

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056037.D
 Acq On : 6 Jun 2019 11:34
 Operator : JC/SP
 Sample : VN0607WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

Quant Time: Jun 06 17:53:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	460212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	405605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162440	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	158893	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.59	113	145195	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.09	98	553545	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	179200	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	68708	20.246	ug/l 97
3) Chloromethane	2.06	50	73603	21.750	ug/l 97
4) Vinyl Chloride	2.18	62	74216	21.863	ug/l 100
5) Bromomethane	2.54	94	48298	22.524	ug/l 97
6) Chloroethane	2.69	64	42824	21.759	ug/l 97
7) Trichlorofluoromethane	3.01	101	88880	20.510	ug/l 96
8) Diethyl Ether	3.40	74	37016	20.771	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	55347	21.025	ug/l 99
10) Methyl Iodide	3.94	142	82377	19.692	ug/l 98
11) Tert butyl alcohol	4.81	59	56009	103.832	ug/l 98
12) 1,1-Dichloroethene	3.72	96	55014	20.992	ug/l 96
13) Acrolein	3.60	56	11945	76.781	ug/l 96
14) Allyl chloride	4.31	41	85699	20.709	ug/l 98
15) Acrylonitrile	4.99	53	152489	116.129	ug/l 99
16) Acetone	3.82	43	147974	99.814	ug/l 99
17) Carbon Disulfide	4.04	76	115954	18.479	ug/l 100
18) Methyl Acetate	4.33	43	69107	23.424	ug/l 100
19) Methyl tert-butyl Ether	5.05	73	178148	21.326	ug/l 100
20) Methylene Chloride	4.54	84	64208	21.022	ug/l 99
21) trans-1,2-Dichloroethene	5.03	96	58369	20.787	ug/l 97
22) Diisopropyl ether	5.96	45	181494	21.216	ug/l 98
23) Vinyl Acetate	5.90	43	730527	108.441	ug/l 99
24) 1,1-Dichloroethane	5.84	63	104555	21.189	ug/l 99
25) 2-Butanone	6.84	43	211553	112.943	ug/l 100
26) 2,2-Dichloropropane	6.82	77	73884	19.188	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	68930	20.883	ug/l 98
28) Bromochloromethane	7.19	49	51749	22.176	ug/l 99
29) Tetrahydrofuran	7.22	42	134512	116.176	ug/l 100
30) Chloroform	7.37	83	105468	21.247	ug/l 96
31) Cyclohexane	7.65	56	100261	20.384	ug/l 94
32) 1,1,1-Trichloroethane	7.57	97	85534	20.634	ug/l 99
36) 1,1-Dichloropropene	7.79	75	77556	19.599	ug/l 99
37) Ethyl Acetate	6.93	43	80945	22.990	ug/l 100
38) Carbon Tetrachloride	7.77	117	69835	19.142	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	95703	19.414	ug/l	99
40) Benzene	8.04	78	250678	20.857	ug/l	99
41) Methacrylonitrile	7.17	41	33201	20.495	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	79989	20.690	ug/l	100
43) Isopropyl Acetate	8.17	43	121578	21.309	ug/l #	92
44) Trichloroethene	8.83	130	69519	20.129	ug/l	99
45) 1,2-Dichloropropane	9.12	63	64148	20.837	ug/l	99
46) Dibromomethane	9.21	93	42213	20.969	ug/l	99
47) Bromodichloromethane	9.40	83	73760	20.216	ug/l	100
48) Methyl methacrylate	9.20	41	58614	20.999	ug/l	98
49) 1,4-Dioxane	9.21	88	26842	445.427	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	390451	109.432	ug/l	99
52) Toluene	10.15	92	156483	20.923	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	72214	18.470	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	89066	20.308	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	62622	21.138	ug/l	98
56) Ethyl methacrylate	10.43	69	90547	20.950	ug/l	99
57) 1,3-Dichloropropane	10.71	76	103761	21.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	153035	98.868	ug/l	99
59) 2-Hexanone	10.75	43	278160	107.564	ug/l	99
60) Dibromochloromethane	10.90	129	56677	18.948	ug/l	100
61) 1,2-Dibromoethane	11.00	107	64456	21.283	ug/l	98
64) Tetrachloroethene	10.63	164	70577	20.102	ug/l	99
65) Chlorobenzene	11.43	112	165686	20.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	57150	20.504	ug/l	99
67) Ethyl Benzene	11.51	91	289632	20.634	ug/l	99
68) m/p-Xylenes	11.62	106	218443	40.738	ug/l	100
69) o-Xylene	11.95	106	110853	21.017	ug/l	97
70) Styrene	11.96	104	174266	20.794	ug/l	99
71) Bromoform	12.13	173	38569	18.320	ug/l #	100
73) Isopropylbenzene	12.25	105	287662	23.564	ug/l	100
74) N-amyl acetate	12.07	43	95920	22.152	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	86911	23.048	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	98023	32.795	ug/l #	100
77) Bromobenzene	12.53	156	74840	21.519	ug/l	98
78) n-propylbenzene	12.59	91	293767	21.377	ug/l	100
79) 2-Chlorotoluene	12.67	91	184453	22.942	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	232680	21.304	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	17902	19.946	ug/l #	83
82) 4-Chlorotoluene	12.77	91	171474	21.328	ug/l	100
83) tert-Butylbenzene	12.99	119	207231	22.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	223073	21.538	ug/l	98
85) sec-Butylbenzene	13.17	105	263256	21.631	ug/l	100
86) p-Isopropyltoluene	13.29	119	231723	21.275	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	113546	21.095	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	105291	20.335	ug/l	98
89) n-Butylbenzene	13.61	91	163732	20.293	ug/l	99
90) Hexachloroethane	13.87	117	32136	19.564	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	116870	21.506	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12178	22.579	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

