

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055188.D
 Acq On : 22 Apr 2019 18:09
 Operator : JC/SP
 Sample : VN0422WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

Quant Time: Apr 23 06:02:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	412149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	676450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	575831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	221741	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	283721	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.59	113	222167	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	10.09	98	817228	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.40	95	257442	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	114968	21.665	ug/l	98
3) Chloromethane	2.06	50	135999	20.915	ug/l	100
4) Vinyl Chloride	2.19	62	108509	20.825	ug/l	95
5) Bromomethane	2.56	94	57822	19.136	ug/l	100
6) Chloroethane	2.70	64	56626	20.620	ug/l	97
7) Trichlorofluoromethane	3.02	101	148207	20.902	ug/l	100
8) Diethyl Ether	3.41	74	53195	21.019	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	87640	19.808	ug/l	99
10) Methyl Iodide	3.95	142	128490	20.709	ug/l	99
11) Tert butyl alcohol	4.79	59	35691	109.588	ug/l	96
12) 1,1-Dichloroethene	3.74	96	86780	20.466	ug/l	98
13) Acrolein	3.61	56	48910	105.880	ug/l	97
14) Allyl chloride	4.33	41	170675	20.361	ug/l	99
15) Acrylonitrile	4.99	53	197030	110.311	ug/l	99
16) Acetone	3.82	43	153264	83.108	ug/l	99
17) Carbon Disulfide	4.05	76	233752	19.718	ug/l	100
18) Methyl Acetate	4.33	43	90851	22.302	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	250578	21.374	ug/l	96
20) Methylene Chloride	4.55	84	101649	19.173	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	92871	20.886	ug/l	98
22) Diisopropyl ether	5.95	45	350946	21.003	ug/l	98
23) Vinyl Acetate	5.90	43	1241552	110.572	ug/l	100
24) 1,1-Dichloroethane	5.85	63	183891	20.461	ug/l	100
25) 2-Butanone	6.84	43	234385	98.445	ug/l	98
26) 2,2-Dichloropropane	6.83	77	114452	18.818	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	104436	20.375	ug/l	99
28) Bromochloromethane	7.20	49	94596	20.648	ug/l	98
29) Tetrahydrofuran	7.22	42	163925	111.981	ug/l	97
30) Chloroform	7.37	83	175958	20.582	ug/l	99
31) Cyclohexane	7.65	56	175635	20.095	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	139936	20.374	ug/l	98
36) 1,1-Dichloropropene	7.79	75	124283	19.795	ug/l	97
37) Ethyl Acetate	6.93	43	106703	21.059	ug/l	99
38) Carbon Tetrachloride	7.77	117	122148	20.776	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055188.D
 Acq On : 22 Apr 2019 18:09
 Operator : JC/SP
 Sample : VN0422WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

Quant Time: Apr 23 06:02:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	143216	19.121	ug/l	98
40) Benzene	8.04	78	391791	20.215	ug/l	99
41) Methacrylonitrile	7.21	41	154207	58.050	ug/l #	24
42) 1,2-Dichloroethane	8.12	62	136802	20.232	ug/l	99
43) Isopropyl Acetate	8.17	43	185107	22.560	ug/l	98
44) Trichloroethene	8.83	130	97239	19.850	ug/l	99
45) 1,2-Dichloropropane	9.12	63	110548	20.207	ug/l	100
46) Dibromomethane	9.21	93	63183	20.174	ug/l	98
47) Bromodichloromethane	9.40	83	126702	20.209	ug/l	95
48) Methyl methacrylate	9.20	41	83662	21.020	ug/l	96
49) 1,4-Dioxane	9.20	88	19029	414.005	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	499361	105.764	ug/l	100
52) Toluene	10.16	92	227089	19.987	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	115686	20.106	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	145398	20.364	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	86852	20.734	ug/l	96
56) Ethyl methacrylate	10.43	69	111707	21.407	ug/l	98
57) 1,3-Dichloropropane	10.71	76	151277	20.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	180310	96.910	ug/l	99
59) 2-Hexanone	10.75	43	312781	104.879	ug/l	100
60) Dibromochloromethane	10.90	129	86947	20.152	ug/l	96
61) 1,2-Dibromoethane	11.00	107	82081	20.841	ug/l	100
64) Tetrachloroethene	10.63	164	91460	19.470	ug/l	97
65) Chlorobenzene	11.43	112	231238	19.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	85473	19.621	ug/l	99
67) Ethyl Benzene	11.51	91	419292	20.027	ug/l	100
68) m/p-Xylenes	11.62	106	305490	40.683	ug/l	100
69) o-Xylene	11.95	106	153380	20.582	ug/l	96
70) Styrene	11.96	104	243279	21.061	ug/l	98
71) Bromoform	12.13	173	52135	20.056	ug/l #	100
73) Isopropylbenzene	12.25	105	399680	21.130	ug/l	100
74) N-amyl acetate	12.07	43	122625	21.449	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	105286	21.979	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	120825	26.859	ug/l #	100
77) Bromobenzene	12.53	156	94835	19.373	ug/l	98
78) n-propylbenzene	12.59	91	430256	19.348	ug/l	99
79) 2-Chlorotoluene	12.67	91	272004	19.371	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	325883	19.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22154	18.669	ug/l	94
82) 4-Chlorotoluene	12.77	91	248906	19.266	ug/l	98
83) tert-Butylbenzene	12.99	119	279634	21.150	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	307162	19.609	ug/l	100
85) sec-Butylbenzene	13.17	105	353363	18.817	ug/l	99
86) p-Isopropyltoluene	13.29	119	300126	19.399	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	148487	19.760	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	140675	19.228	ug/l	99
89) n-Butylbenzene	13.61	91	211093	18.407	ug/l	99
90) Hexachloroethane	13.87	117	48397	17.638	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	148277	19.211	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14097	20.936	ug/l	96

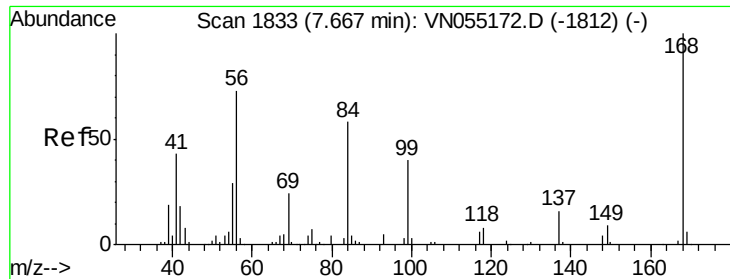
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
Data File : VN055188.D
Acq On : 22 Apr 2019 18:09
Operator : JC/SP
Sample : VN0422WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

Quant Time: Apr 23 06:02:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49799	17.173	ug/l	98
94) Hexachlorobutadiene	15.01	225	49792	20.807	ug/l	96
95) Naphthalene	15.13	128	109695	17.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	54808	18.328	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

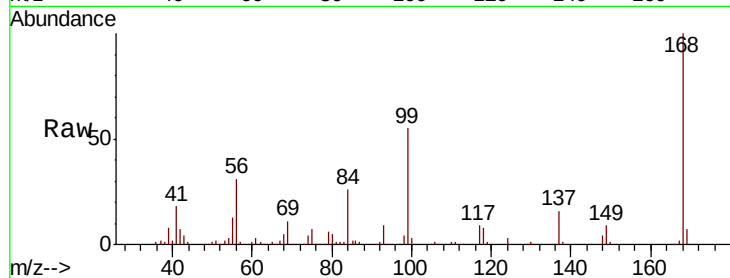
VN0422WBSD01

Tot Ion:168 Resp: 412149

Ion Ratio Lower Upper

168 100

99 54.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

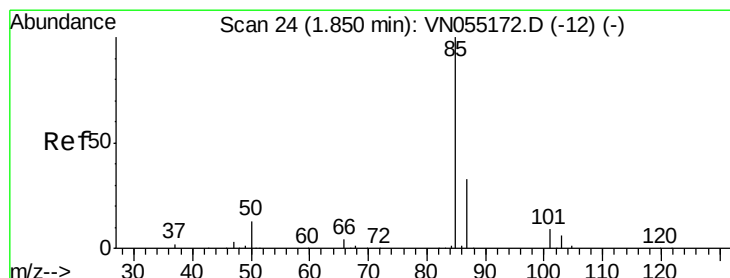
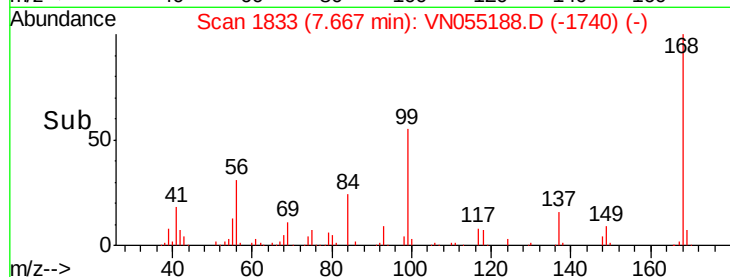
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.665 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055188.D

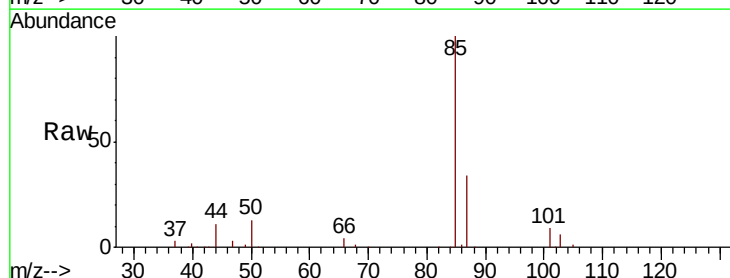
Acq: 22 Apr 2019 18:09

Tgt Ion: 85 Resp: 114968

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

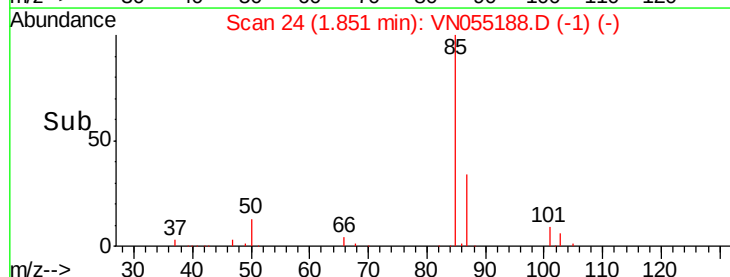
40000

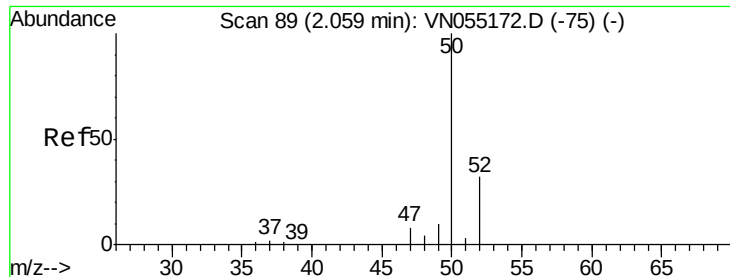
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.915 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

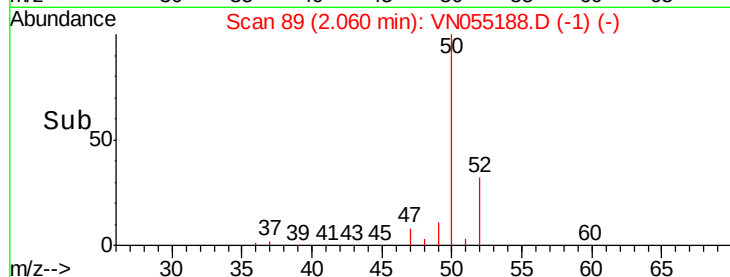
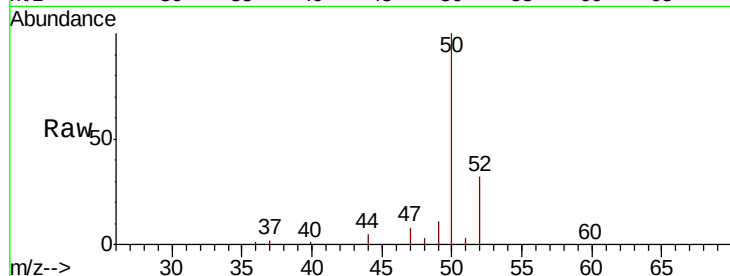
VN0422WBSD01

Tot Ion: 50 Resp: 135999

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

100000

80000

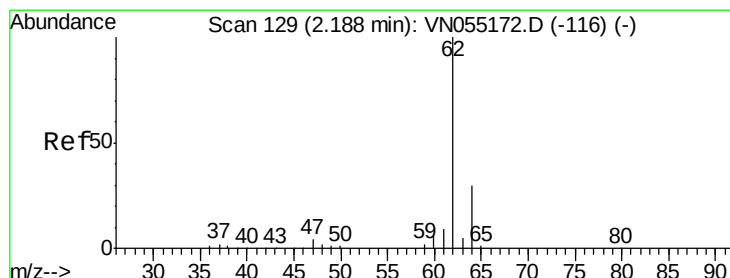
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 20.825 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055188.D

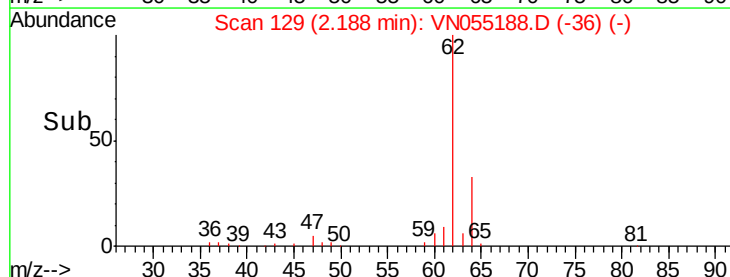
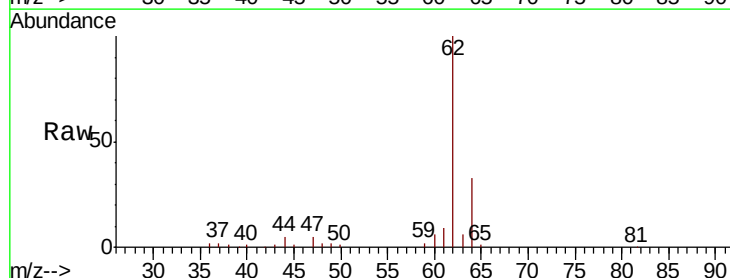
Acq: 22 Apr 2019 18:09

Tgt Ion: 62 Resp: 108509

Ion Ratio Lower Upper

62 100

64 33.2 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

80000

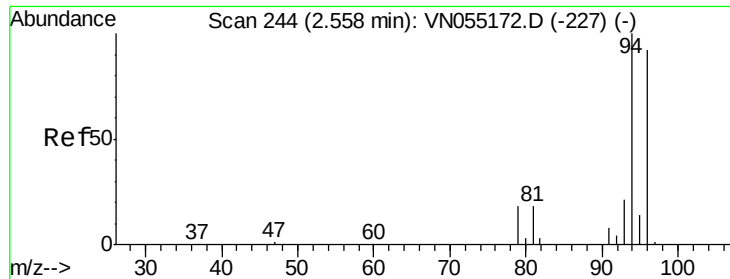
60000

40000

20000

0

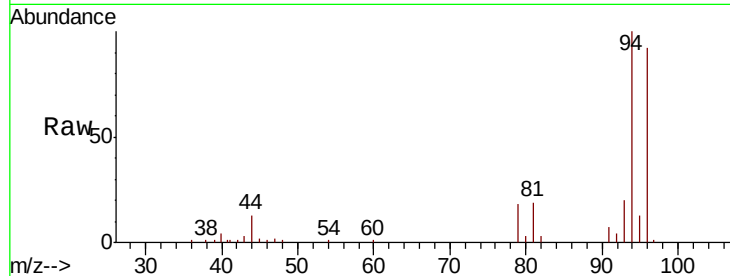
Time-->



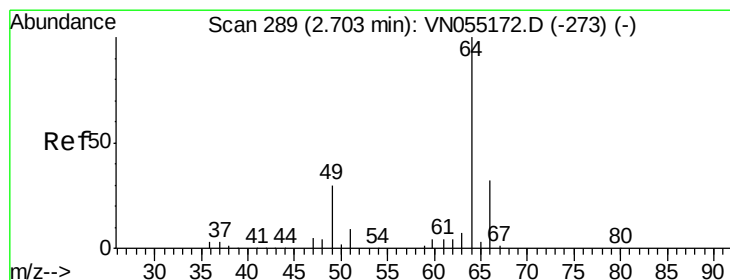
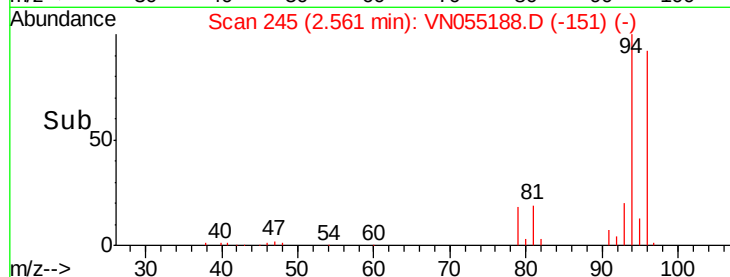
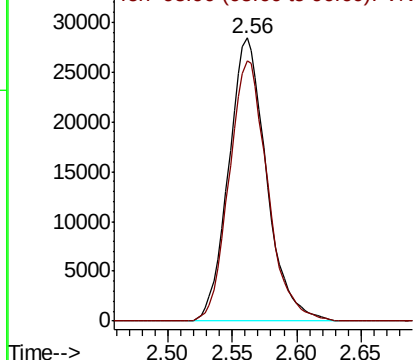
#5
Bromomethane
Concen: 19.136 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

Tot Ion: 94 Resp: 57822
Ion Ratio Lower Upper
94 100
96 92.2 73.4 110.2

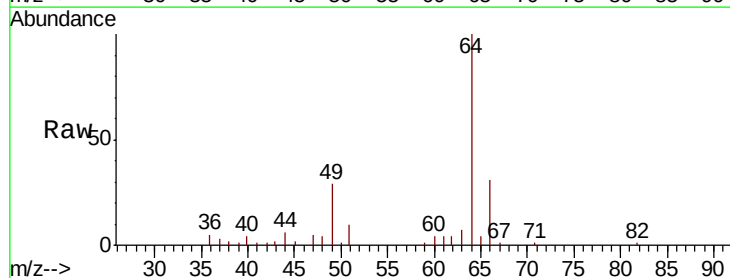


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

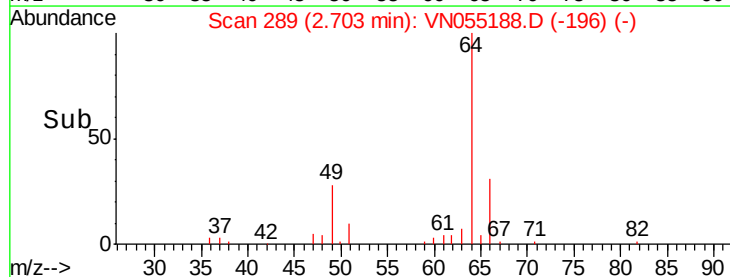
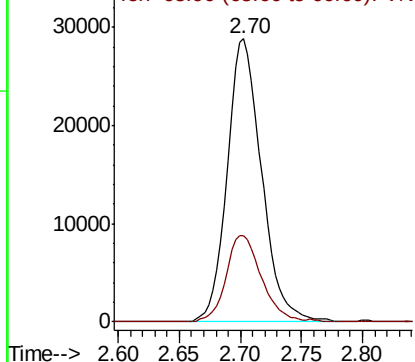


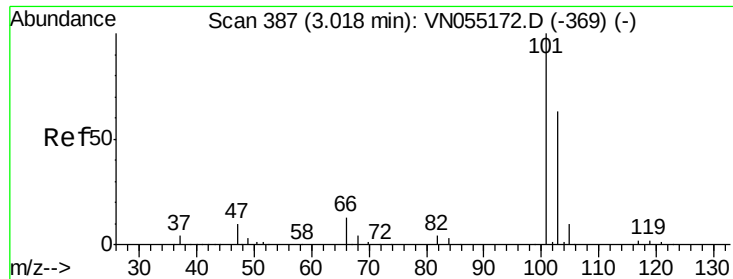
#6
Chloroethane
Concen: 20.620 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 64 Resp: 56626
Ion Ratio Lower Upper
64 100
66 30.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



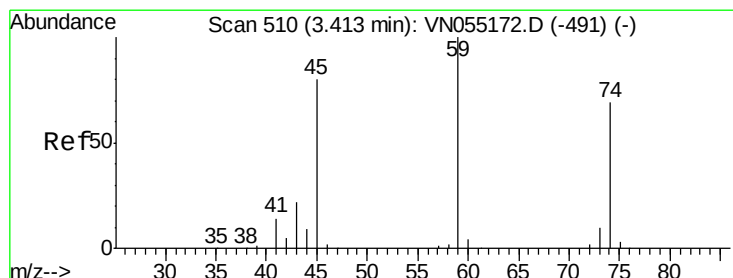
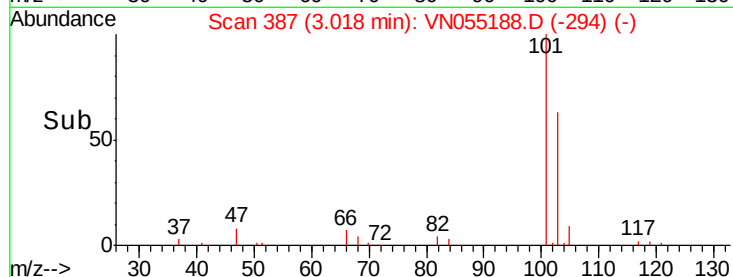
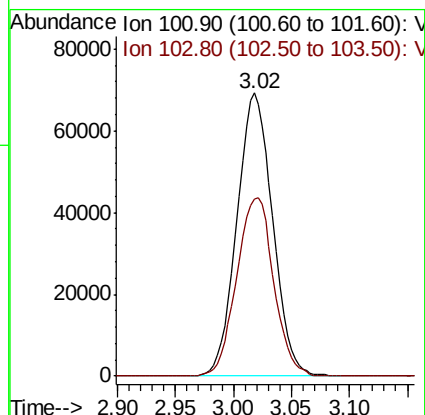
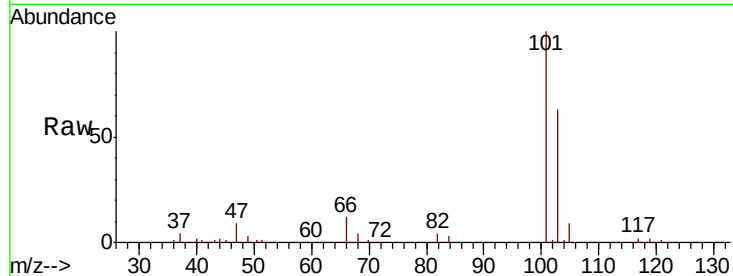


#7

Trichlorofluoromethane
Concen: 20.902 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

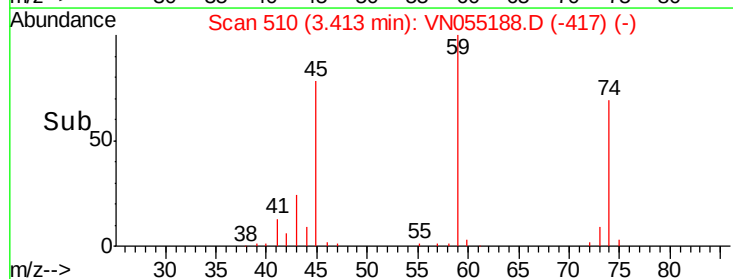
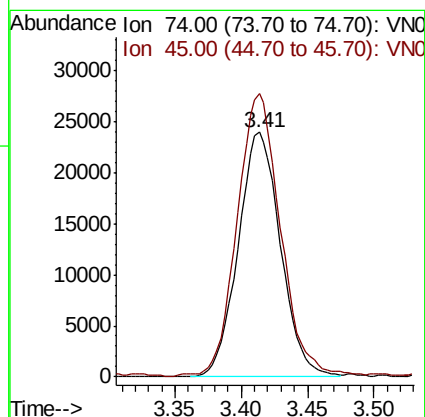
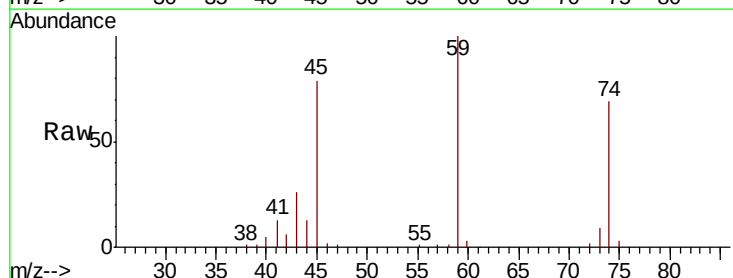
Tot Ion:101 Resp: 148207
Ion Ratio Lower Upper
101 100
103 62.7 50.1 75.1

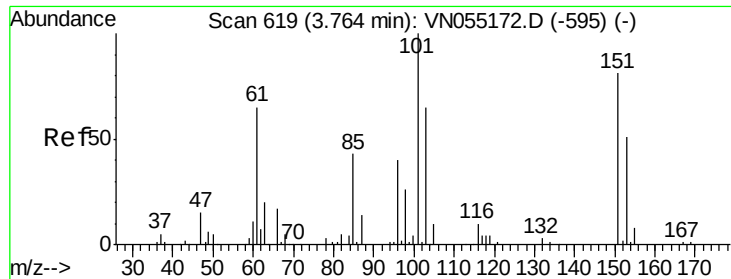


#8

Diethyl Ether
Concen: 21.019 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 74 Resp: 53195
Ion Ratio Lower Upper
74 100
45 119.4 56.9 170.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.808 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.01 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

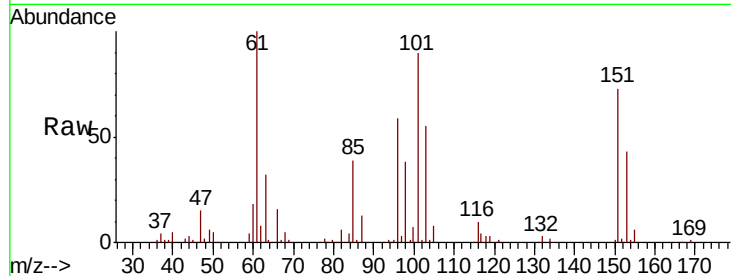
Tot Ion:101 Resp: 87640

Ion Ratio Lower Upper

101 100

85 44.8 34.9 52.3

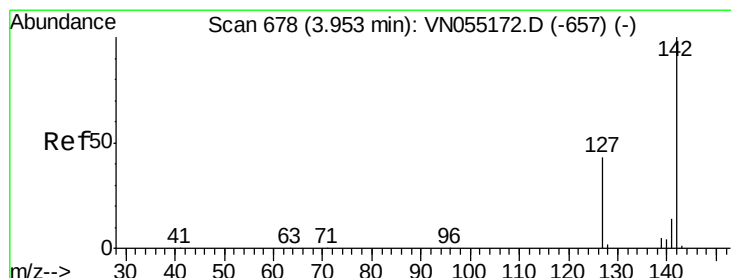
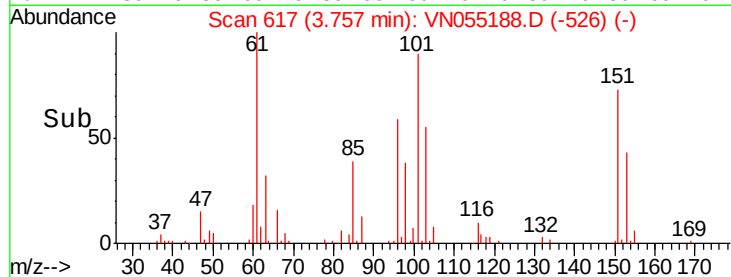
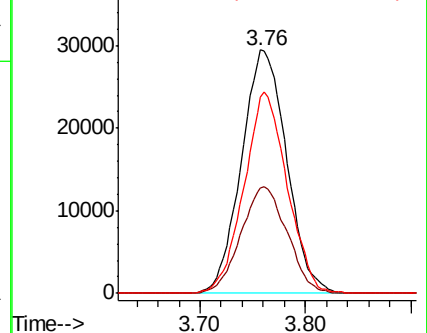
151 79.2 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.709 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

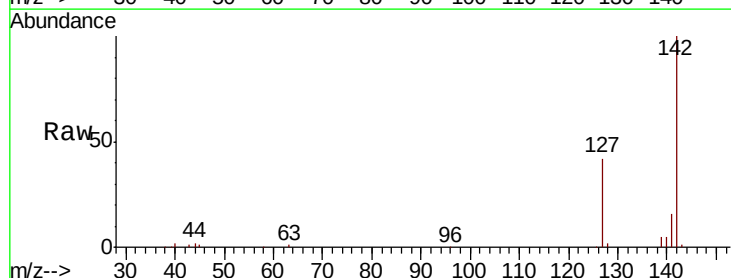
Tgt Ion:142 Resp: 128490

Ion Ratio Lower Upper

142 100

127 42.2 34.1 51.1

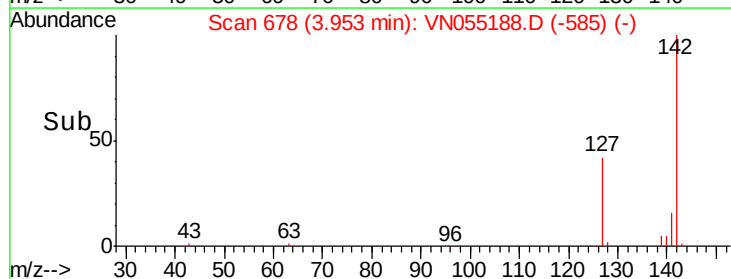
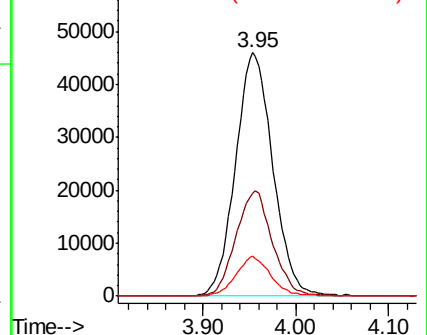
141 14.9 11.4 17.2

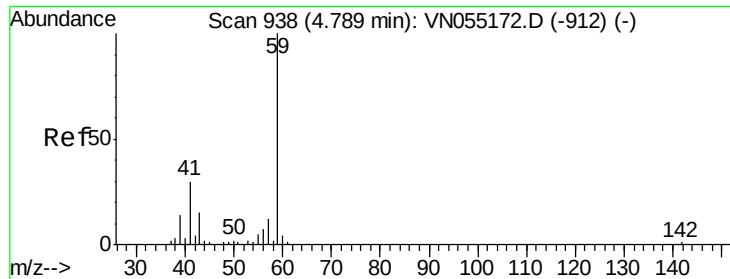


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

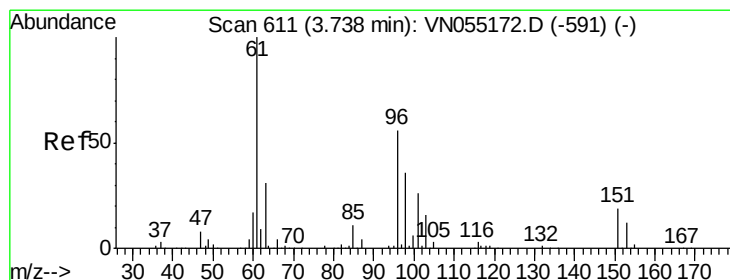
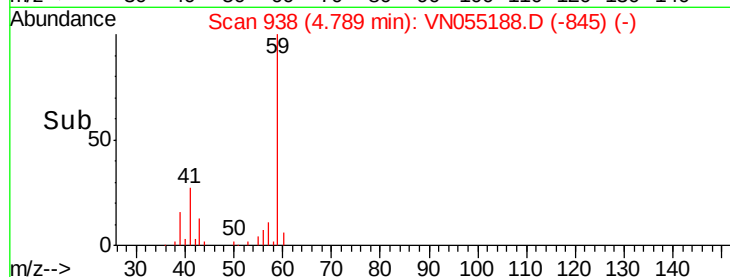
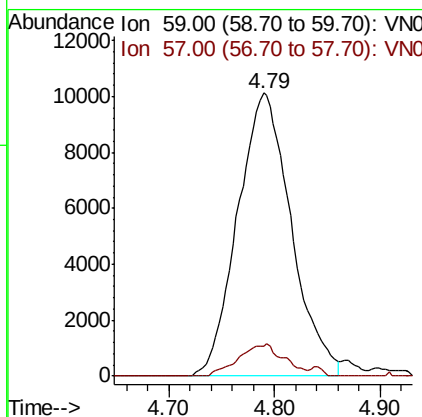
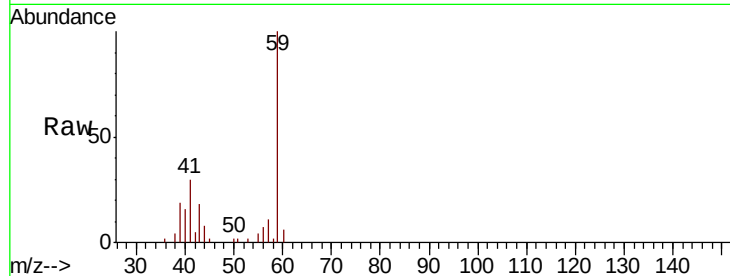




