
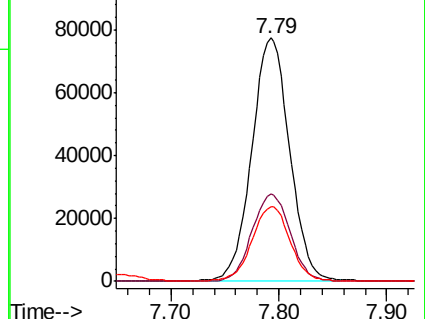
77 30.9 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 110.00 (109.70 to 110.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#30

2-Butanone

Concen: 95.688 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

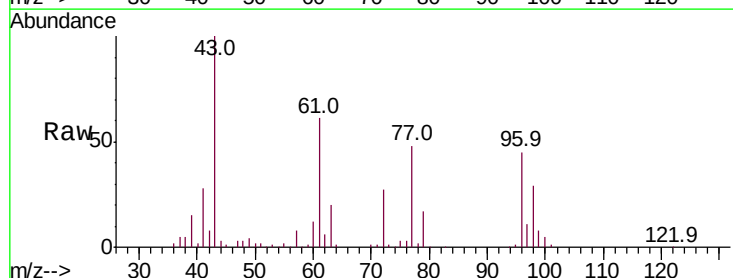
Tgt Ion: 43 Resp: 287838

Ion Ratio Lower Upper

43 100

57 8.2 6.8 10.2

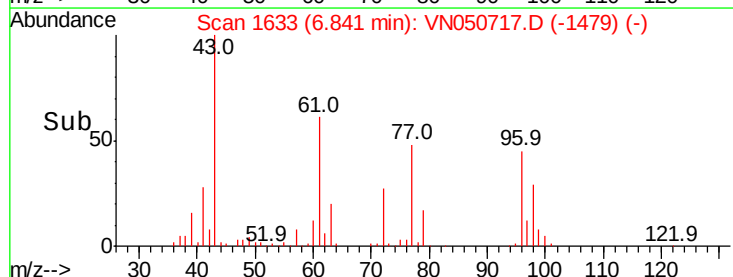
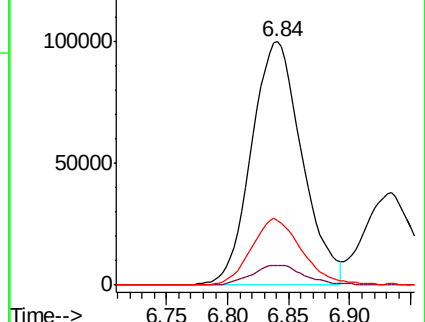
72 27.5 21.4 32.0

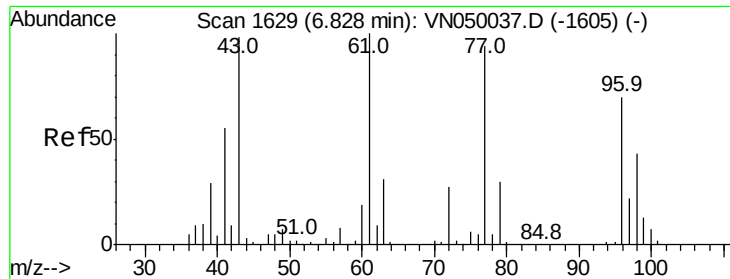


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

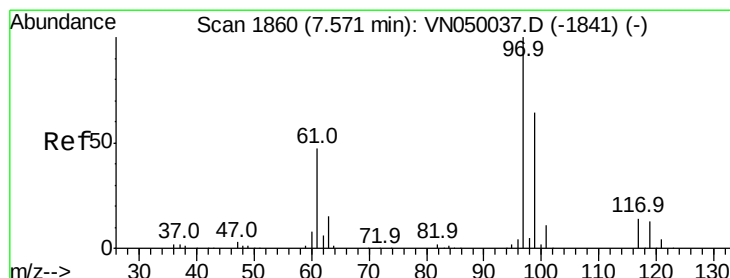
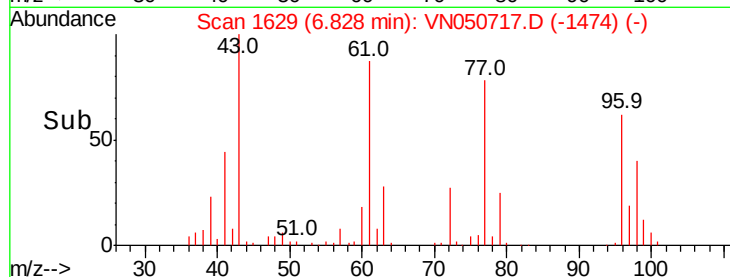
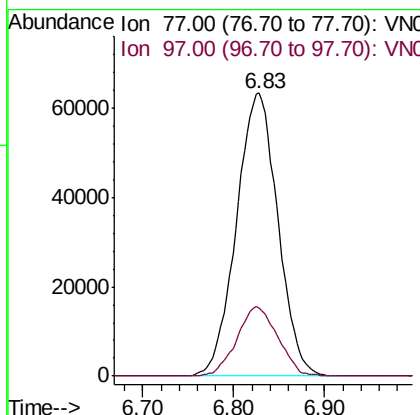
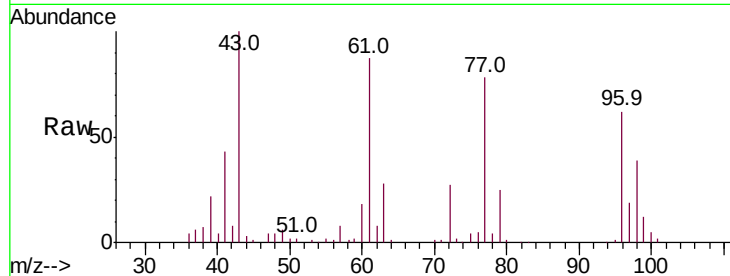




#31
 2,2-Dichloropropane
 Concen: 18.879 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

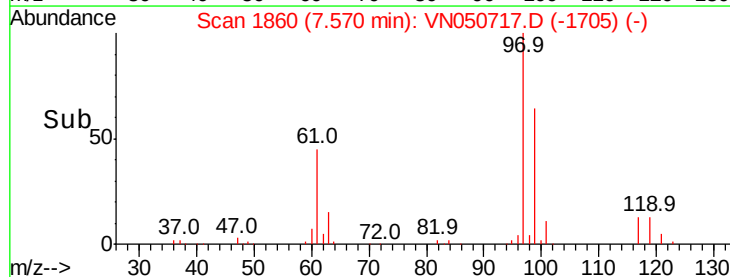
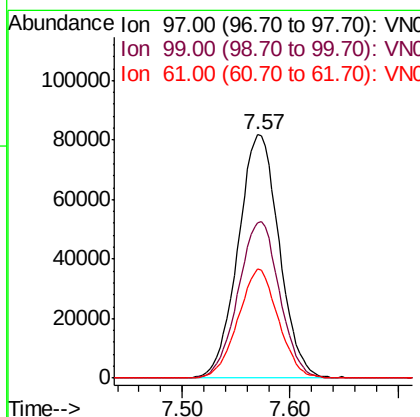
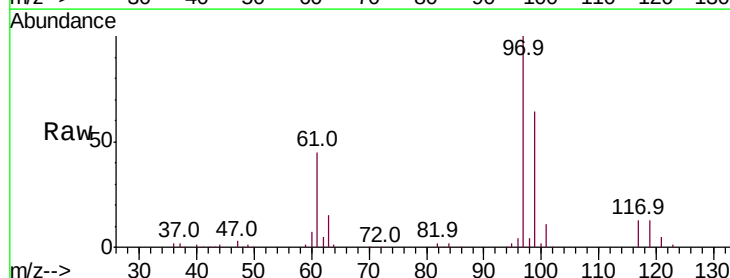
Instrument :
 MSVOA_N
 ClientSampleId :

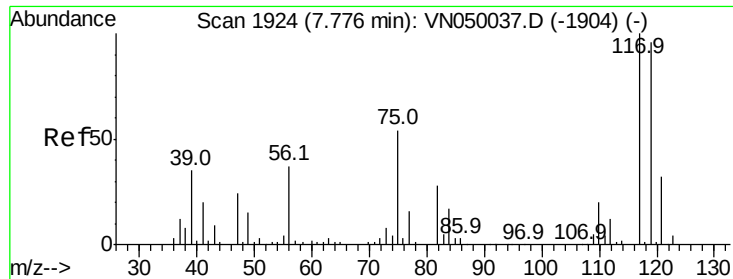
Tot Ion: 77 Resp: 200042
 Ion Ratio Lower Upper
 77 100
 97 24.3 18.9 28.3



#32
 1,1,1-Trichloroethane
 Concen: 19.209 ug/l
 RT: 7.57 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion: 97 Resp: 216741
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.2 76.8
 61 43.8 35.3 52.9

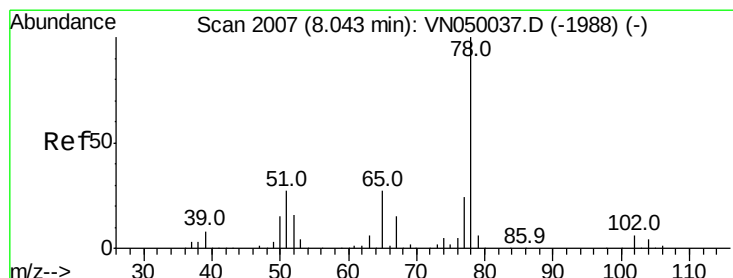
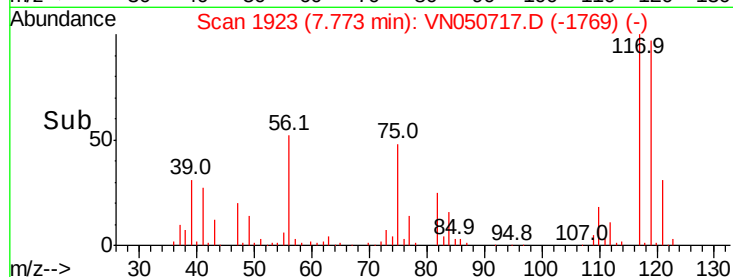
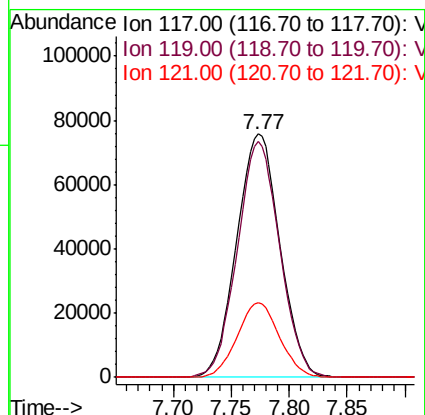
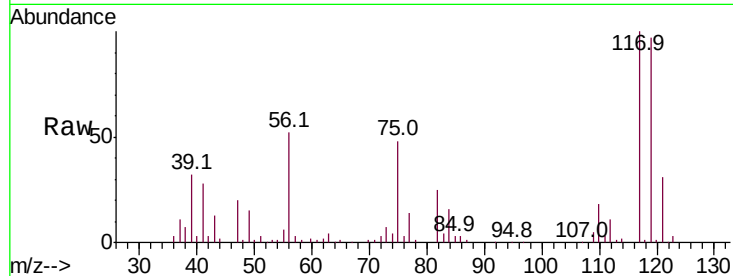




#33
Carbon Tetrachloride
Concen: 19.510 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

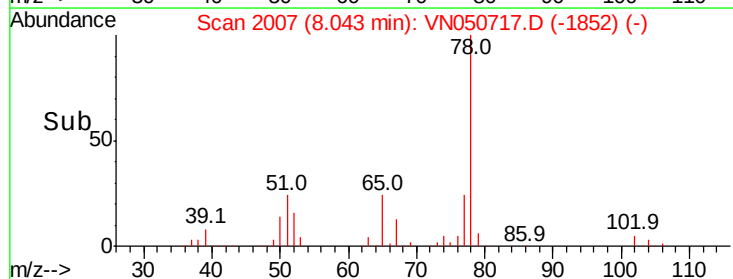
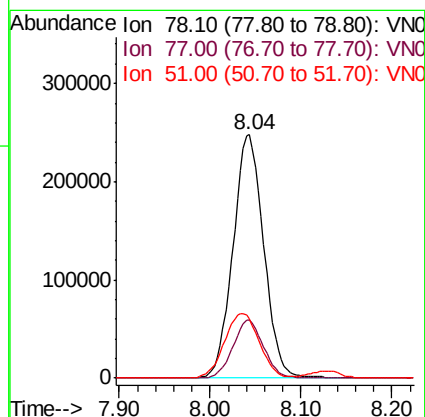
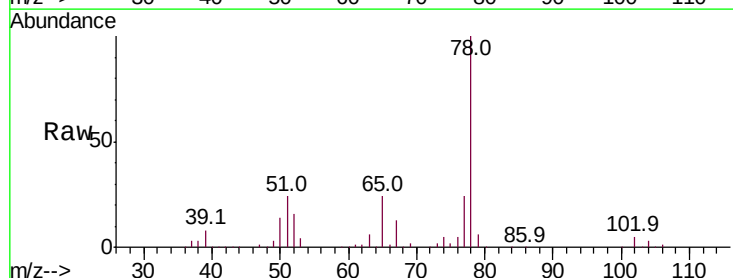
Instrument :
MSVOA_N
ClientSampleId :

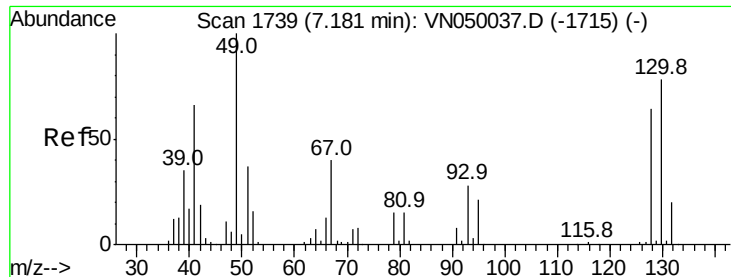
Tot Ion:117 Resp: 196235
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3
121 30.8 24.4 36.6



#34
Benzene
Concen: 19.940 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion: 78 Resp: 580519
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7
51 24.3 21.0 31.4

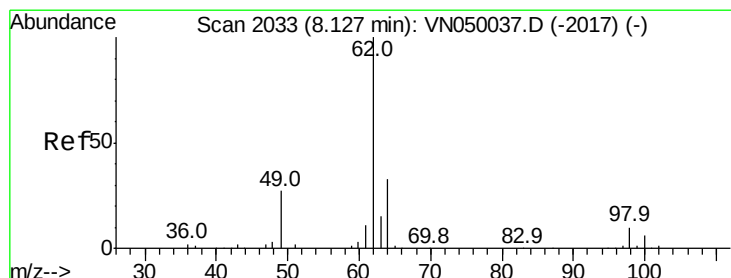
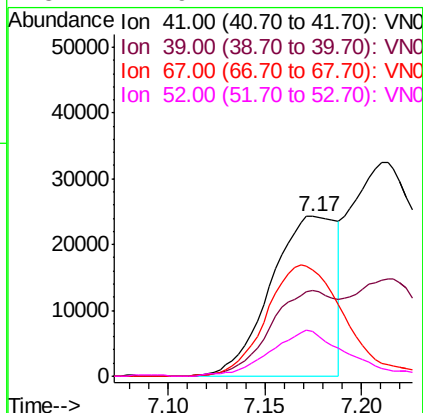
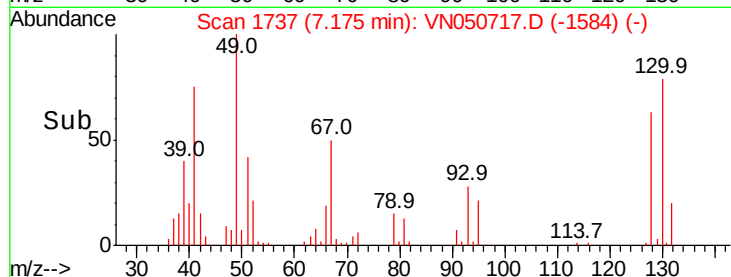
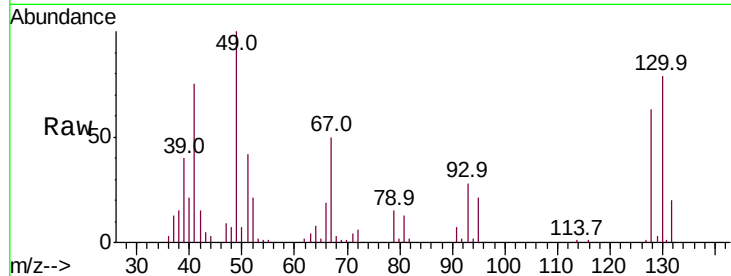




#35
Methacrylonitrile
Concen: 16.789 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

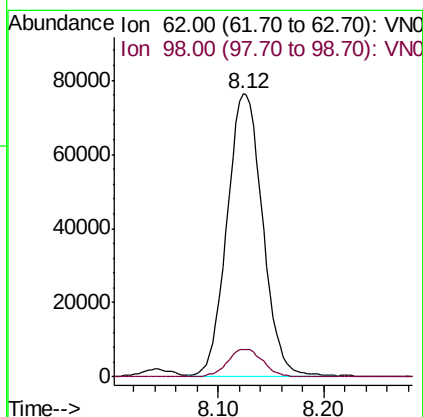
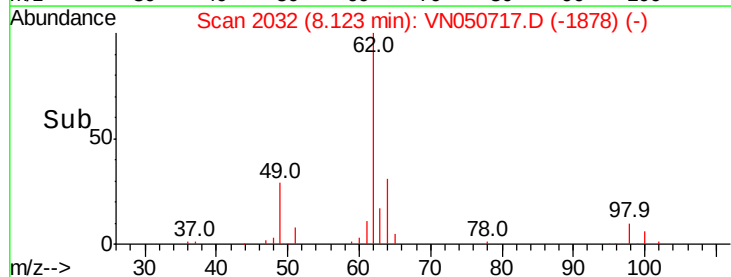
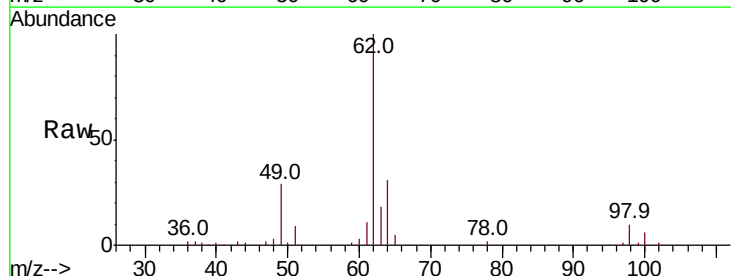
Instrument :
MSVOA_N
ClientSampled :

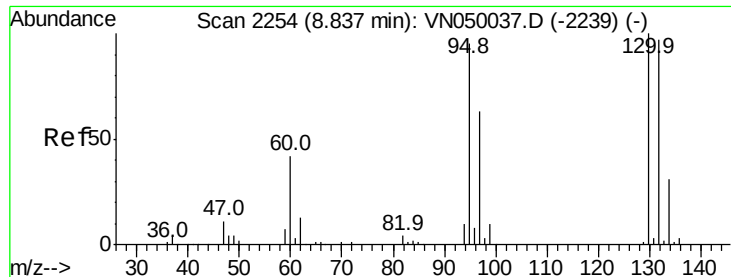
Tot Ion: 41 Resp: 57502
Ion Ratio Lower Upper
41 100
39 54.0 27.6 82.7
67 66.6 35.1 105.5
52 27.9 14.1 42.4



#36
1,2-Dichloroethane
Concen: 18.767 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion: 62 Resp: 179389
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.6





#37

Trichloroethene

Concen: 19.835 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

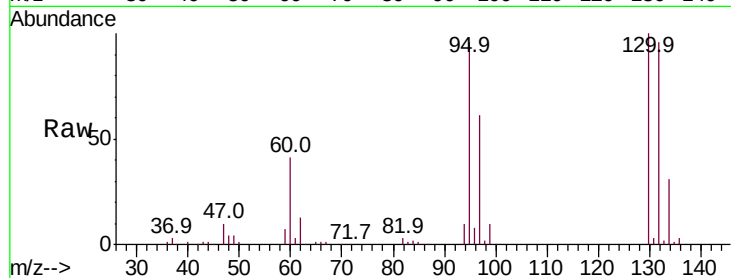
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:130 Resp: 151450