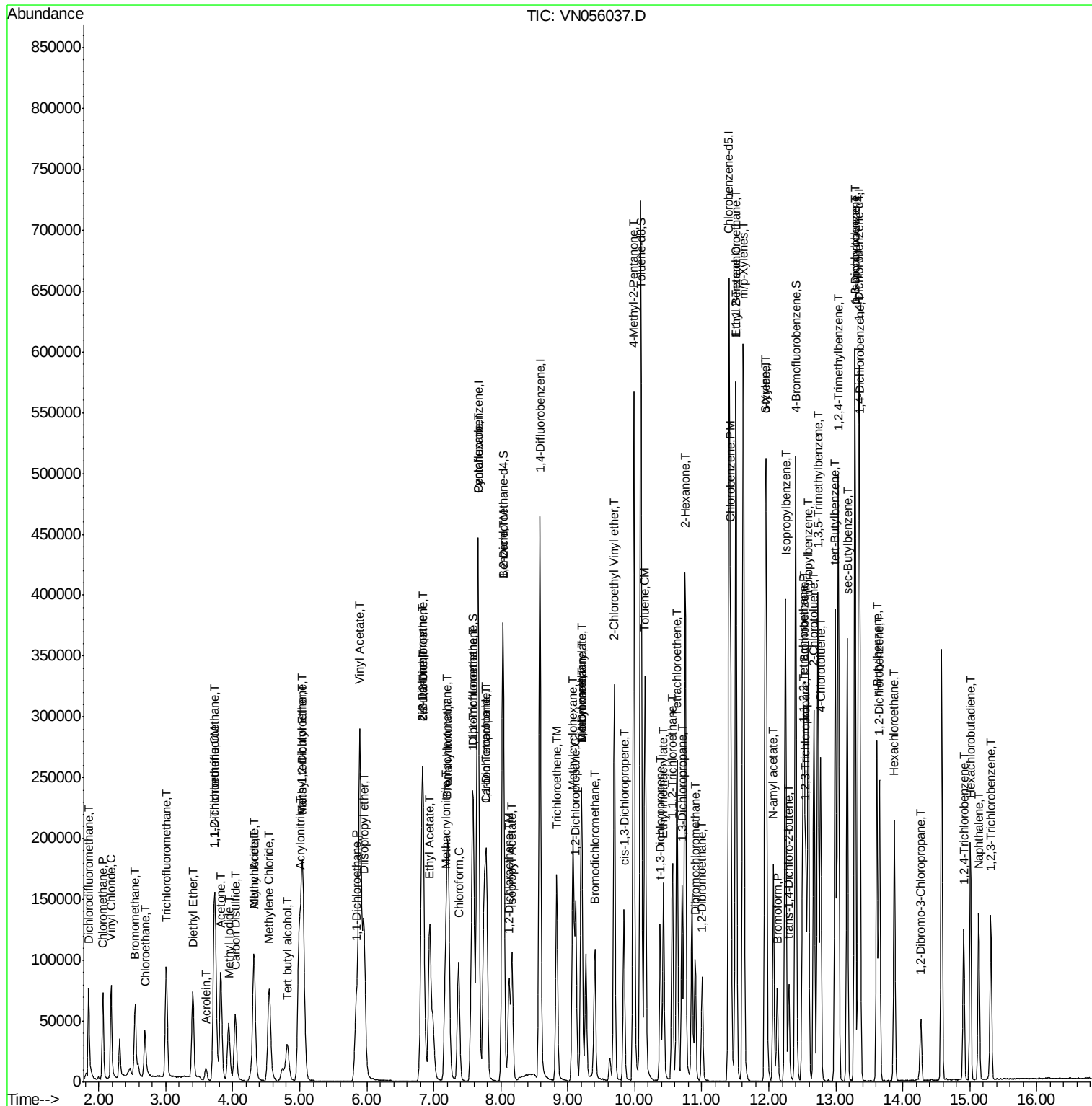
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45238	18.086	ug/l	98
94) Hexachlorobutadiene	15.01	225	42141	21.417	ug/l	98
95) Naphthalene	15.13	128	124521	18.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	51909	19.009	ug/l	99