#11
Tert butyl alcohol
Concen: 109.588 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

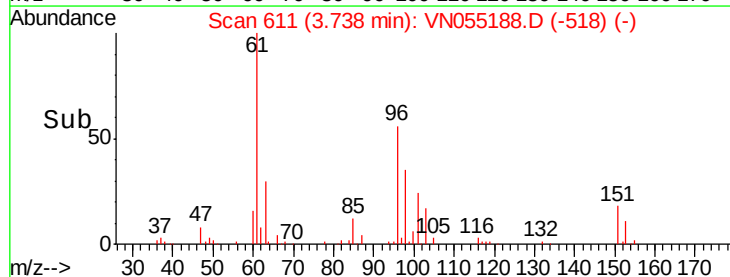
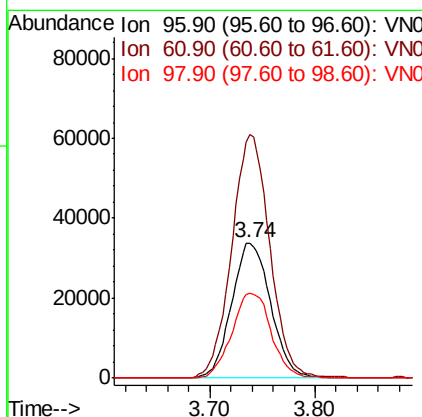
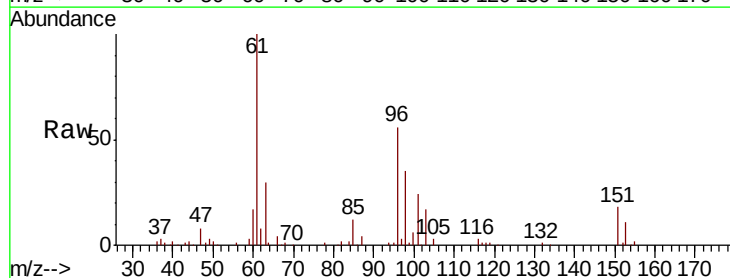
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

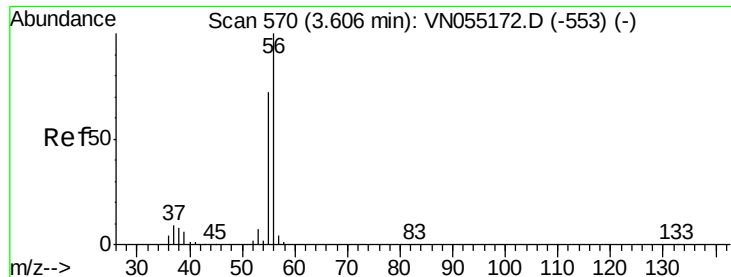
Tot Ion: 59 Resp: 35691
Ion Ratio Lower Upper
59 100
57 9.6 8.8 13.2



#12
1,1-Dichloroethene
Concen: 20.466 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 96 Resp: 86780
Ion Ratio Lower Upper
96 100
61 179.6 142.1 213.1
98 62.3 51.2 76.8





#13

Acrolein

Concen: 105.880 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

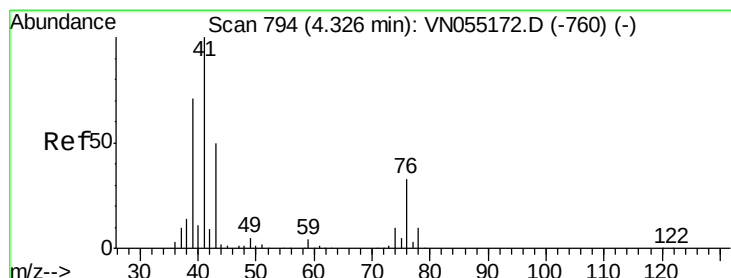
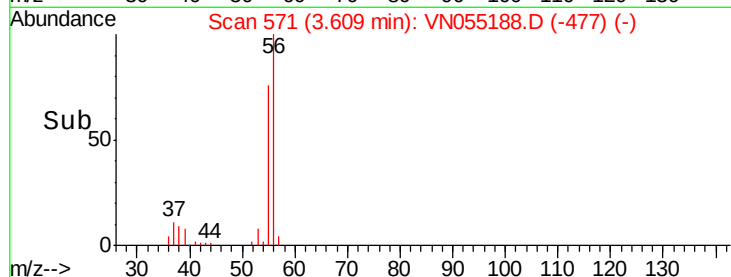
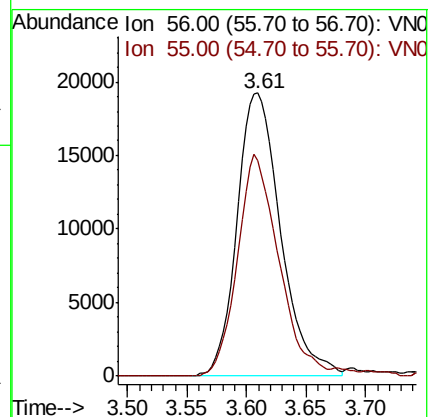
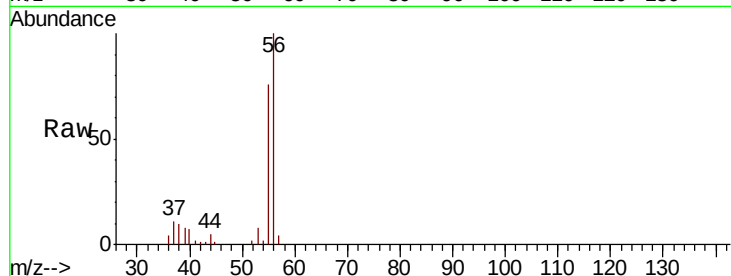
VN0422WBSD01

Tot Ion: 56 Resp: 48910

Ion Ratio Lower Upper

56 100

55 73.9 57.4 86.0



#14

Allyl chloride

Concen: 20.361 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

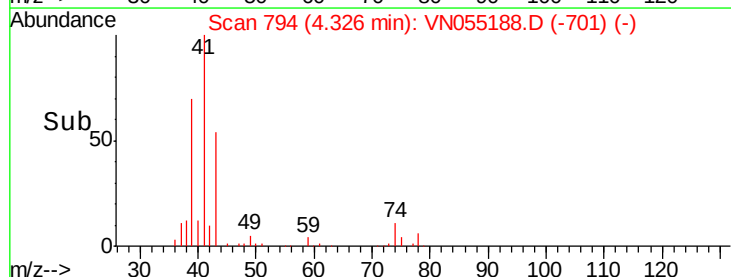
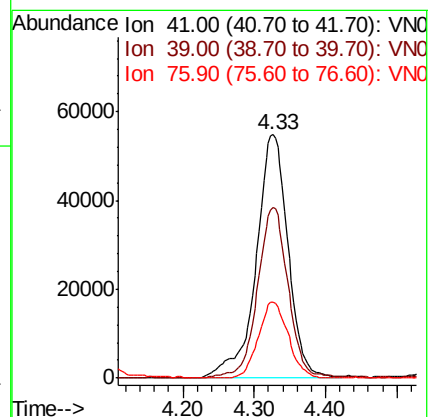
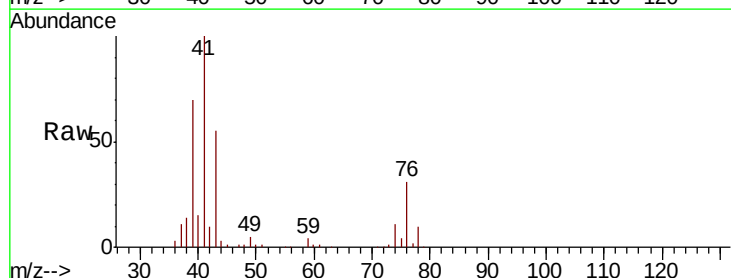
Tgt Ion: 41 Resp: 170675

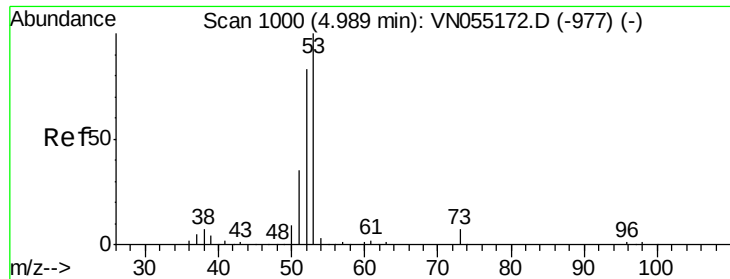
Ion Ratio Lower Upper

41 100

39 67.2 52.9 79.3

76 29.0 23.6 35.4

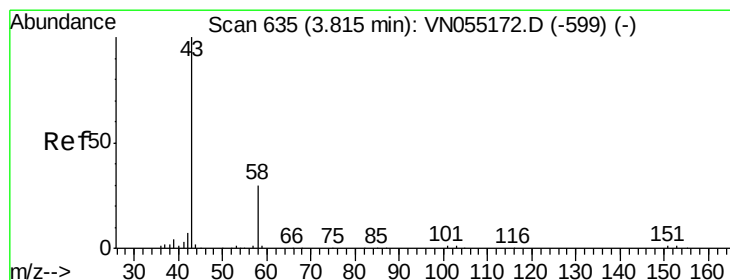
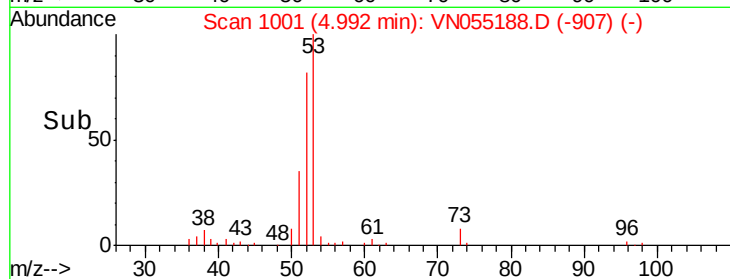
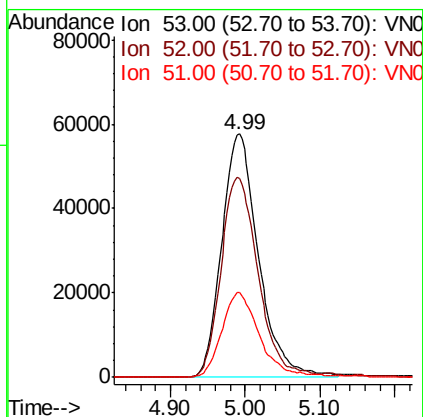
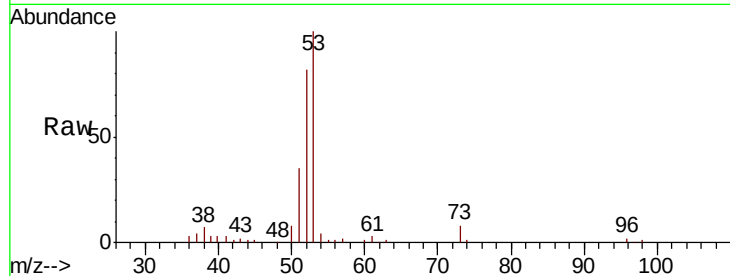




#15
 Acrylonitrile
 Concen: 110.311 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

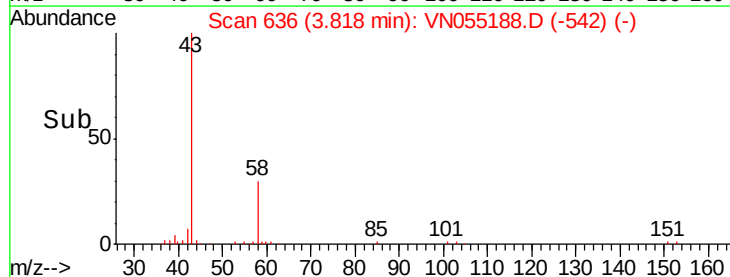
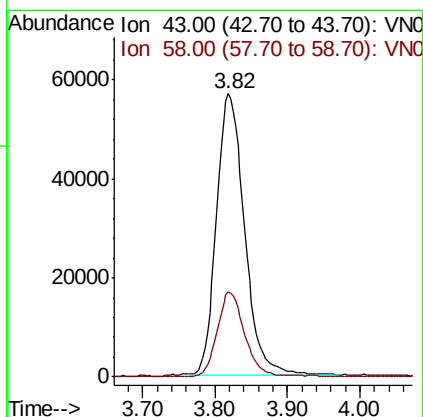
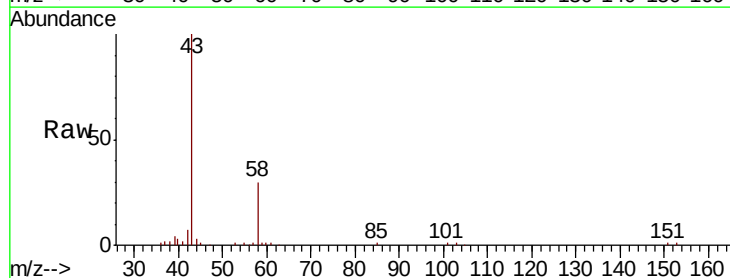
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

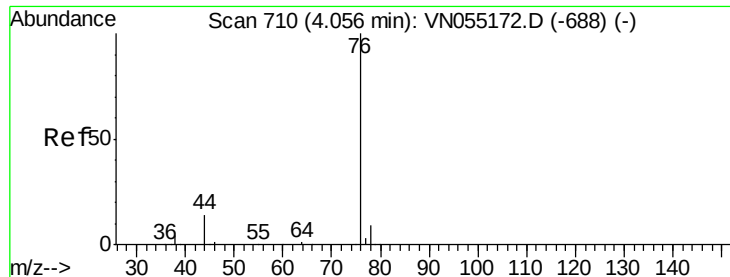
Tot Ion: 53 Resp: 197030
 Ion Ratio Lower Upper
 53 100
 52 82.7 65.8 98.8
 51 35.3 28.9 43.3



#16
 Acetone
 Concen: 83.108 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Tgt Ion: 43 Resp: 153264
 Ion Ratio Lower Upper
 43 100
 58 30.3 23.8 35.8

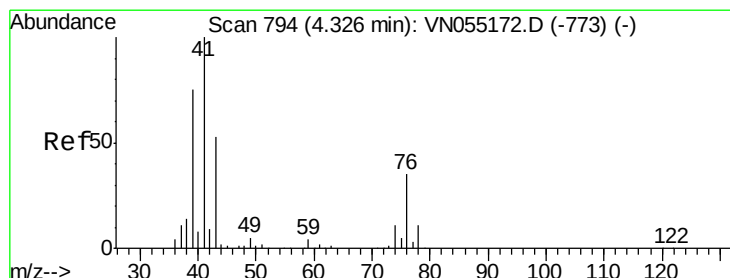
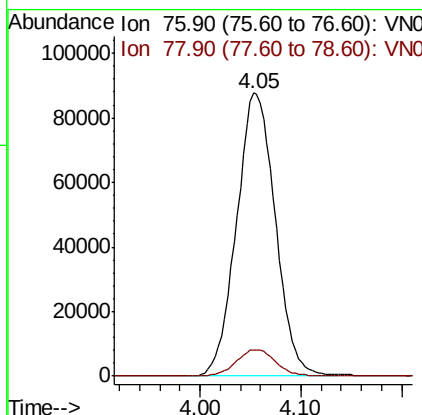
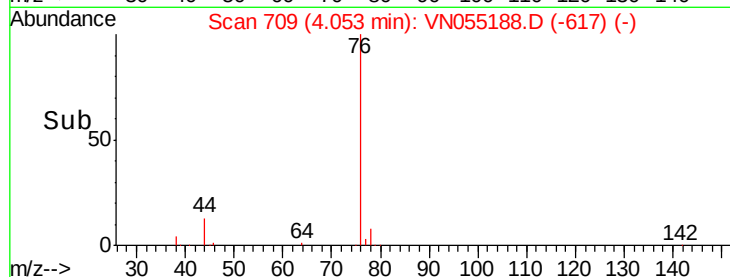
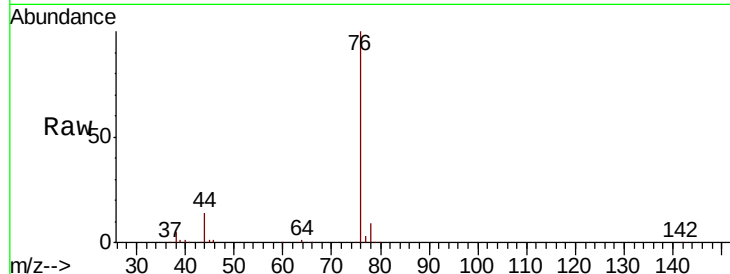




#17
Carbon Disulfide
Concen: 19.718 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

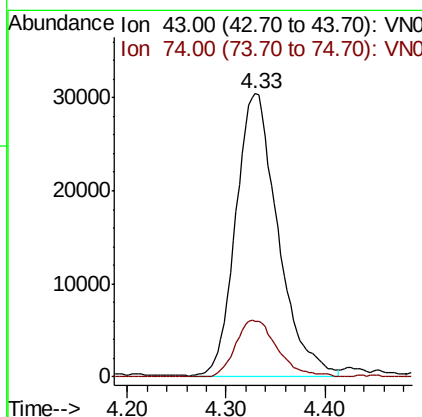
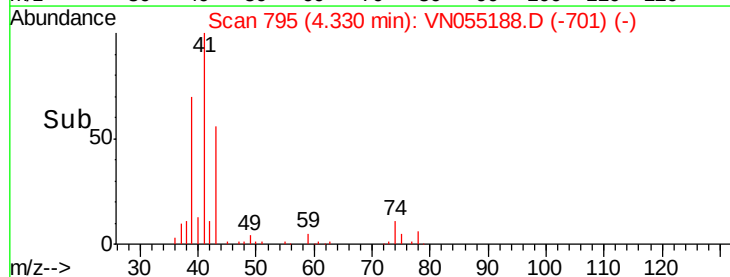
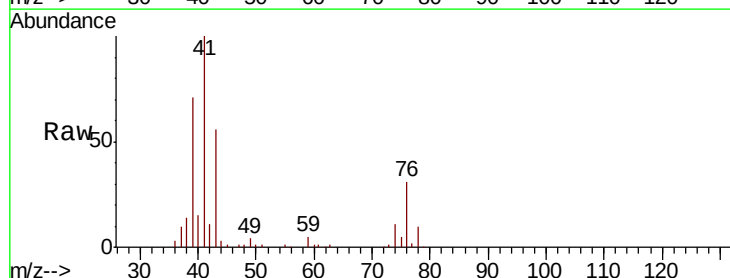
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

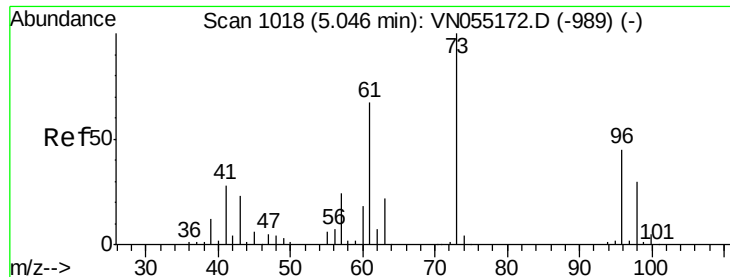
Tot Ion: 76 Resp: 233752
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 22.302 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 43 Resp: 90851
Ion Ratio Lower Upper
43 100
74 19.4 16.7 25.1

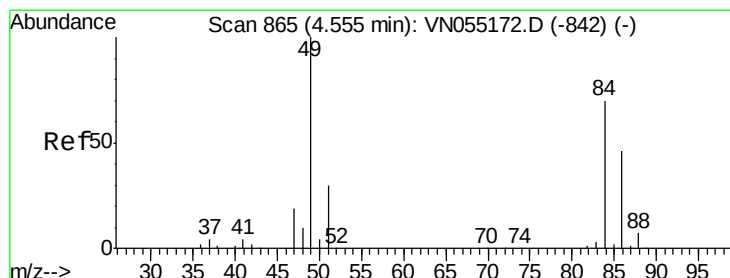
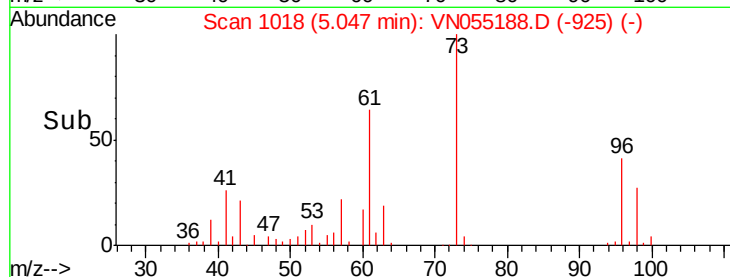
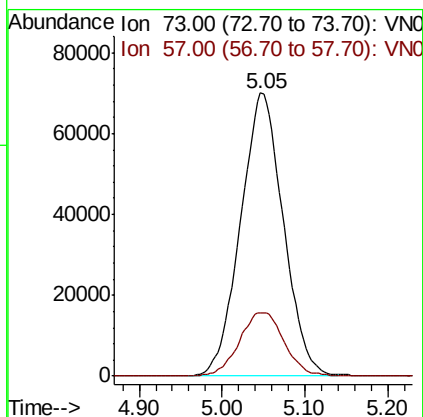
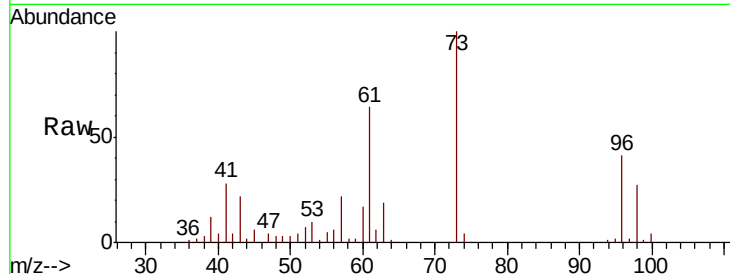




#19
Methvl tert-butyl Ether
Concen: 21.374 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

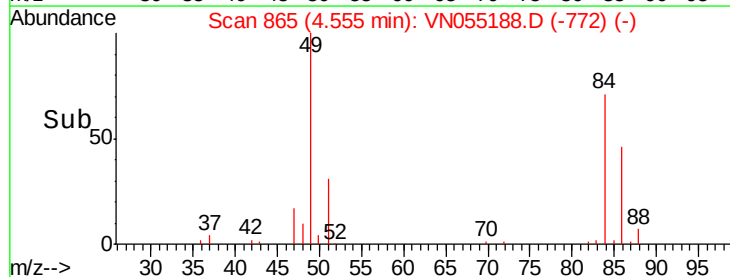
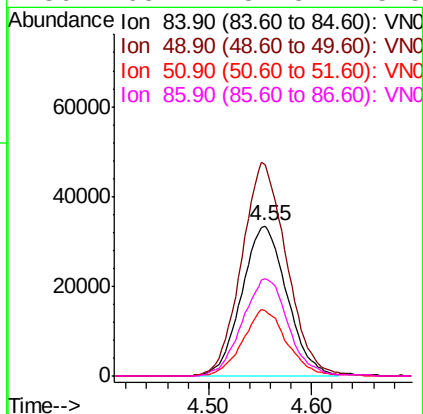
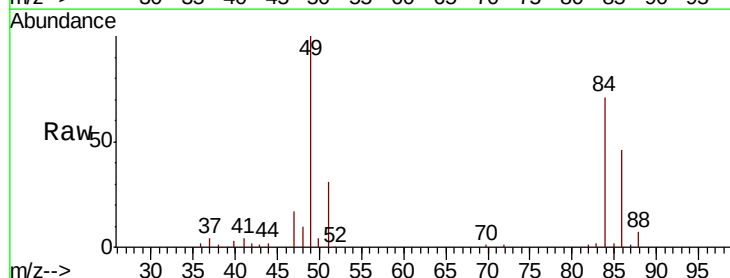
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

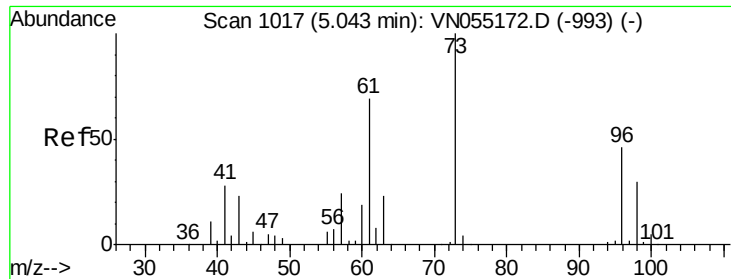
Tot Ion: 73 Resp: 250578
Ion Ratio Lower Upper
73 100
57 22.5 19.5 29.3



#20
Methylene Chloride
Concen: 19.173 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 84 Resp: 101649
Ion Ratio Lower Upper
84 100
49 140.5 113.8 170.6
51 43.3 34.0 51.0
86 65.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.886 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

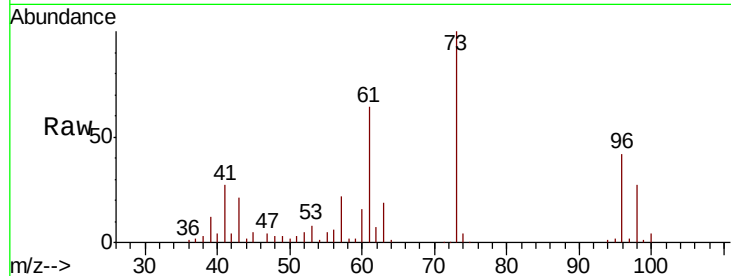
Tot Ion: 96 Resp: 92871

Ion Ratio Lower Upper

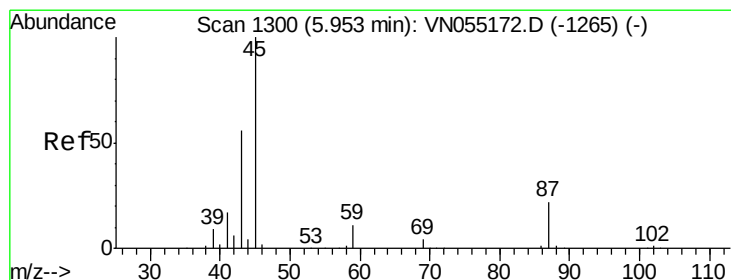
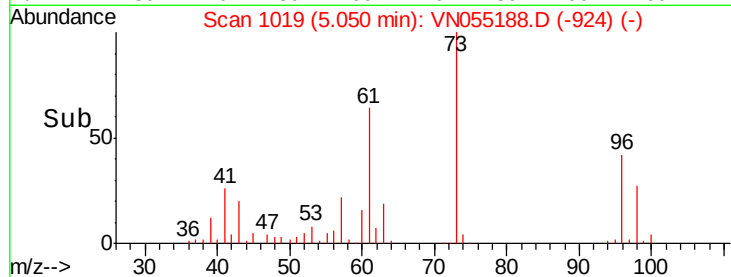
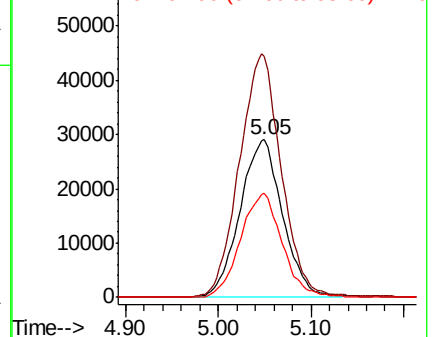
96 100

61 152.3 119.3 178.9

98 65.7 53.0 79.4



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



#22

Diisopropyl ether

Concen: 21.003 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Tgt Ion: 45 Resp: 350946

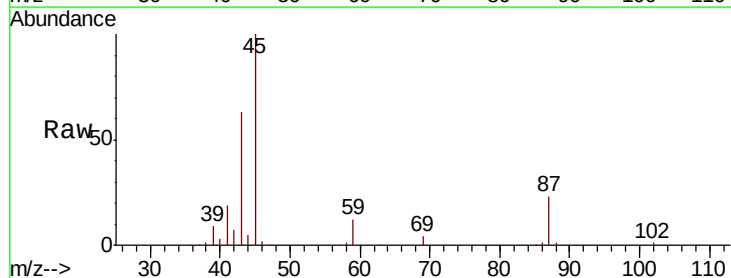
Ion Ratio Lower Upper

45 100

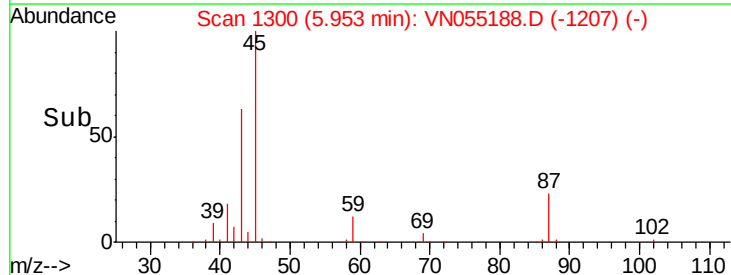
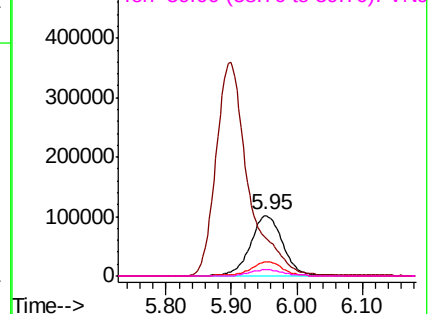
43 60.8 47.4 71.0