Ion Ratio Lower Upper

130 100

95 95.6 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.84

80000

60000

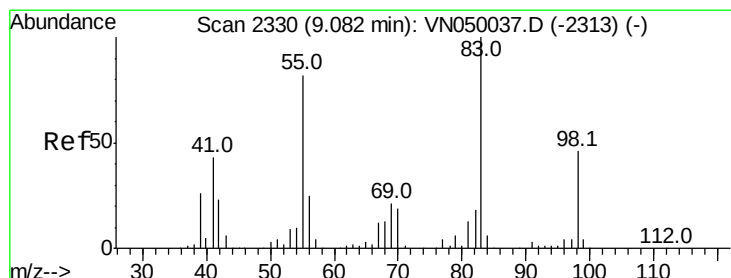
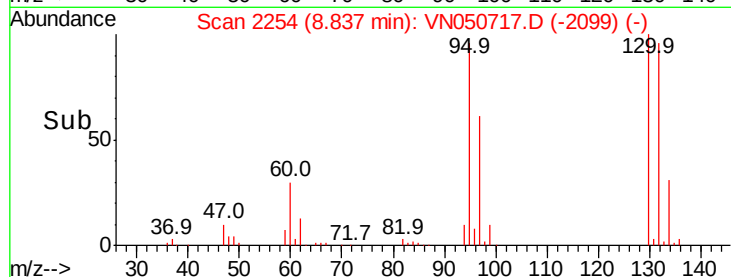
40000

20000

0

Time-->

8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 19.332 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

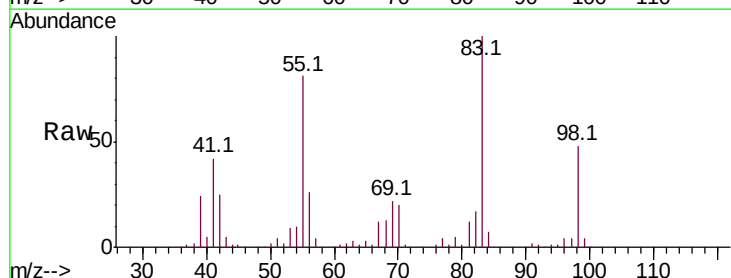
Tgt Ion: 83 Resp: 195361

Ion Ratio Lower Upper

83 100

55 78.8 39.3 117.8

98 46.5 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

120000

100000

80000

60000

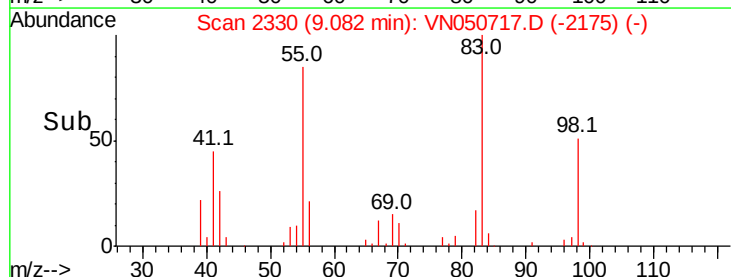
40000

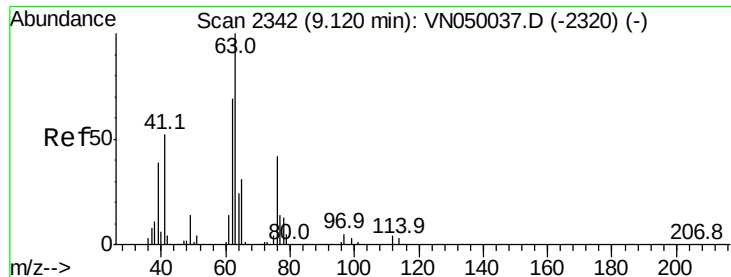
20000

0

Time-->

9.00 9.05 9.10 9.15 9.20





#39

1,2-Dichloropropane

Concen: 19.782 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

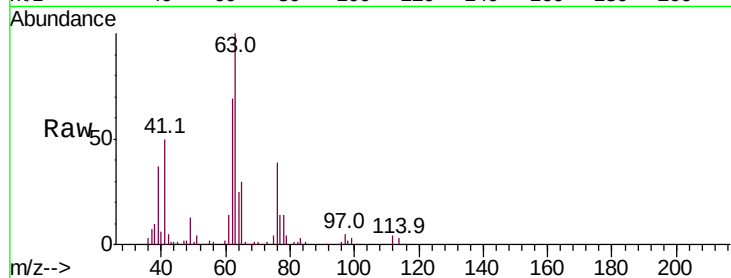
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 151715

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.2



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

9.12

80000

60000

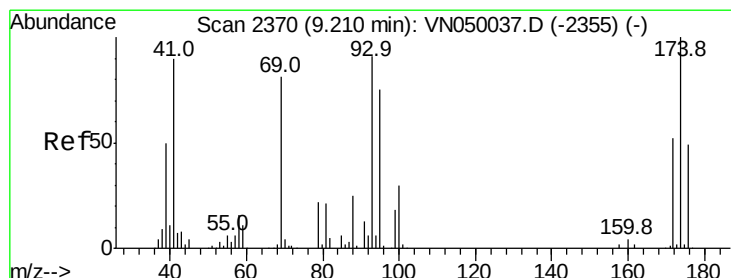
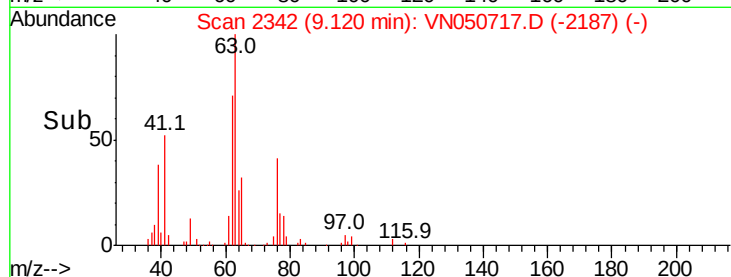
40000

20000

0

9.05 9.10 9.15 9.20

Time-->



#40

Dibromomethane

Concen: 18.756 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

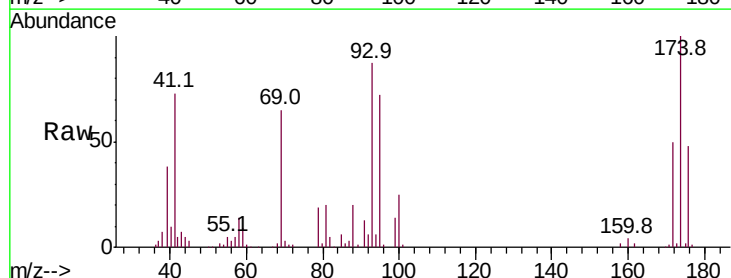
Tgt Ion: 93 Resp: 88903

Ion Ratio Lower Upper

93 100

95 83.1 0.0 165.6

174 113.3 0.0 223.2



Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

60000

50000

40000

30000

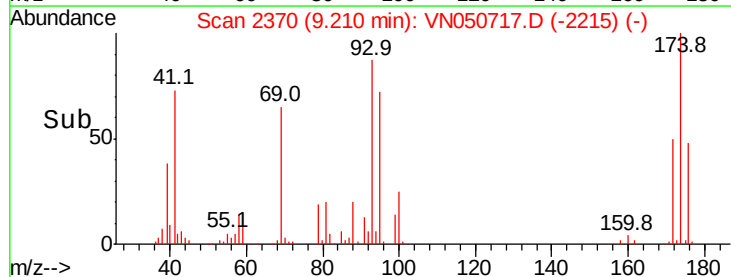
20000

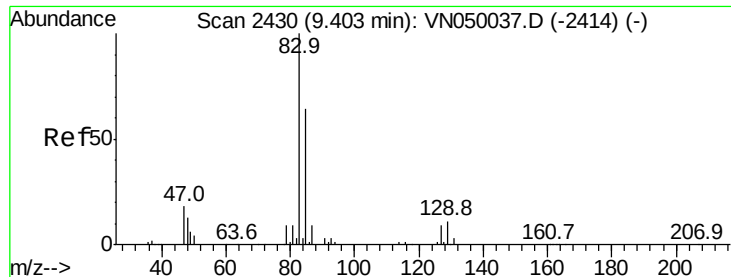
10000

0

9.15 9.20 9.25 9.30

Time-->





#41

Bromodichloromethane

Concen: 19.372 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :
MSVOA_N
ClientSampled :

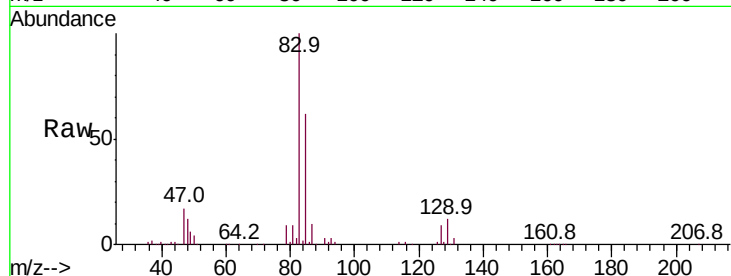
Tot Ion: 83 Resp: 193685

Ion Ratio Lower Upper

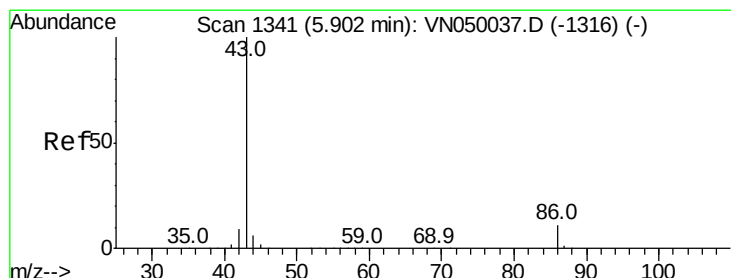
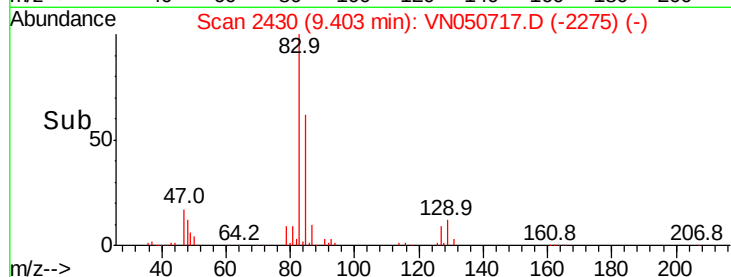
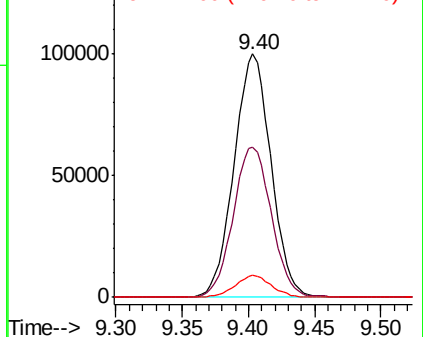
83 100

85 61.9 52.6 78.8

127 8.9 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 90.183 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050717.D

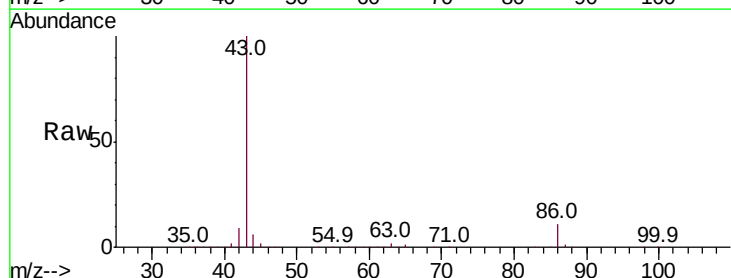
Acq: 17 Aug 2018 9:12

Tgt Ion: 43 Resp: 1276566

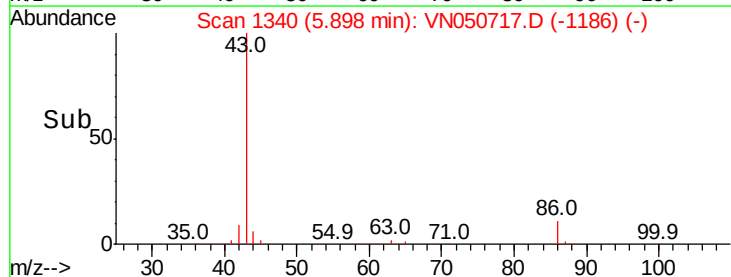
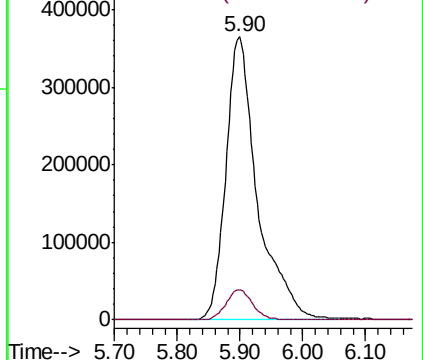
Ion Ratio Lower Upper

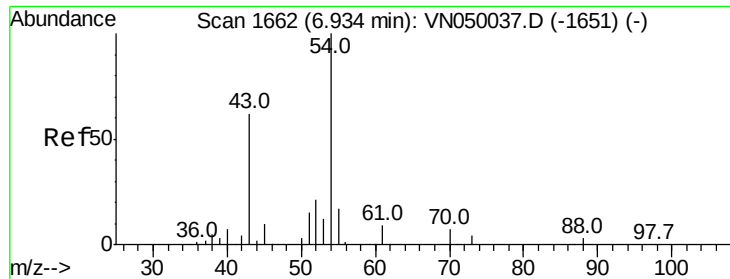
43 100

86 9.0 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0

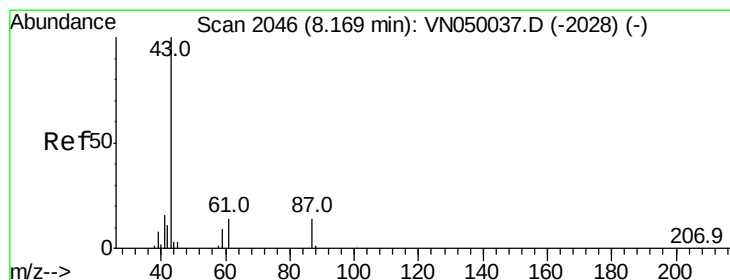
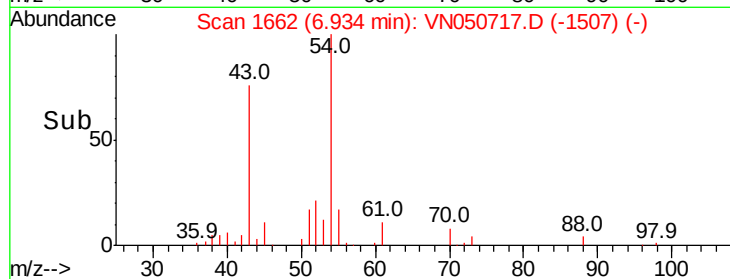
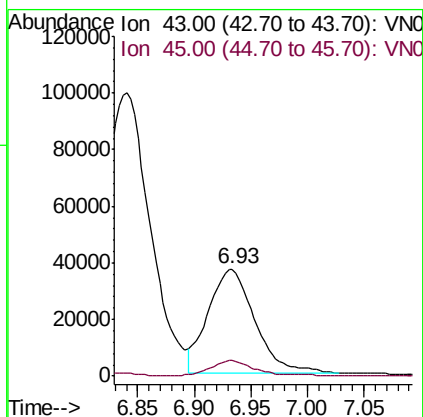
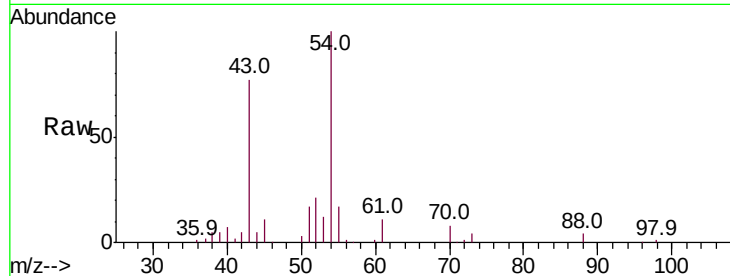




#43
Ethyl Acetate
Concen: 16.741 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

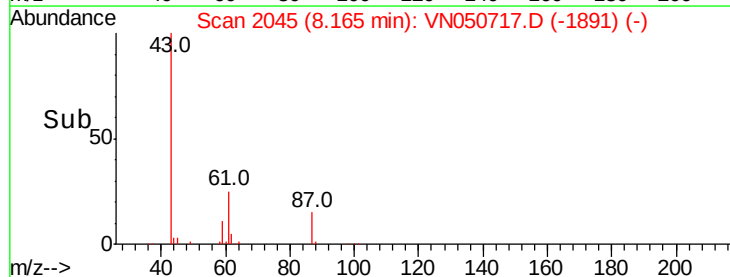
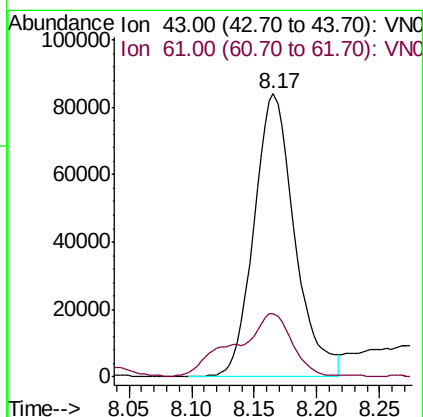
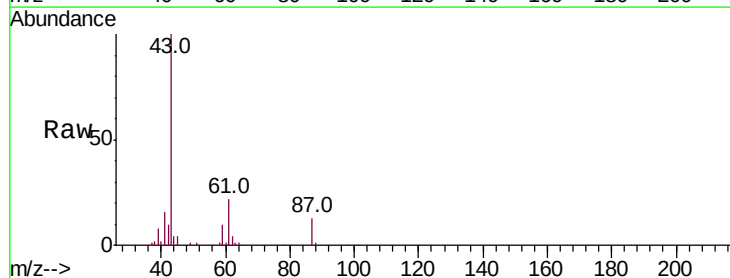
Instrument :
MSVOA_N
ClientSampled :

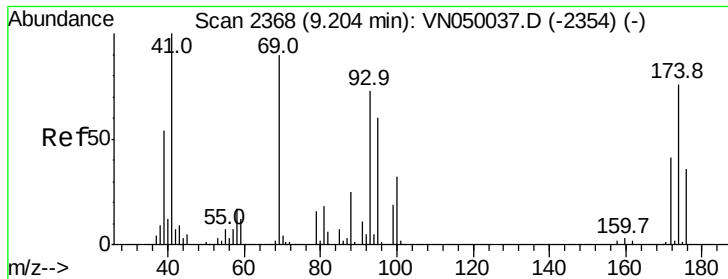
Tot Ion: 43 Resp: 105157
Ion Ratio Lower Upper
43 100
45 12.7 13.0 19.6#



#44
Isopropyl Acetate
Concen: 16.218 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion: 43 Resp: 188716
Ion Ratio Lower Upper
43 100
61 19.9 16.4 24.6





#45

1,4-Dioxane

Concen: 324.396 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :
MSVOA_N
ClientSampled :

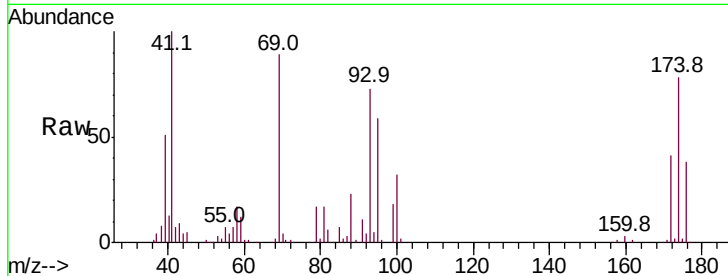
Tot Ion: 88 Resp: 24839

Ion Ratio Lower Upper

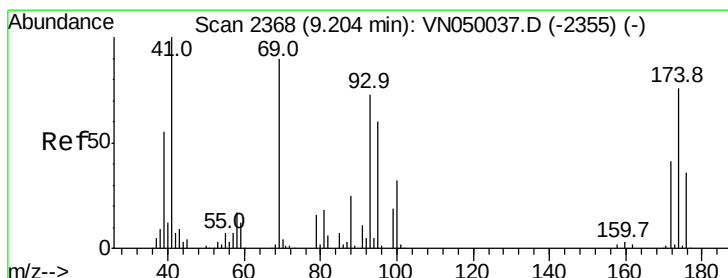
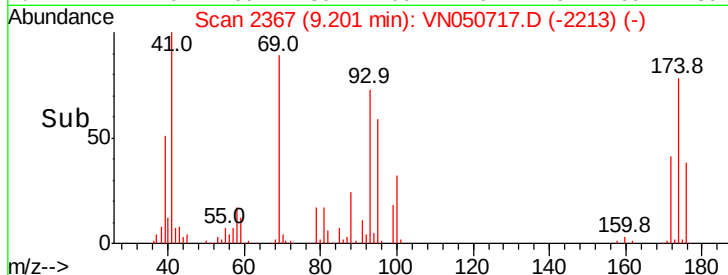
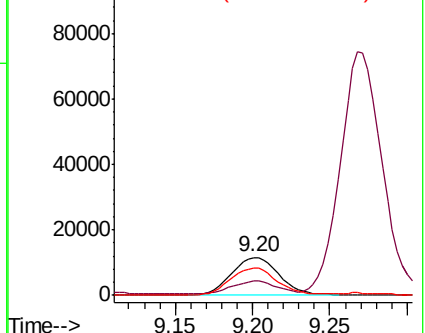
88 100