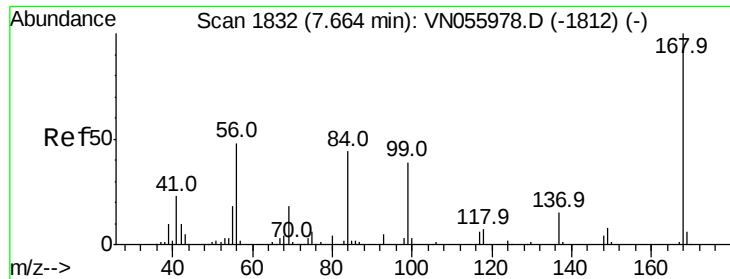
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

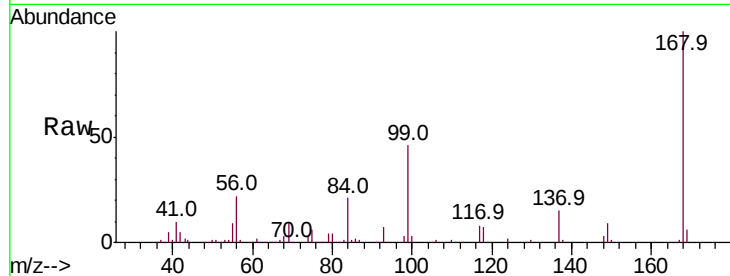
Instrument :
MSVOA_N
ClientSampled :
VN0607WBS01