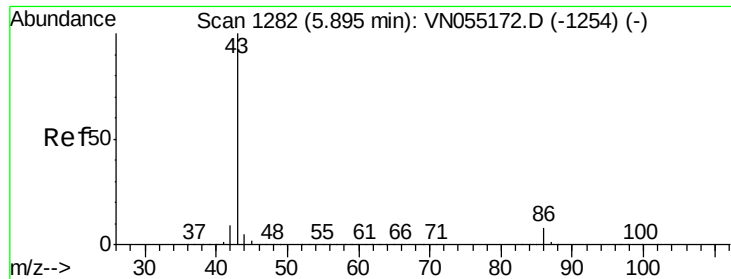
87 22.8 18.4 27.6

59 11.2 8.6 12.8



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

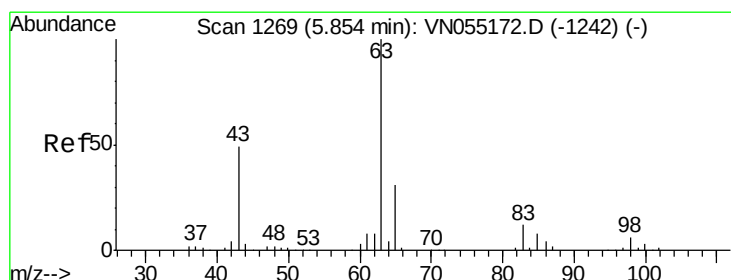
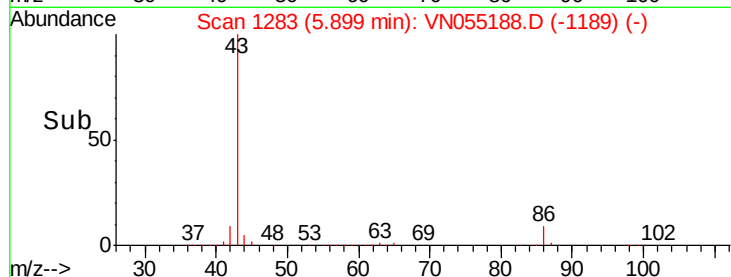
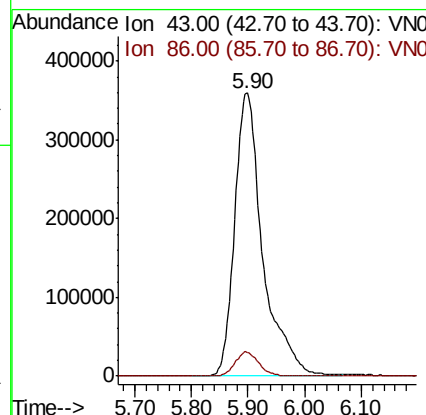
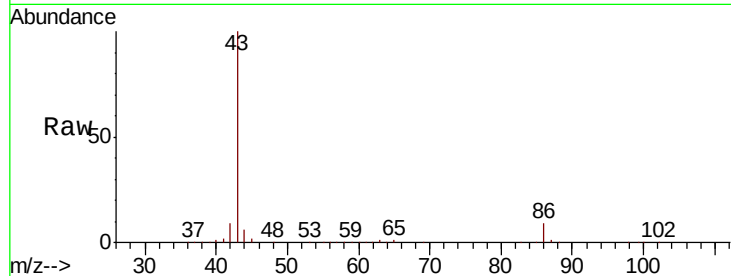




#23
 Vinyl Acetate
 Concen: 110.572 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

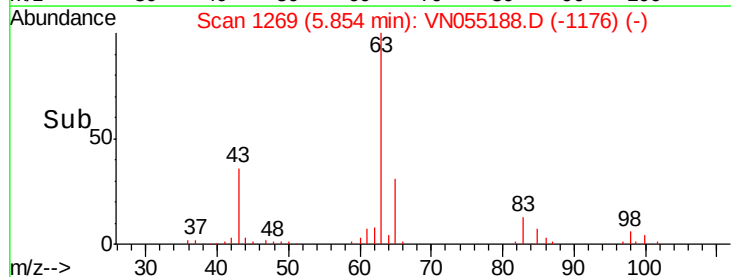
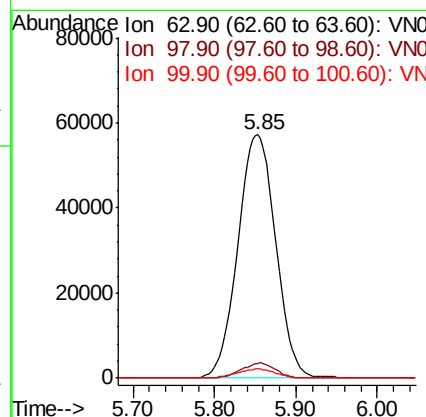
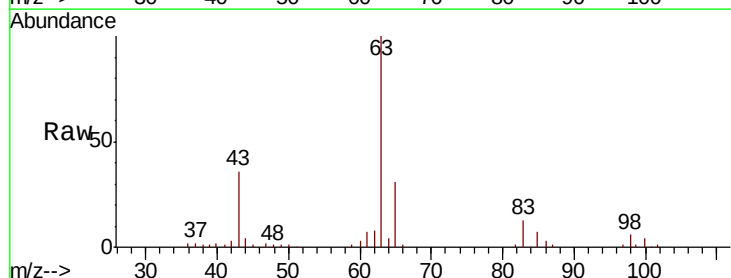
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

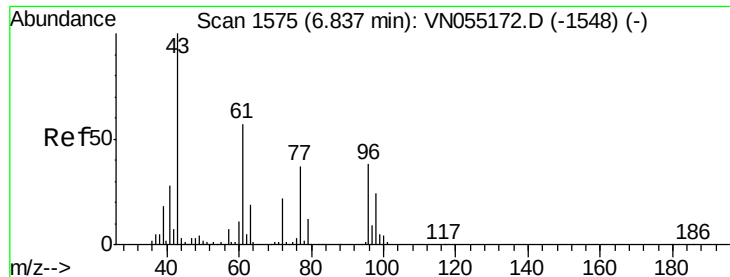
Tot Ion: 43 Resp: 1241552
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 20.461 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Tgt Ion: 63 Resp: 183891
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 3.8 1.8 5.3

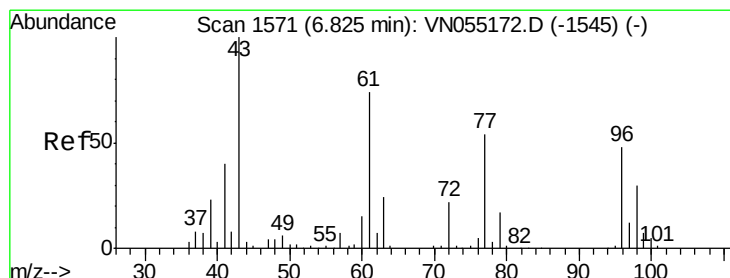
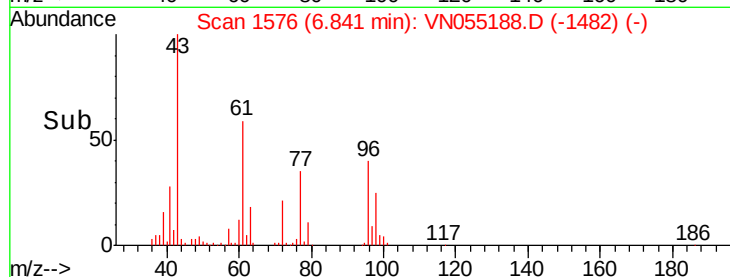
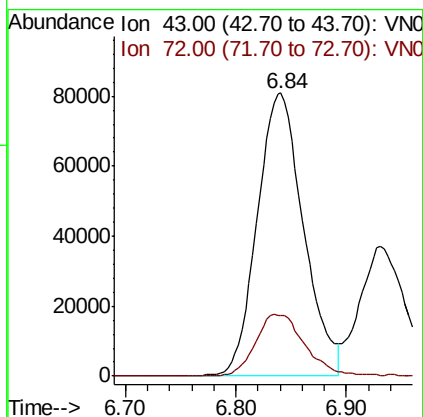
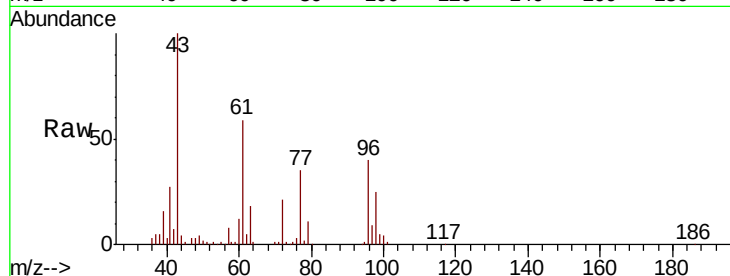




#25
2-Butanone
Concen: 98.445 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

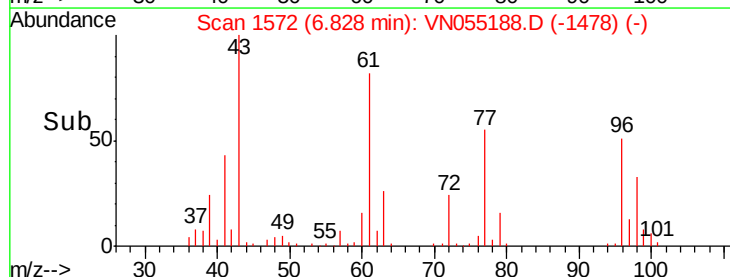
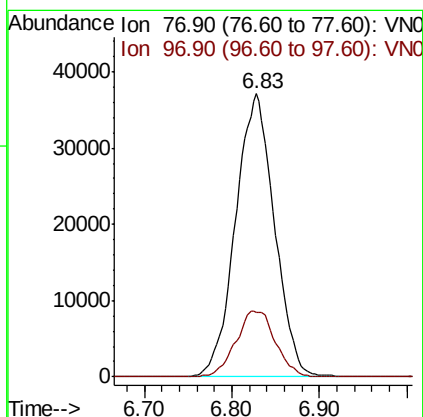
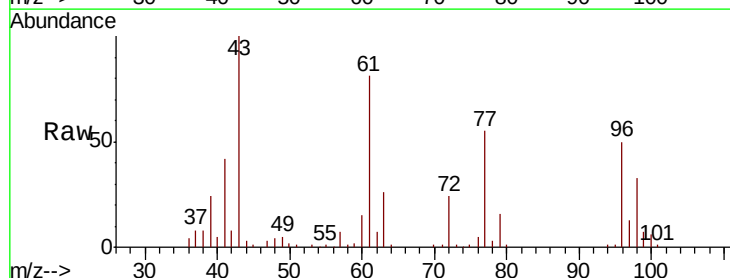
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

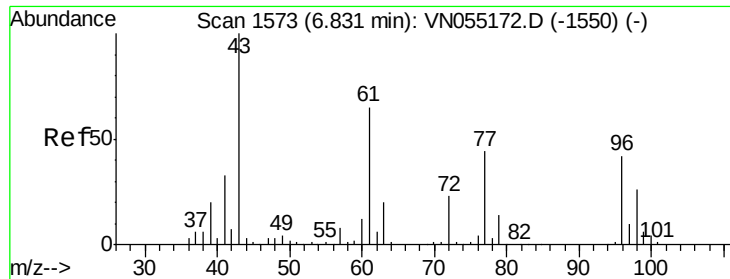
Tot Ion: 43 Resp: 234385
Ion Ratio Lower Upper
43 100
72 21.4 17.8 26.8



#26
2,2-Dichloropropane
Concen: 18.818 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 77 Resp: 114452
Ion Ratio Lower Upper
77 100
97 23.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.375 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampled :

VN0422WBSD01

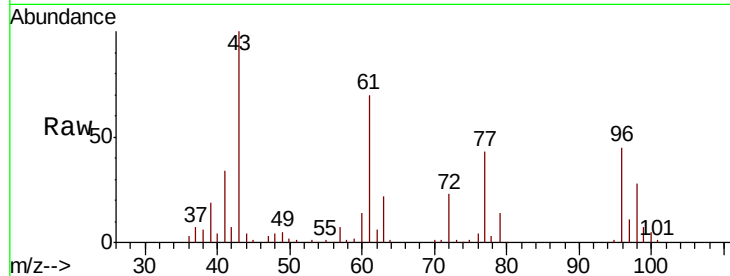
Tot Ion: 96 Resp: 104436

Ion Ratio Lower Upper

96 100

61 154.5 0.0 310.8

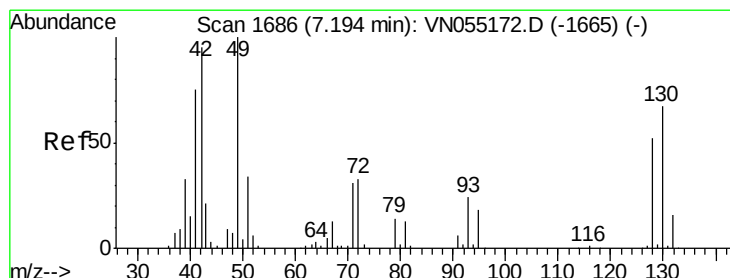
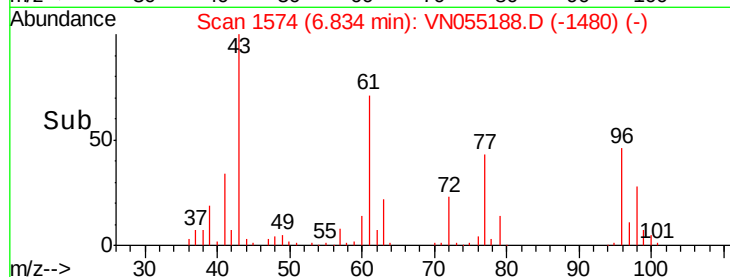
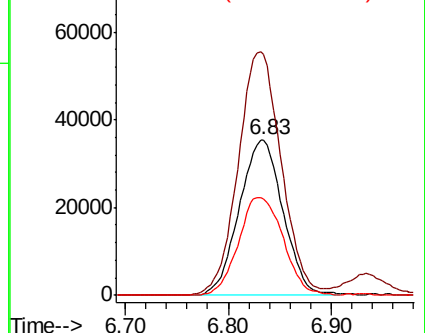
98 64.5 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.648 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

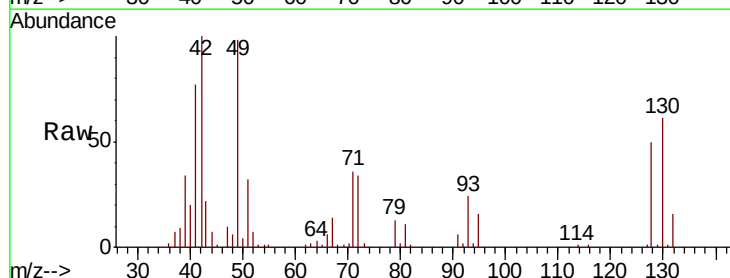
Tgt Ion: 49 Resp: 94596

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.8

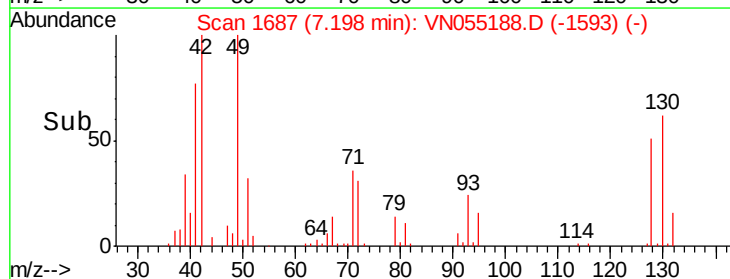
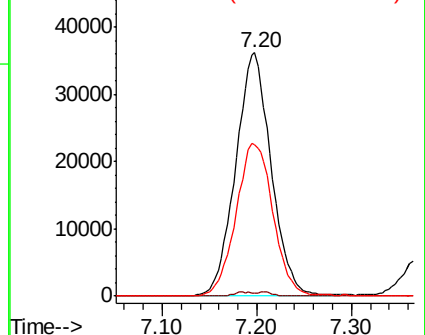
130 65.1 53.4 80.2

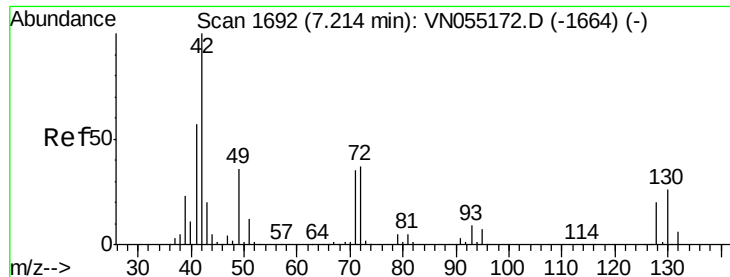


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

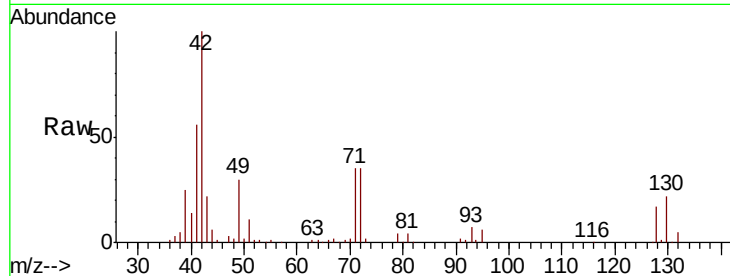




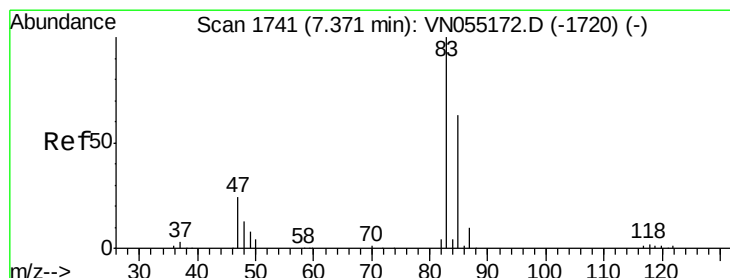
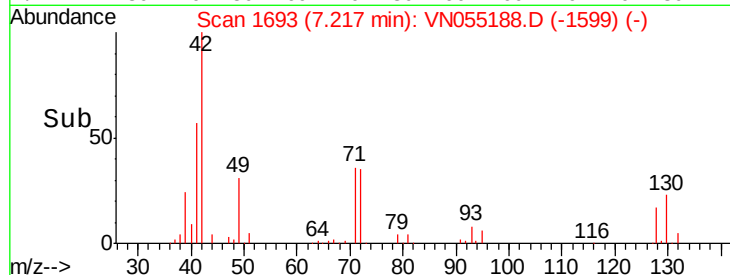
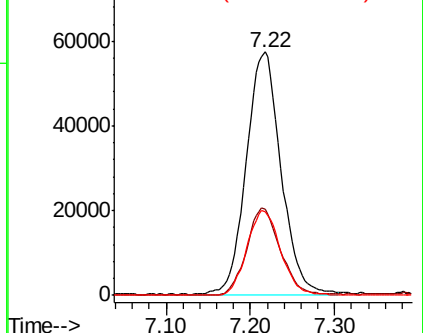
#29
Tetrahydrofuran
Concen: 111.981 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampled :
VN0422WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.8	29.4	44.2
71	33.9	27.8	41.8

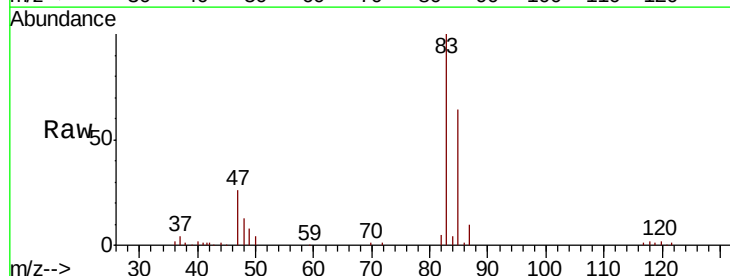


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

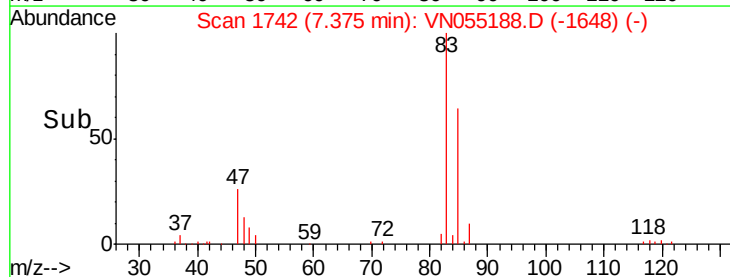
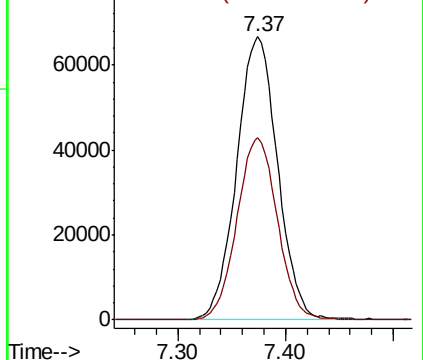


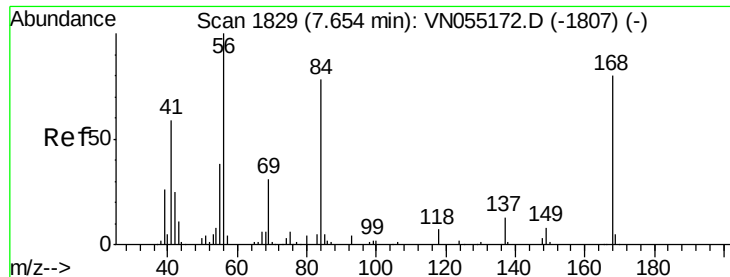
#30
Chloroform
Concen: 20.582 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.6	76.0



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

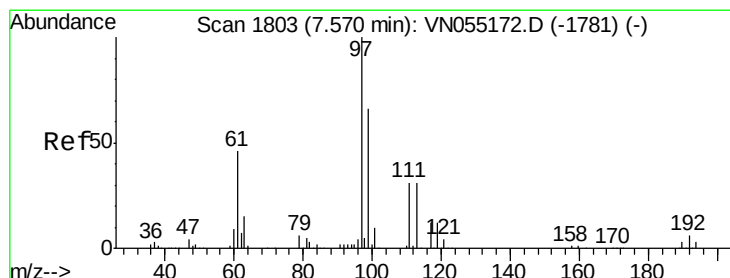
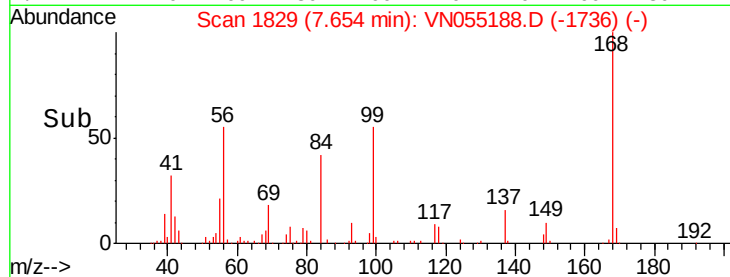
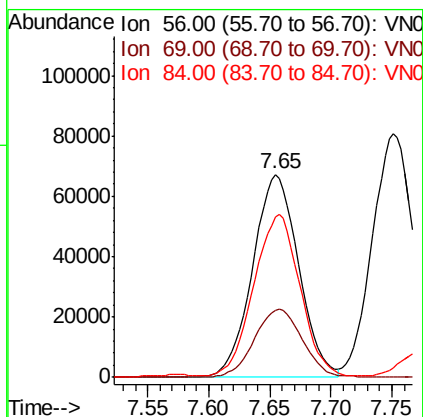
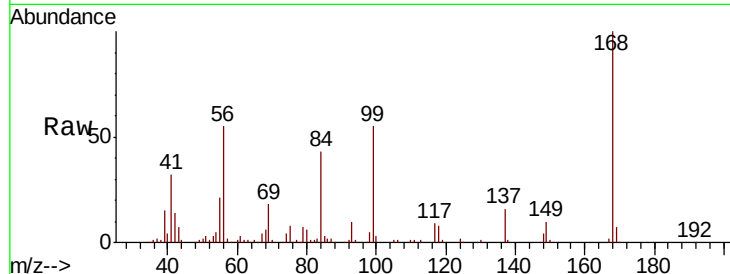




#31
Cyclohexane
Concen: 20.095 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

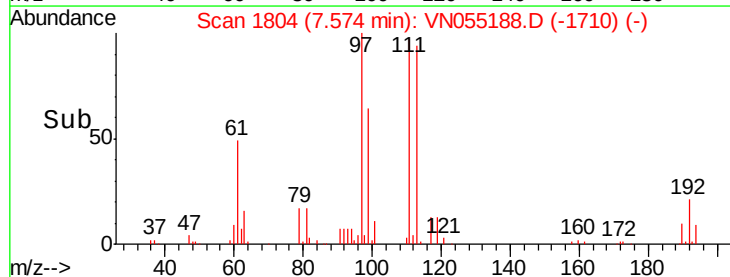
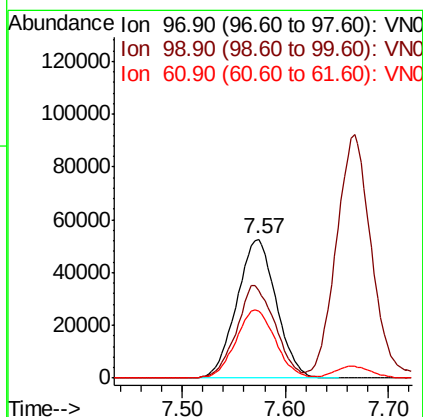
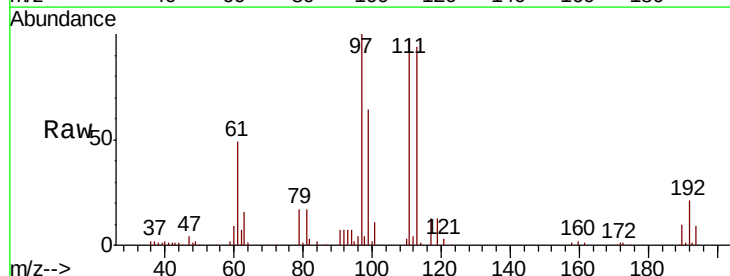
Instrument :
MSVOA_N
ClientSampled :
VN0422WBSD01

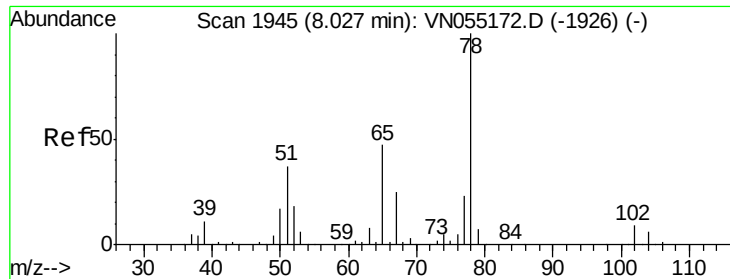
Tot Ion: 56 Resp: 175635
Ion Ratio Lower Upper
56 100
69 33.1 24.6 37.0
84 77.7 61.4 92.2



#32
1,1,1-Trichloroethane
Concen: 20.374 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 97 Resp: 139936
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 49.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 50.859 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampled :

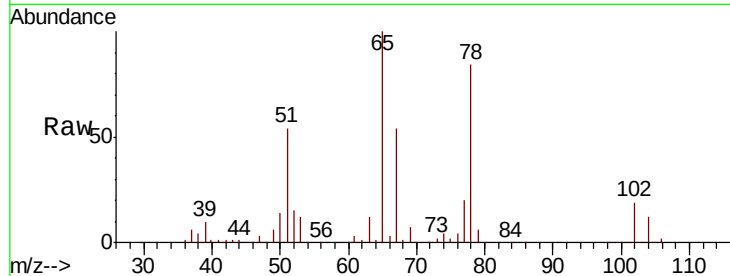
VN0422WBSD01

Tot Ion: 65 Resp: 283721

Ion Ratio Lower Upper

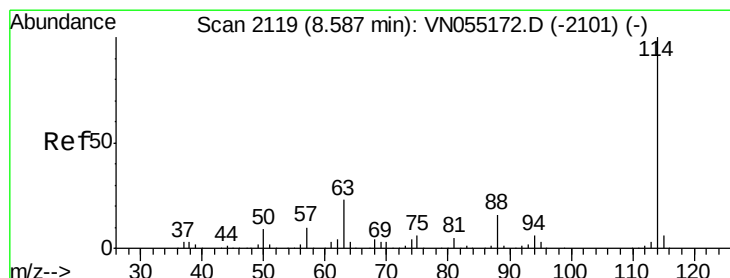
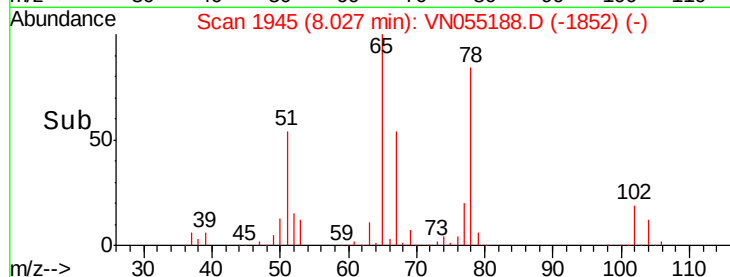
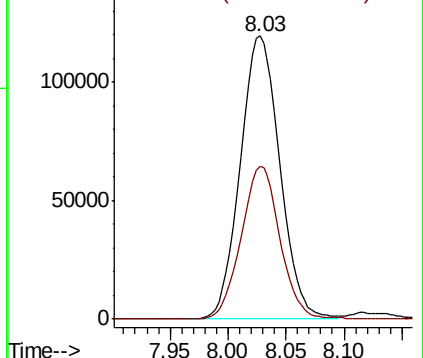
65 100

67 53.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

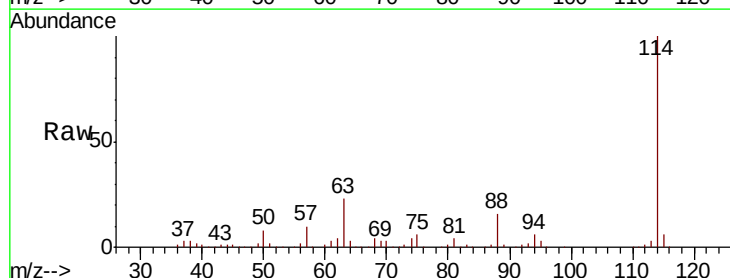
Tgt Ion: 114 Resp: 676450

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

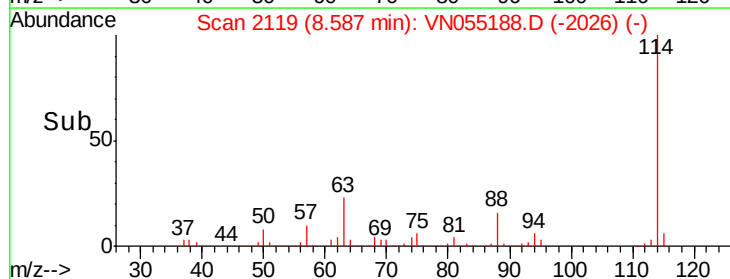
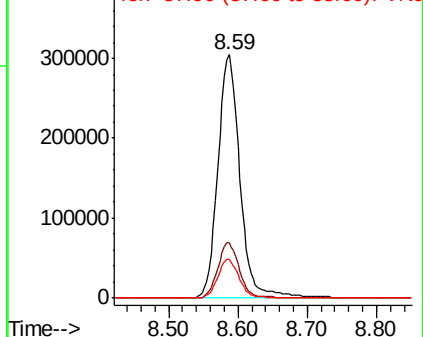
88 15.7 0.0 32.8