43 33.4 26.9 40.3

58 72.1 53.6 80.4



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



#46

Methyl methacrylate

Concen: 15.719 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

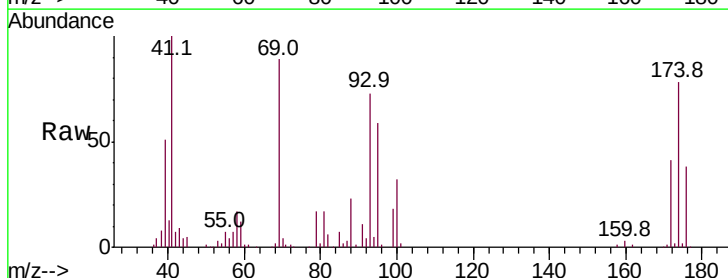
Tgt Ion: 41 Resp: 88668

Ion Ratio Lower Upper

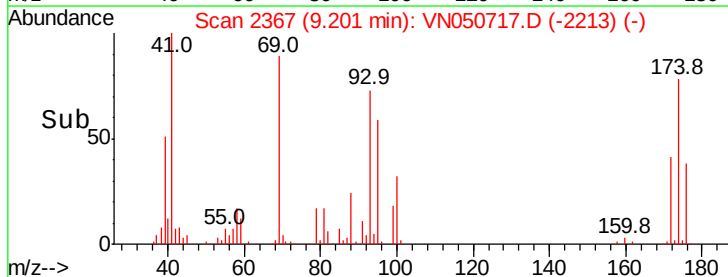
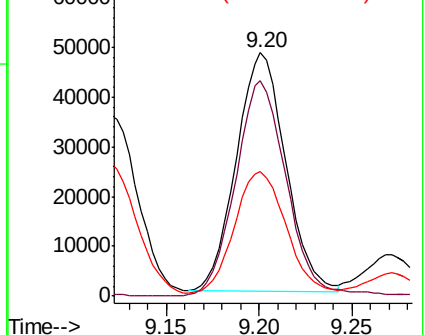
41 100

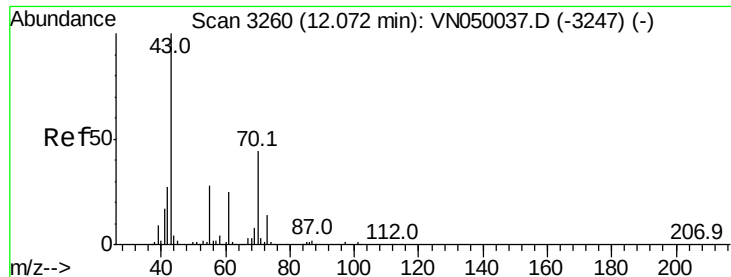
69 90.1 44.0 132.1

39 50.7 27.0 80.8



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





#47

n-amvl Acetate

Concen: 15.911 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

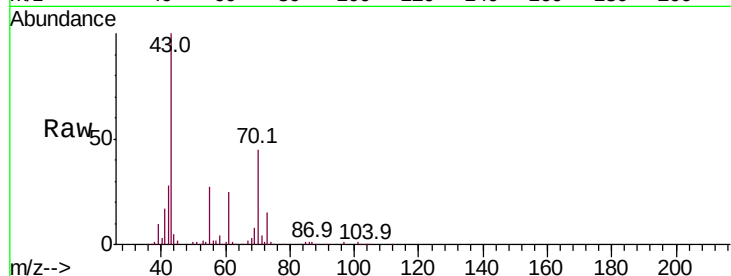
ClientSampled :

Tot Ion: 43 Resp: 144065

Ion Ratio Lower Upper

43 100

55 28.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

80000

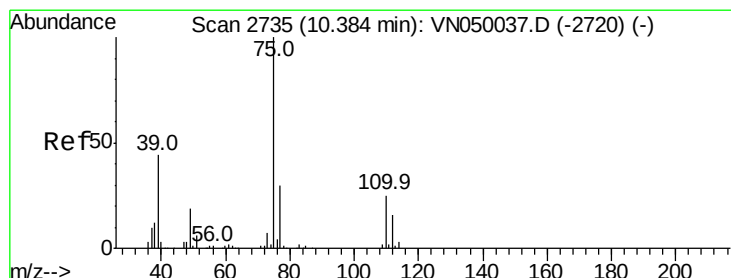
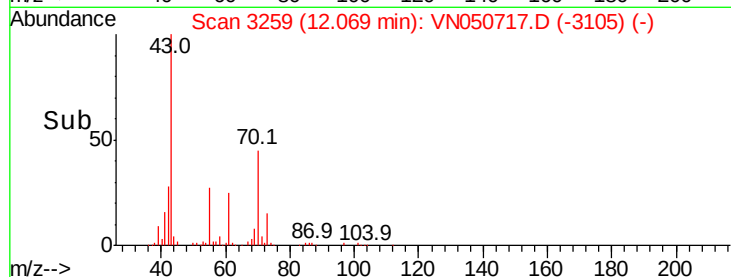
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.911 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050717.D

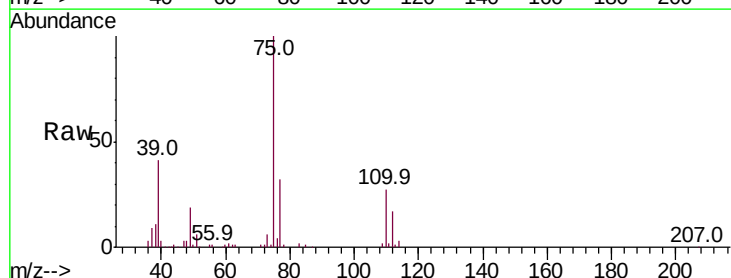
Acq: 17 Aug 2018 9:12

Tgt Ion: 75 Resp: 180219

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

100000

80000

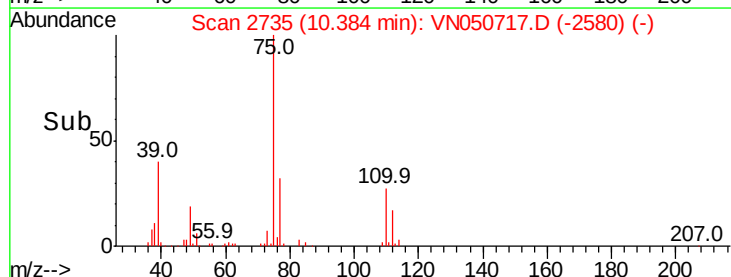
60000

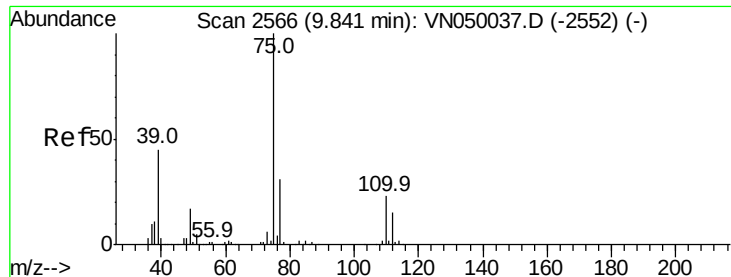
40000

20000

0

Time-->



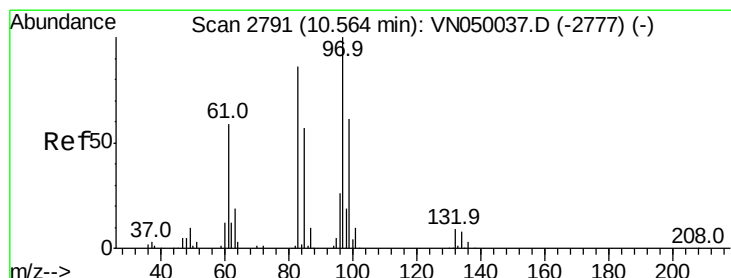
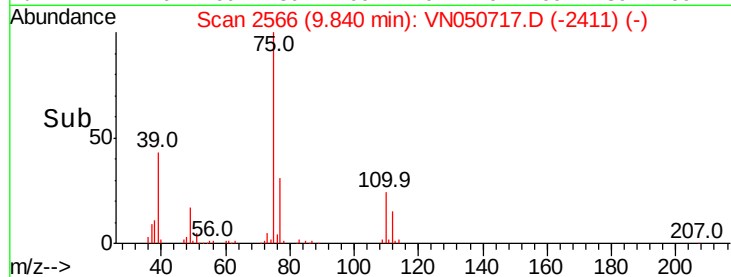
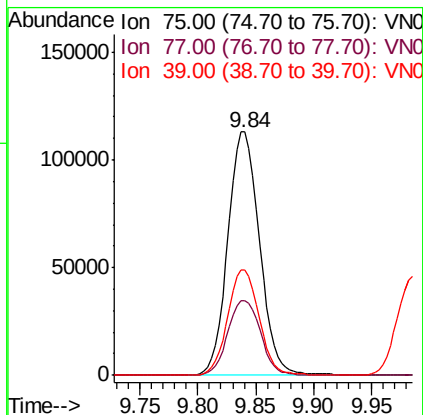
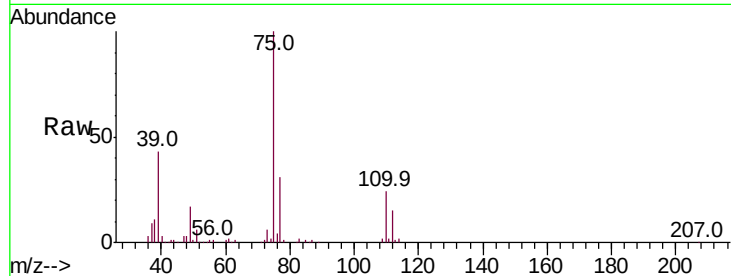


#49

cis-1,3-Dichloropropene
Concen: 19.174 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Instrument :
MSVOA_N
ClientSampled :

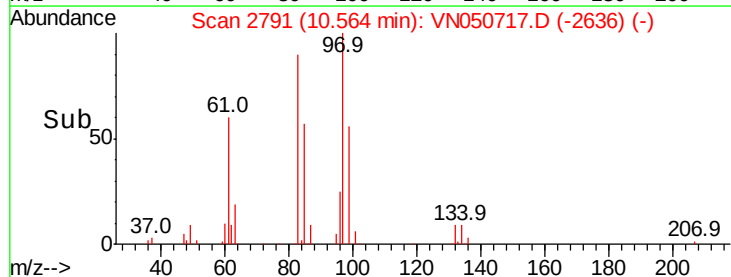
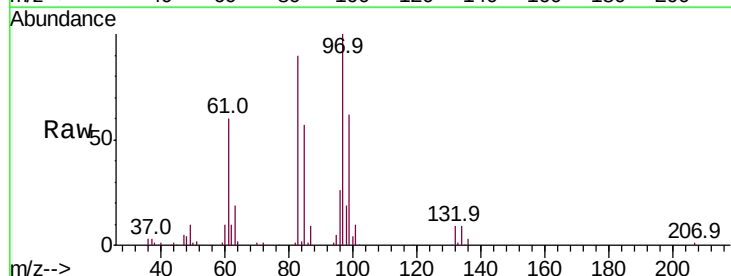
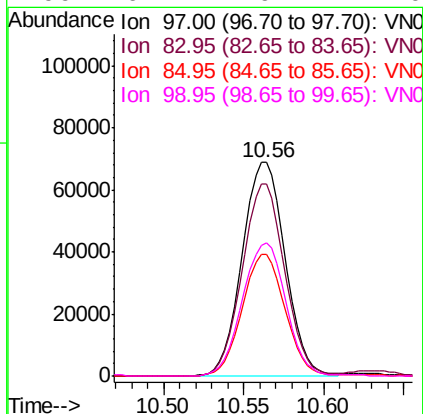
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.7	38.5
39	43.5	36.3	54.5

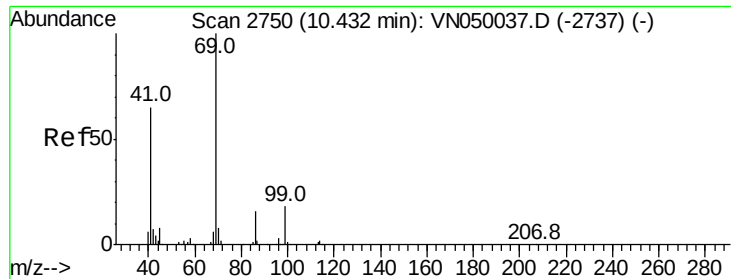


#50

1,1,2-Trichloroethane
Concen: 18.611 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.0	68.1	102.1
85	56.9	45.4	68.2
99	62.4	49.4	74.0





#51

Ethyl methacrylate

Concen: 16.965 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampled :

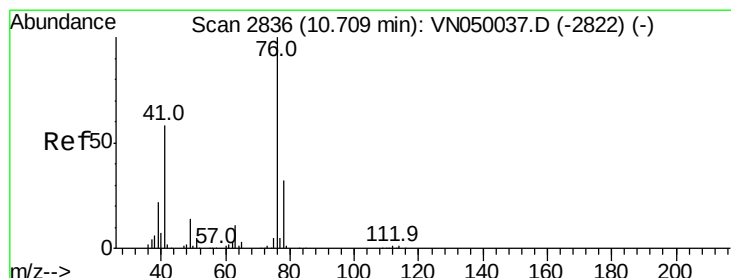
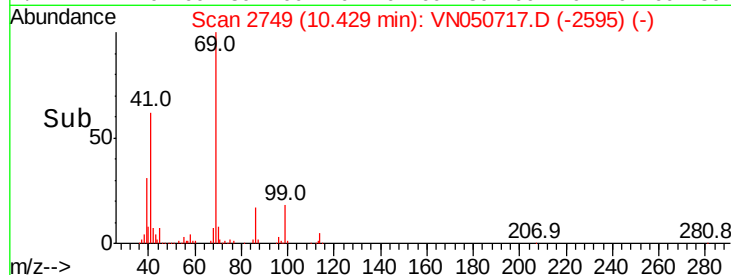
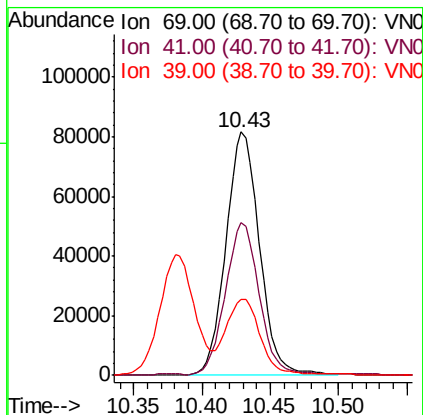
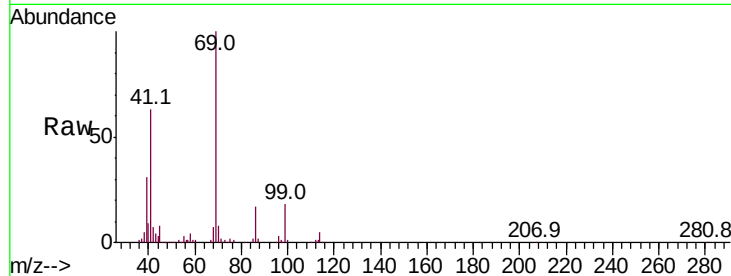
Tot Ion: 69 Resp: 140094

Ion Ratio Lower Upper

69 100

41 62.2 31.9 95.9

39 31.0 16.7 50.1



#52

1,3-Dichloropropane

Concen: 18.990 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050717.D

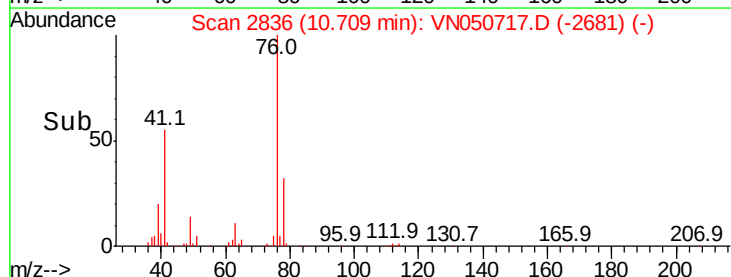
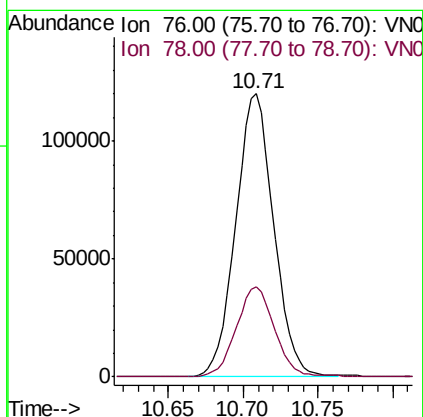
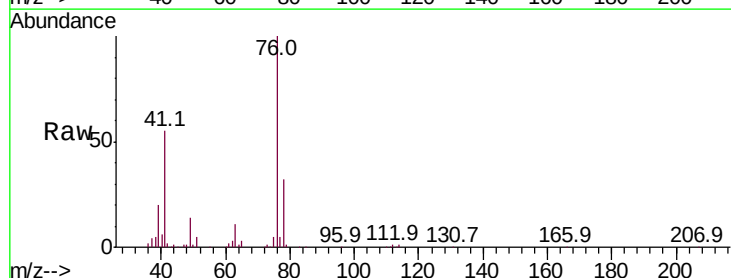
Acq: 17 Aug 2018 9:12

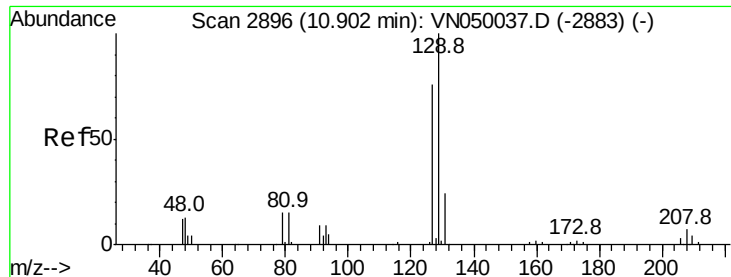
Tgt Ion: 76 Resp: 212164

Ion Ratio Lower Upper

76 100

78 32.1 0.0 65.6

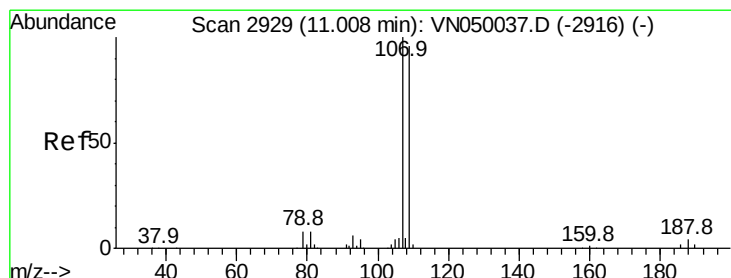
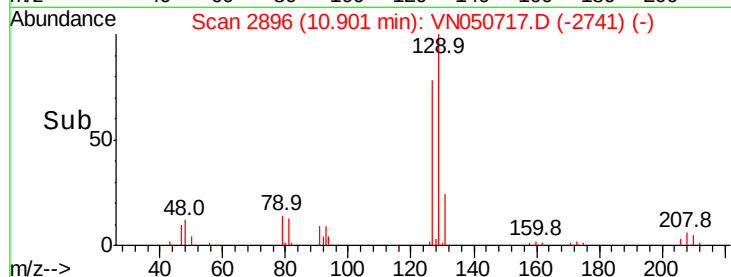
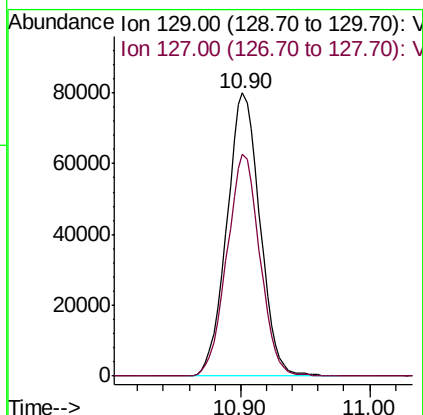
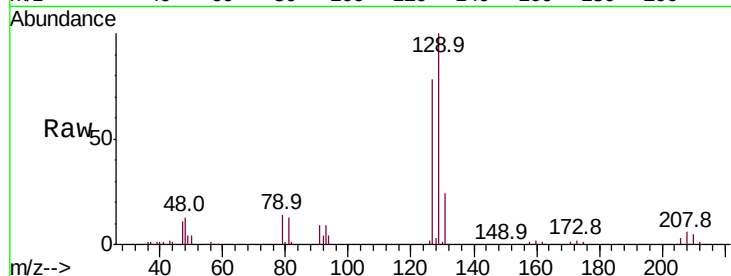