Tot Ion:168 Resp: 312183

Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

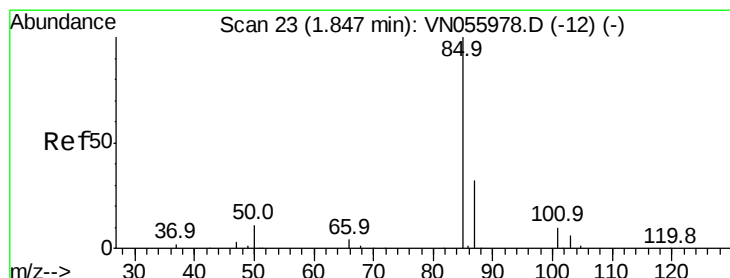
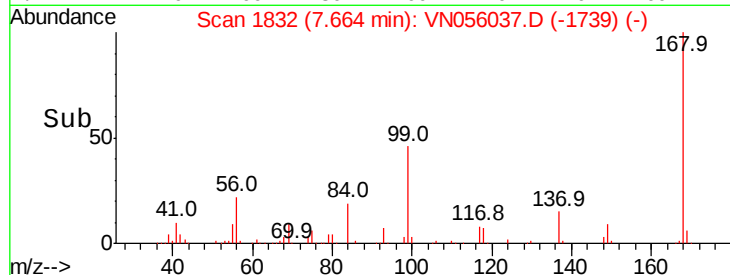
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.246 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056037.D

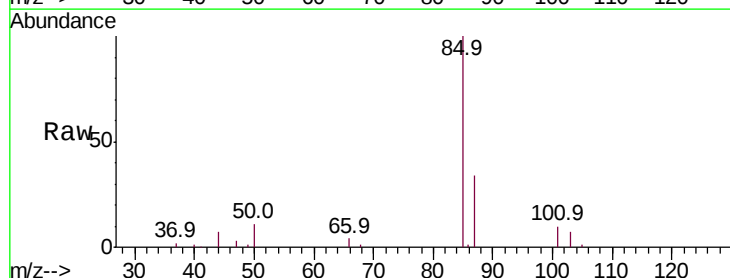
Acq: 6 Jun 2019 11:34

Tgt Ion: 85 Resp: 68708

Ion Ratio Lower Upper

85 100

87 33.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

50000

40000

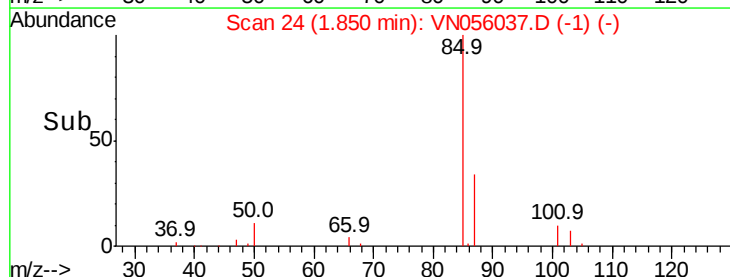
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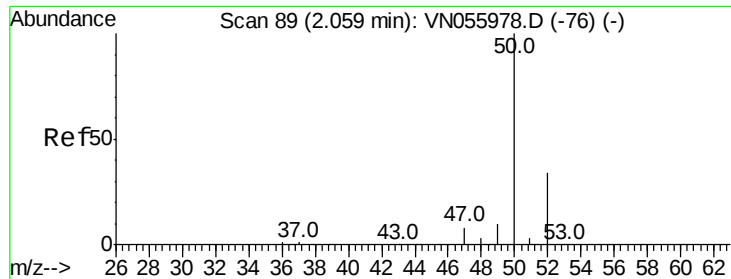
20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.750 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