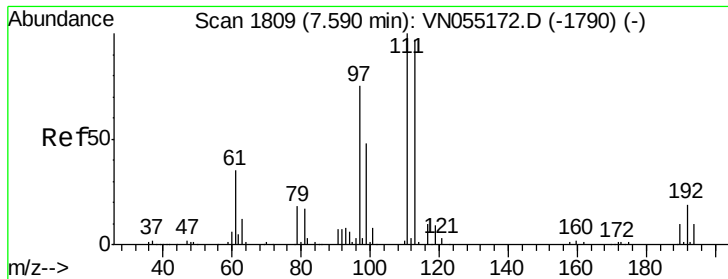


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

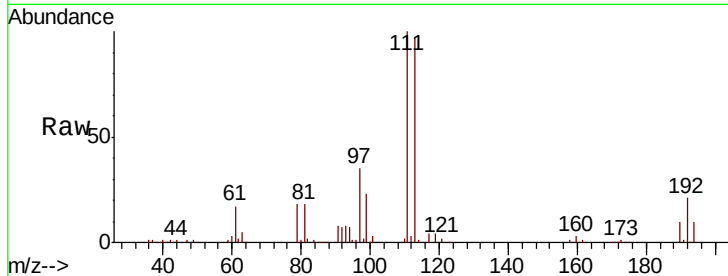




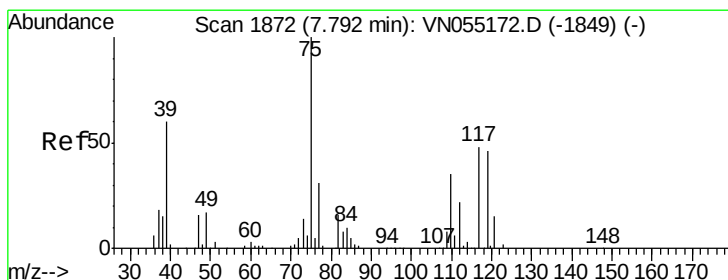
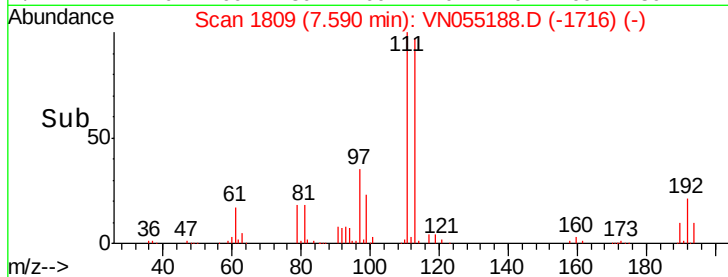
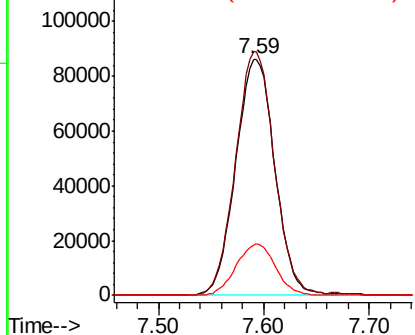
#35
 Dibromofluoromethane
 Concen: 48.345 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.0	121.4
192	22.0	16.2	24.4

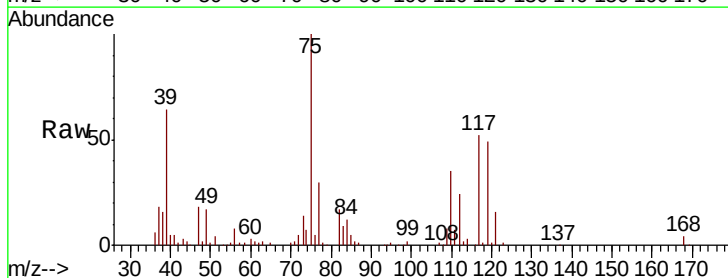


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

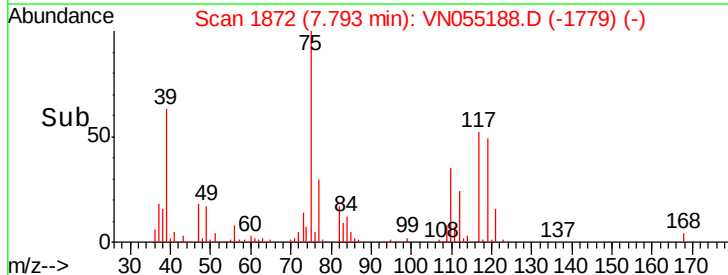
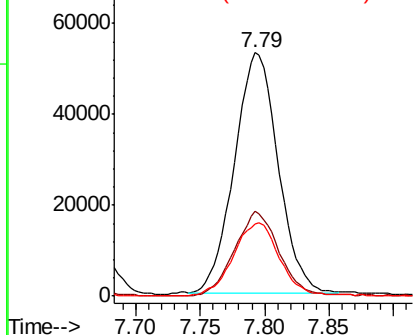


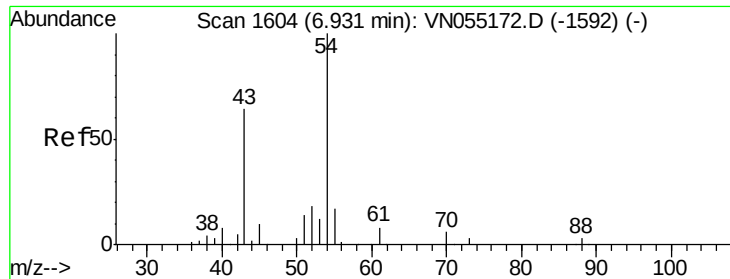
#36
 1,1-Dichloropropene
 Concen: 19.795 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.1	51.2
77	32.3	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

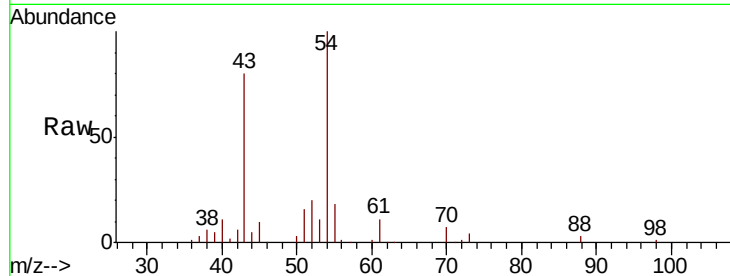




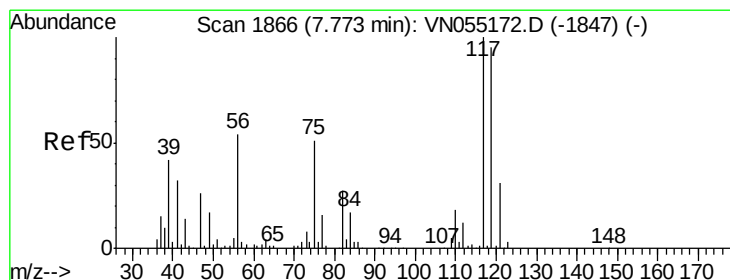
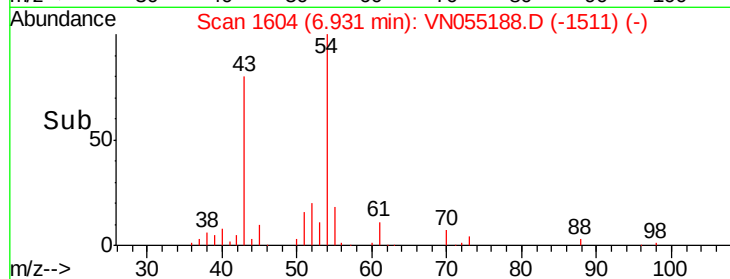
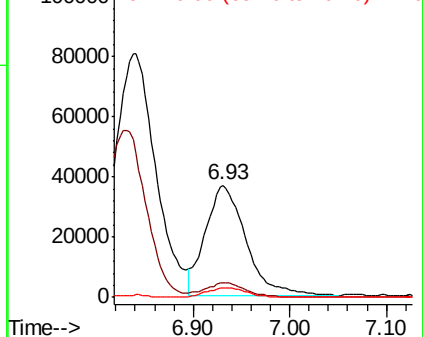
#37
Ethyl Acetate
Concen: 21.059 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampled :
VN0422WBSD01

Tot Ion: 43 Resp: 106703
Ion Ratio Lower Upper
43 100
61 11.7 9.7 14.5
70 8.7 6.9 10.3

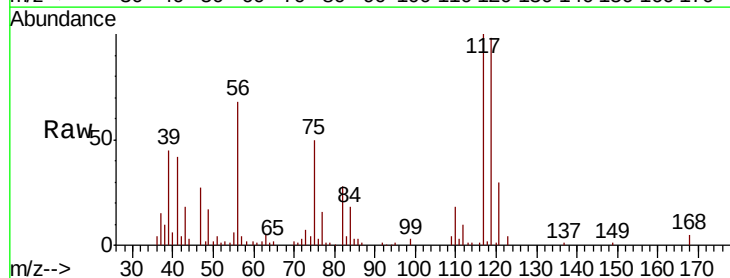


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

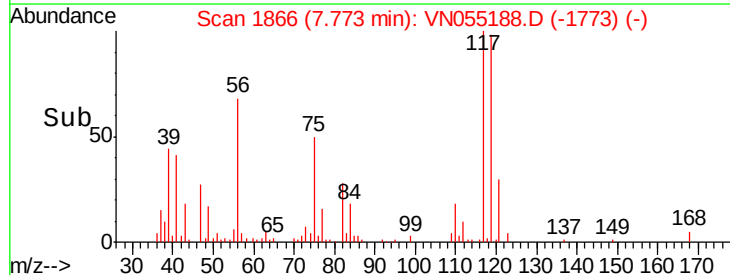
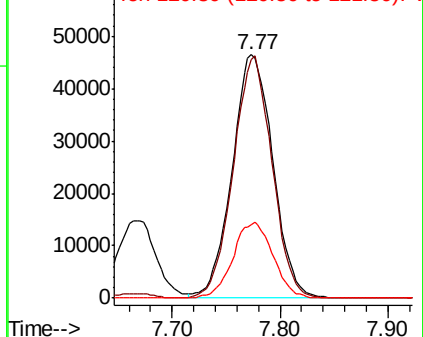


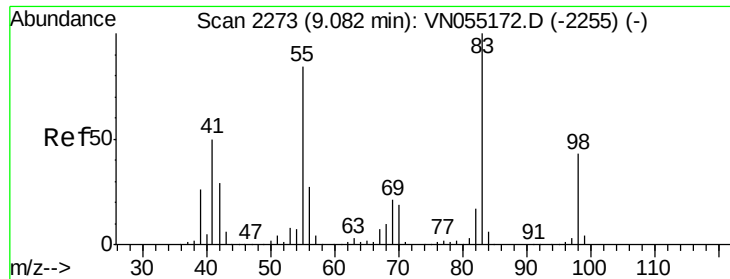
#38
Carbon Tetrachloride
Concen: 20.776 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 117 Resp: 122148
Ion Ratio Lower Upper
117 100
119 97.7 76.0 114.0
121 30.3 24.6 36.8



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

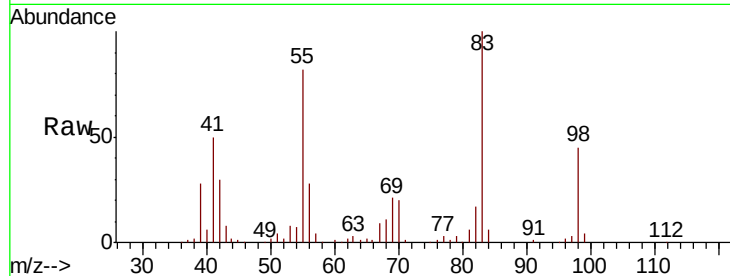




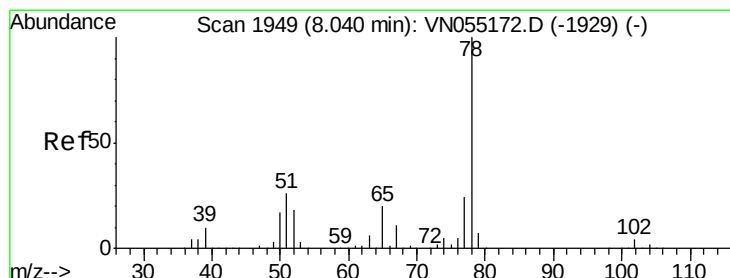
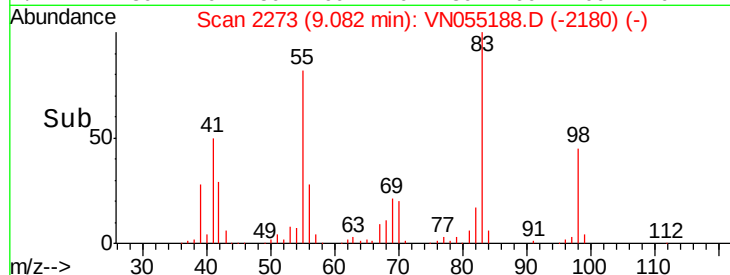
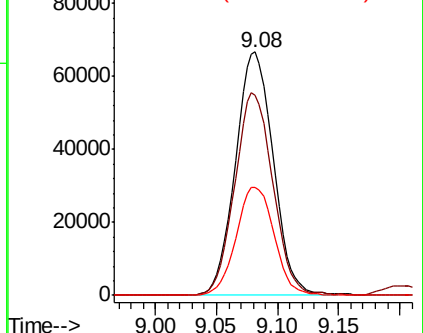
#39
Methylvlcyclohexane
Concen: 19.121 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

Tot Ion: 83 Resp: 143216
Ion Ratio Lower Upper
83 100
55 82.4 67.4 101.0
98 44.6 34.7 52.1

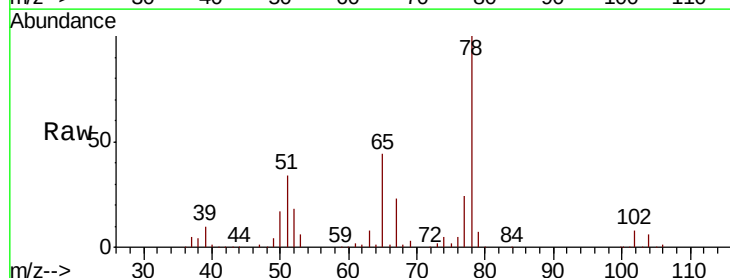


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

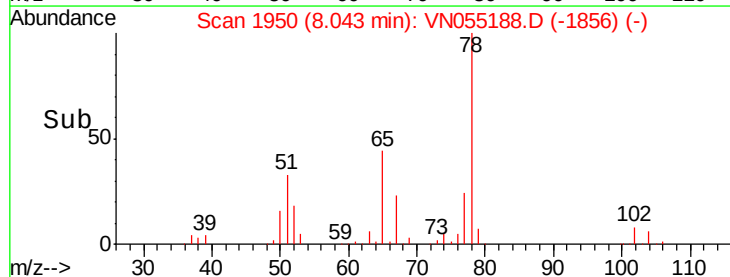
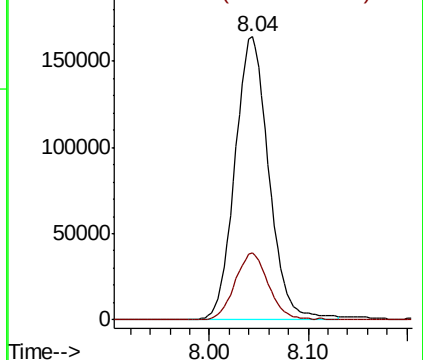


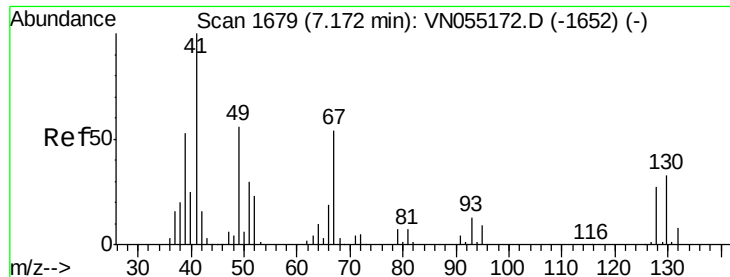
#40
Benzene
Concen: 20.215 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 78 Resp: 391791
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3



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

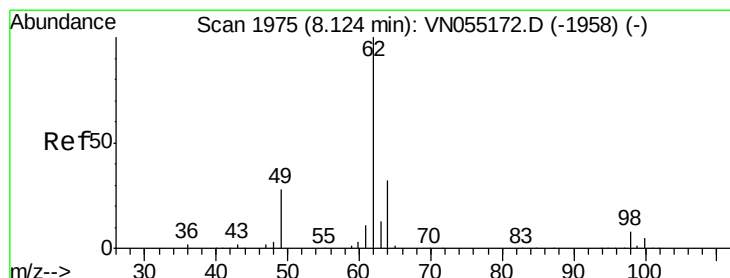
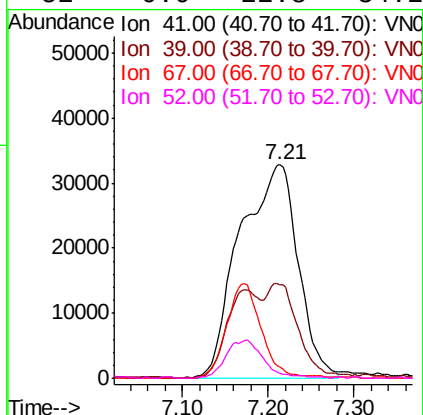
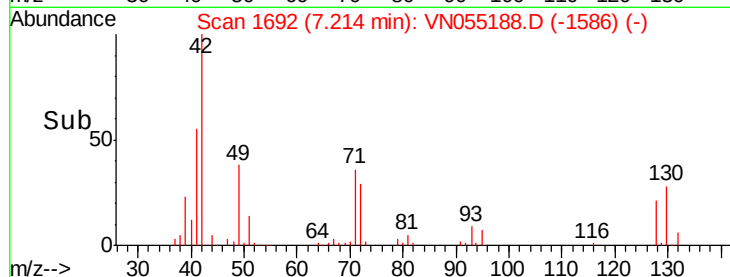
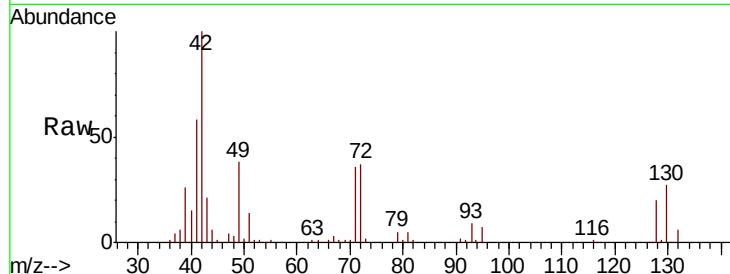




#41
Methacrylonitrile
Concen: 58.050 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

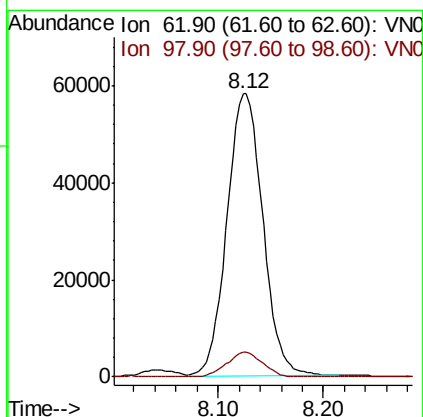
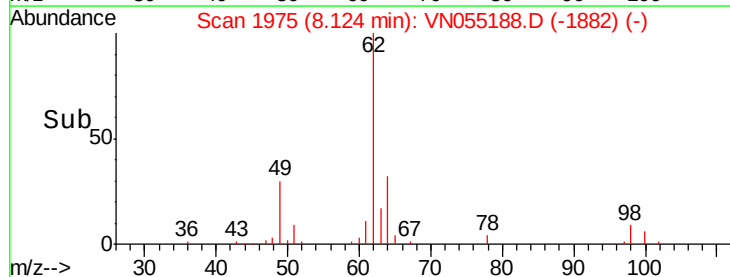
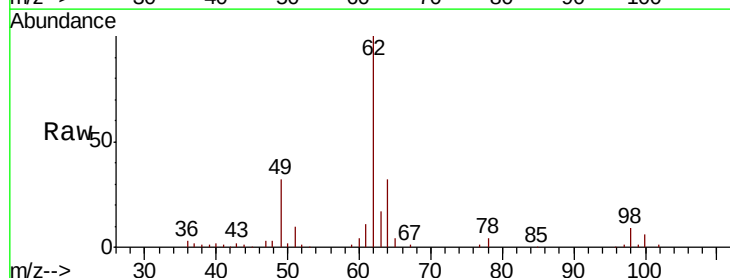
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

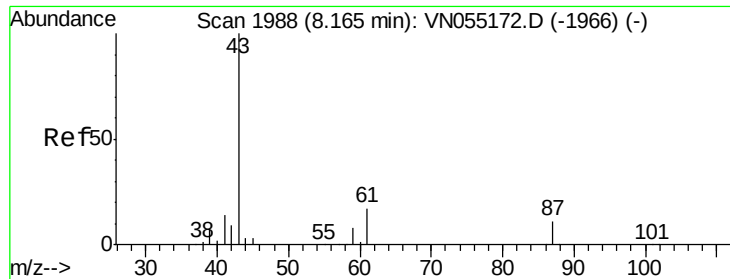
Tot Ion: 41 Resp: 154207
Ion Ratio Lower Upper
41 100
39 0.0 45.4 68.0#
67 0.0 54.6 81.8#
52 0.0 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 20.232 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 62 Resp: 136802
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.0





#43

Isopropyl Acetate

Concen: 22.560 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

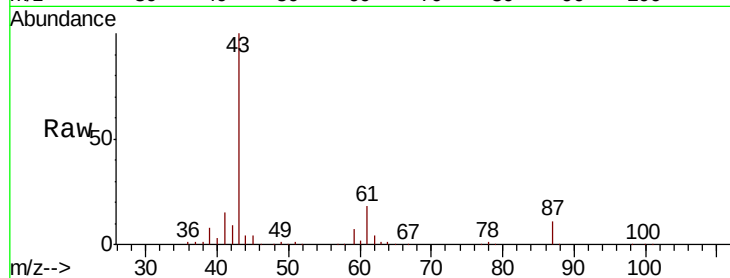
Tot Ion: 43 Resp: 185107

Ion Ratio Lower Upper

43 100

61 24.9 20.6 30.8

87 10.4 8.8 13.2

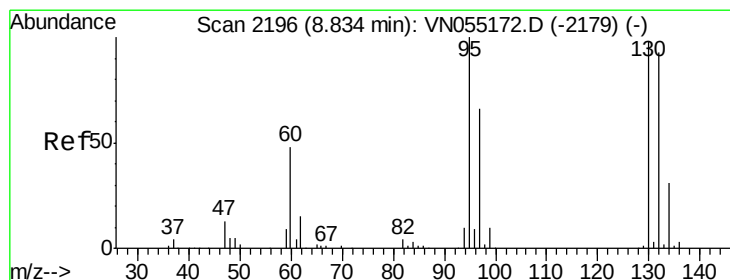
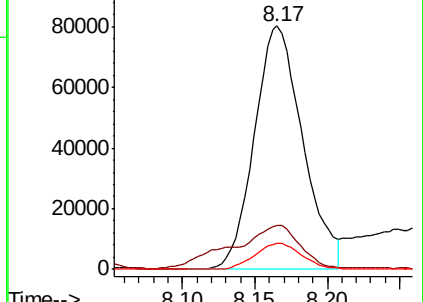
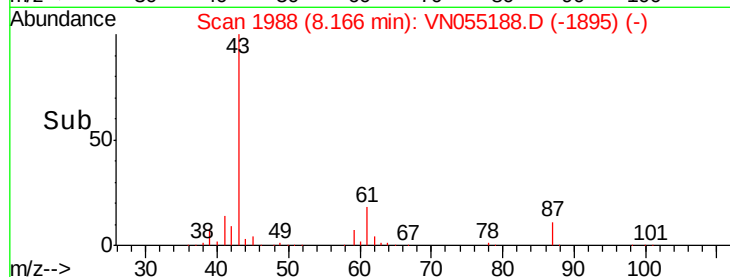


Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)

8.17



#44

Trichloroethene

Concen: 19.850 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055188.D

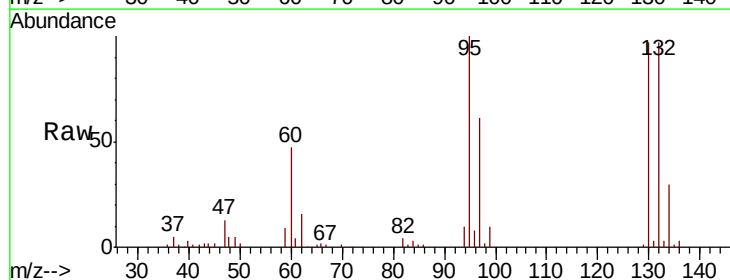
Acq: 22 Apr 2019 18:09

Tgt Ion:130 Resp: 97239

Ion Ratio Lower Upper

130 100

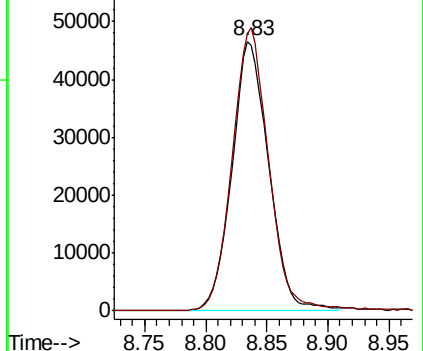
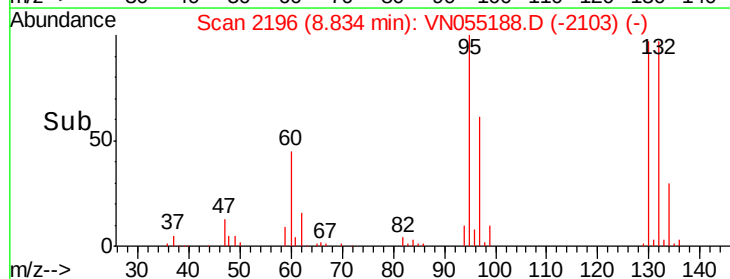
95 103.0 0.0 203.6

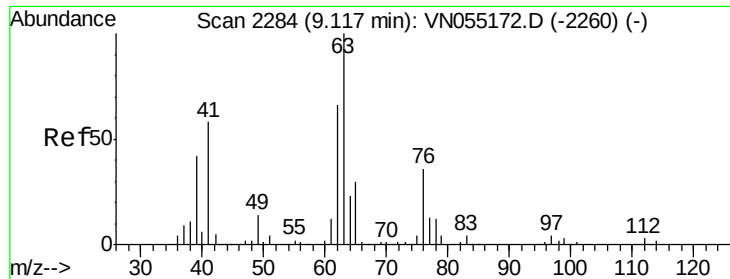


Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)

8.83

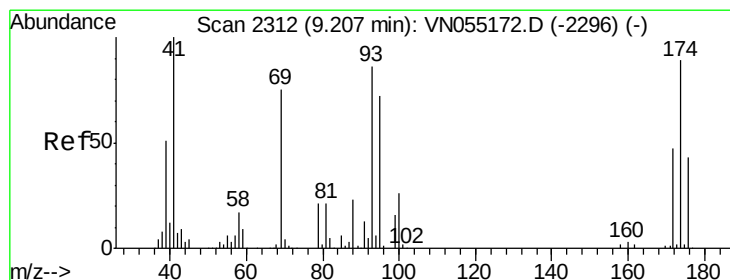
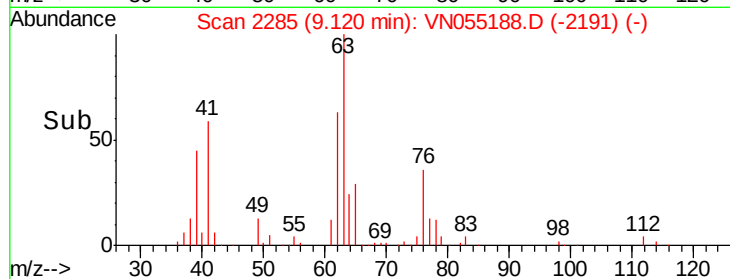
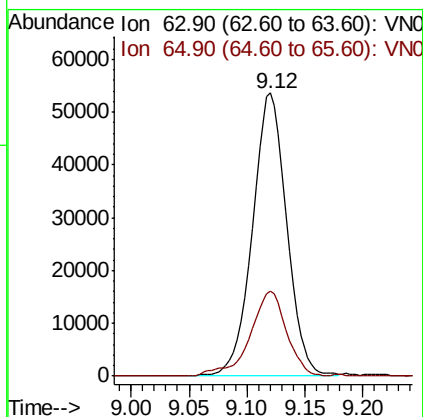
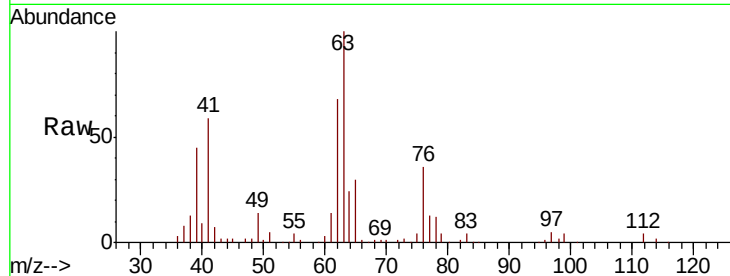




#45
 1,2-Dichloropropane
 Concen: 20.207 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

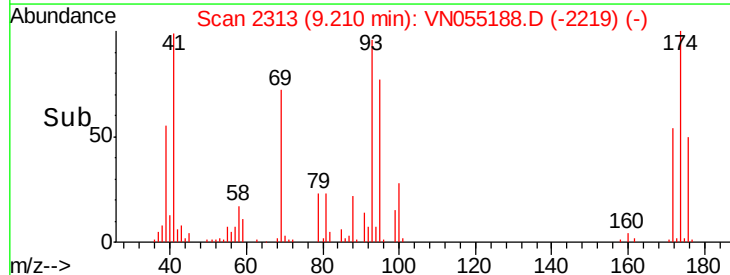
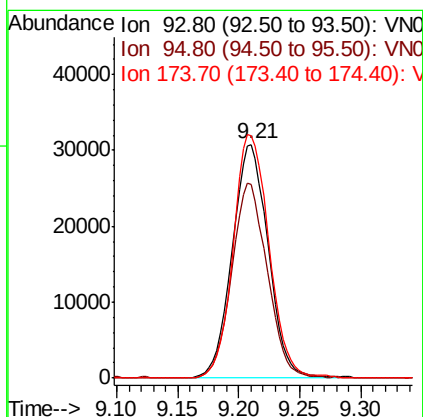
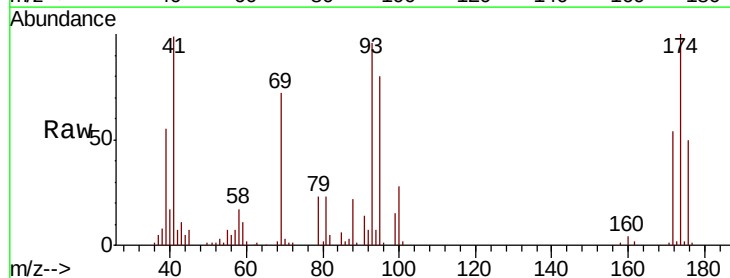
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

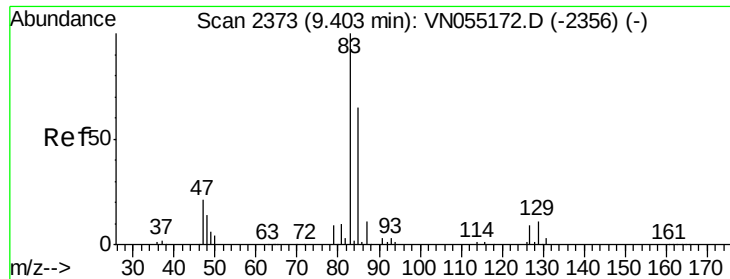
Tot Ion: 63 Resp: 110548
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.8 35.6



#46
 Dibromomethane
 Concen: 20.174 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Tgt Ion: 93 Resp: 63183
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.6 101.4
 174 103.6 83.4 125.2