#53
 Dibromochloromethane
 Concen: 18.466 ug/l
 RT: 10.90 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

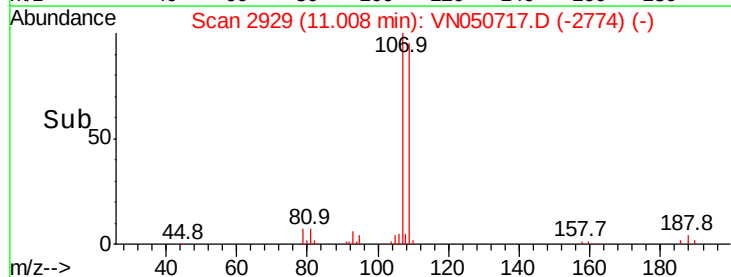
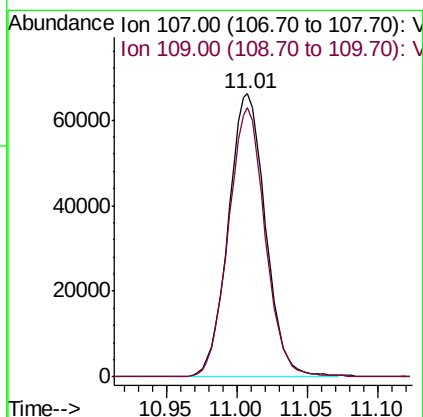
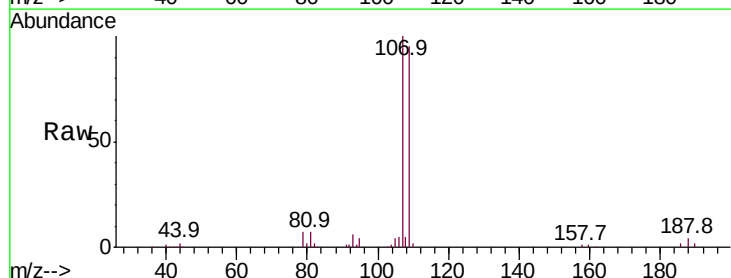
Instrument :
 MSVOA_N
 ClientSampleId :

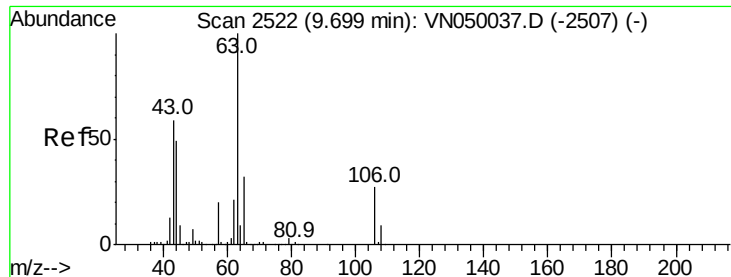
Tot Ion:129 Resp: 142584
 Ion Ratio Lower Upper
 129 100
 127 78.0 38.1 114.5



#54
 1,2-Dibromoethane
 Concen: 18.304 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion:107 Resp: 121967
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.2 114.2

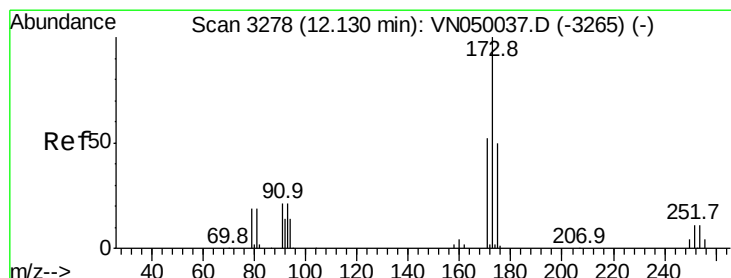
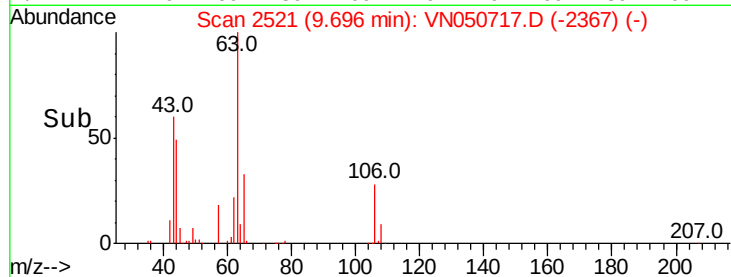
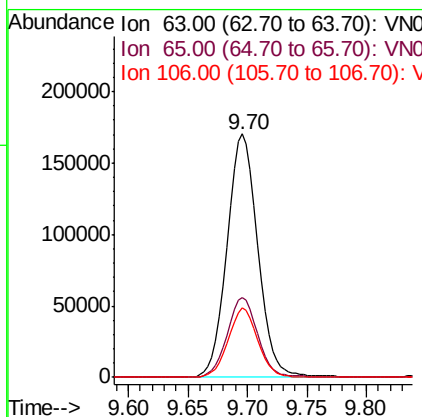
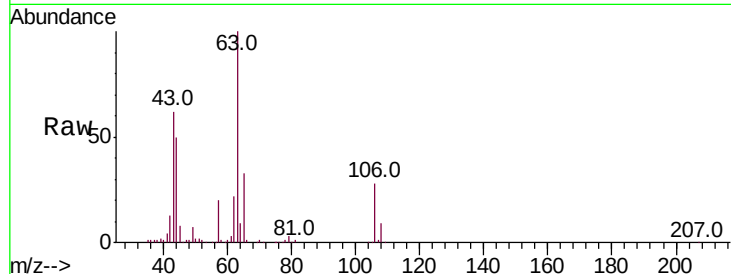




#55
 2-Chloroethyl vinyl ether
 Concen: 81.805 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

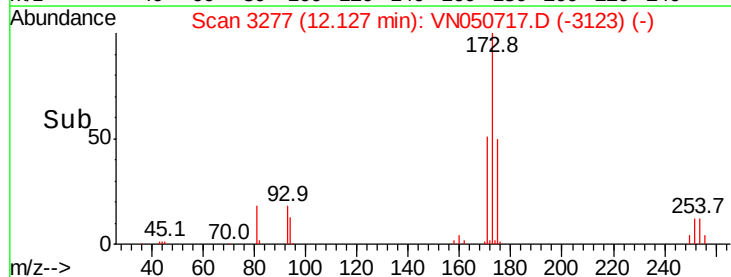
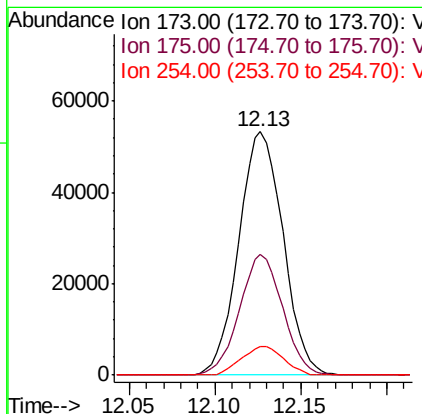
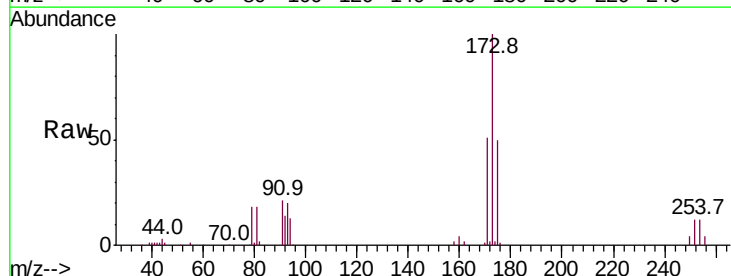
Instrument :
 MSVOA_N
 ClientSampleId :

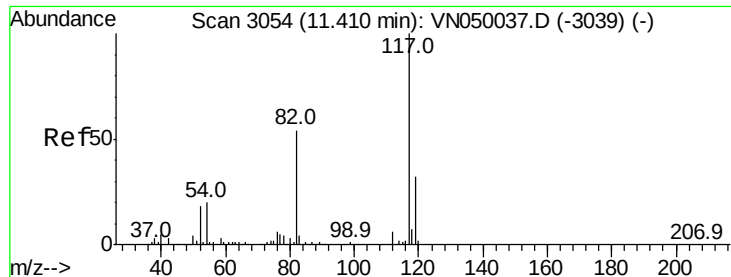
Tot Ion: 63 Resp: 305739
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.5 38.3
 106 27.5 21.8 32.6



#56
 Bromoform
 Concen: 17.462 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion: 173 Resp: 95203
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.6 57.8
 254 11.1 8.8 13.2

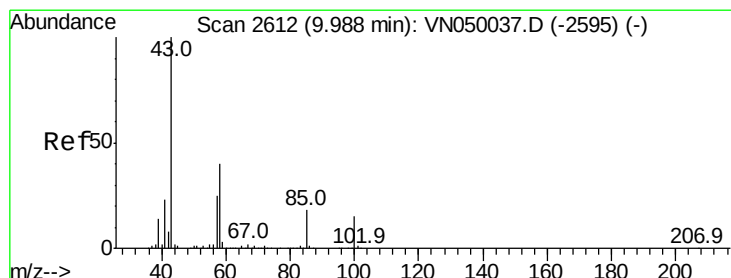
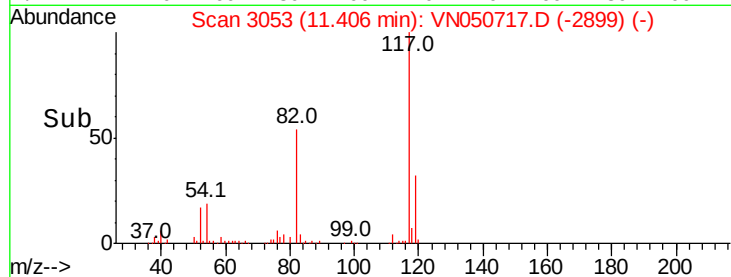
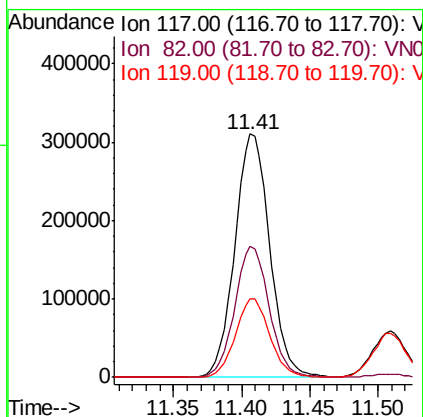
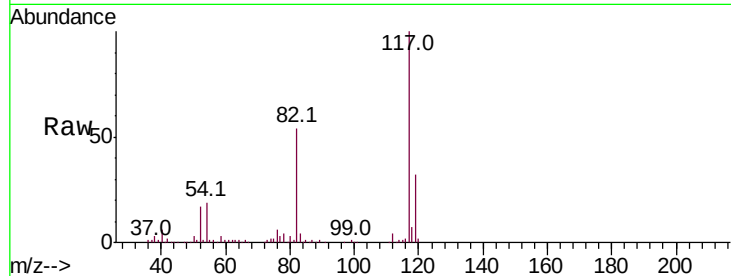




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

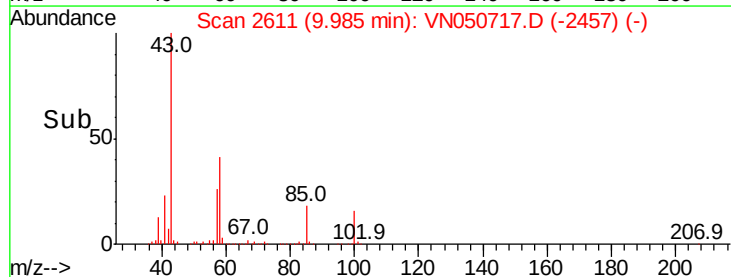
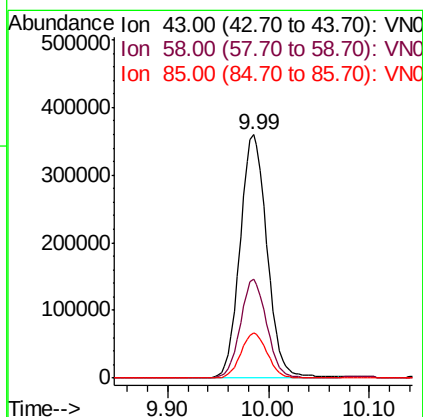
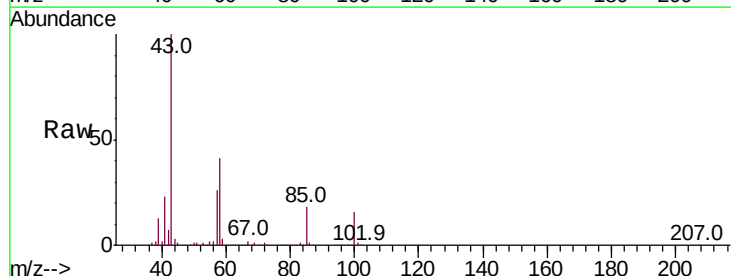
Instrument :
MSVOA_N
ClientSampled :

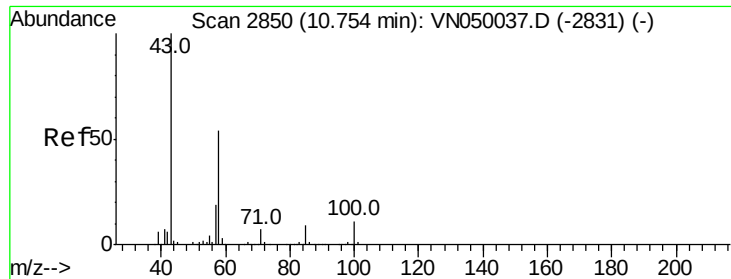
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	31.9	25.4	38.0



#58
4-Methyl-2-Pentanone
Concen: 103.323 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.2	46.8
85	18.1	14.4	21.6

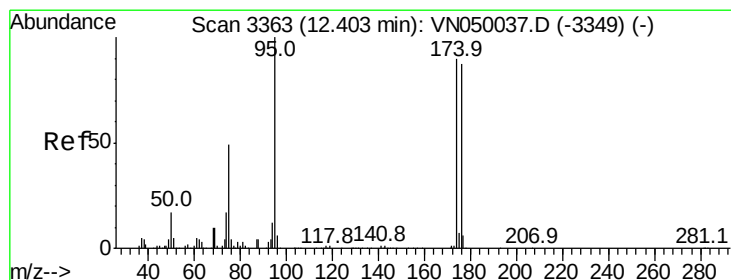
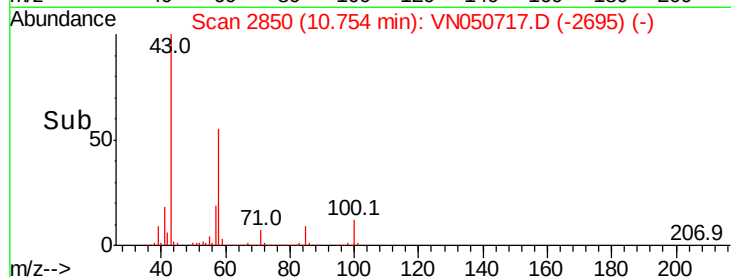
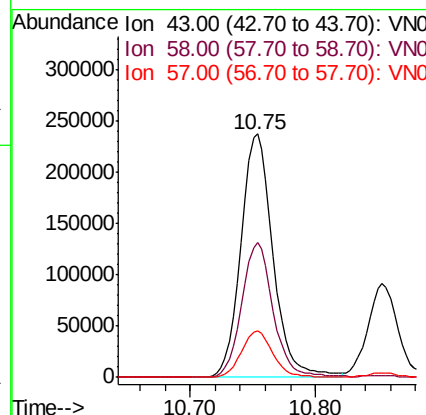
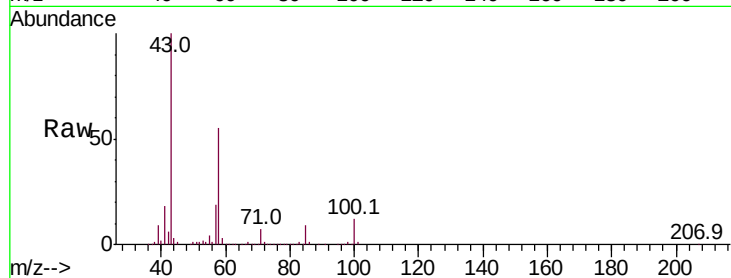




#59
2-Hexanone
Concen: 96.196 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

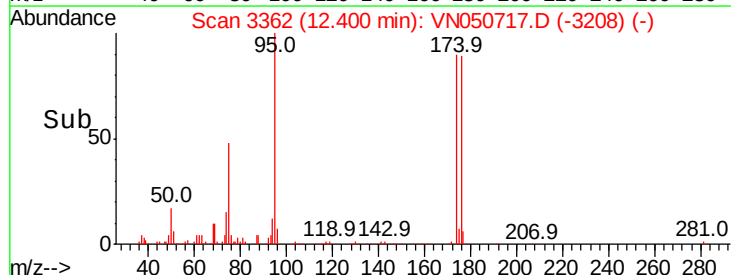
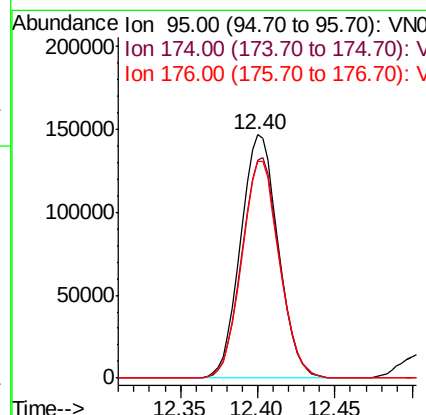
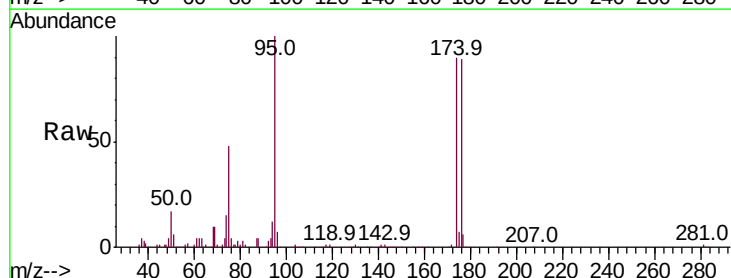
Instrument :
MSVOA_N
ClientSampleId :

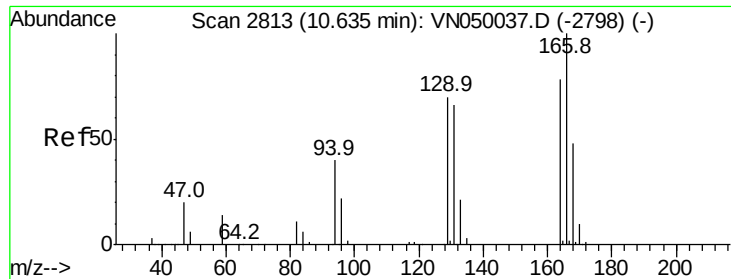
Tot Ion: 43 Resp: 421185
Ion Ratio Lower Upper
43 100
58 54.6 43.8 65.8
57 18.8 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.322 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion: 95 Resp: 248463
Ion Ratio Lower Upper
95 100
174 90.4 72.3 108.5
176 88.8 70.0 105.0