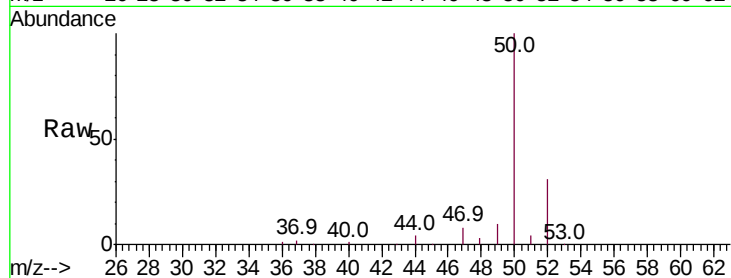
VN0607WBS01

Tot Ion: 50 Resp: 73603

Ion Ratio Lower Upper

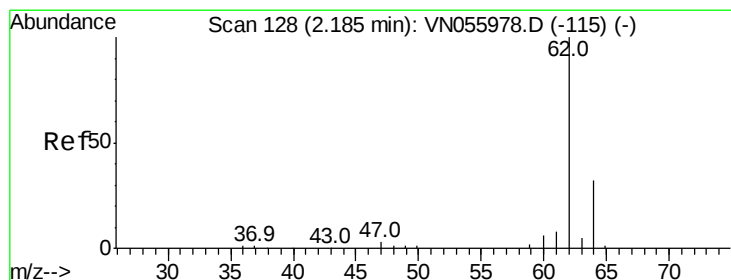
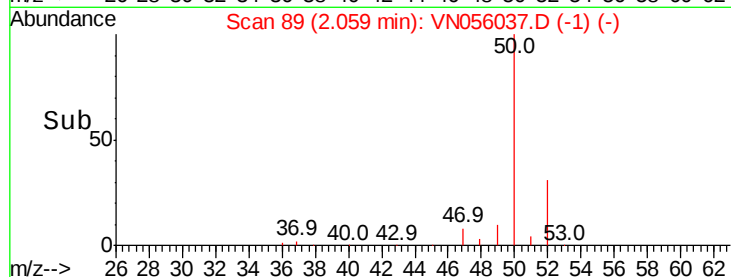
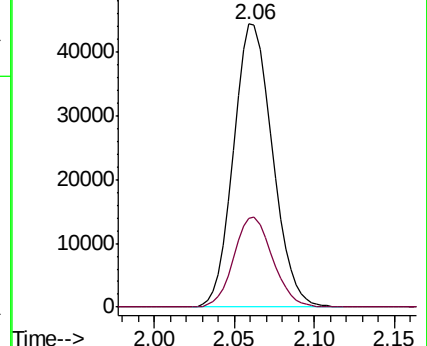
50 100

52 31.4 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 21.863 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056037.D

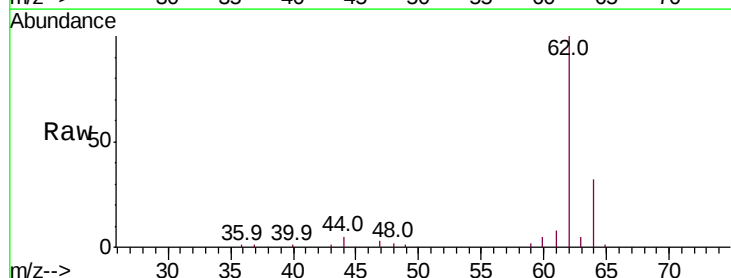
Acq: 6 Jun 2019 11:34

Tgt Ion: 62 Resp: 74216

Ion Ratio Lower Upper

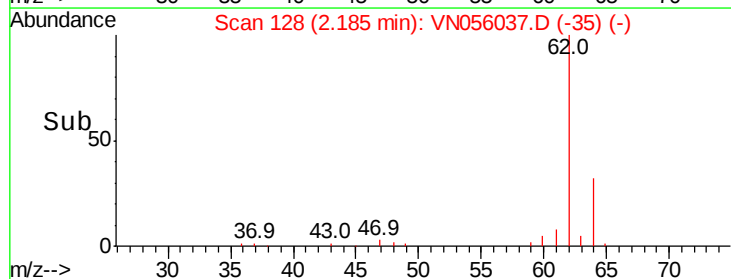
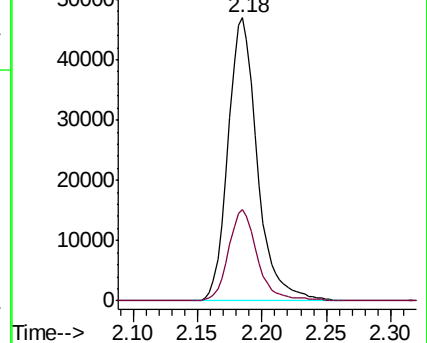
62 100