#47

Bromodichloromethane

Concen: 20.209 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

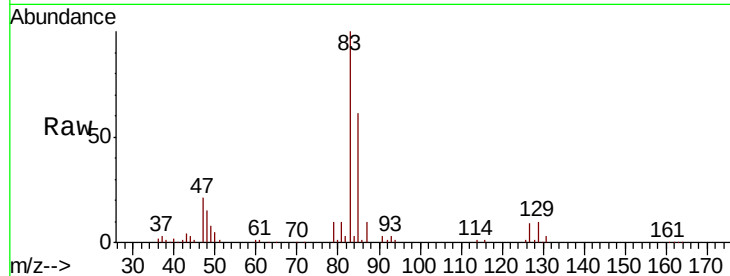
Tot Ion: 83 Resp: 126702

Ion Ratio Lower Upper

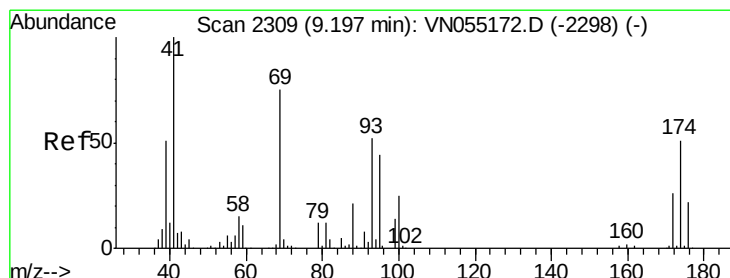
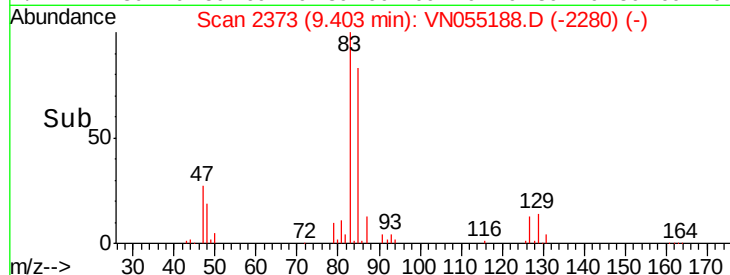
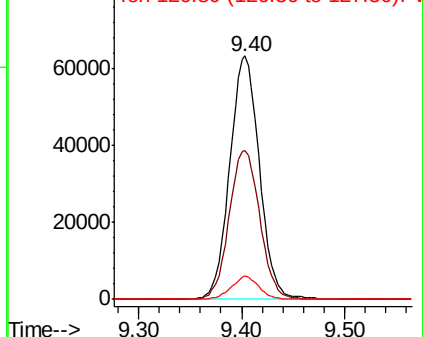
83 100

85 61.3 52.1 78.1

127 9.5 6.9 10.3



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



#48

Methyl methacrylate

Concen: 21.020 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

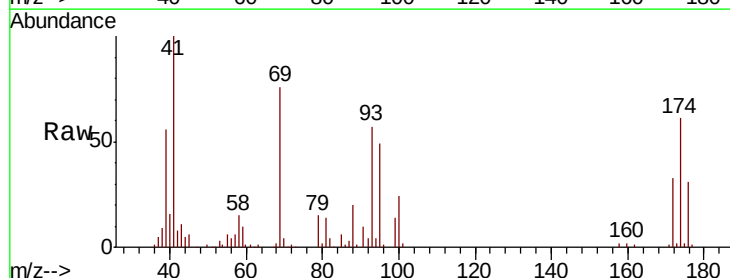
Tgt Ion: 41 Resp: 83662

Ion Ratio Lower Upper

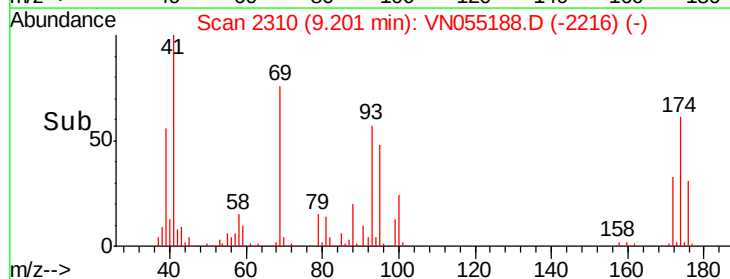
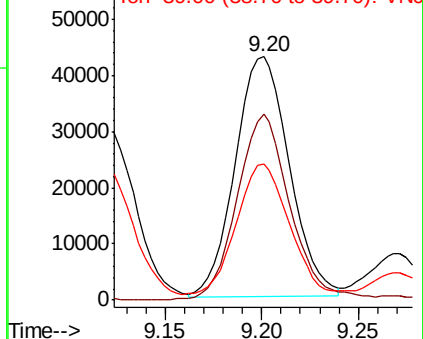
41 100

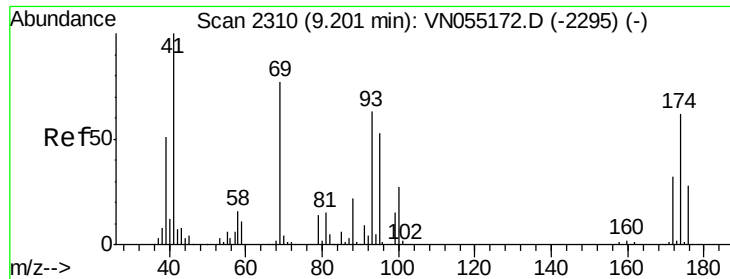
69 75.7 63.6 95.4

39 56.9 43.8 65.8



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





#49

1,4-Dioxane

Concen: 414.005 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

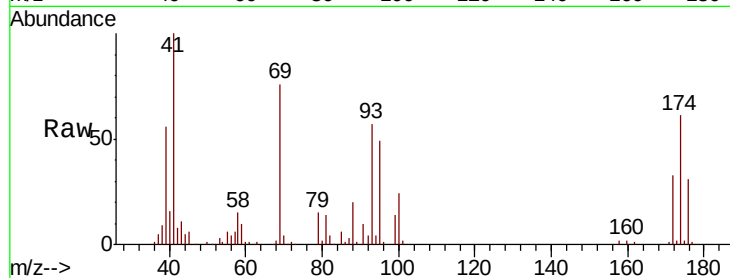
Tot Ion: 88 Resp: 19029

Ion Ratio Lower Upper

88 100

43 37.2 32.0 48.0

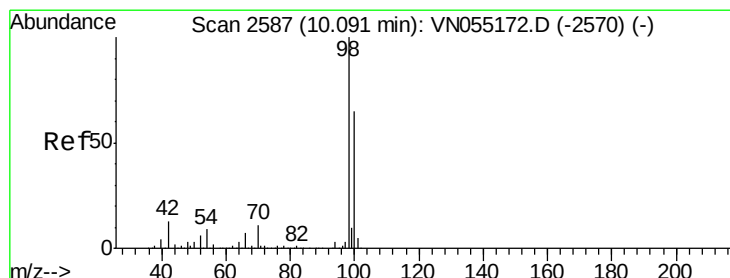
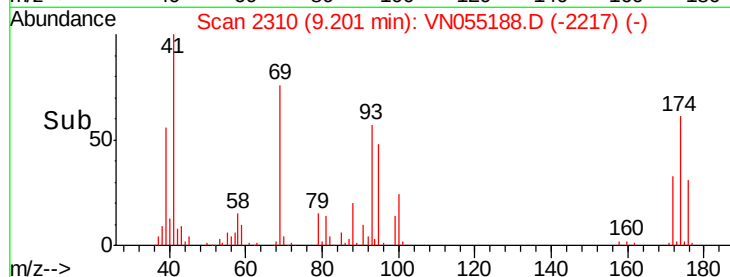
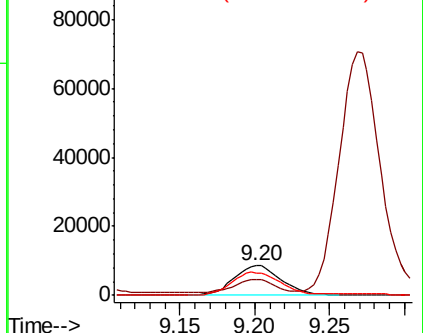
58 80.8 60.4 90.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.997 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055188.D

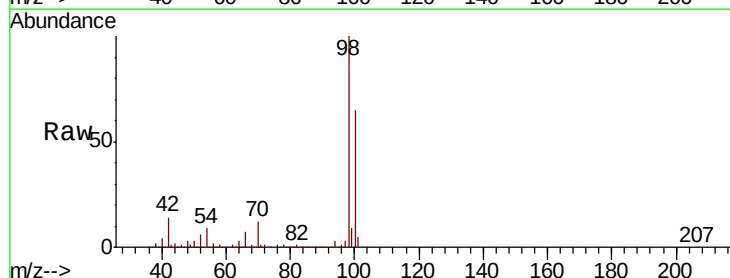
Acq: 22 Apr 2019 18:09

Tgt Ion: 98 Resp: 817228

Ion Ratio Lower Upper

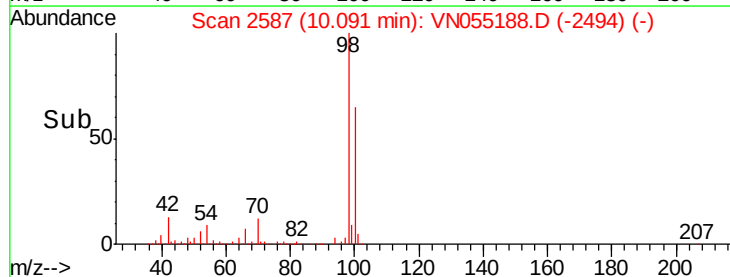
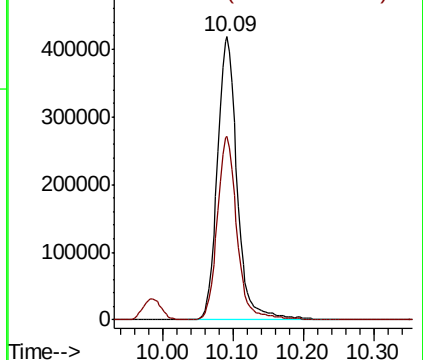
98 100

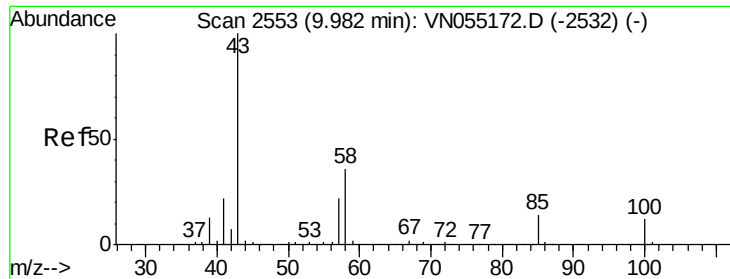
100 64.8 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 105.764 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

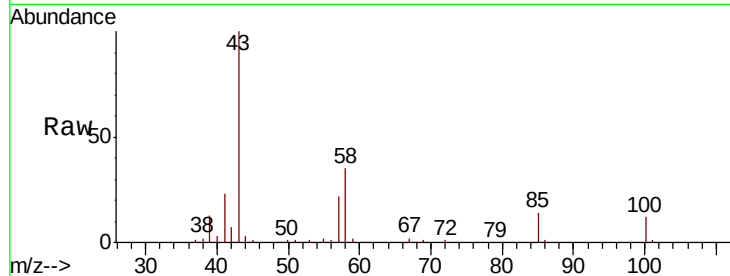
VN0422WBSD01

Tot Ion: 43 Resp: 499361

Ion Ratio Lower Upper

43 100

58 35.3 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

250000

200000

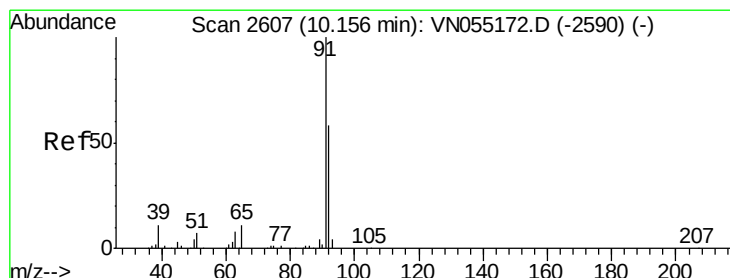
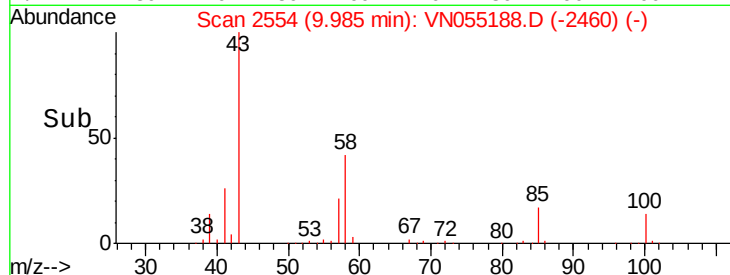
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.987 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055188.D

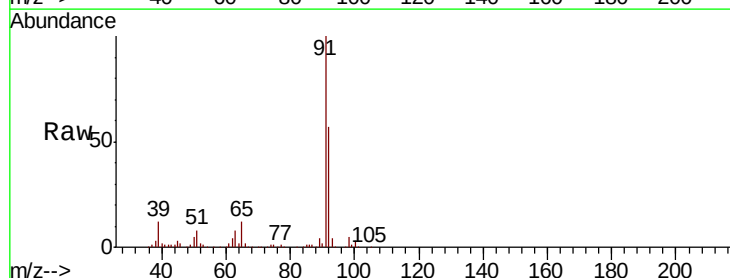
Acq: 22 Apr 2019 18:09

Tgt Ion: 92 Resp: 227089

Ion Ratio Lower Upper

92 100

91 177.6 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

200000

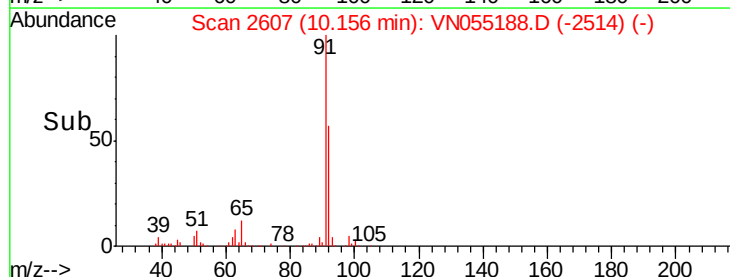
150000

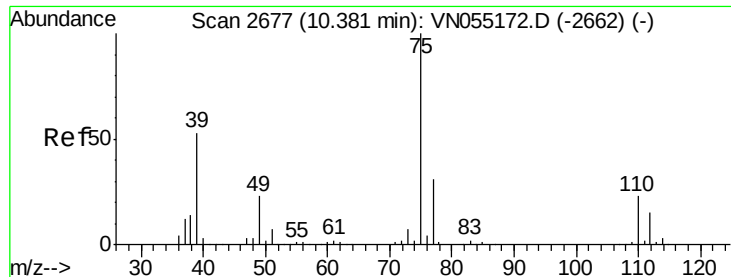
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.106 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

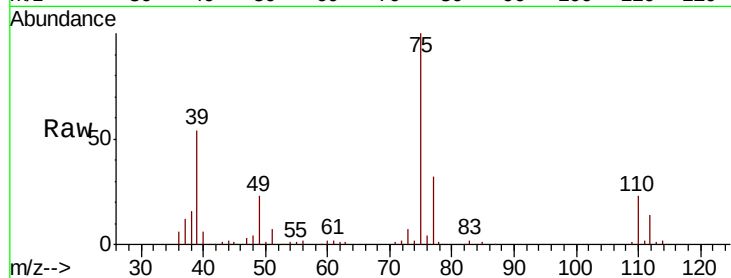
VN0422WBSD01

Tot Ion: 75 Resp: 115686

Ion Ratio Lower Upper

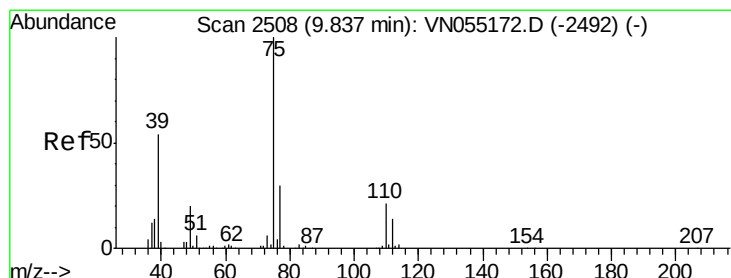
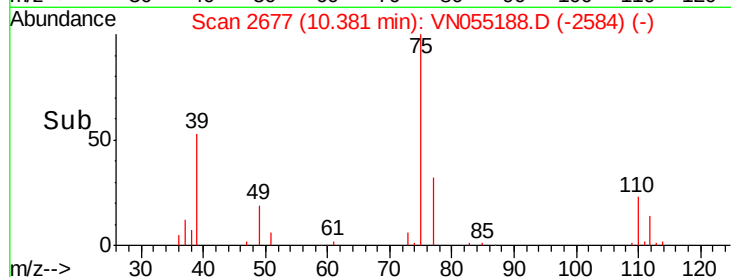
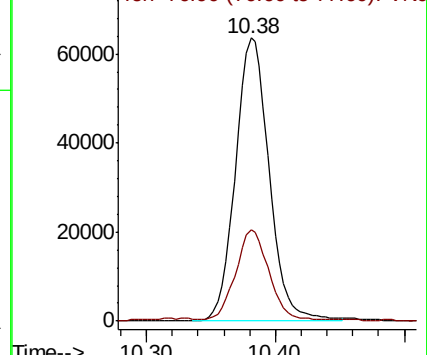
75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.364 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

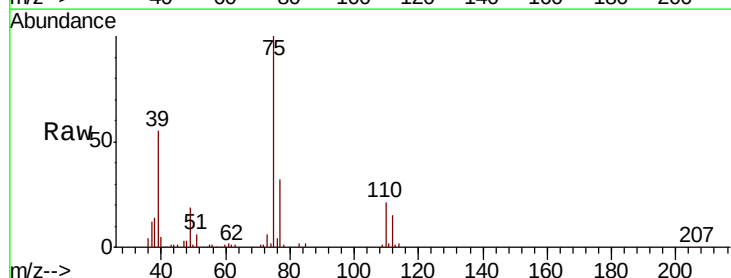
Tgt Ion: 75 Resp: 145398

Ion Ratio Lower Upper

75 100

77 32.3 24.3 36.5

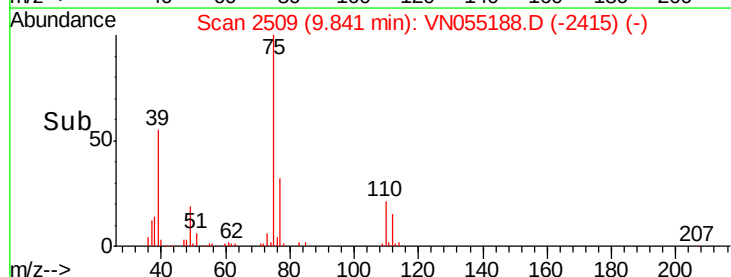
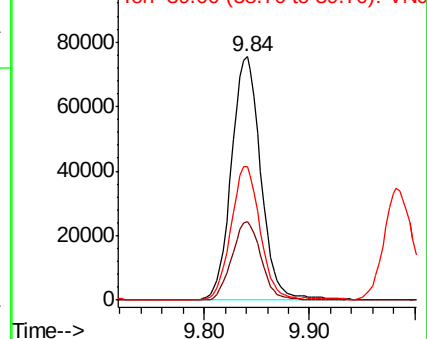
39 54.9 43.0 64.4

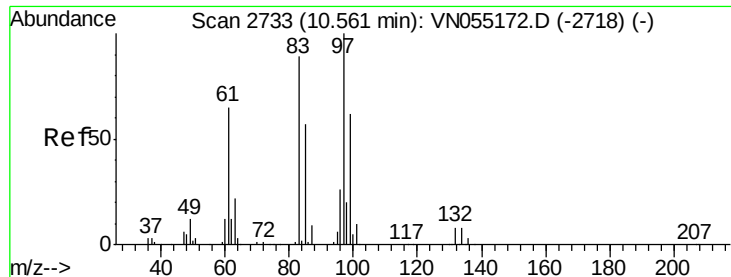


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.734 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

Tot Ion: 97 Resp: 86852

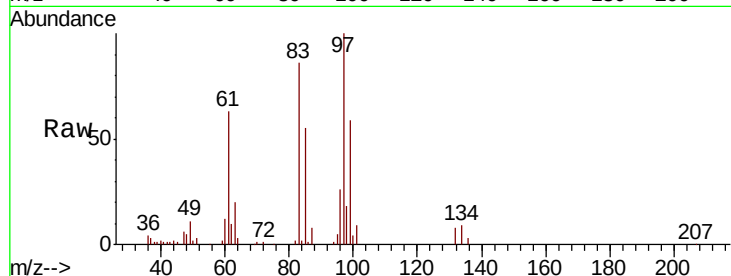
Ion Ratio Lower Upper

97 100

83 86.0 71.5 107.3

85 55.2 45.8 68.6

99 58.8 49.9 74.9

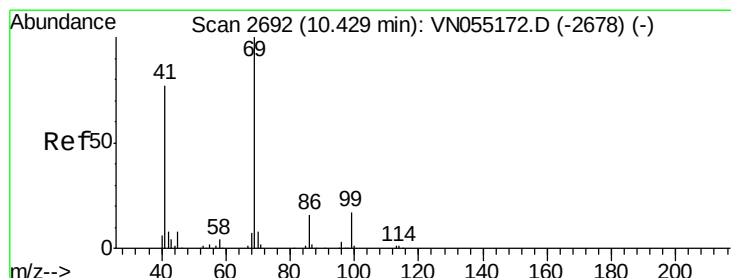
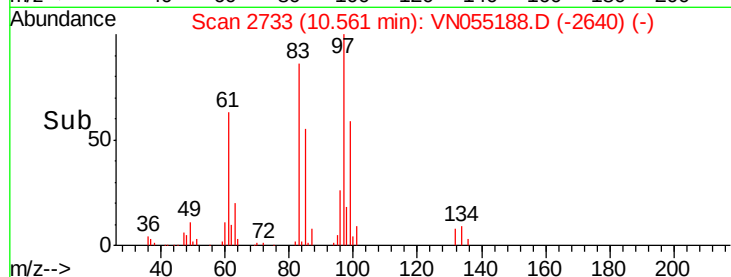
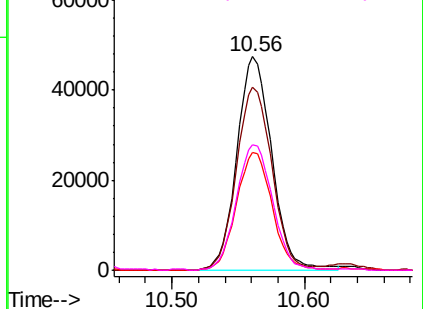


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.407 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

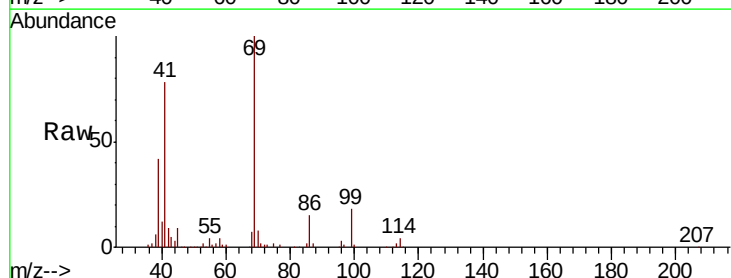
Tgt Ion: 69 Resp: 111707

Ion Ratio Lower Upper

69 100

41 74.6 60.6 90.8

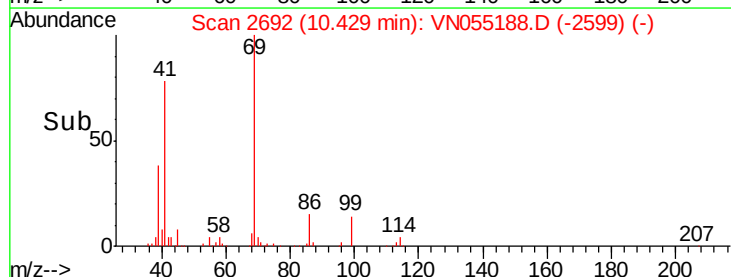
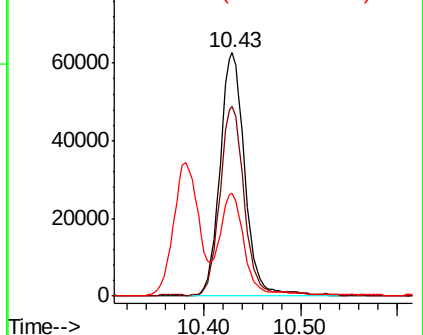
39 38.2 31.7 47.5

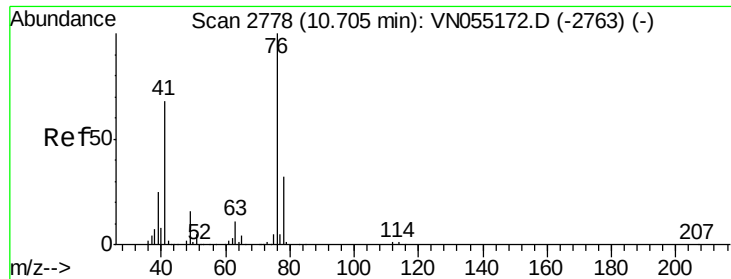


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.757 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

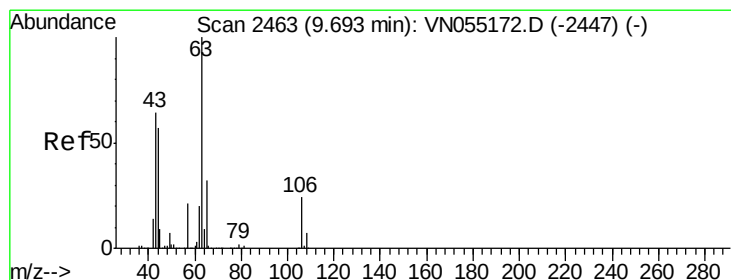
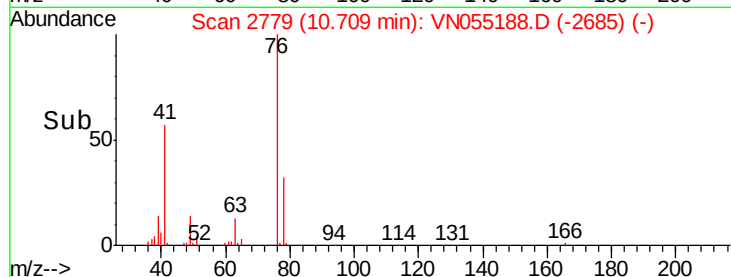
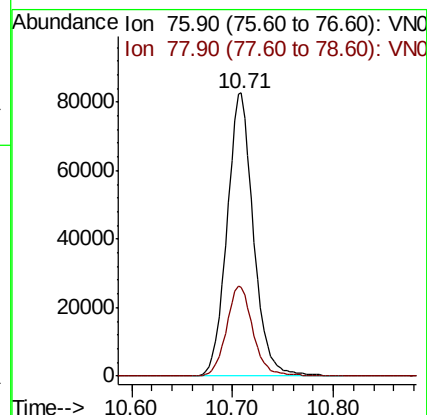
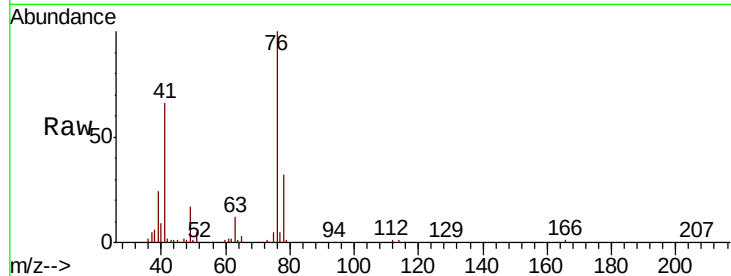
VN0422WBSD01

Tot Ion: 76 Resp: 151277

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.910 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055188.D

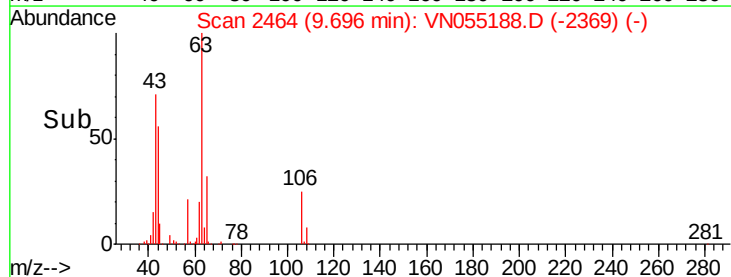
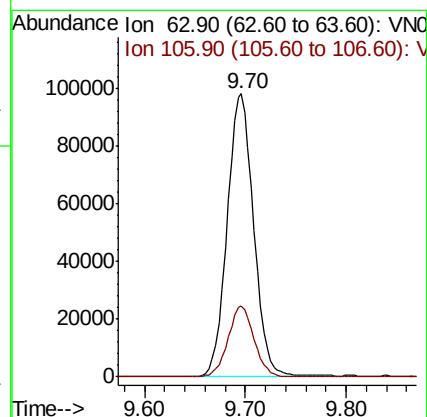
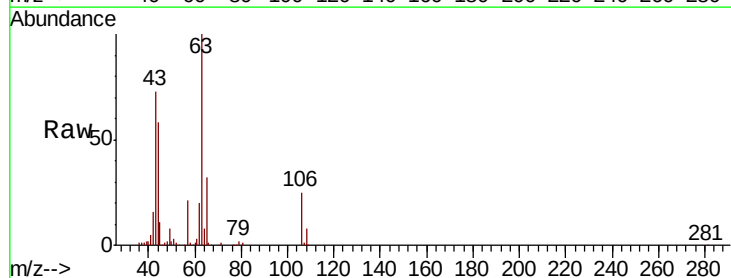
Acq: 22 Apr 2019 18:09

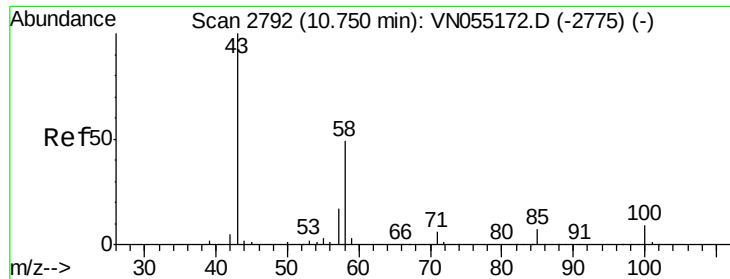
Tgt Ion: 63 Resp: 180310

Ion Ratio Lower Upper

63 100

106 24.6 19.4 29.0

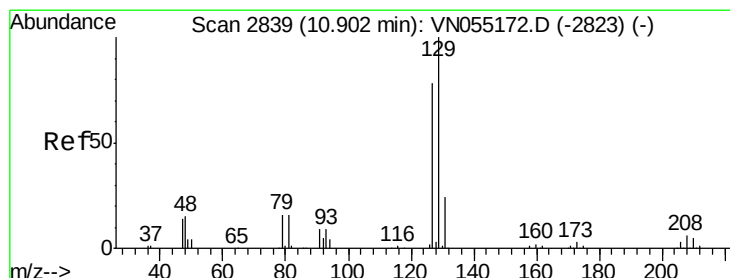
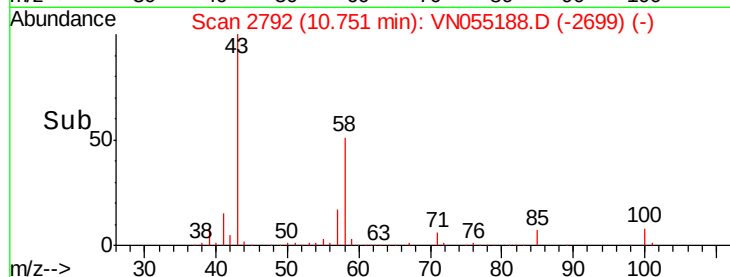
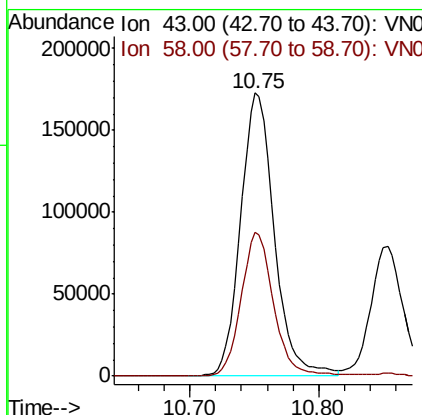
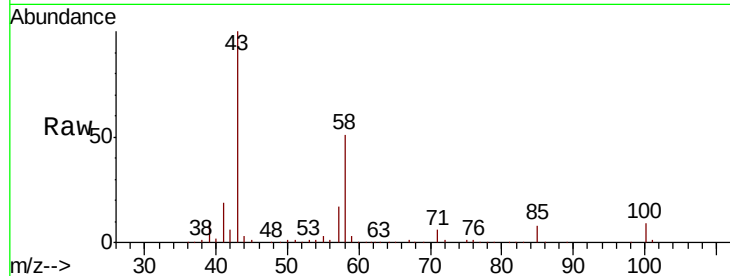