#61

Tetrachloroethene

Concen: 18.974 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 141753

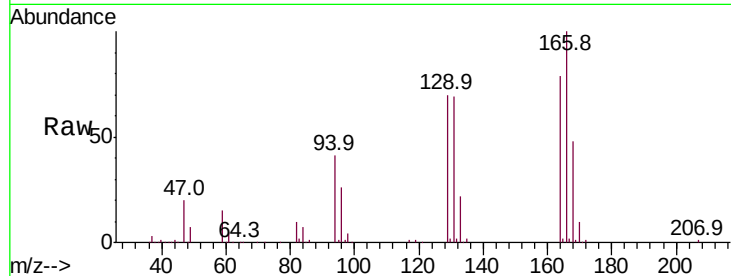
Ion Ratio Lower Upper

164 100

166 126.5 100.0 150.0

129 88.1 69.3 103.9

131 86.9 68.8 103.2

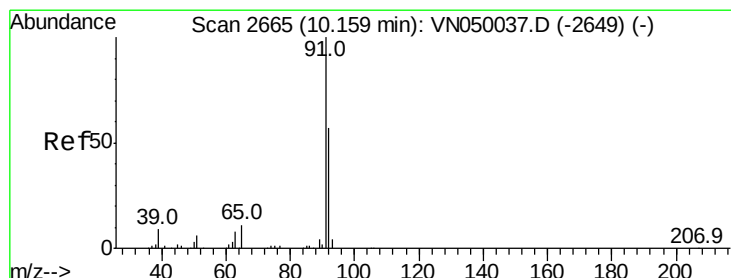
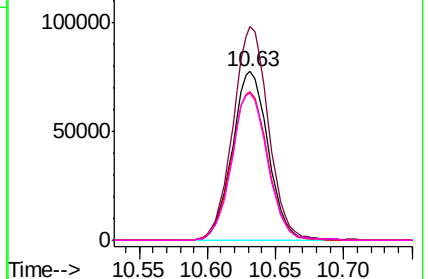
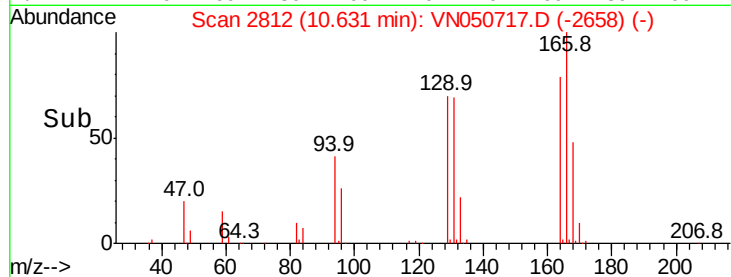


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.757 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050717.D

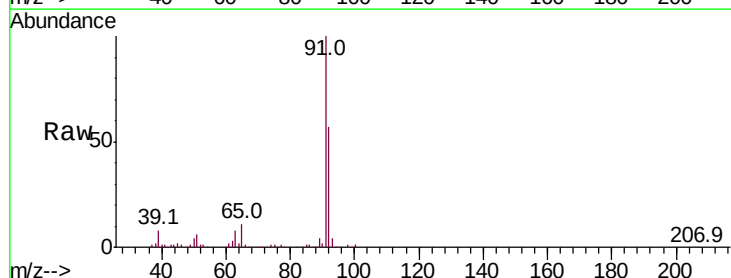
Acq: 17 Aug 2018 9:12

Tgt Ion: 91 Resp: 621731

Ion Ratio Lower Upper

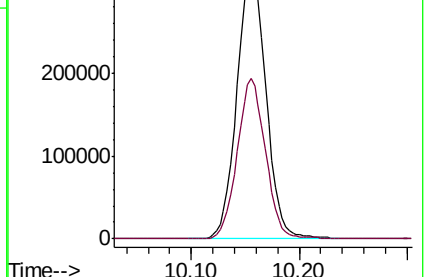
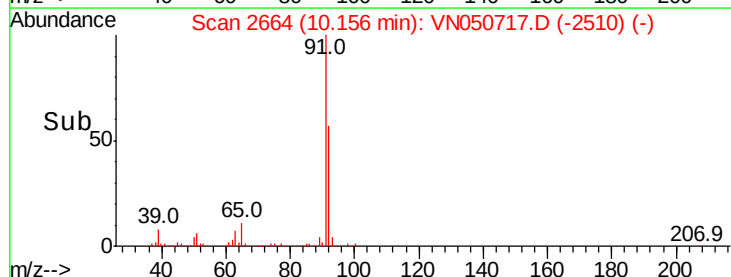
91 100

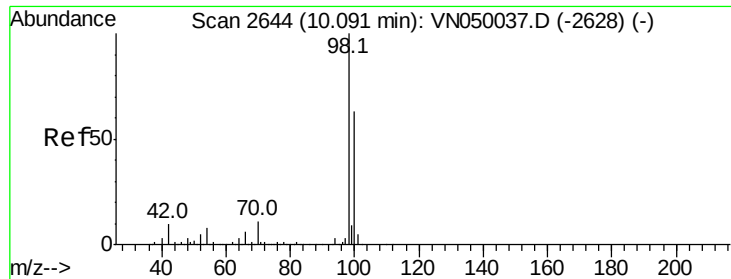
92 57.1 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.833 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

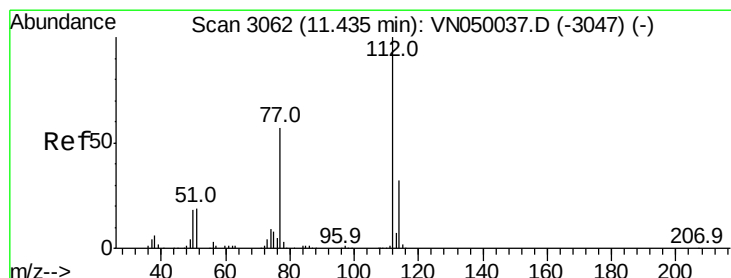
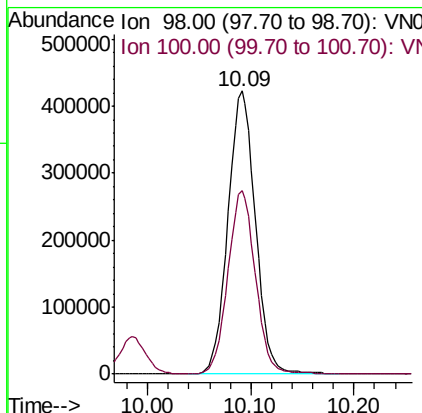
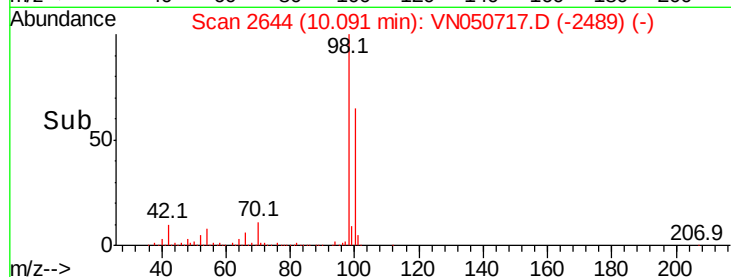
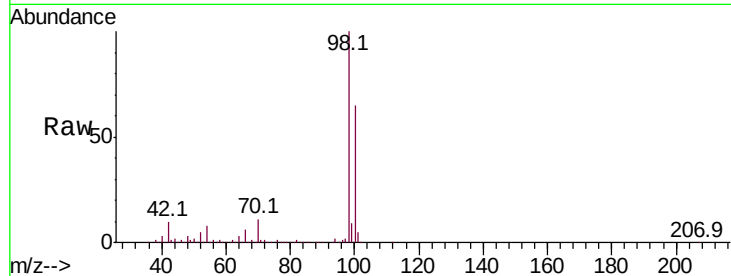
ClientSampleId :

Tot Ion: 98 Resp: 785952

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#64

Chlorobenzene

Concen: 19.871 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN050717.D

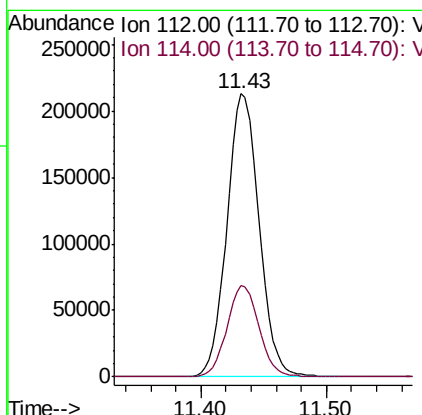
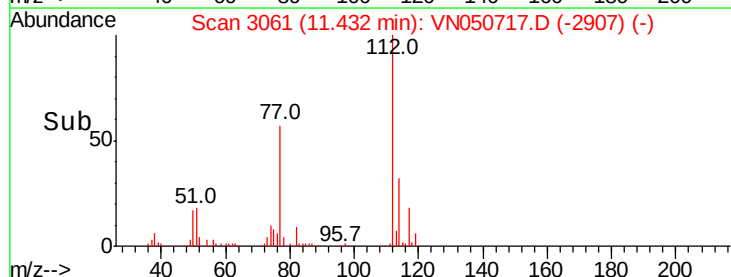
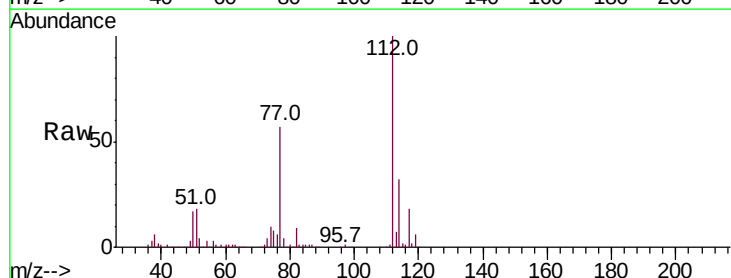
Acq: 17 Aug 2018 9:12

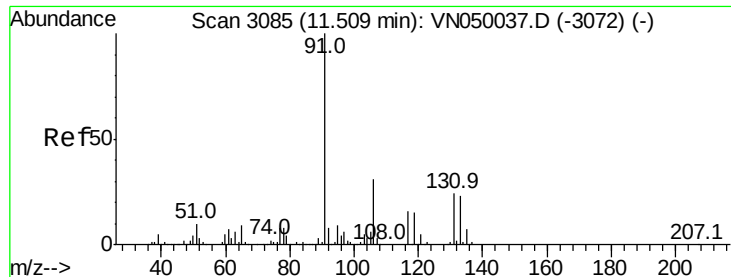
Tgt Ion: 112 Resp: 379180

Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.468 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampled :

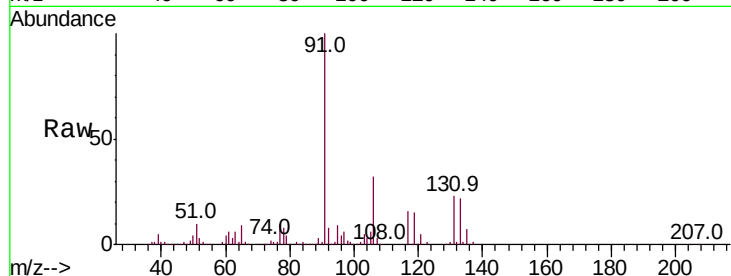
Tot Ion:131 Resp: 144903

Ion Ratio Lower Upper

131 100

133 96.9 0.0 190.0

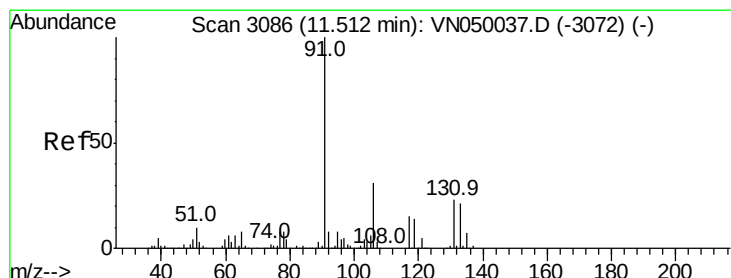
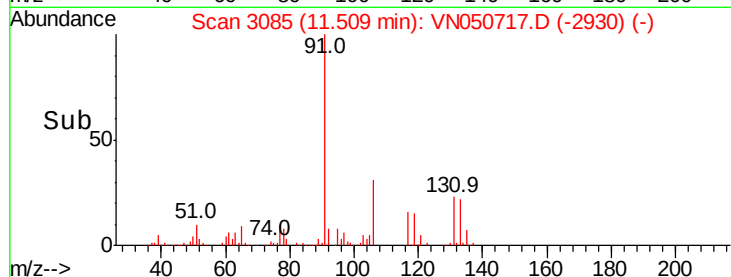
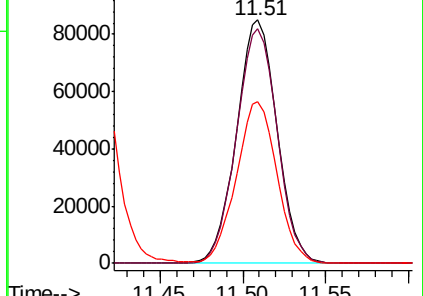
119 66.3 0.0 131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.416 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050717.D

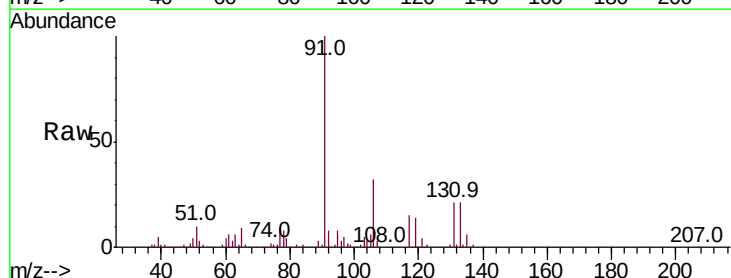
Acq: 17 Aug 2018 9:12

Tgt Ion: 91 Resp: 624380

Ion Ratio Lower Upper

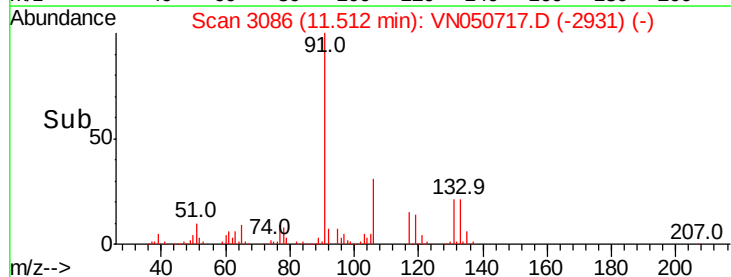
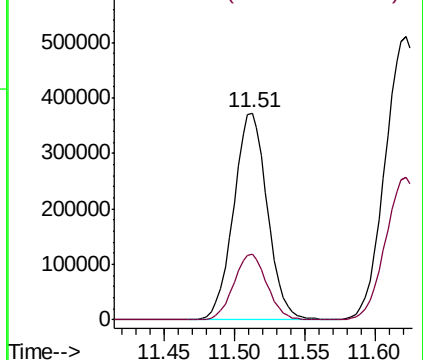
91 100

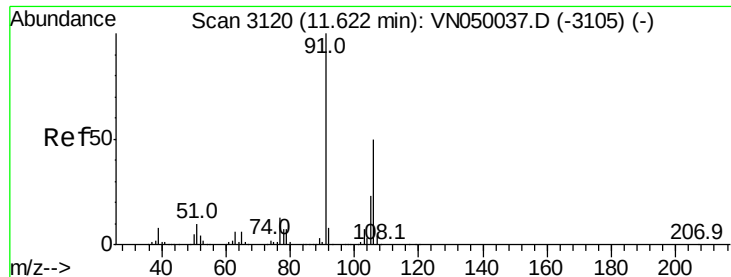
106 31.7 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

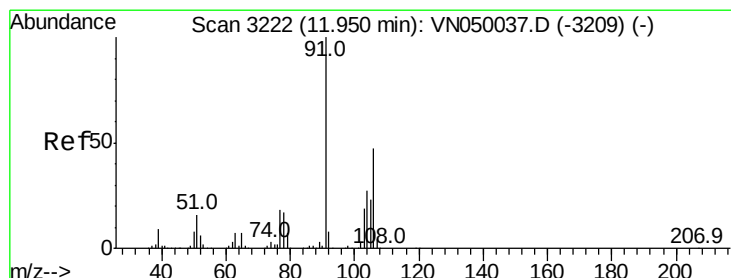
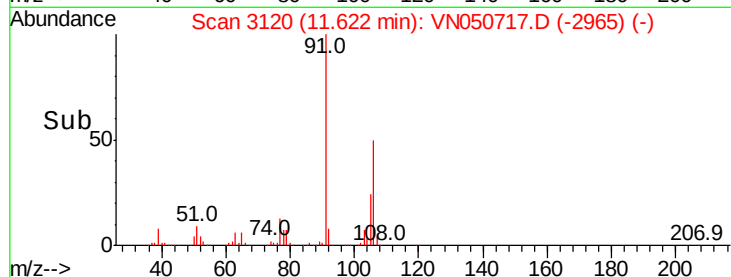
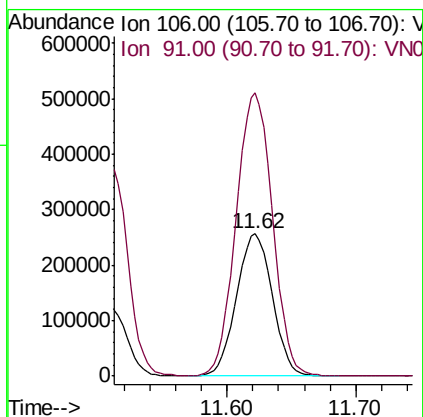
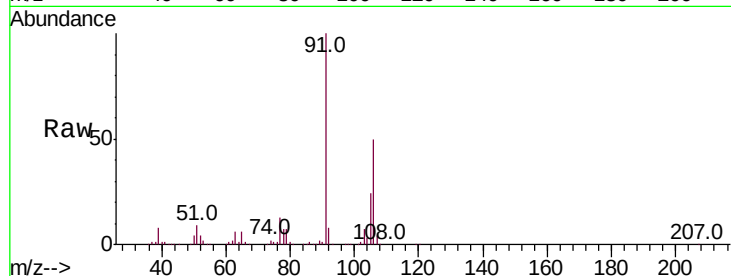




#67
m/p-Xylenes
Concen: 40.223 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

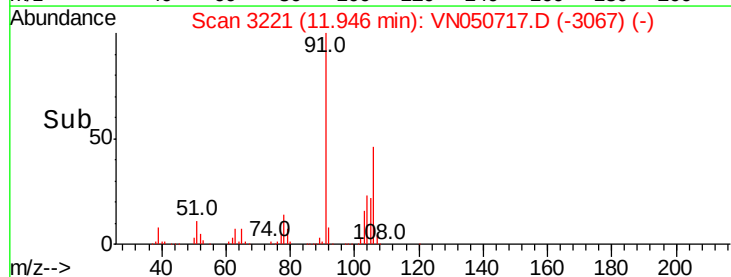
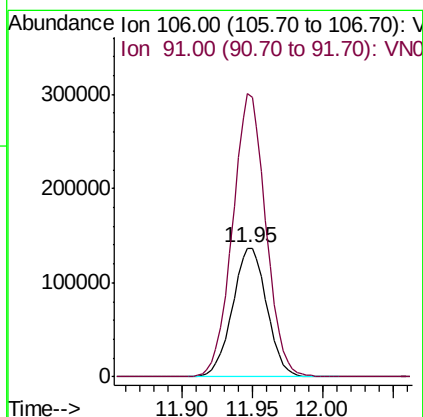
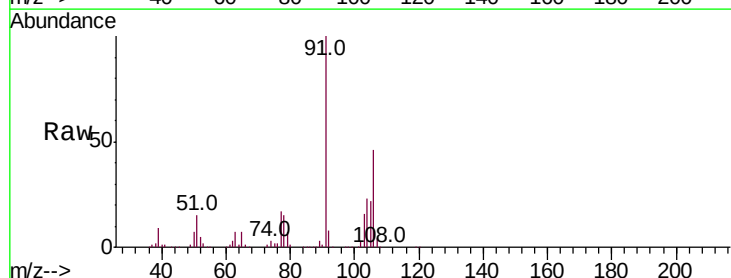
Instrument :
MSVOA_N
ClientSampled :

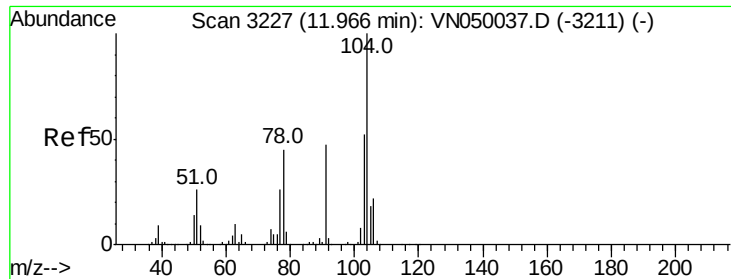
Tot Ion:106 Resp: 497793
Ion Ratio Lower Upper
106 100
91 200.4 162.5 243.7



#68
o-Xylene
Concen: 19.843 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion:106 Resp: 233652
Ion Ratio Lower Upper
106 100
91 212.3 106.8 320.4