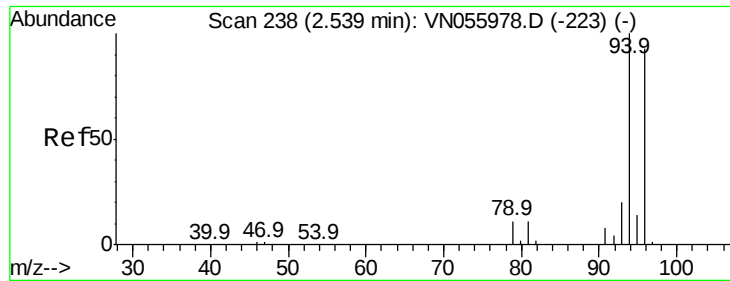
64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

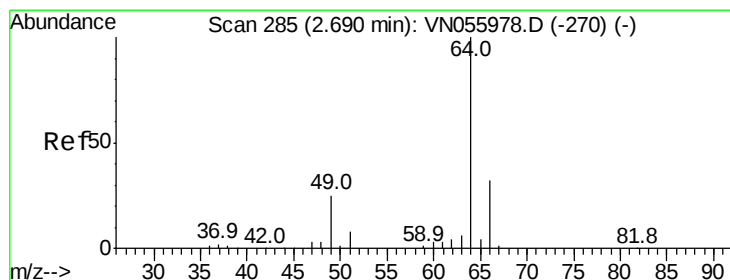
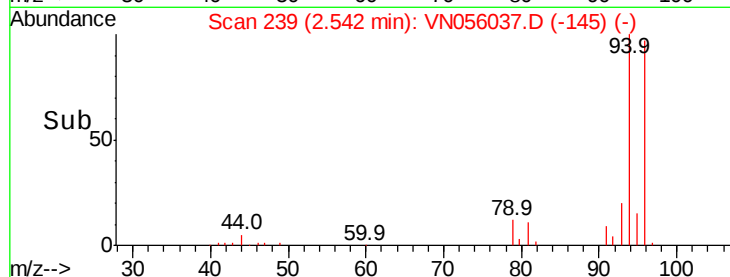
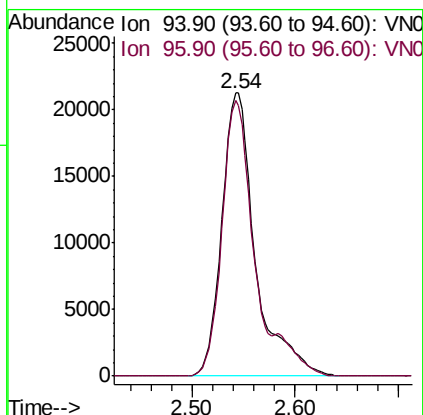
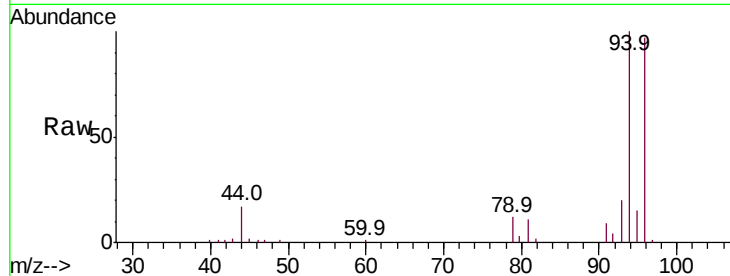