#59
2-Hexanone
Concen: 104.879 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

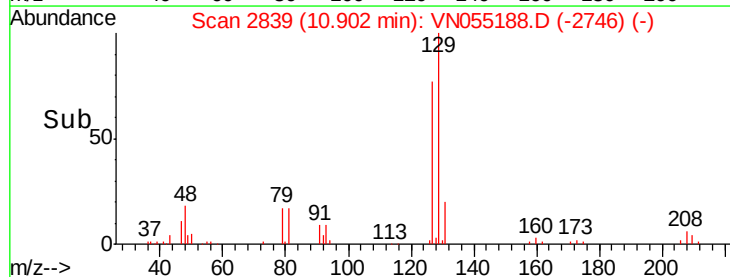
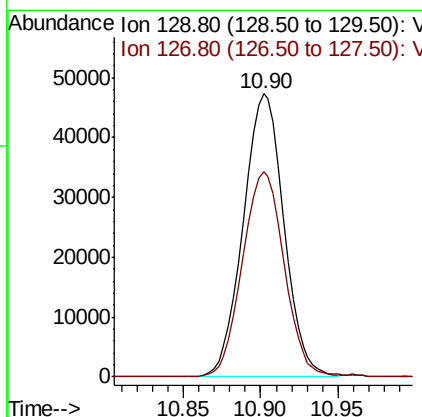
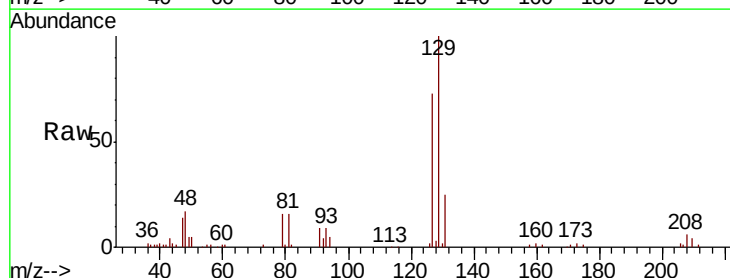
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

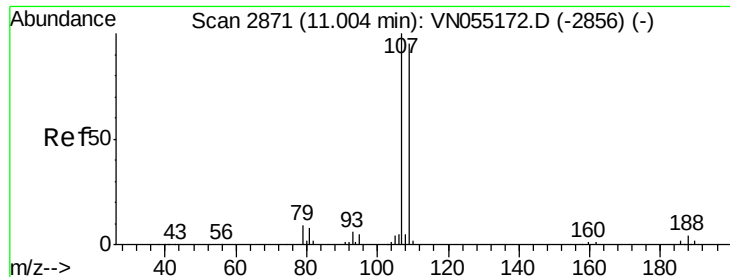
Tot Ion: 43 Resp: 312781
Ion Ratio Lower Upper
43 100
58 49.3 24.5 73.5



#60
Dibromochloromethane
Concen: 20.152 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 129 Resp: 86947
Ion Ratio Lower Upper
129 100
127 74.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.841 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

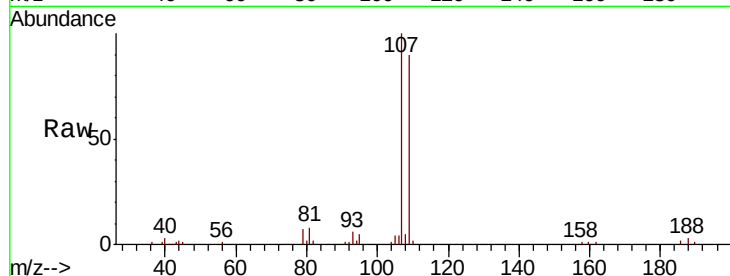
VN0422WBSD01

Tot Ion: 107 Resp: 82081

Ion Ratio Lower Upper

107 100

109 94.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

40000

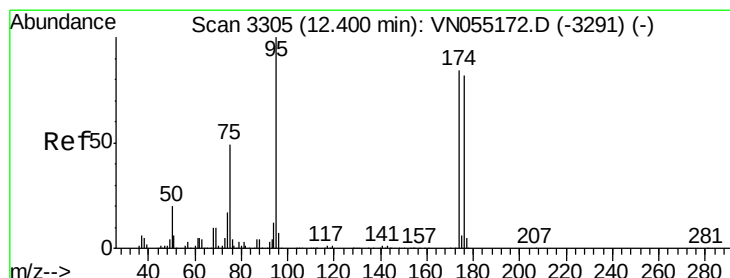
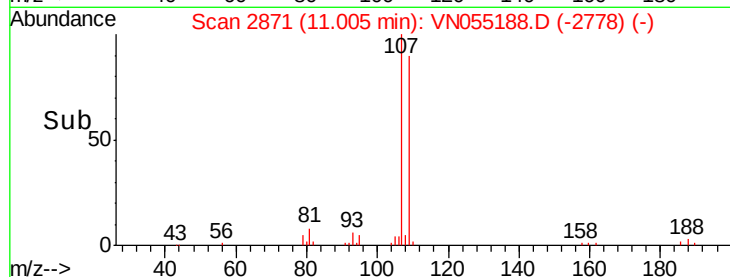
30000

20000

10000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 47.746 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

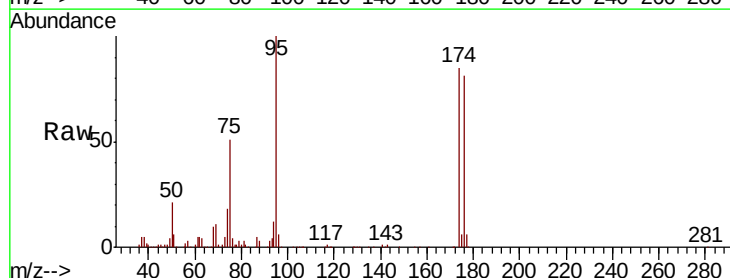
Tgt Ion: 95 Resp: 257442

Ion Ratio Lower Upper

95 100

174 86.3 0.0 168.4

176 81.8 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

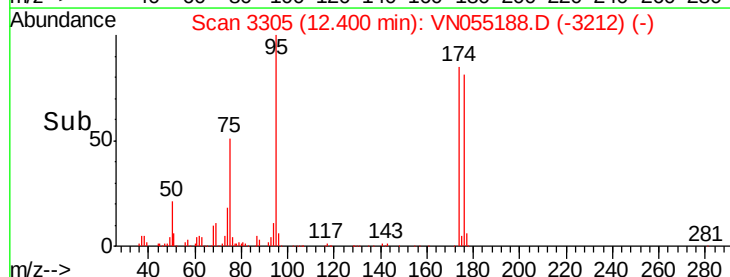
150000

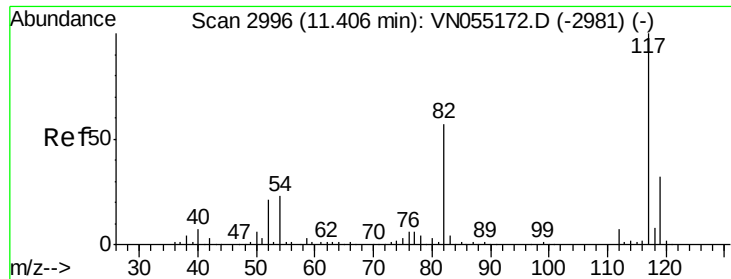
100000

50000

0

Time--> 12.30 12.40 12.50

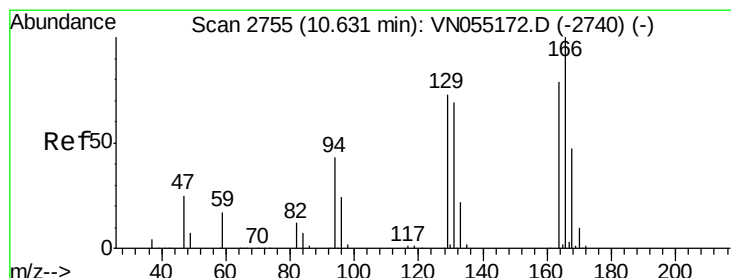
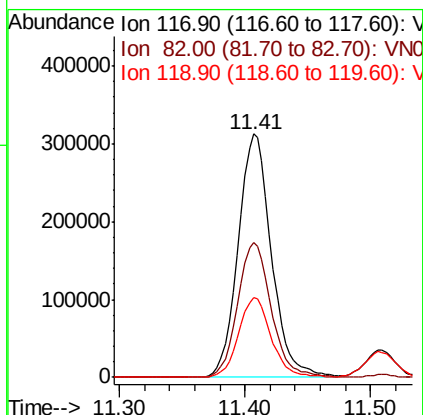
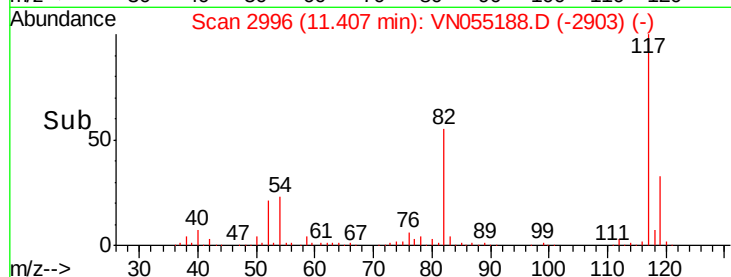
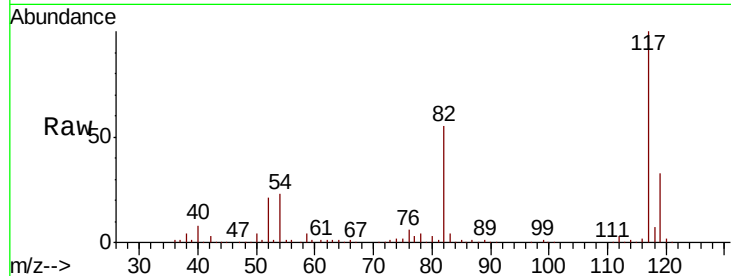




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

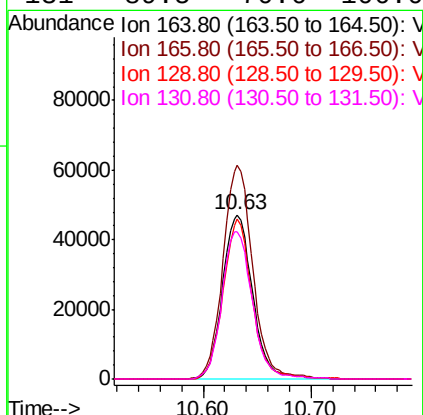
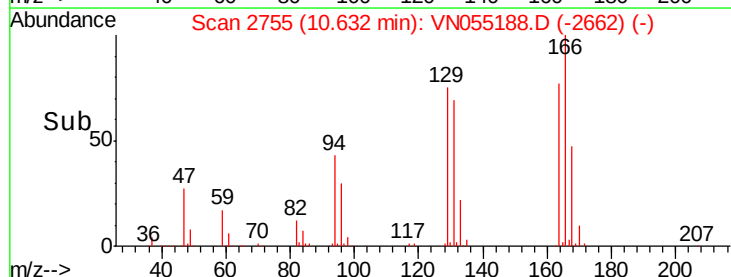
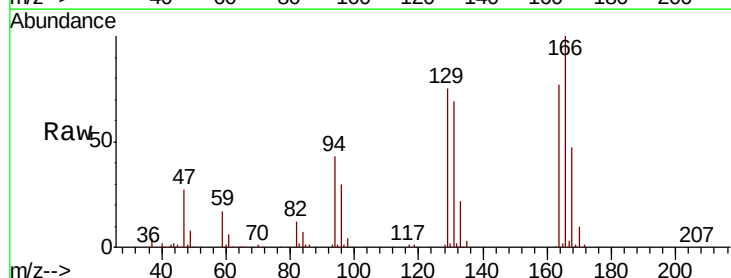
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

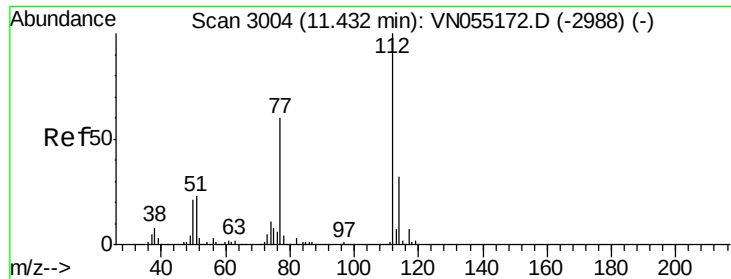
Tot Ion:117 Resp: 575831
Ion Ratio Lower Upper
117 100
82 55.4 45.7 68.5
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 19.470 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion:164 Resp: 91460
Ion Ratio Lower Upper
164 100
166 129.9 101.9 152.9
129 97.3 74.1 111.1
131 89.5 70.6 106.0

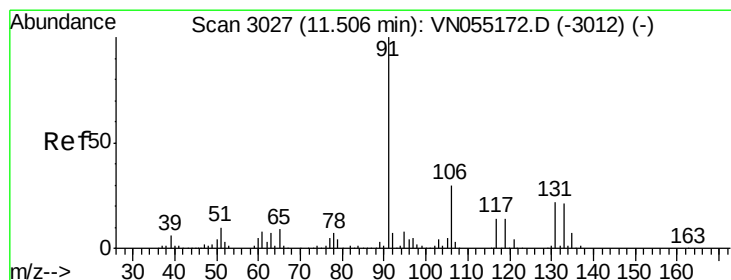
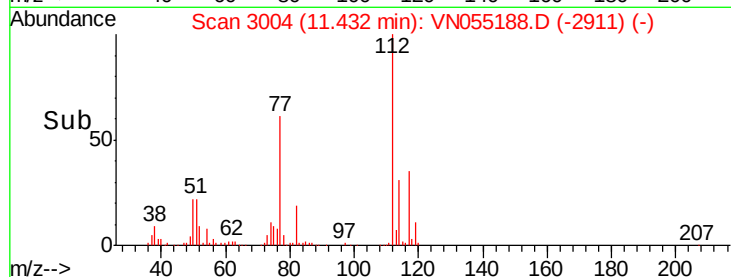
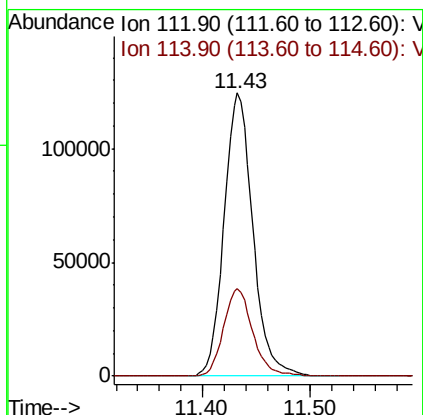
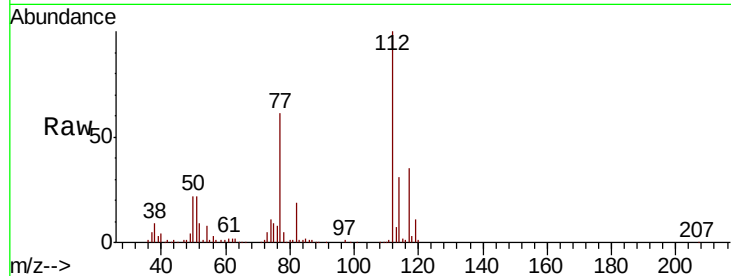




#65
Chlorobenzene
Concen: 19.674 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

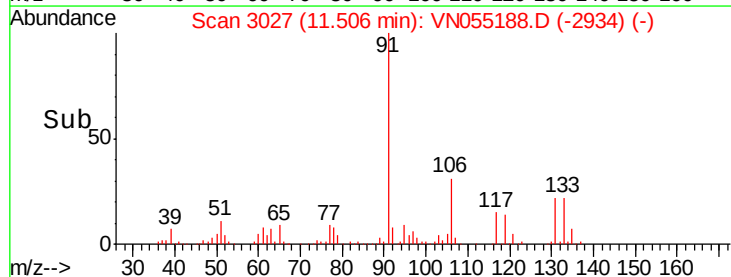
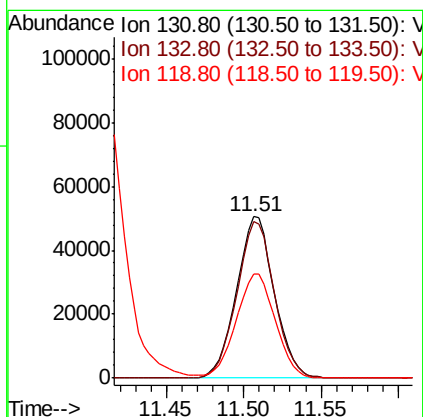
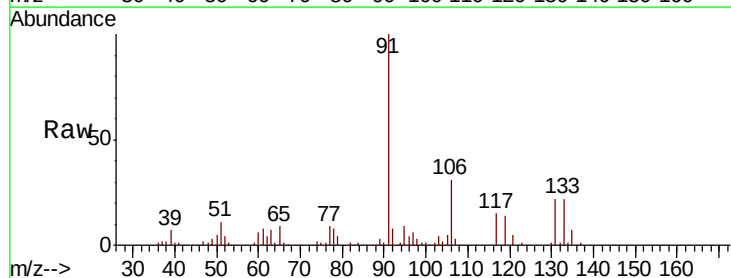
Instrument :
MSVOA_N
ClientSampled :
VN0422WBSD01

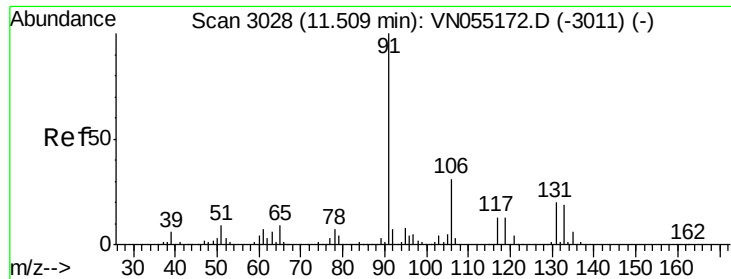
Tot Ion:112 Resp: 231238
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.621 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion:131 Resp: 85473
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 67.0 33.2 99.6

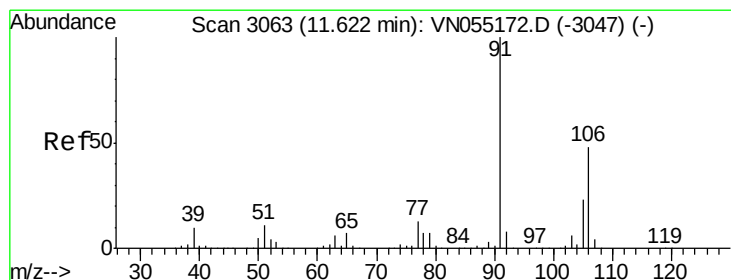
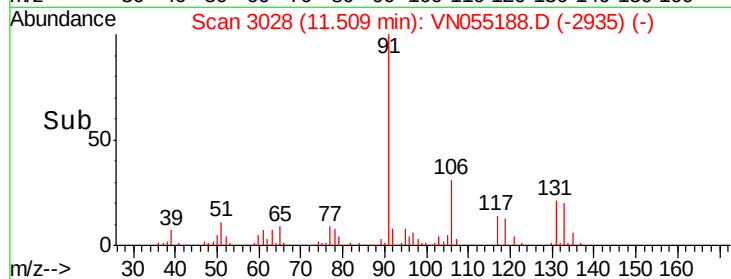
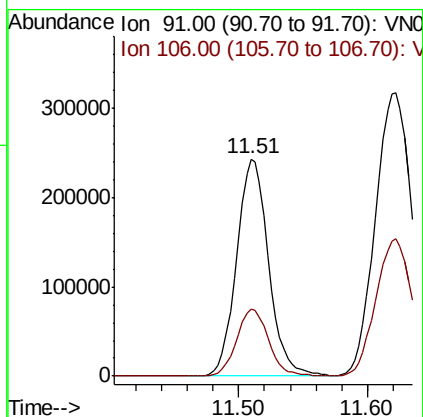
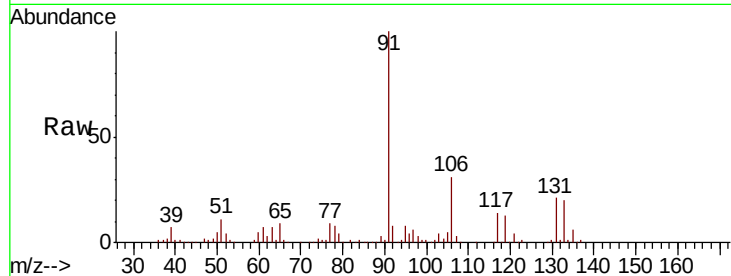




#67
Ethyl Benzene
Concen: 20.027 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

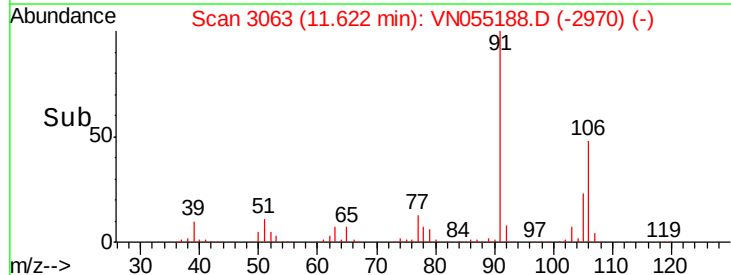
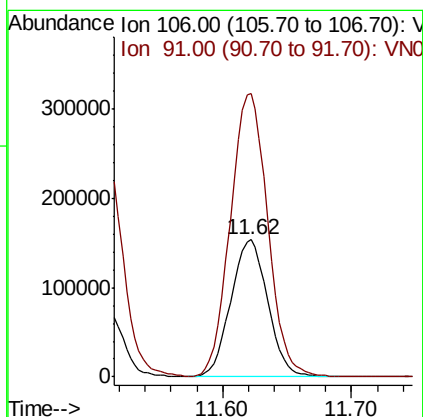
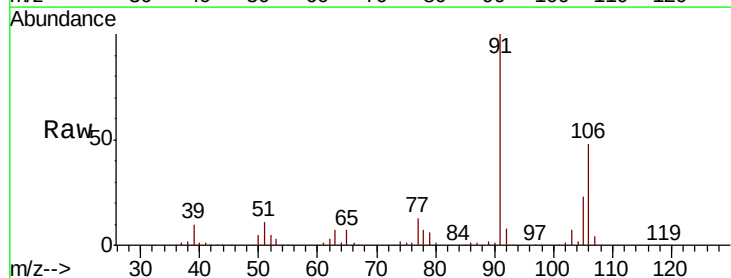
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

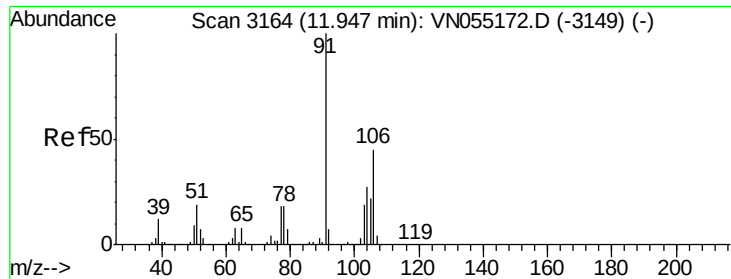
Tot Ion: 91 Resp: 419292
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7



#68
m/p-Xylenes
Concen: 40.683 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 106 Resp: 305490
Ion Ratio Lower Upper
106 100
91 209.2 167.1 250.7

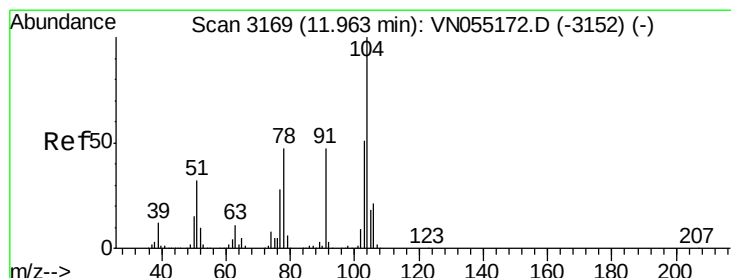
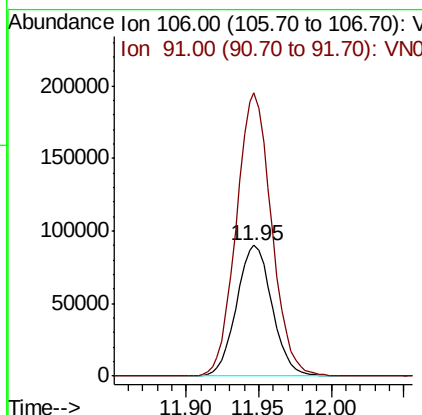
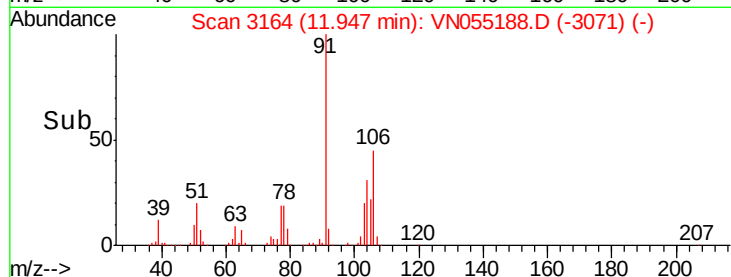
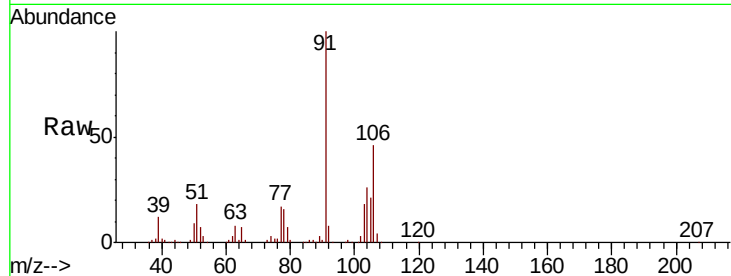




#69
o-Xylene
Concen: 20.582 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

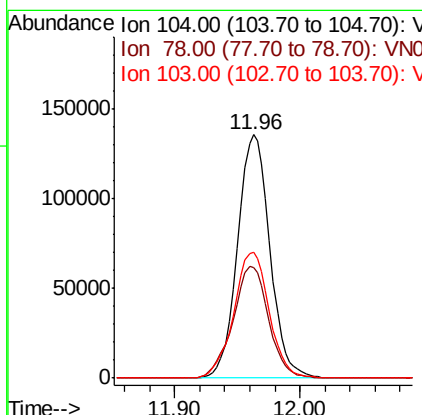
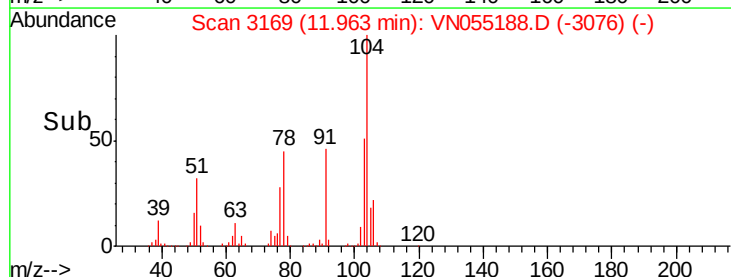
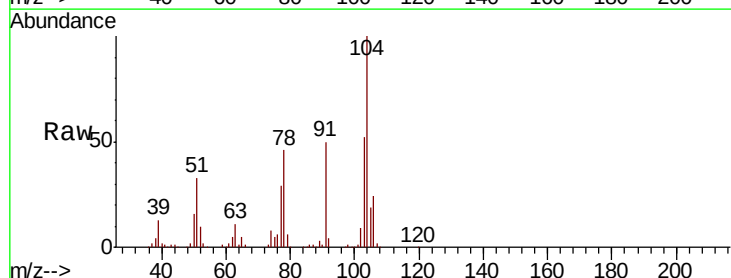
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBSD01

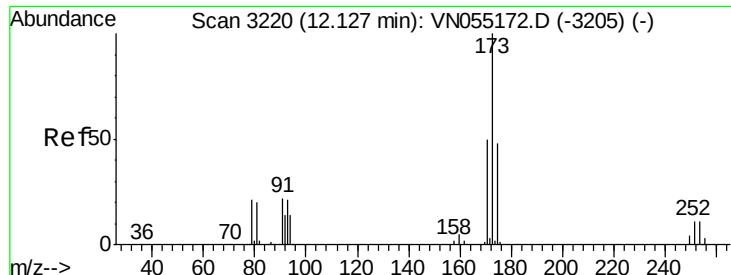
Tot Ion:106 Resp: 153380
Ion Ratio Lower Upper
106 100
91 215.2 110.6 331.8



#70
Styrene
Concen: 21.061 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion:104 Resp: 243279
Ion Ratio Lower Upper
104 100
78 50.6 41.3 61.9
103 56.8 44.2 66.4

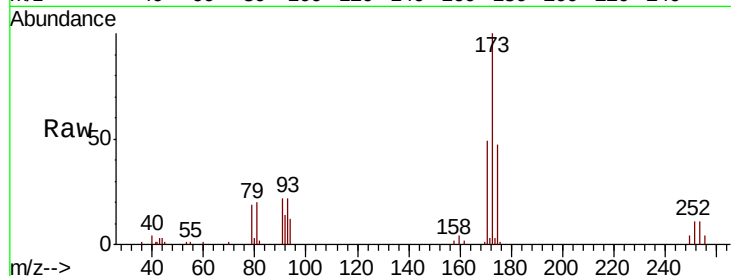




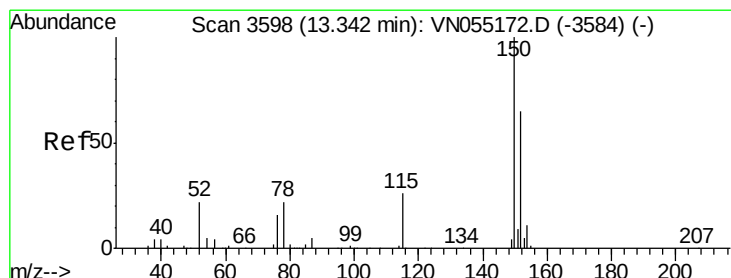
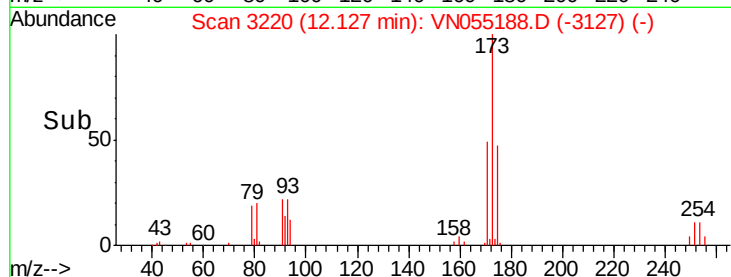
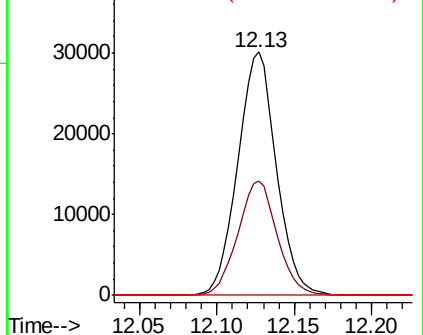
#71
 Bromoform
 Concen: 20.056 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