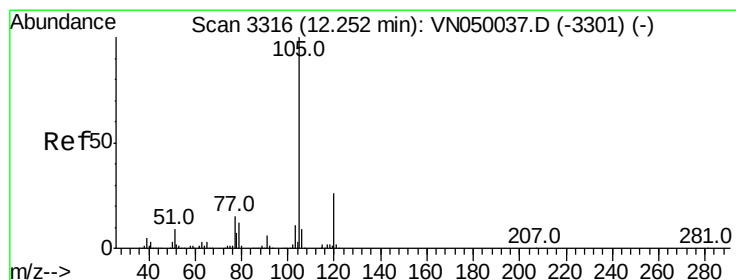
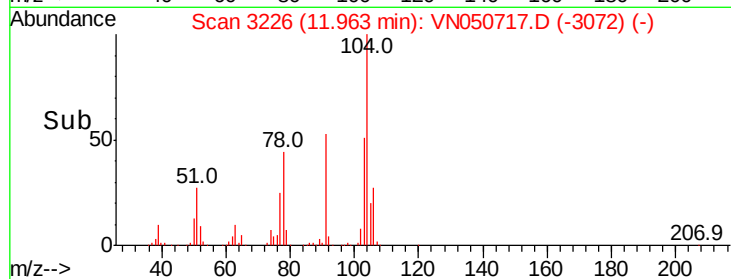
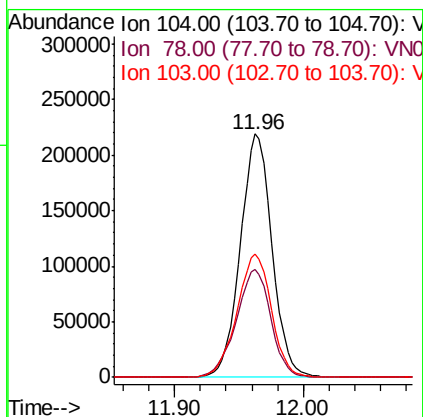
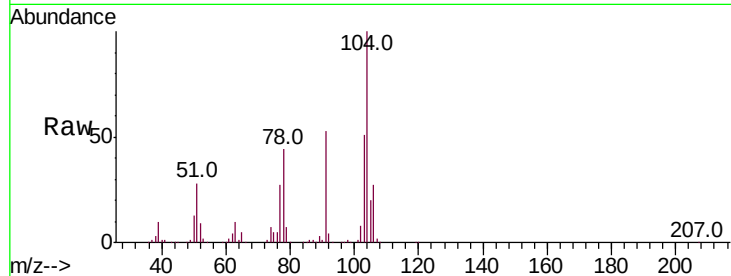




#69
Stvrene
Concen: 19.842 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

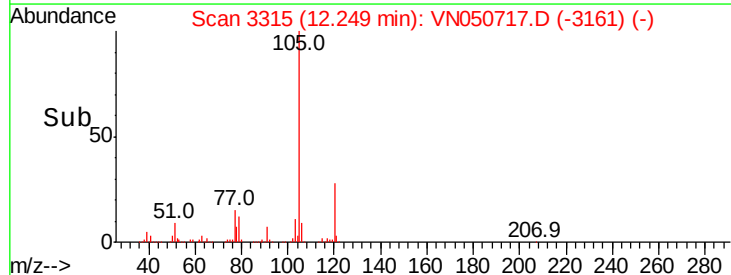
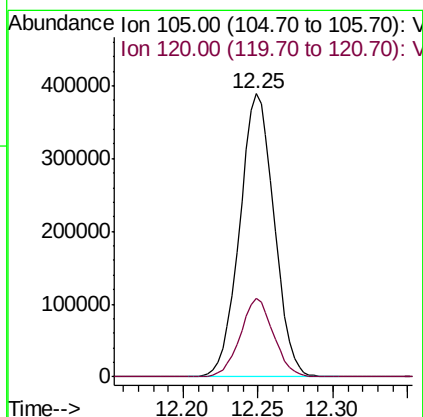
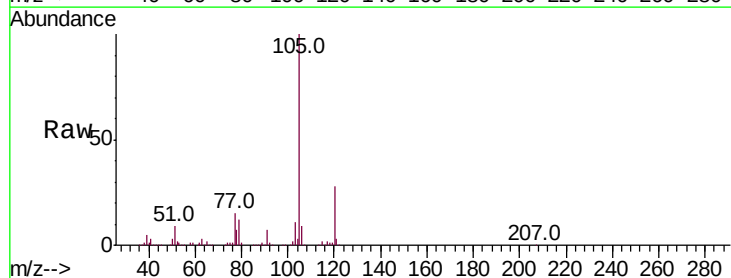
Instrument :
MSVOA_N
ClientSampled :

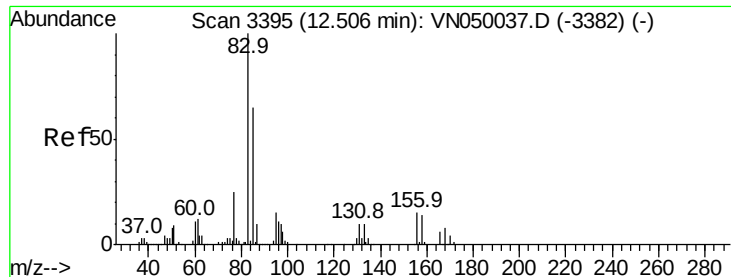
Tot Ion:104 Resp: 374541
Ion Ratio Lower Upper
104 100
78 48.4 39.3 58.9
103 55.3 44.5 66.7



#70
Isopropylbenzene
Concen: 19.880 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion:105 Resp: 623439
Ion Ratio Lower Upper
105 100
120 26.8 18.9 35.1

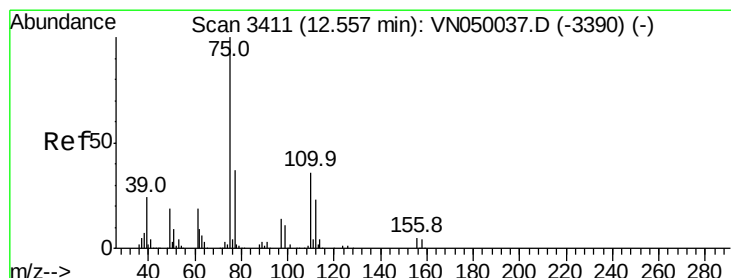
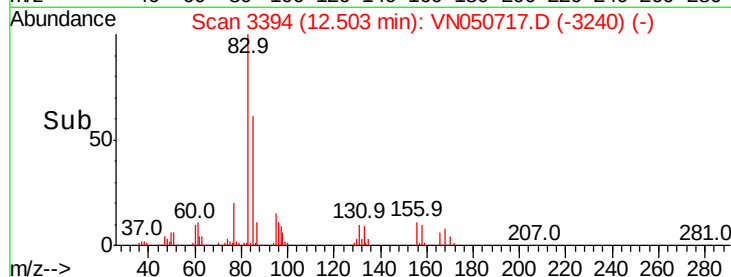
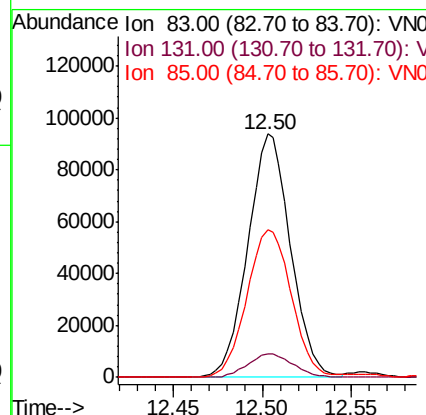
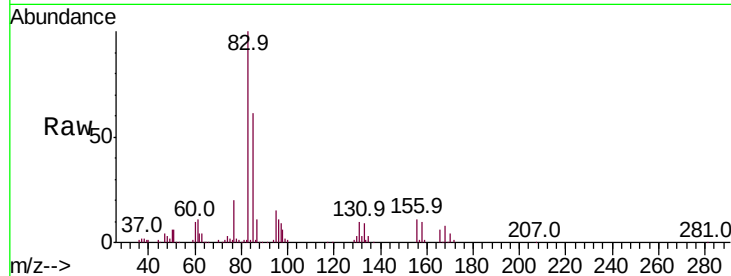




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.223 ug/l
 RT: 12.50 min Scan# 3394
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

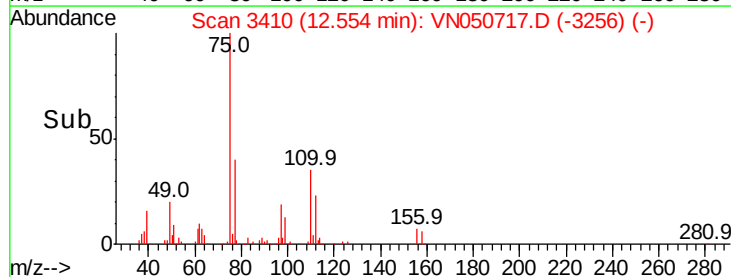
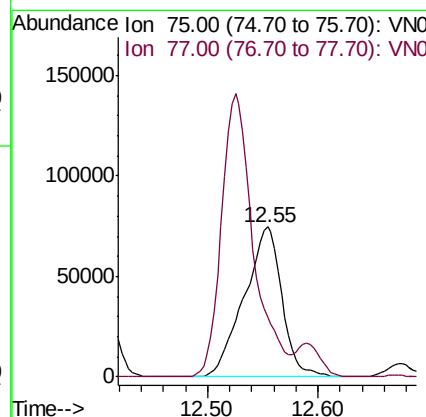
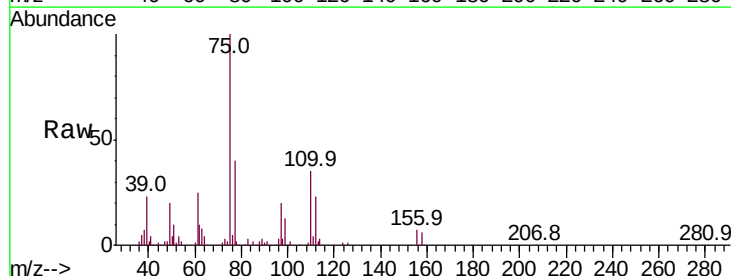
Instrument :
 MSVOA_N
 ClientSampled :

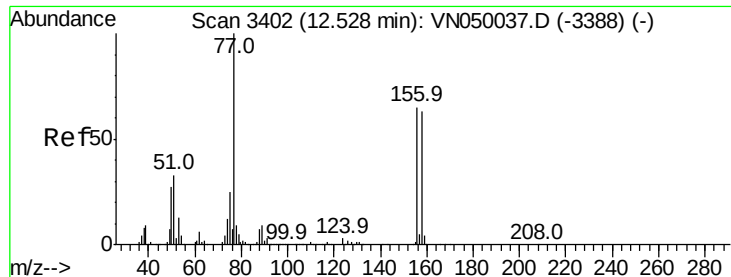
Tot Ion	83	Resp	156906
Ion Ratio	100	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	63.2	31.7	95.1



#72
 1,2,3-Trichloropropane
 Concen: 24.156 ug/l
 RT: 12.55 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion	75	Resp	177637
Ion Ratio	100	Lower	Upper
75	100		
77	160.5	0.0	454.4





#73

Bromobenzene

Concen: 18.771 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampleId :

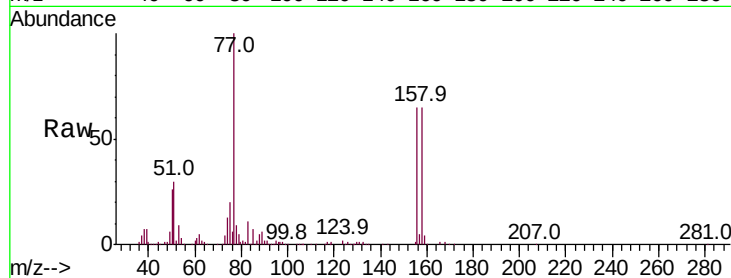
Tot Ion:156 Resp: 156810

Ion Ratio Lower Upper

156 100

77 181.8 0.0 359.8

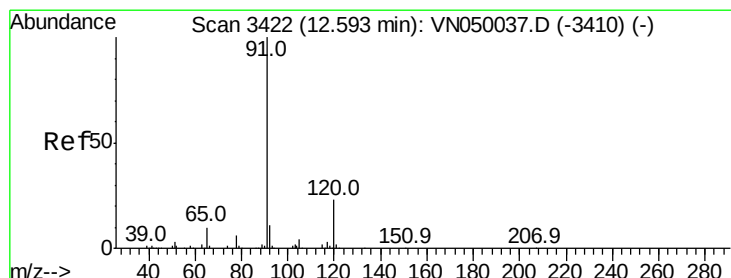
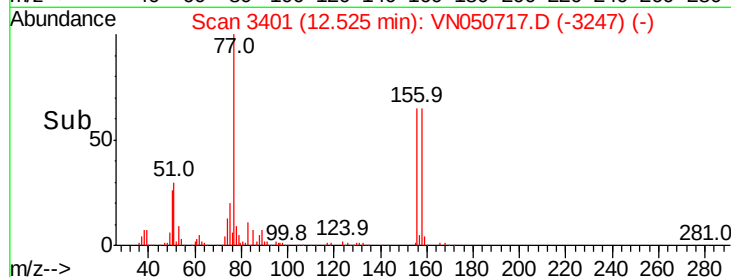
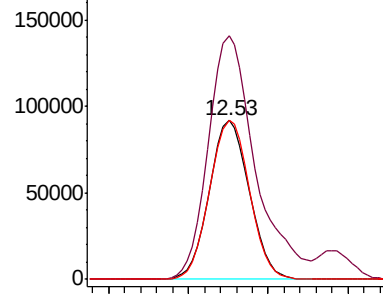
158 99.8 0.0 192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.363 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN050717.D

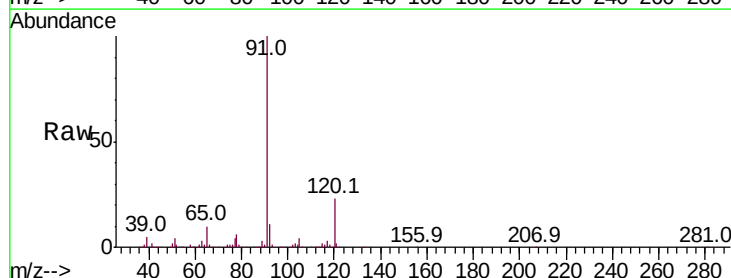
Acq: 17 Aug 2018 9:12

Tgt Ion: 91 Resp: 707198

Ion Ratio Lower Upper

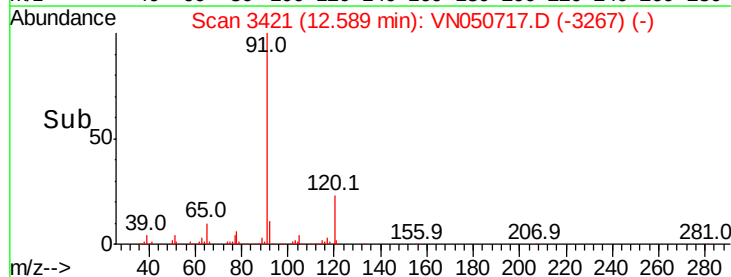
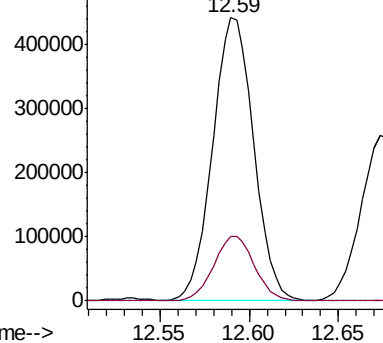
91 100

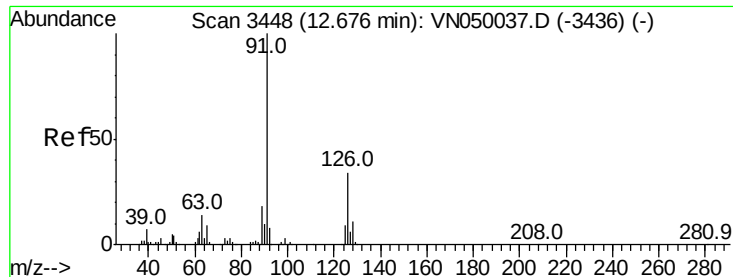
120 22.7 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.665 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

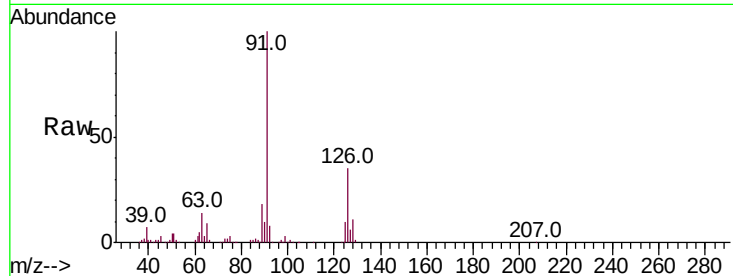
ClientSampled :

Tot Ion: 91 Resp: 431400

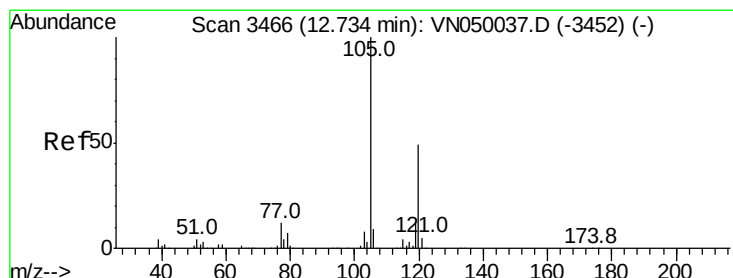
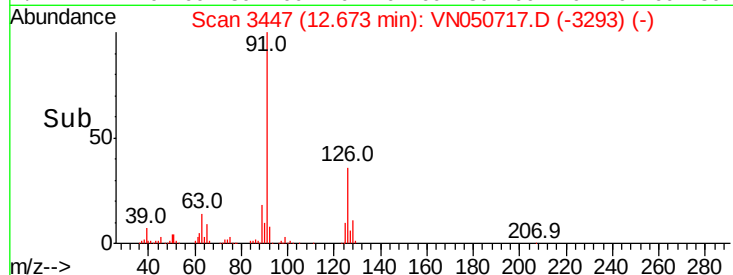
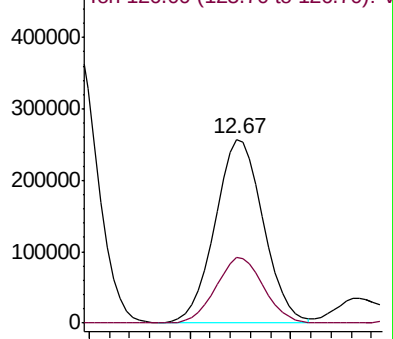
Ion Ratio Lower Upper

91 100

126 35.2 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN050037.D (-3436) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.094 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050717.D

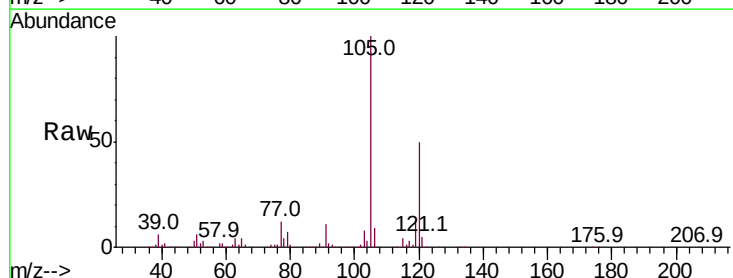
Acq: 17 Aug 2018 9:12

Tgt Ion:105 Resp: 517578

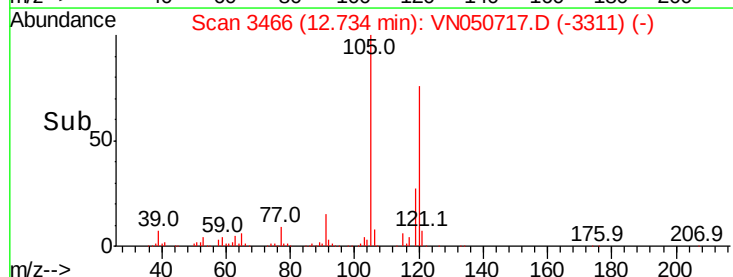
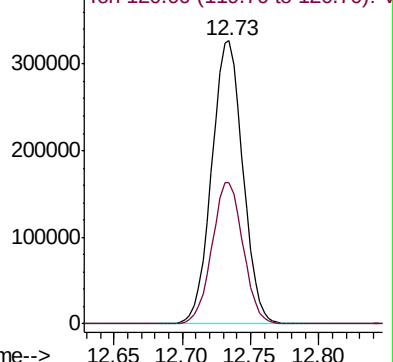
Ion Ratio Lower Upper

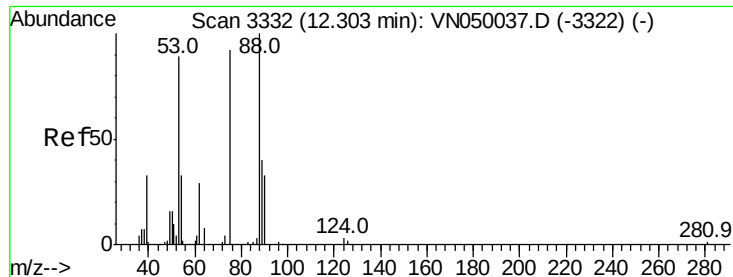
105 100

120 49.7 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN050037.D (-3452) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 14.245 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampleId :

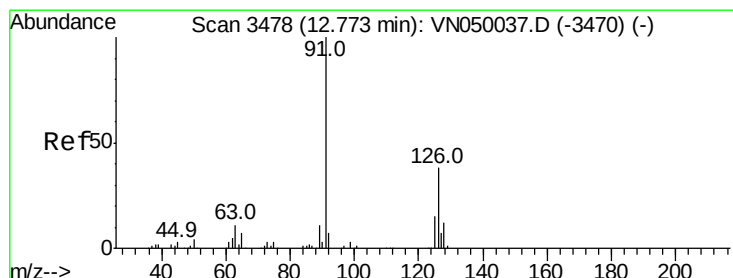
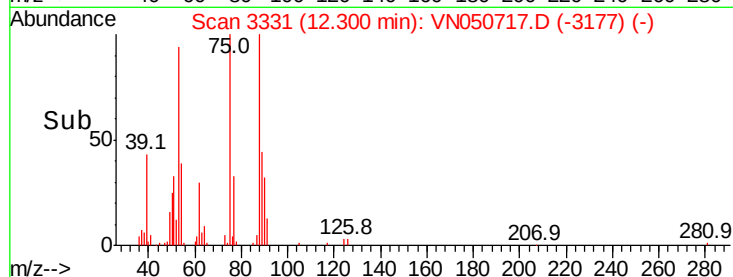
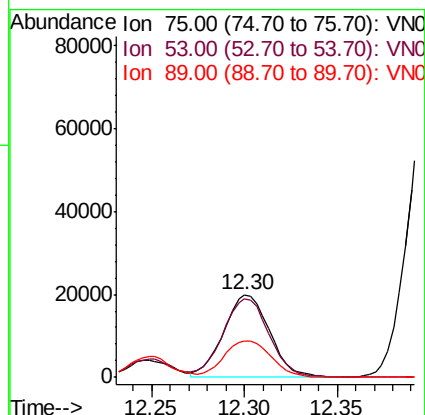
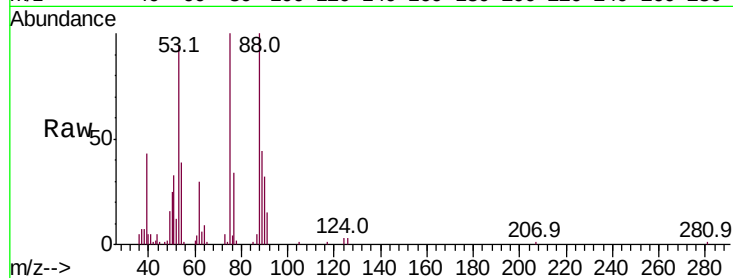
Tot Ion: 75 Resp: 34249

Ion Ratio Lower Upper

75 100

53 94.6 44.6 134.0

89 44.3 20.7 62.1



#78

4-Chlorotoluene

Concen: 19.654 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050717.D

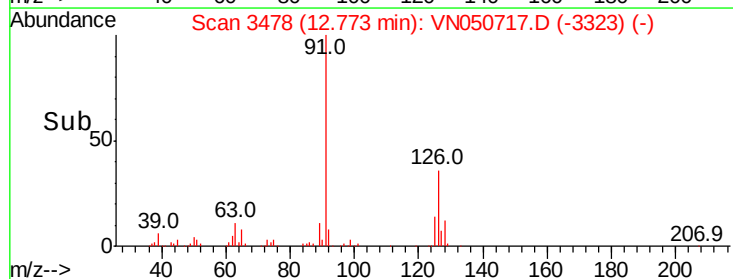
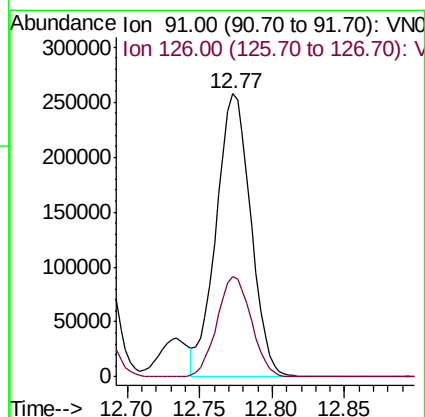
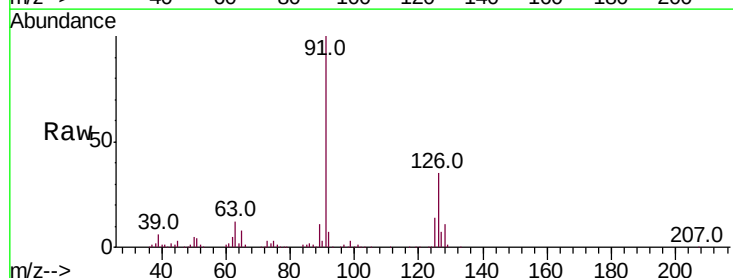
Acq: 17 Aug 2018 9:12

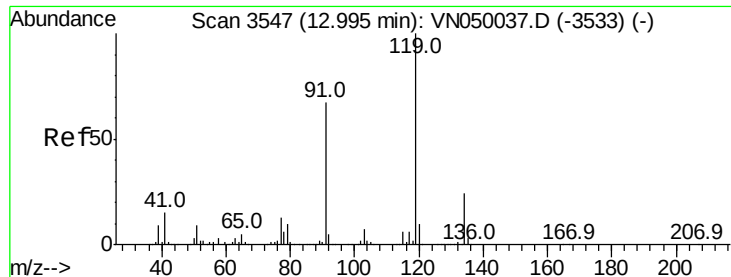
Tgt Ion: 91 Resp: 427264

Ion Ratio Lower Upper

91 100

126 35.2 0.0 68.4





#79

tert-butylbenzene

Concen: 19.573 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampled :

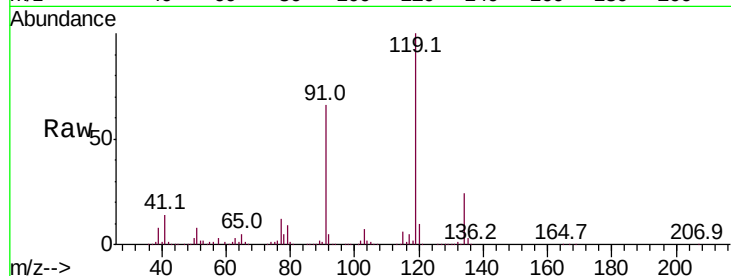
Tot Ion:119 Resp: 431035

Ion Ratio Lower Upper

119 100

91 64.2 0.0 126.8

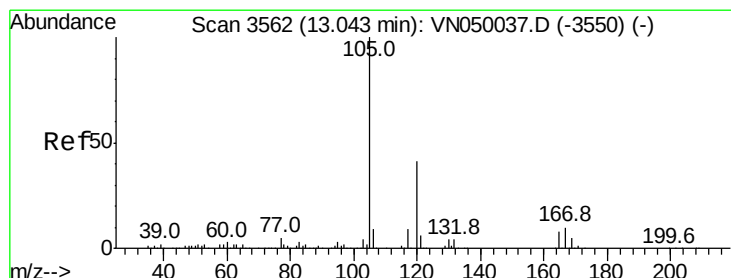
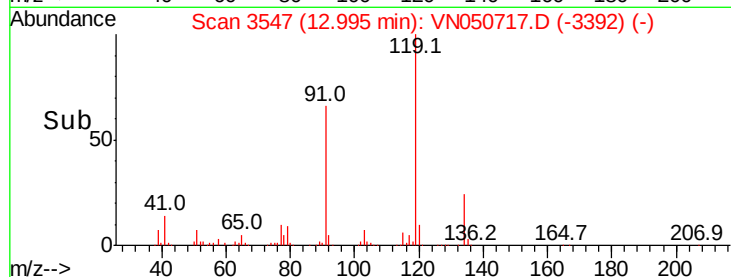
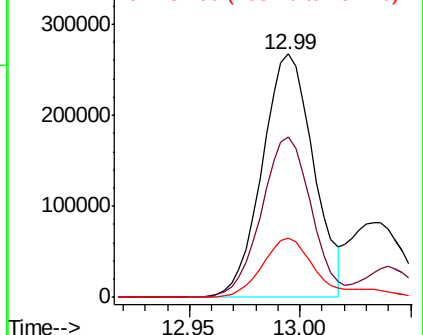
134 24.0 0.0 47.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.971 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN050717.D

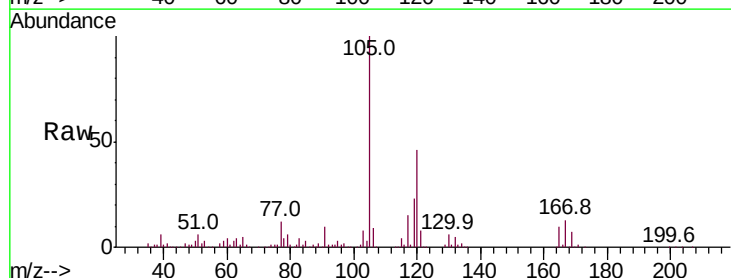
Acq: 17 Aug 2018 9:12

Tgt Ion:105 Resp: 521169

Ion Ratio Lower Upper

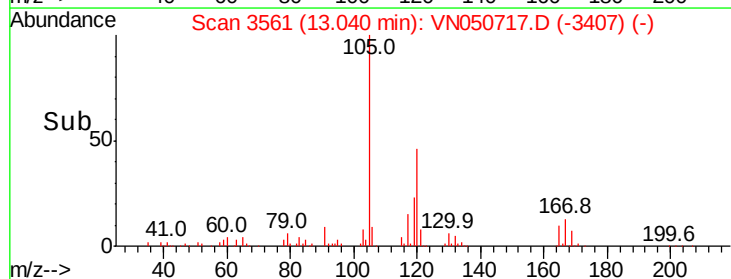
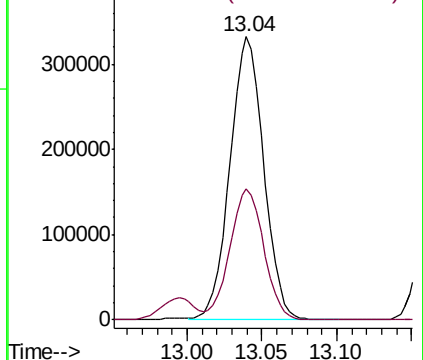
105 100

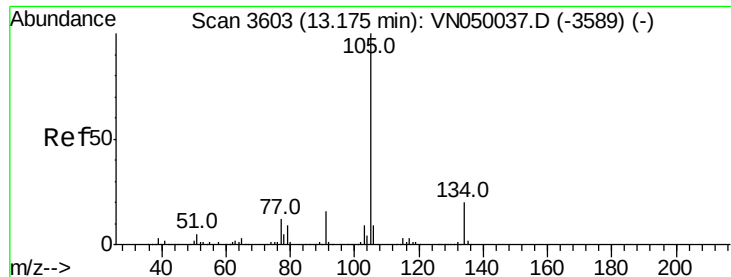
120 46.7 0.0 90.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.323 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

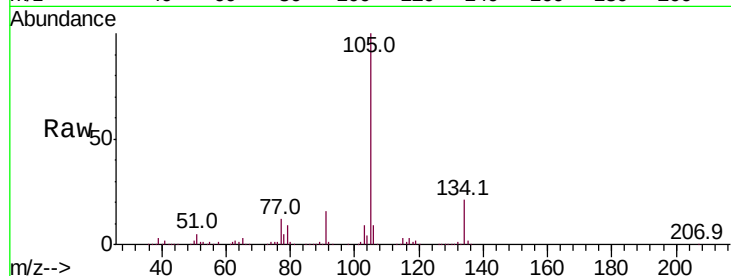
ClientSampleId :

Tot Ion:105 Resp: 578051

Ion Ratio Lower Upper

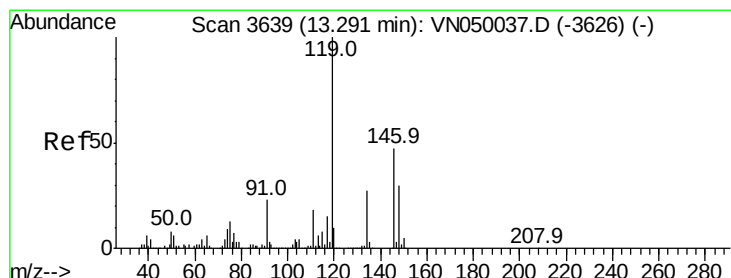
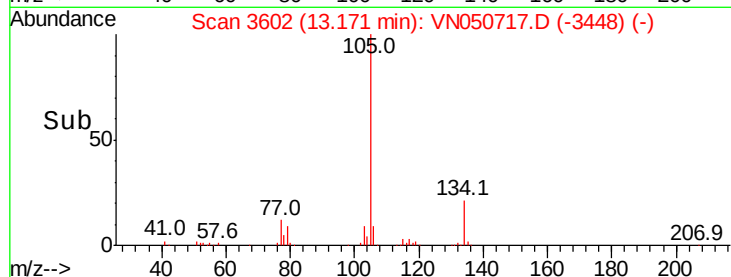
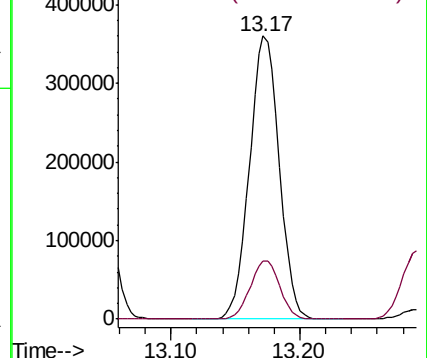
105 100

134 20.6 0.0 40.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.409 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

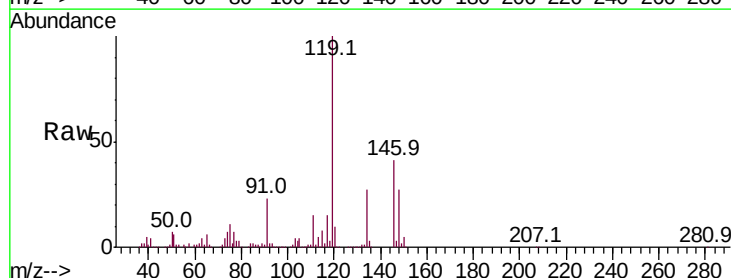
Tgt Ion:119 Resp: 495400

Ion Ratio Lower Upper

119 100

134 26.7 0.0 52.2

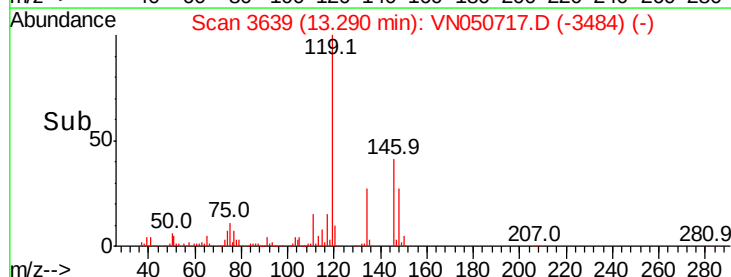
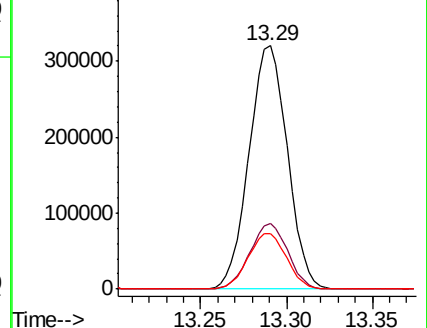
91 22.9 0.0 45.6

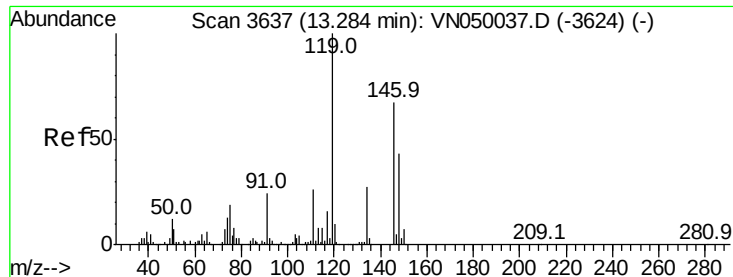


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

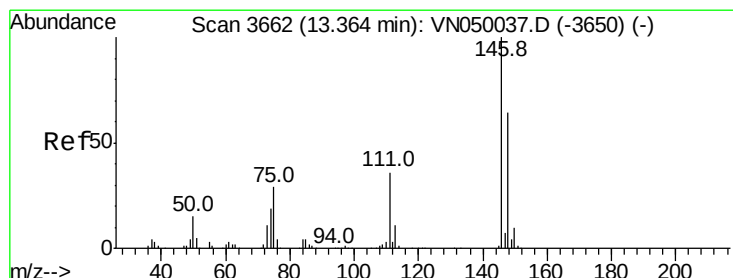
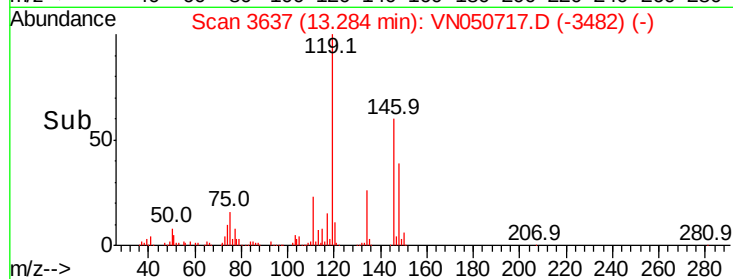
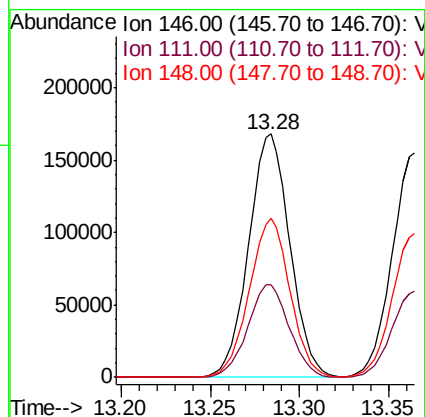
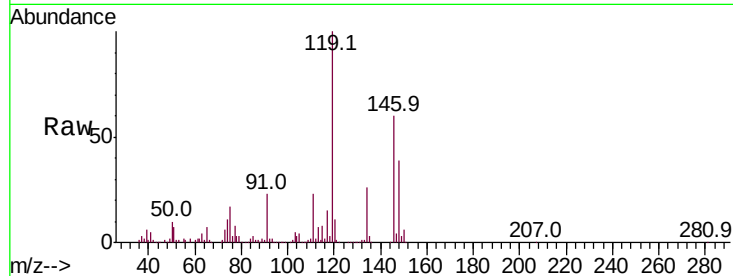




#83
 1,3-Dichlorobenzene
 Concen: 18.693 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

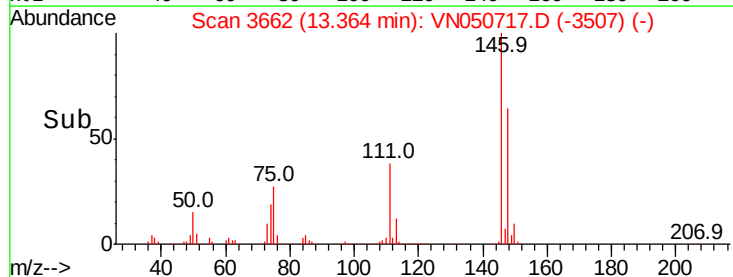
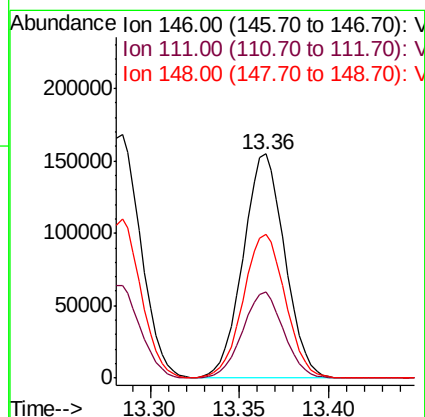
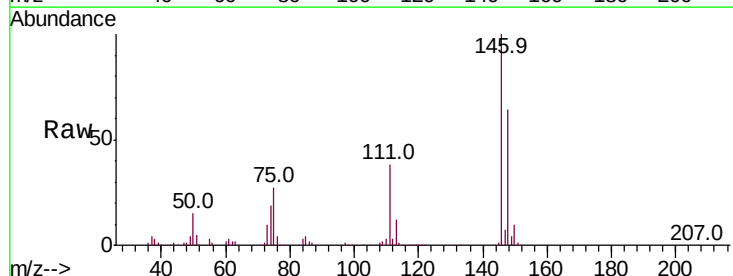
Instrument :
 MSVOA_N
 ClientSampleId :