Tot Ion:173 Resp: 52135
 Ion Ratio Lower Upper
 173 100
 175 47.8 23.8 71.2
 254 0.0 0.1 0.1#

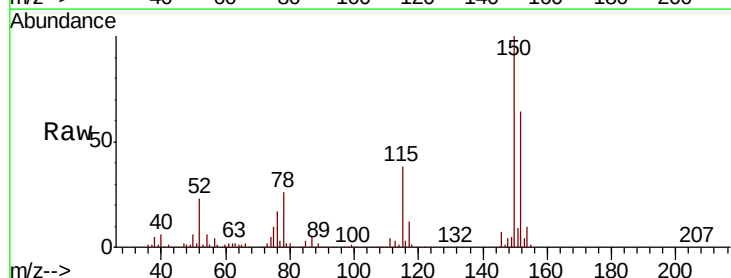


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

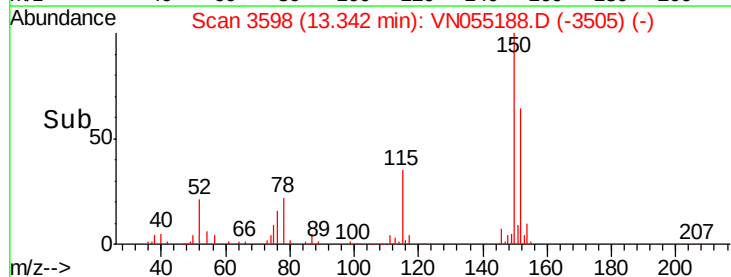
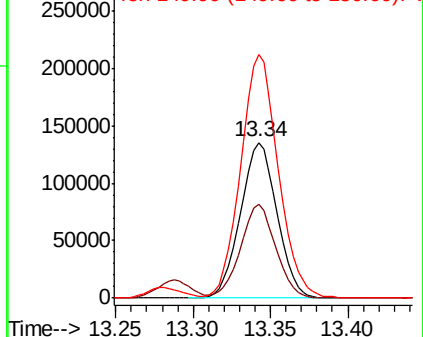


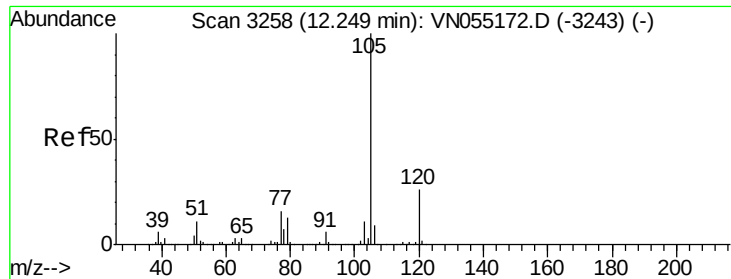
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Tgt Ion:152 Resp: 221741
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.9 86.7
 150 161.4 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.130 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

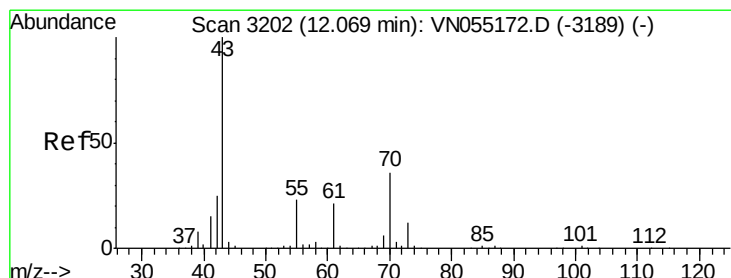
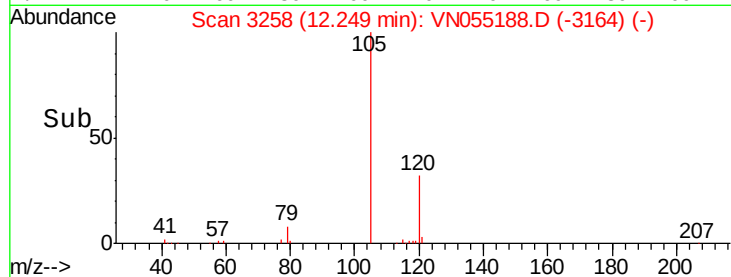
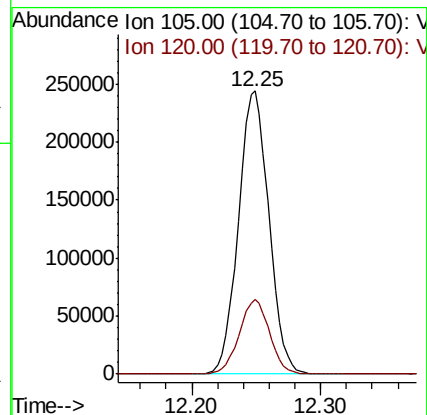
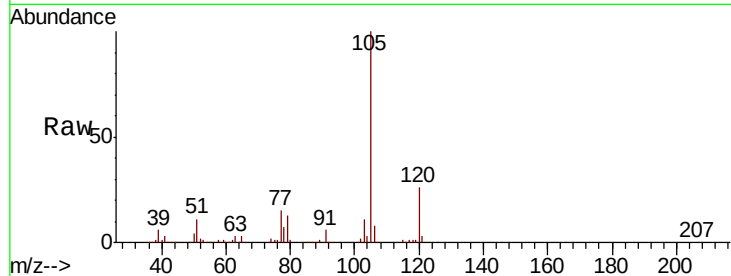
VN0422WBSD01

Tot Ion:105 Resp: 399680

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 21.449 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Tgt Ion: 43 Resp: 122625

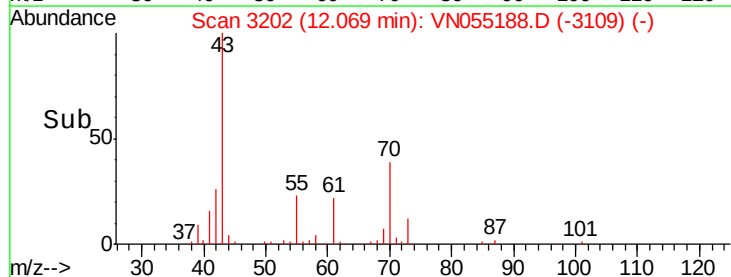
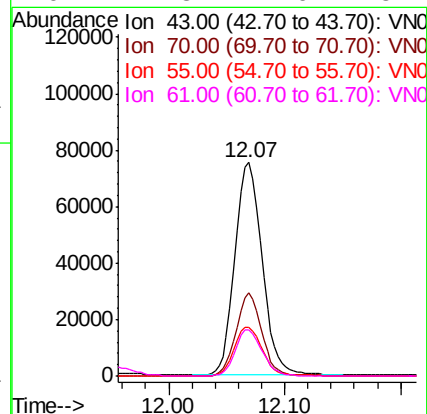
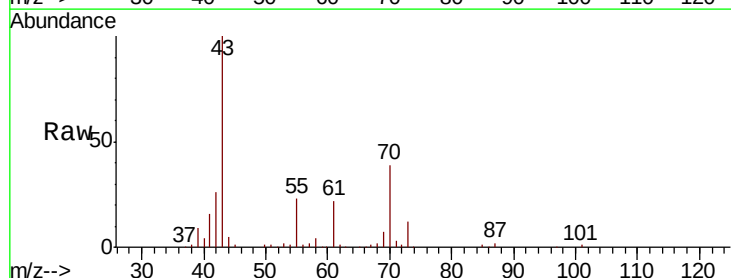
Ion Ratio Lower Upper

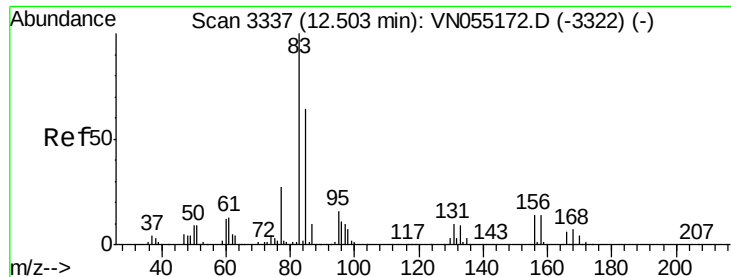
43 100

70 36.5 29.0 43.6

55 23.9 18.5 27.7

61 21.3 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.979 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

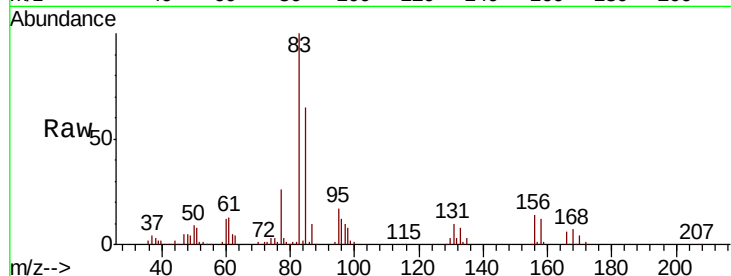
Tot Ion: 83 Resp: 105286

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

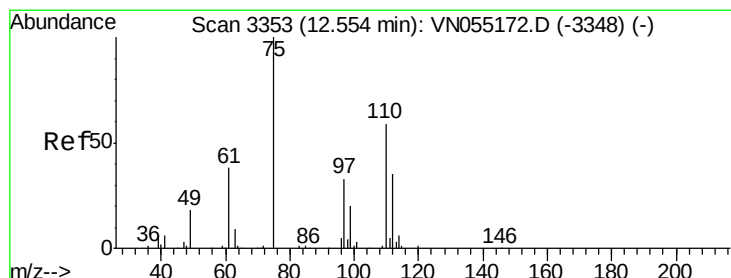
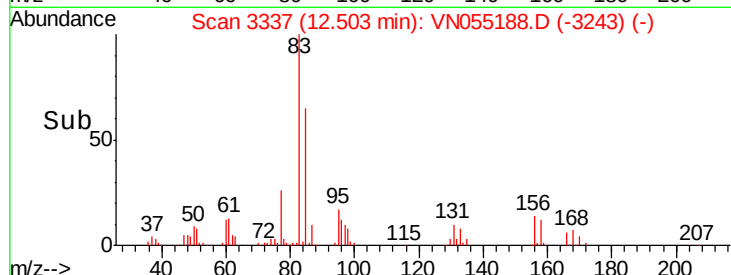
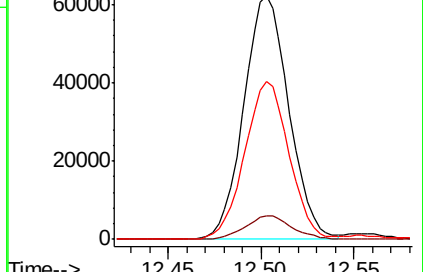
85 63.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.859 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055188.D

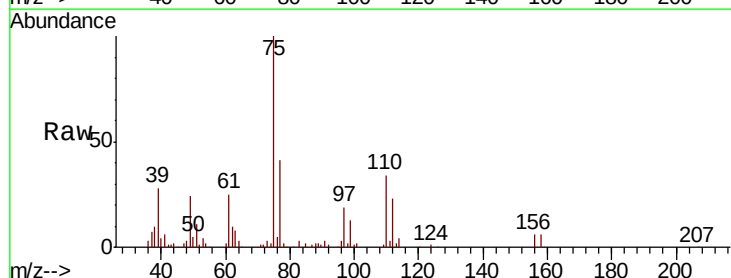
Acq: 22 Apr 2019 18:09

Tgt Ion: 75 Resp: 120825

Ion Ratio Lower Upper

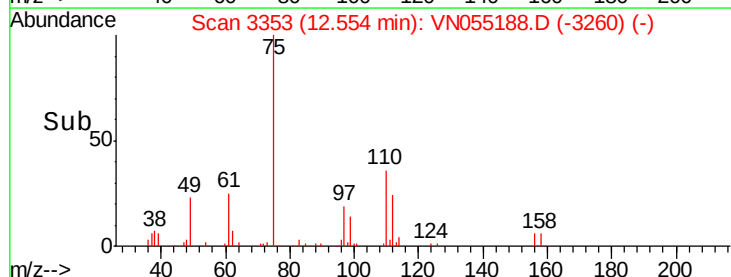
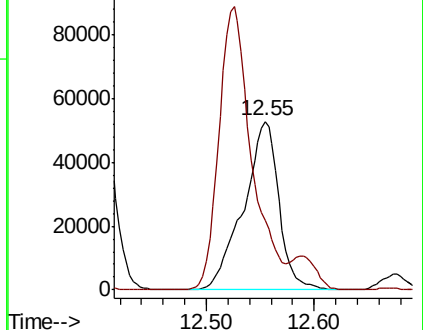
75 100

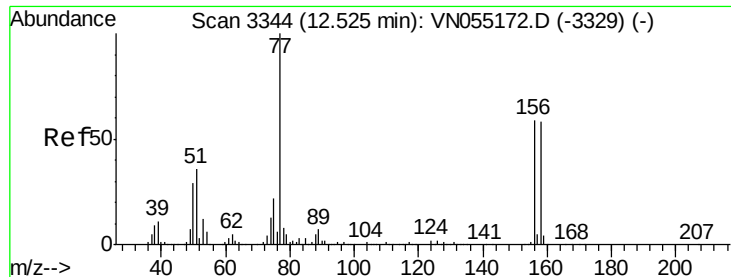
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.373 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

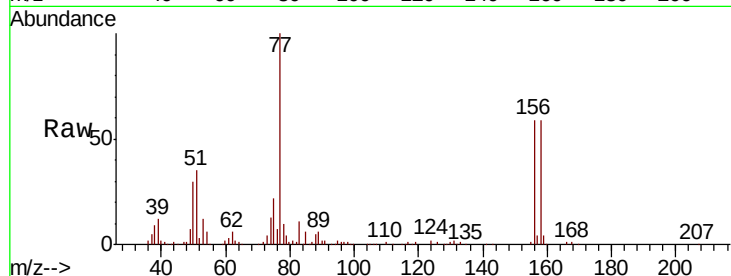
Tot Ion:156 Resp: 94835

Ion Ratio Lower Upper

156 100

77 198.3 98.0 293.9

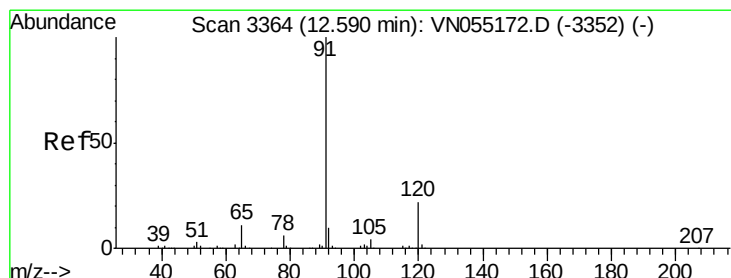
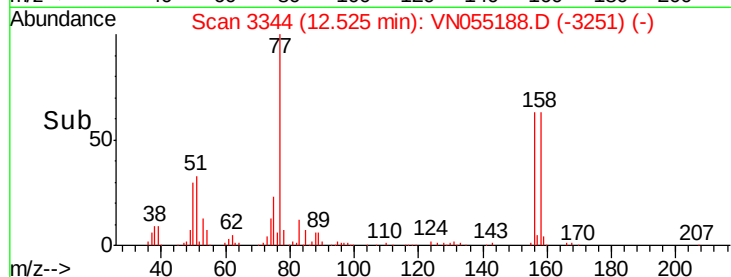
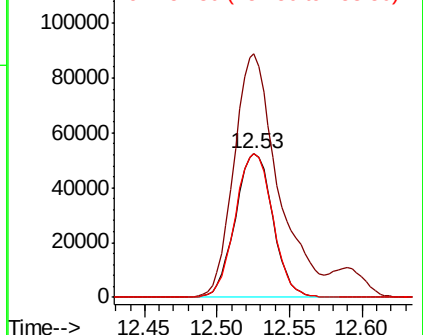
158 99.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.348 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055188.D

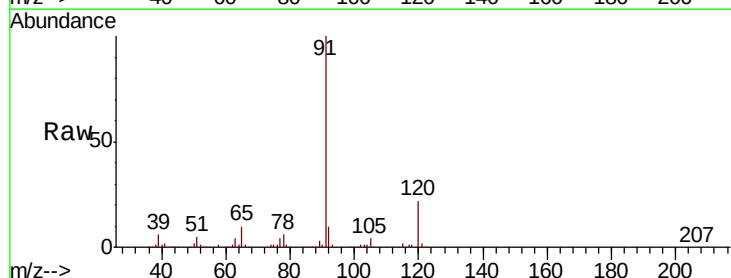
Acq: 22 Apr 2019 18:09

Tgt Ion: 91 Resp: 430256

Ion Ratio Lower Upper

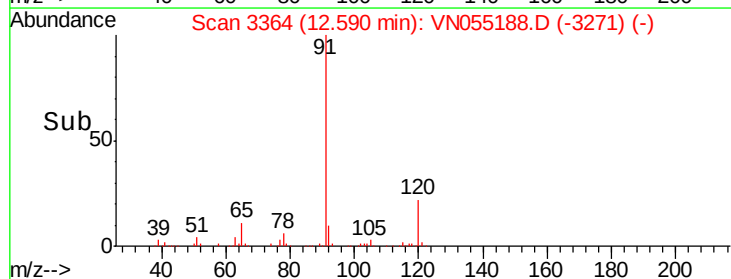
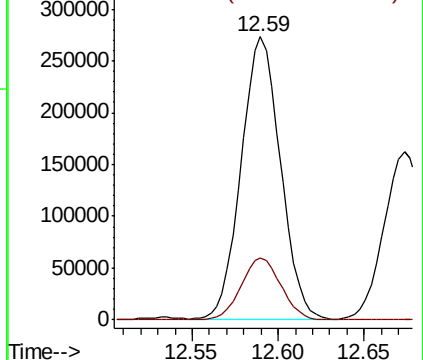
91 100

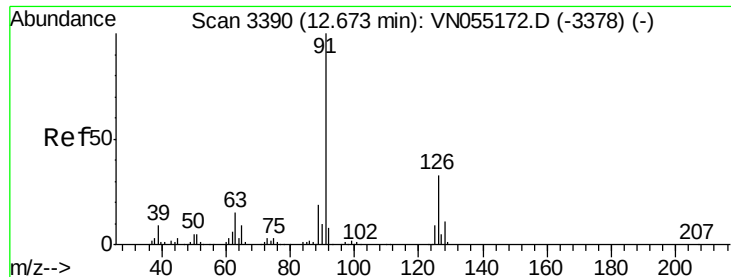
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.371 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampled :

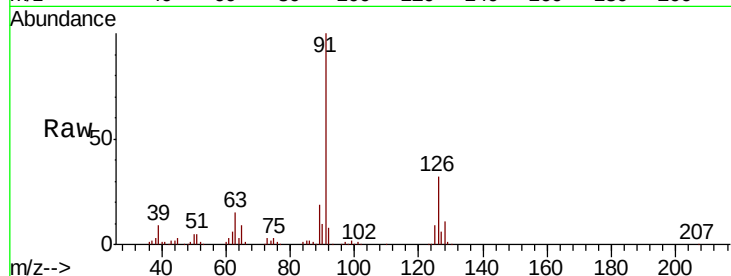
VN0422WBSD01

Tot Ion: 91 Resp: 272004

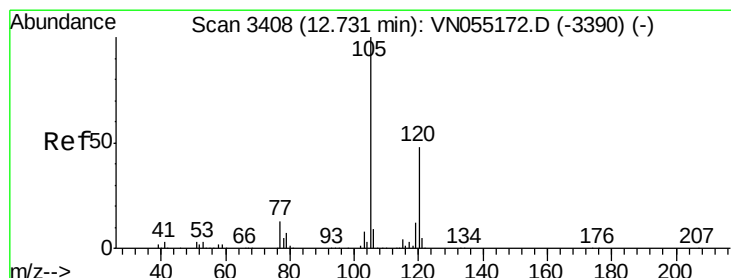
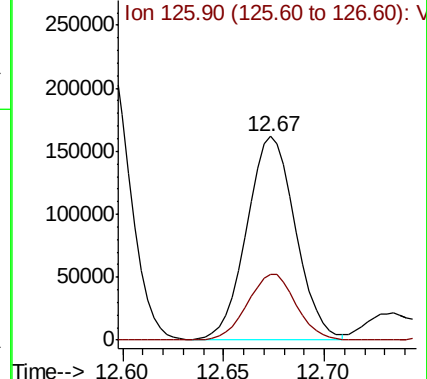
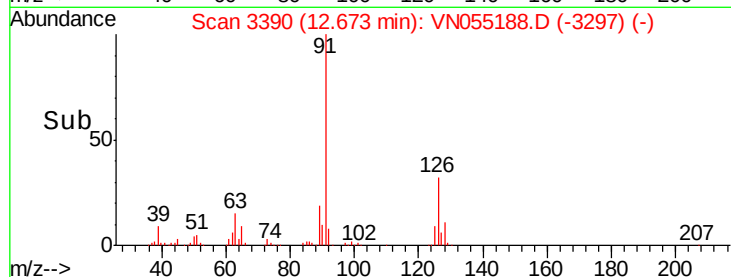
Ion Ratio Lower Upper

91 100

126 32.7 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VN055188.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.632 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055188.D

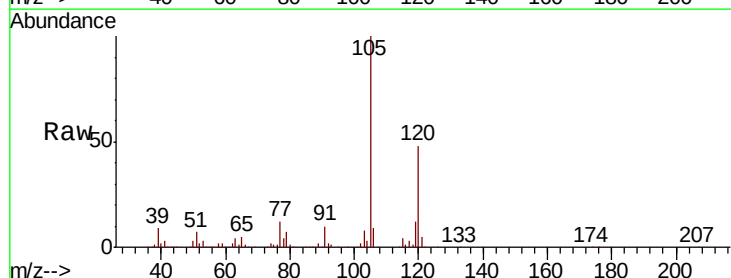
Acq: 22 Apr 2019 18:09

Tgt Ion:105 Resp: 325883

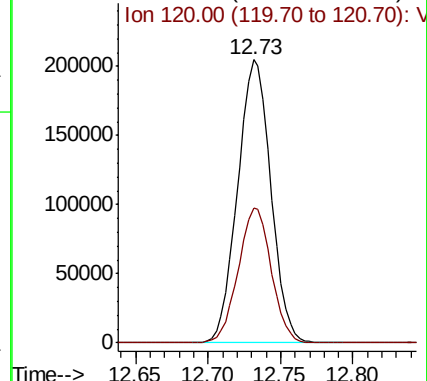
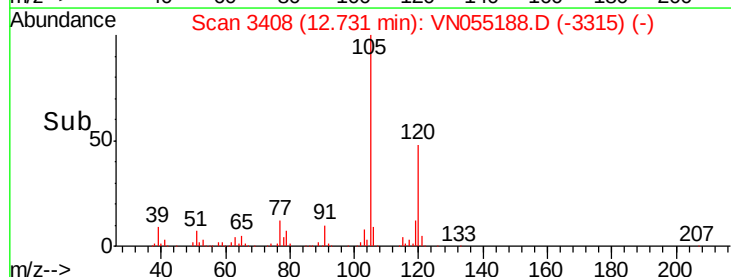
Ion Ratio Lower Upper

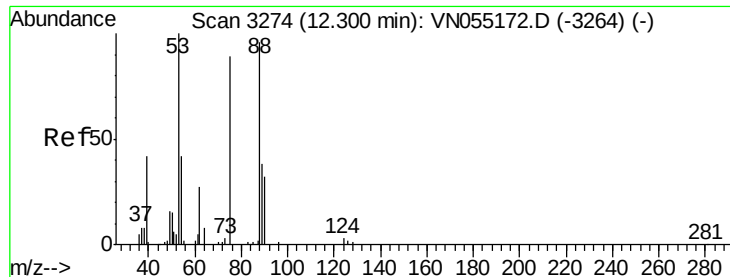
105 100

120 47.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055188.D (-3315) (-)

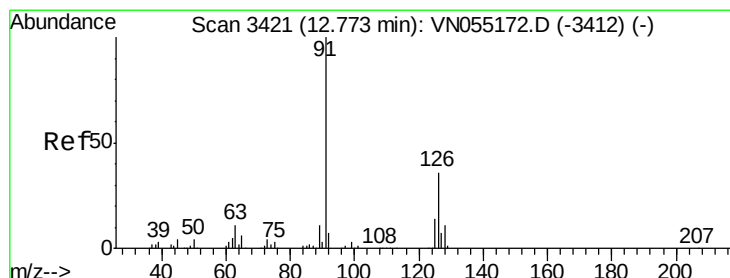
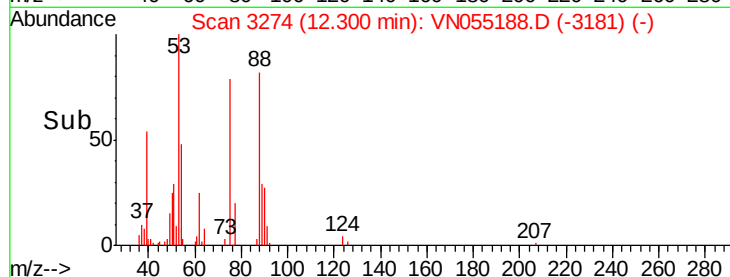
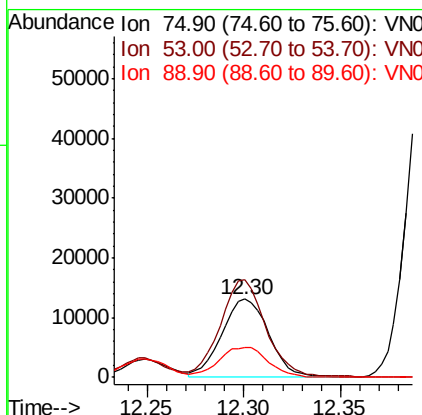
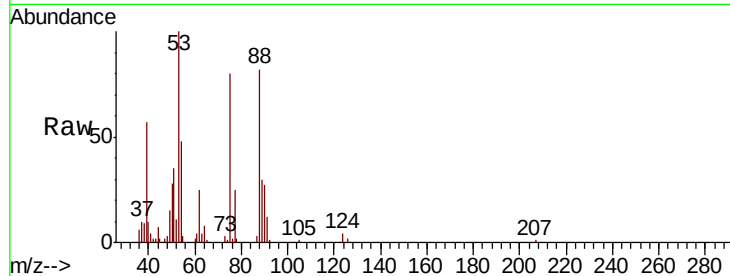




#81
trans-1,4-Dichloro-2-butene
Concen: 18.669 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

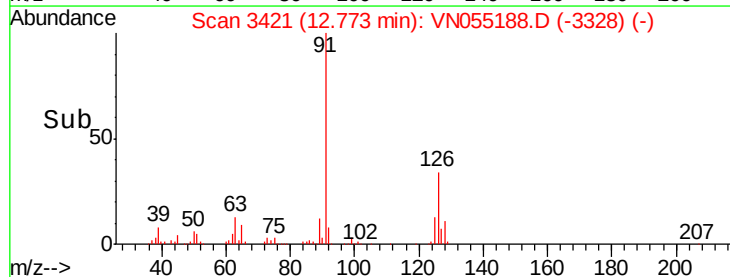
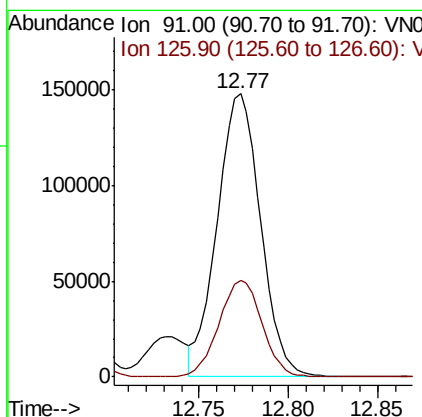
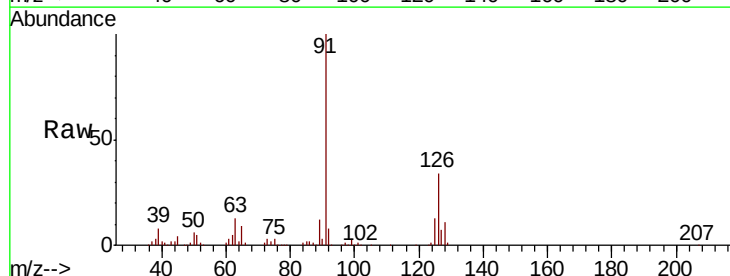
Instrument :
MSVOA_N
ClientSampled :
VN0422WBSD01

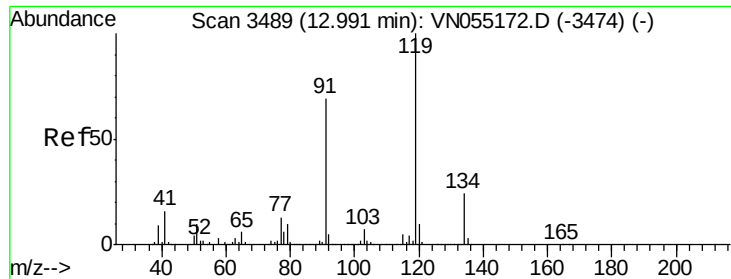
Tot Ion: 75 Resp: 22154
Ion Ratio Lower Upper
75 100
53 118.4 90.1 135.1
89 40.3 36.7 55.1



#82
4-Chlorotoluene
Concen: 19.266 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055188.D
Acq: 22 Apr 2019 18:09

Tgt Ion: 91 Resp: 248906
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5

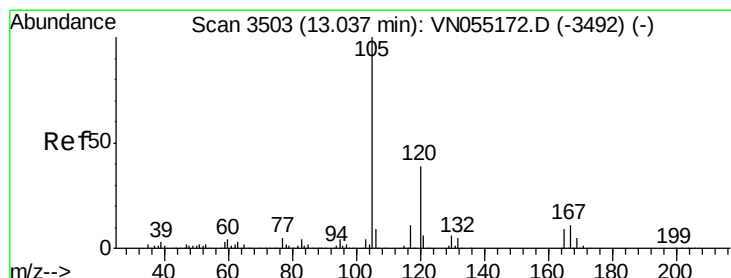
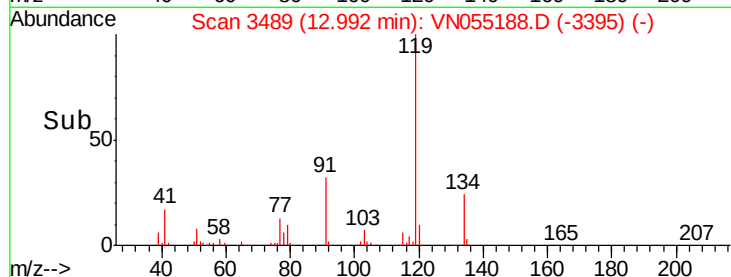
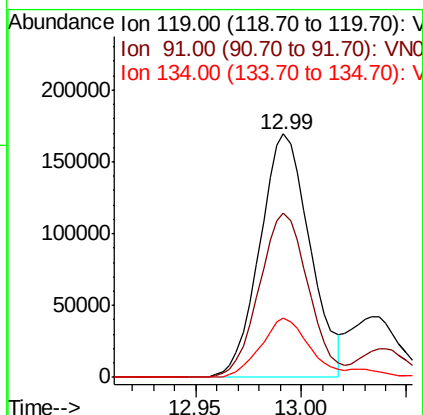
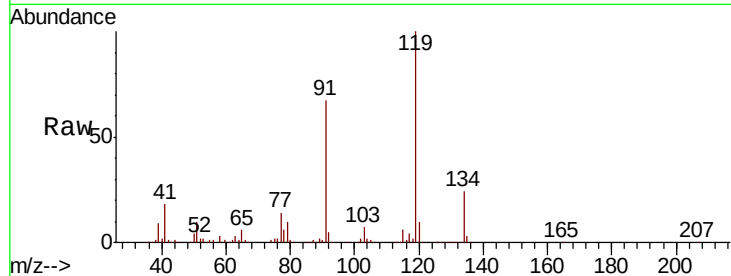