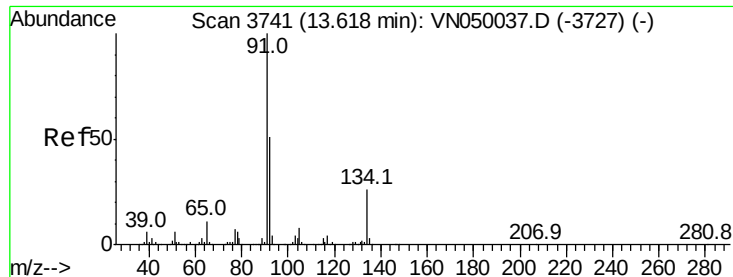
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	64.5	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.462 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	17.9	53.8
148	64.9	32.4	97.0





#85

n-Butylbenzene

Concen: 17.644 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampled :

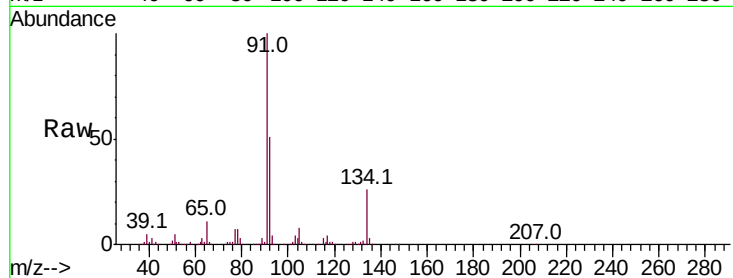
Tot Ion: 91 Resp: 365493

Ion Ratio Lower Upper

91 100

92 50.8 0.0 102.8

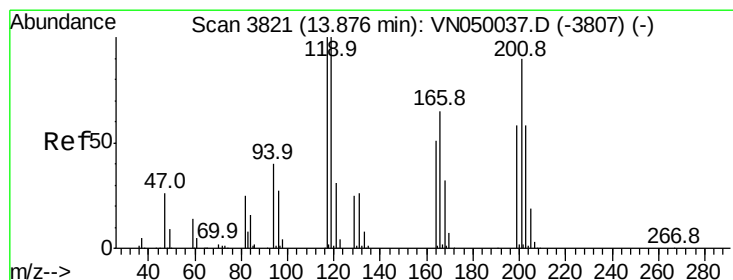
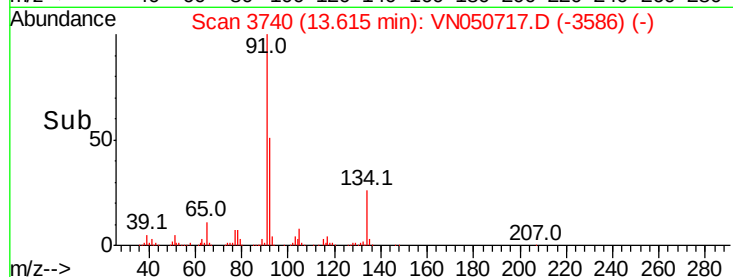
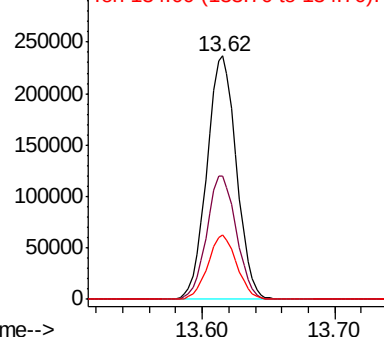
134 25.7 0.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN050037.D (-3727) (-)

Ion 92.00 (91.70 to 92.70): VN050037.D (-3727) (-)

Ion 134.00 (133.70 to 134.70): VN050037.D (-3727) (-)



#86

Hexachloroethane

Concen: 18.527 ug/l

RT: 13.87 min Scan# 3820

Delta R.T. -0.00 min

Lab File: VN050717.D

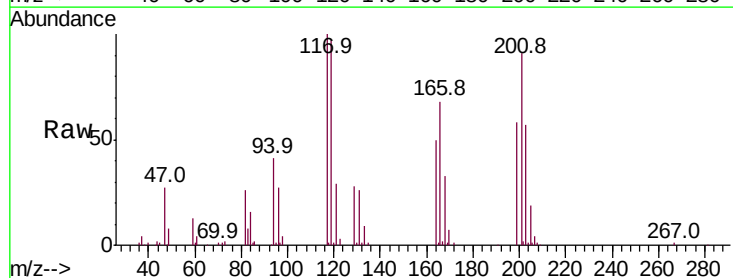
Acq: 17 Aug 2018 9:12

Tgt Ion: 117 Resp: 94502

Ion Ratio Lower Upper

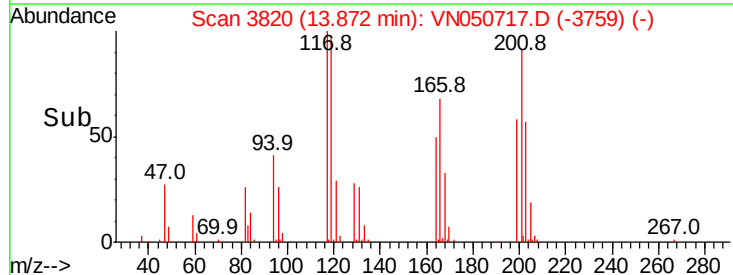
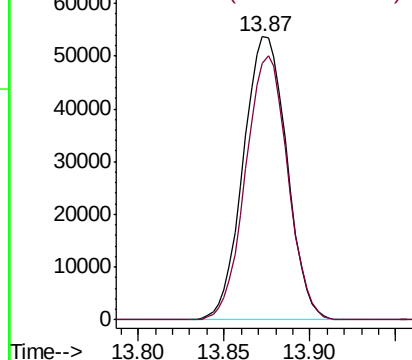
117 100

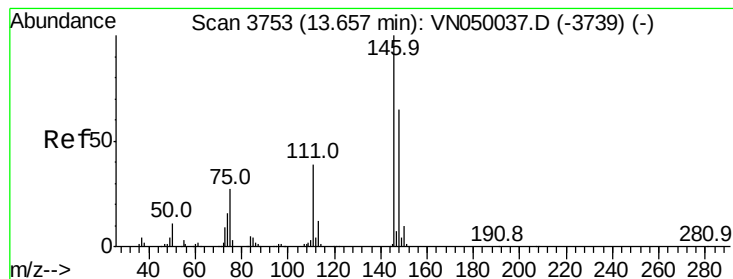
201 90.0 46.6 139.7



Abundance Ion 117.00 (116.70 to 117.70): VN050037.D (-3807) (-)

Ion 201.00 (200.70 to 201.70): VN050037.D (-3807) (-)





#87

1,2-Dichlorobenzene

Concen: 18.703 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050717.D

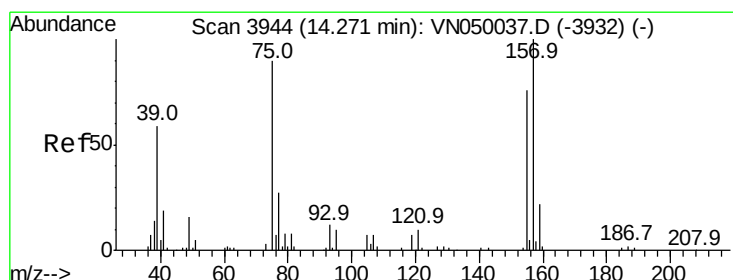
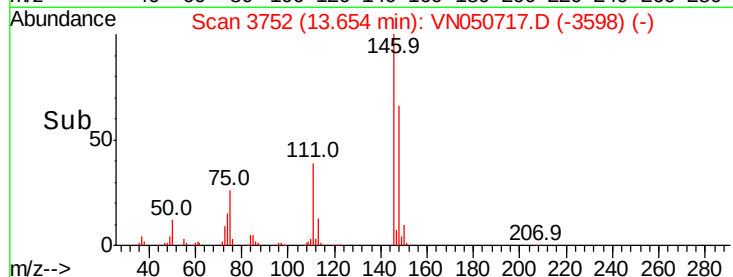
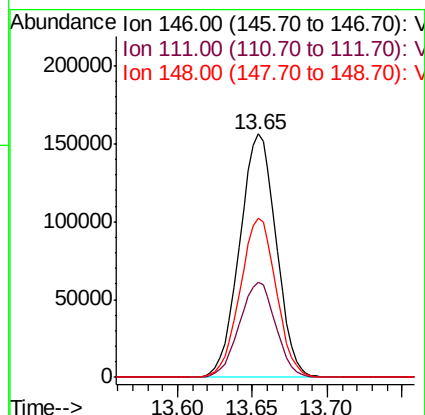
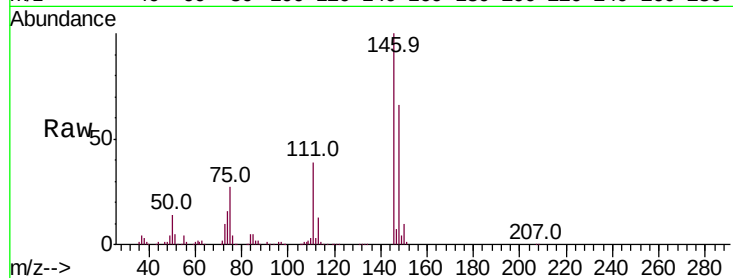
Acq: 17 Aug 2018 9:12

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	265922
Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.3
148	64.8	31.8	95.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 14.643 ug/l

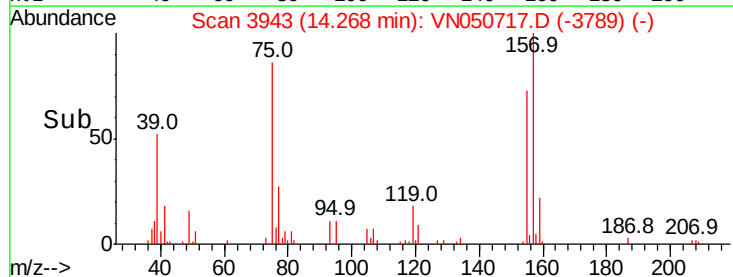
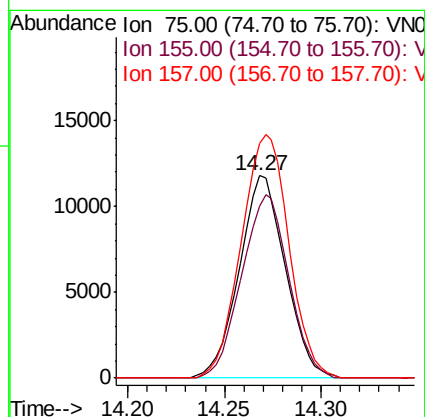
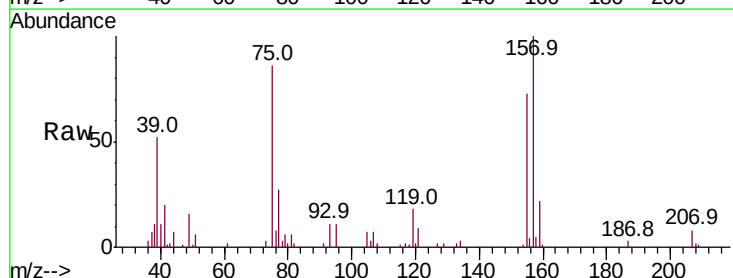
RT: 14.27 min Scan# 3943

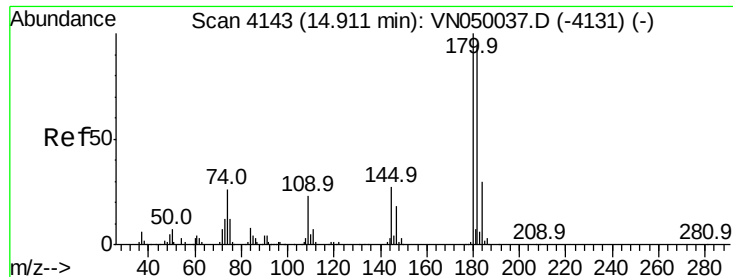
Delta R.T. -0.00 min

Lab File: VN050717.D

Acq: 17 Aug 2018 9:12

Tgt Ion:	75	Resp:	19641
Ion	Ratio	Lower	Upper
75	100		
155	92.0	73.0	109.6
157	124.1	94.9	142.3

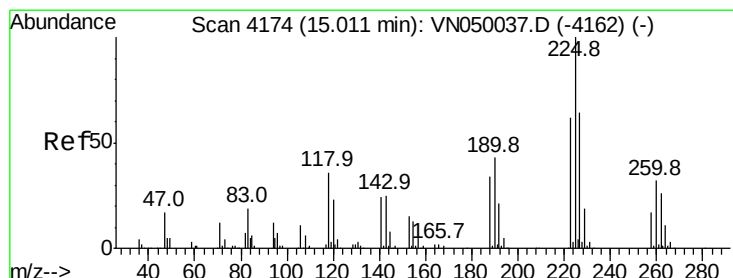
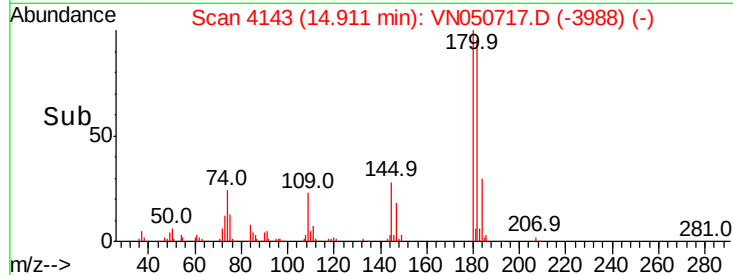
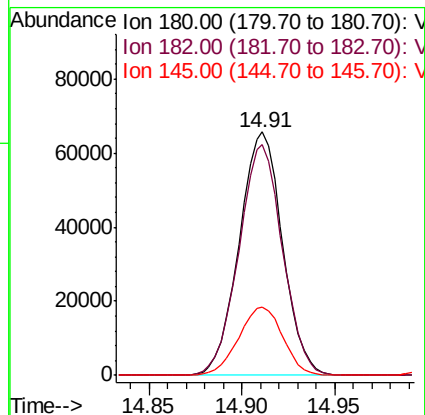
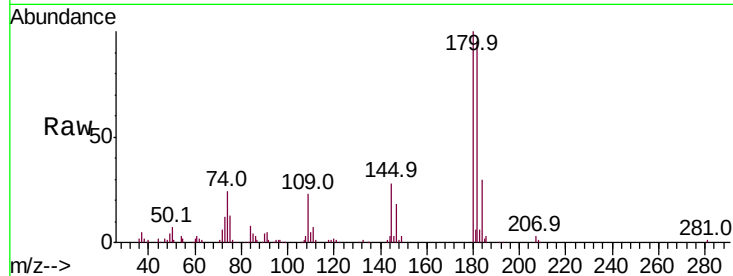




#89
 1,2,4-Trichlorobenzene
 Concen: 15.688 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

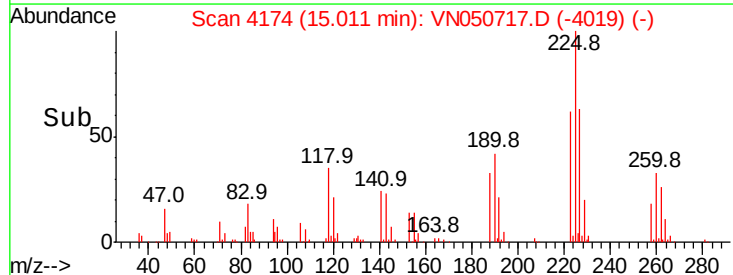
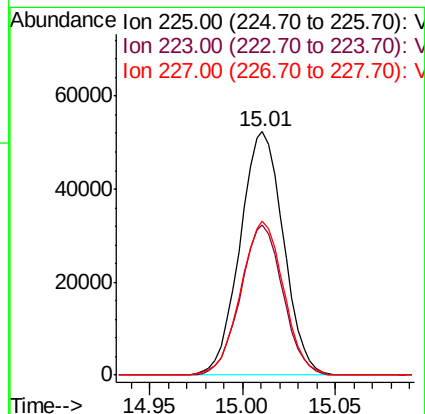
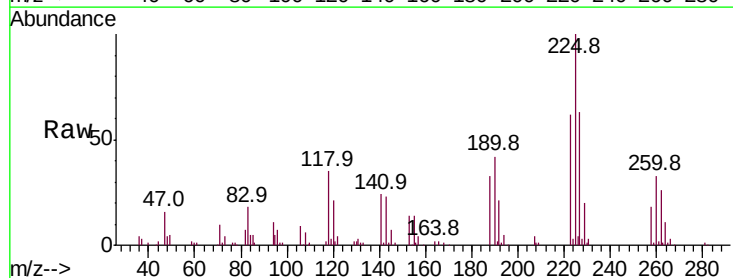
Instrument :
 MSVOA_N
 ClientSampled :

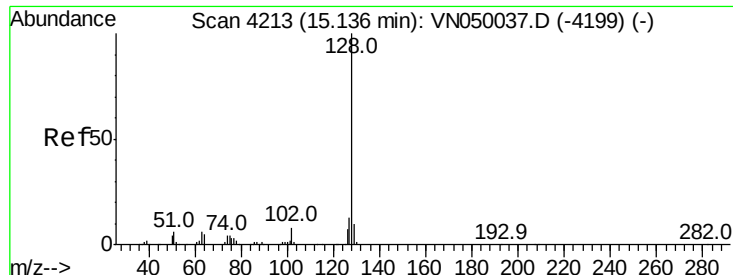
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.7	115.1
145	28.6	23.4	35.0



#90
 Hexachlorobutadiene
 Concen: 19.066 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050717.D
 Acq: 17 Aug 2018 9:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	0.0	124.4
227	62.6	0.0	133.0

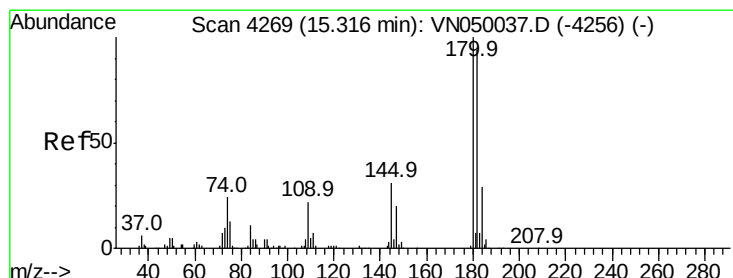
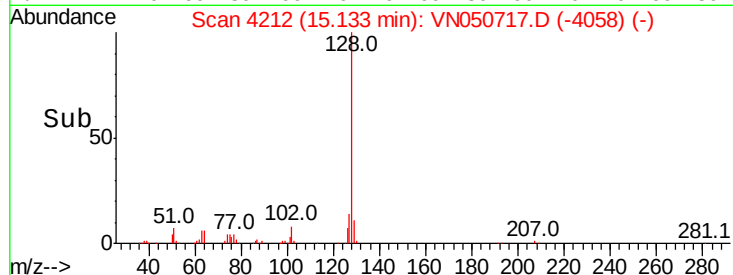
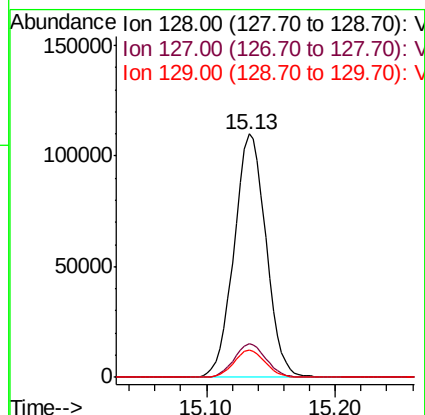
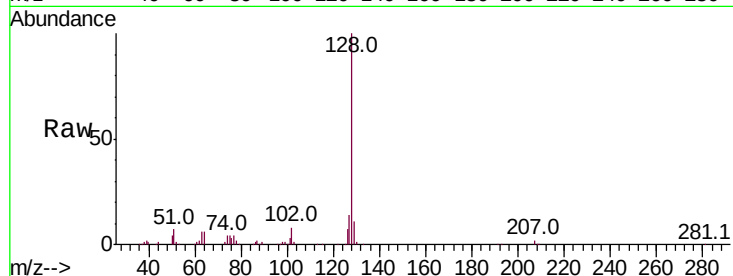




#91
Naphthalene
Concen: 16.532 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	11.0	9.0	13.4



#92
1,2,3-Trichlorobenzene
Concen: 15.701 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050717.D
Acq: 17 Aug 2018 9:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	188.8
145	30.3	0.0	60.8