#83
 tert-Butylbenzene
 Concen: 21.150 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

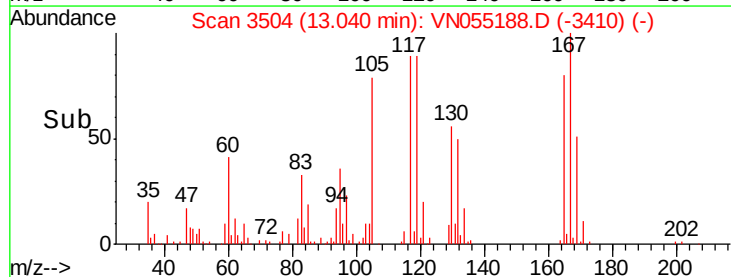
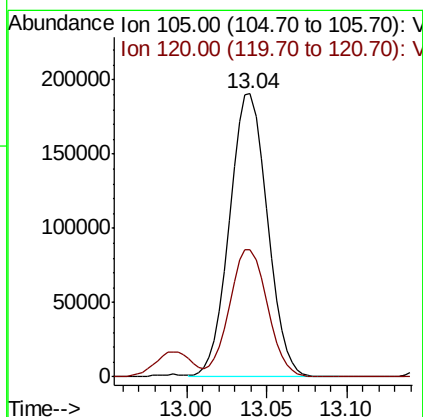
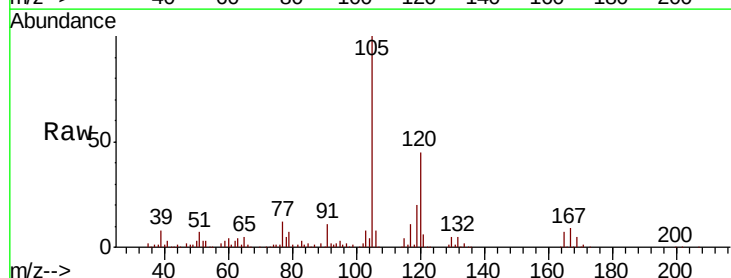
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

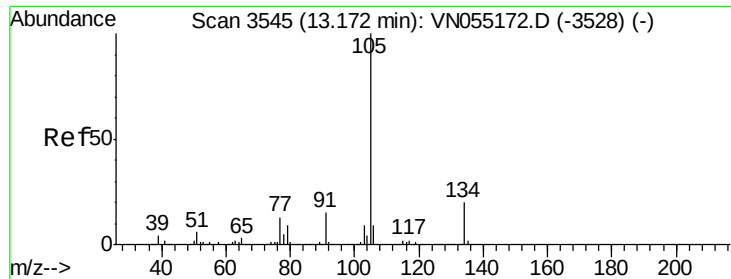
Tot Ion:119 Resp: 279634
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.8 101.3
 134 23.6 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.609 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Tgt Ion:105 Resp: 307162
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 18.817 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

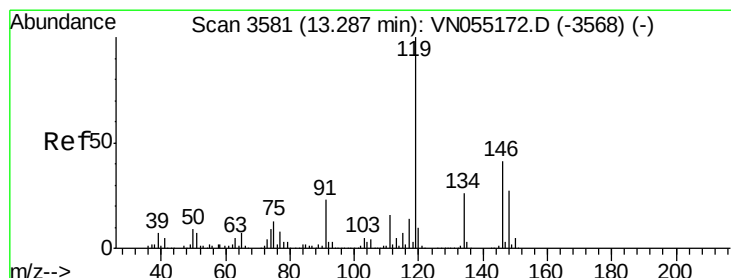
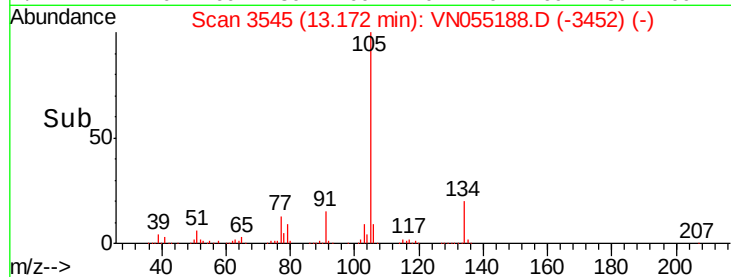
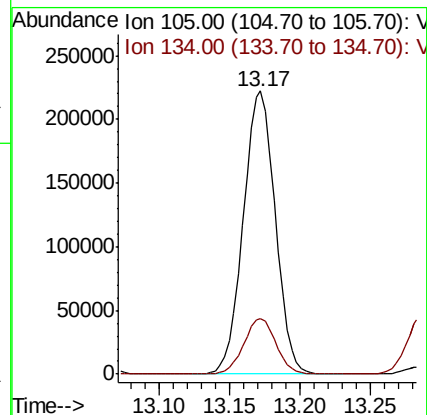
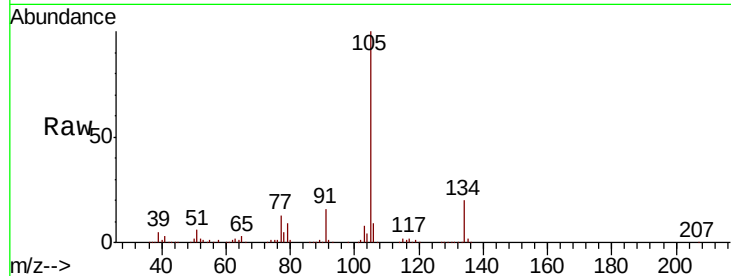
VN0422WBSD01

Tot Ion:105 Resp: 353363

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0



#86

p-Isopropyltoluene

Concen: 19.399 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

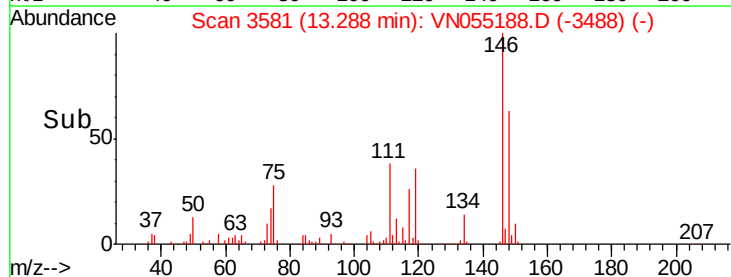
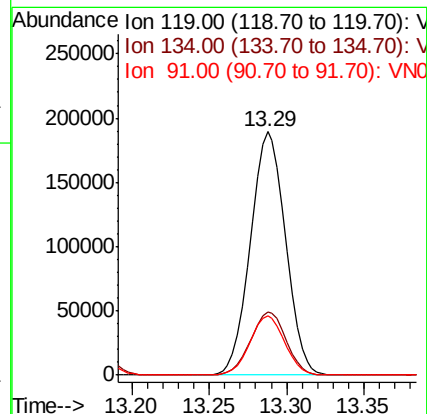
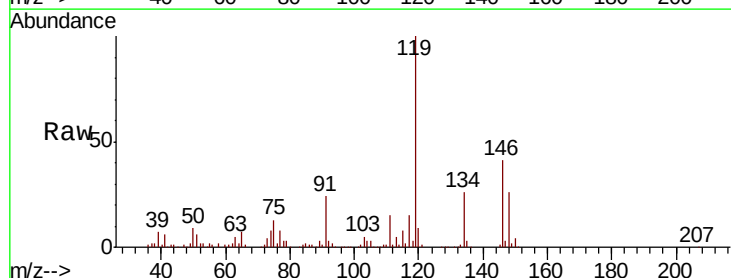
Tgt Ion:119 Resp: 300126

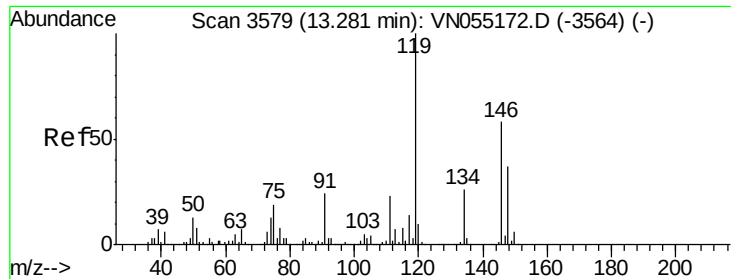
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.760 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

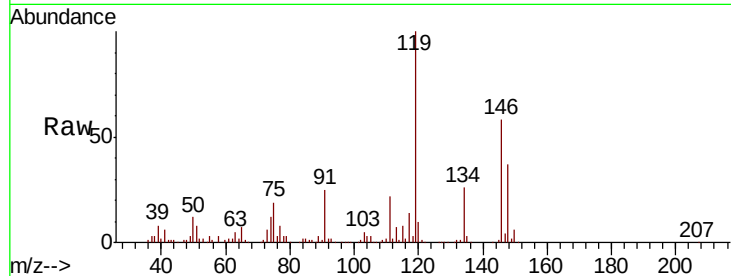
Tot Ion:146 Resp: 148487

Ion Ratio Lower Upper

146 100

111 38.6 19.7 59.1

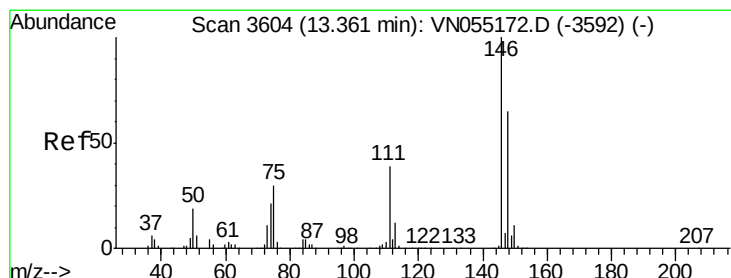
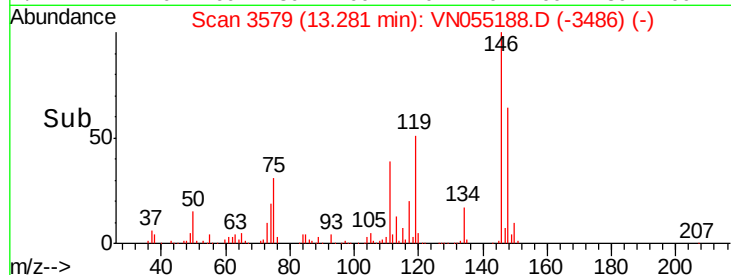
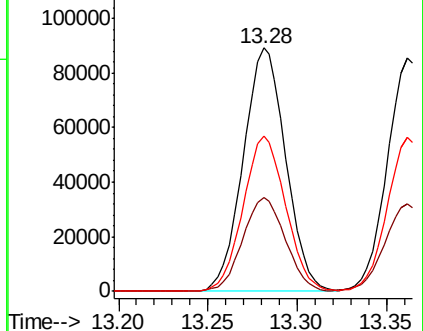
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.228 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

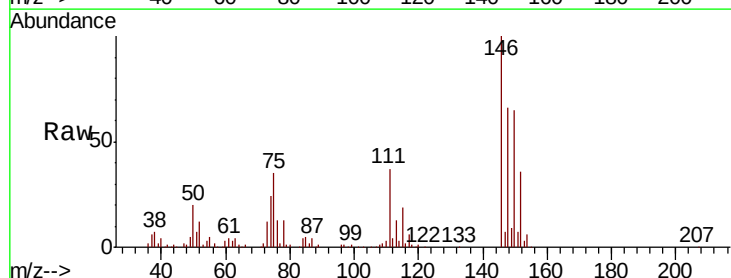
Tgt Ion:146 Resp: 140675

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

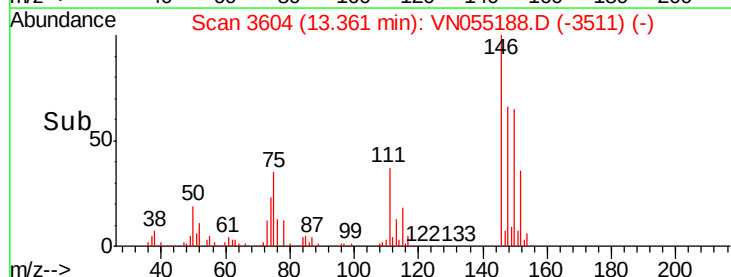
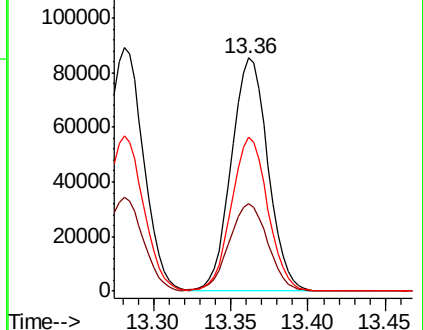
148 65.4 32.9 98.6

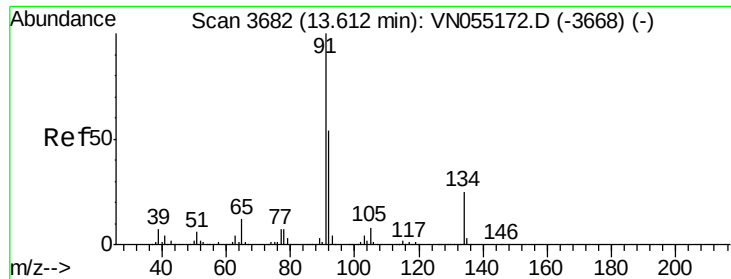


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.407 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampled :

VN0422WBSD01

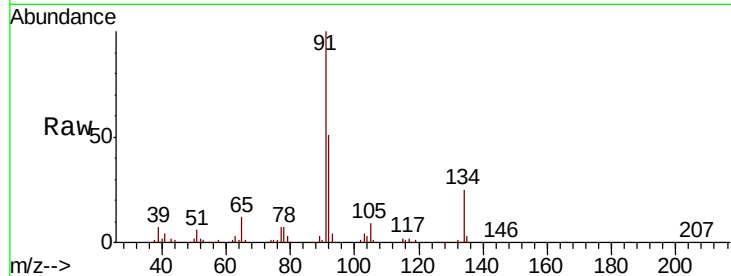
Tot Ion: 91 Resp: 211093

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.2

134 25.2 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055172.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055172.D (-3668) (-)

13.61

150000

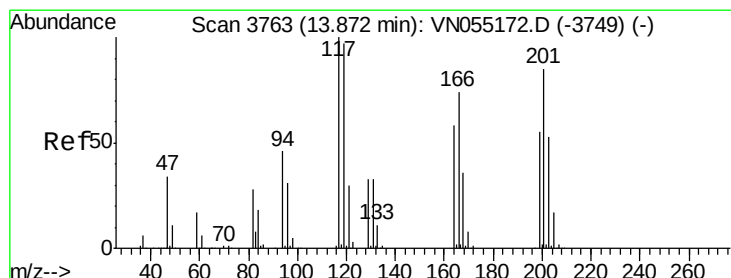
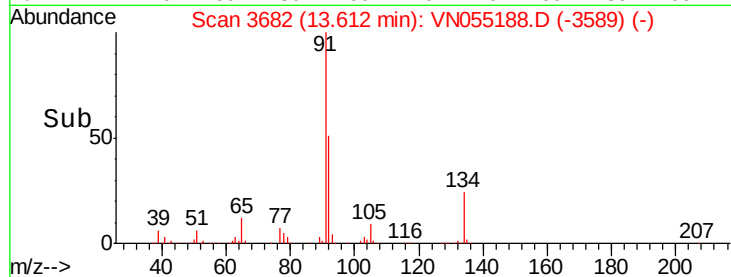
100000

50000

0

13.55 13.60 13.65

Time-->



#90

Hexachloroethane

Concen: 17.638 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055188.D

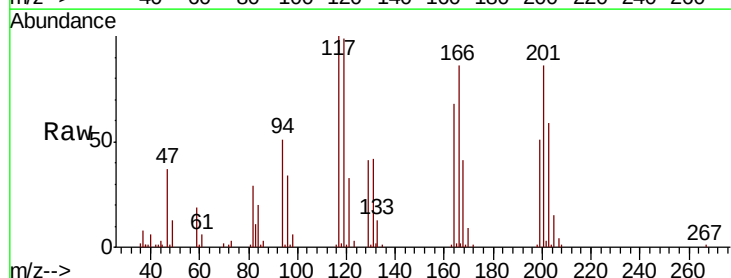
Acq: 22 Apr 2019 18:09

Tgt Ion: 117 Resp: 48397

Ion Ratio Lower Upper

117 100

201 86.9 43.1 129.4



Abundance Ion 116.80 (116.50 to 117.50): VN055172.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055172.D (-3749) (-)

13.87

30000

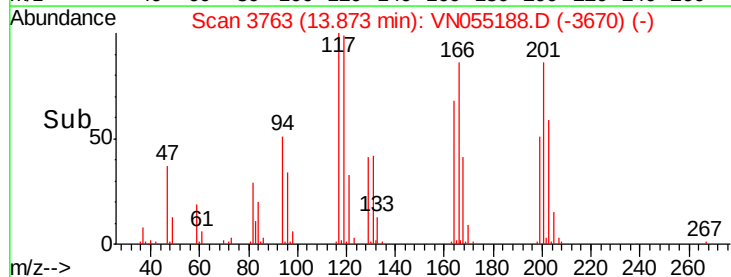
20000

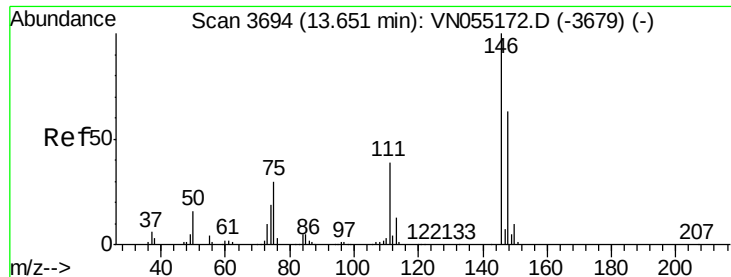
10000

0

13.80 13.85 13.90

Time-->

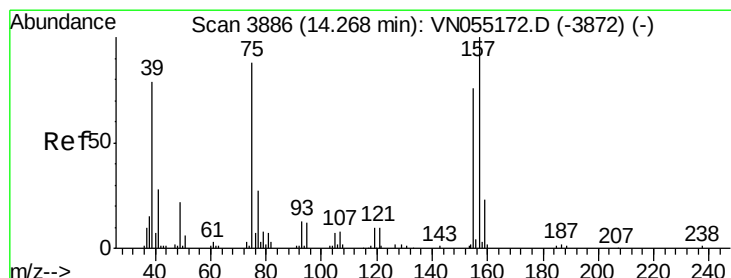
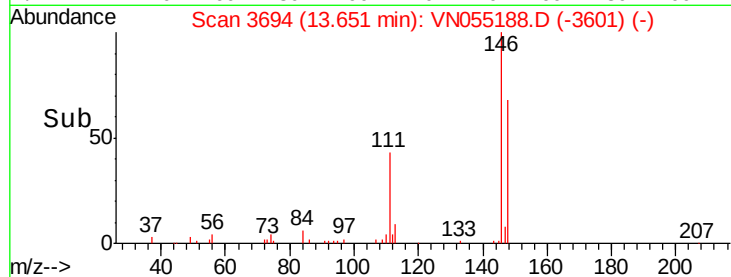
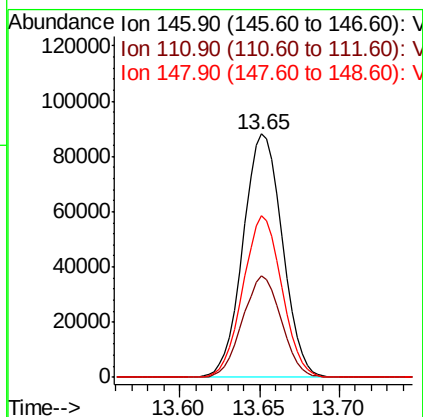
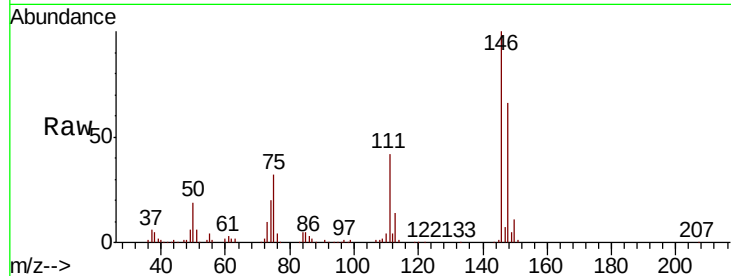




#91
 1,2-Dichlorobenzene
 Concen: 19.211 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

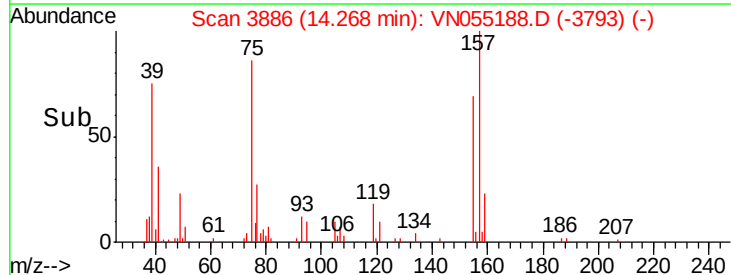
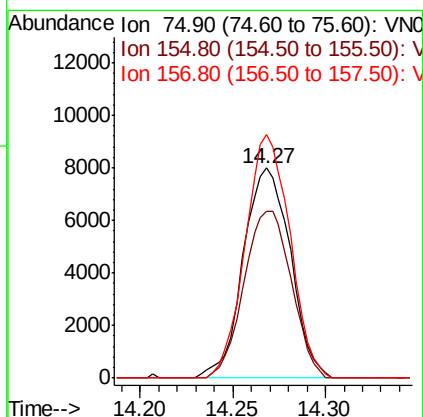
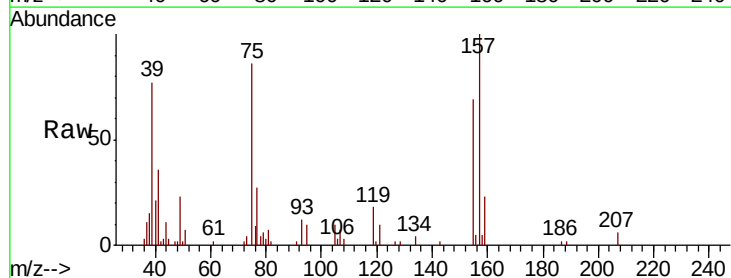
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

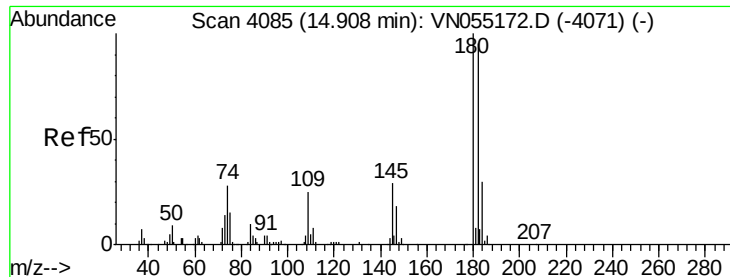
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.8	59.3
148	65.5	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.936 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	43.0	129.0
157	110.0	55.7	167.1

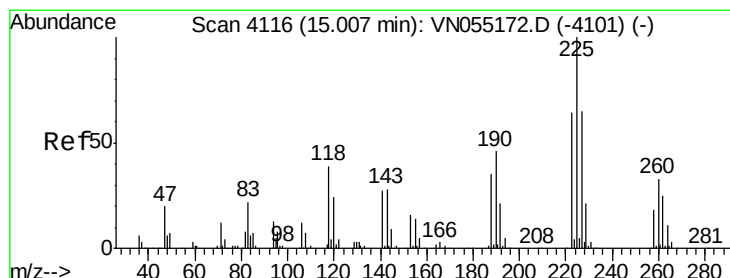
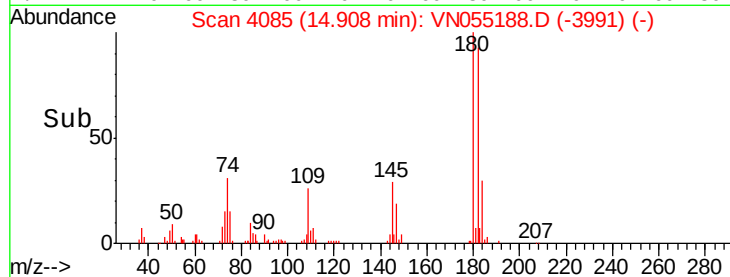
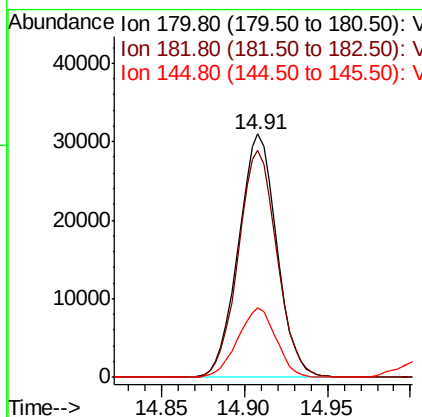
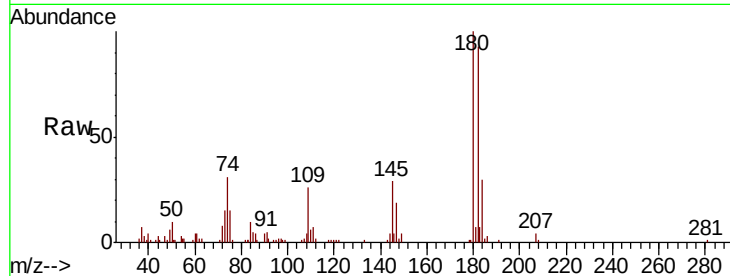




#93
 1,2,4-Trichlorobenzene
 Concen: 17.173 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

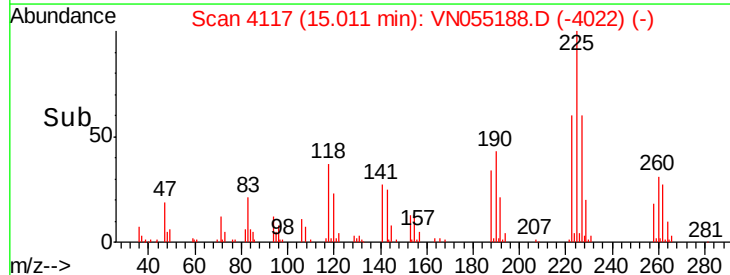
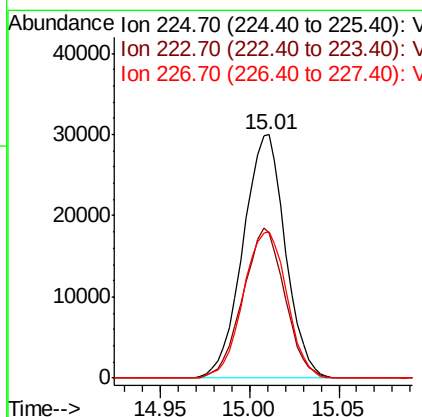
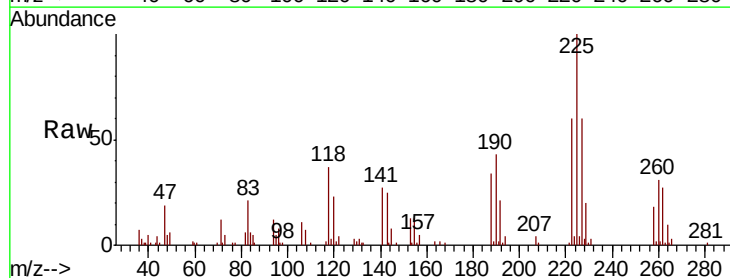
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

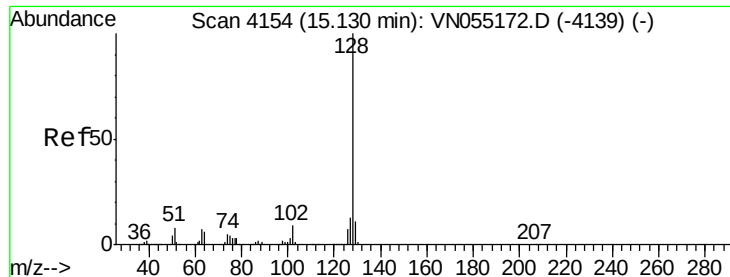
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.4
145	28.4	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 20.807 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055188.D
 Acq: 22 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	32.2	96.6
227	61.8	32.6	98.0





#95

Naphthalene

Concen: 17.736 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBSD01

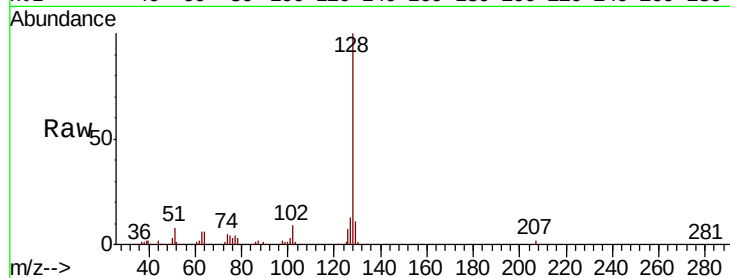
Tot Ion:128 Resp: 109695

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

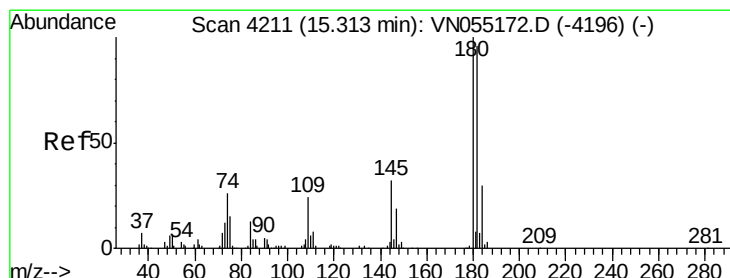
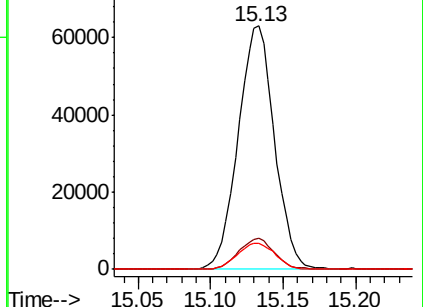
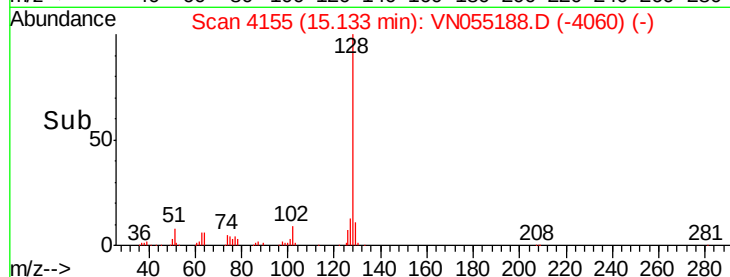
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.328 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055188.D

Acq: 22 Apr 2019 18:09

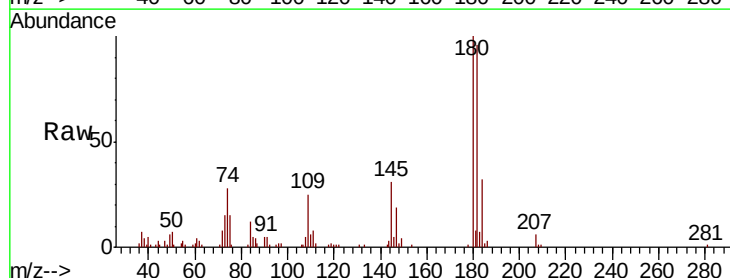
Tgt Ion:180 Resp: 54808

Ion Ratio Lower Upper

180 100

182 92.2 47.2 141.6

145 29.8 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