#5
Bromomethane
Concen: 22.524 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

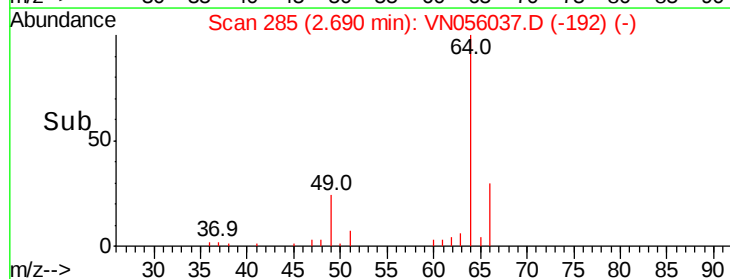
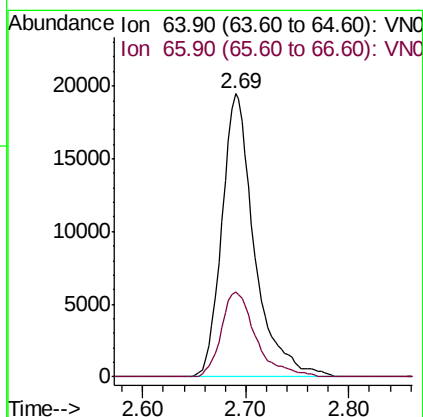
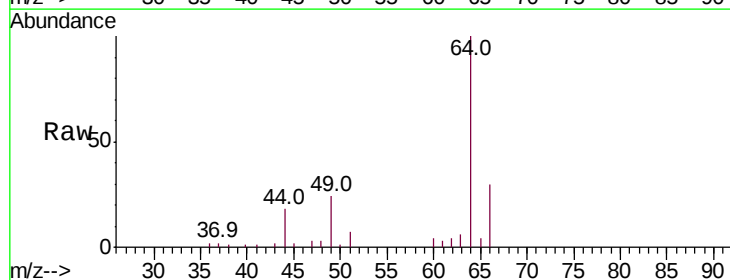
Instrument :
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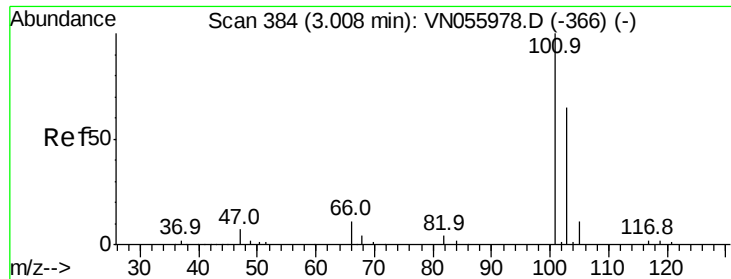
Tot Ion: 94 Resp: 48298
Ion Ratio Lower Upper
94 100
96 97.2 75.5 113.3



#6
Chloroethane
Concen: 21.759 ug/l
RT: 2.69 min Scan# 285
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 64 Resp: 42824
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.0



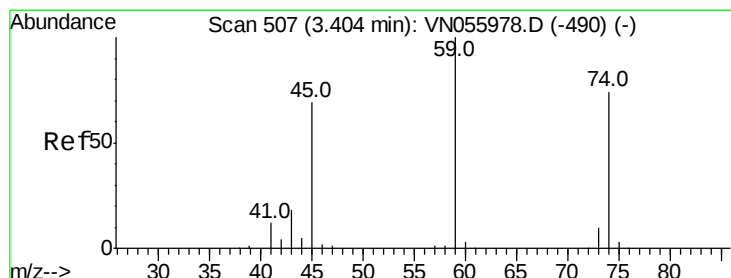
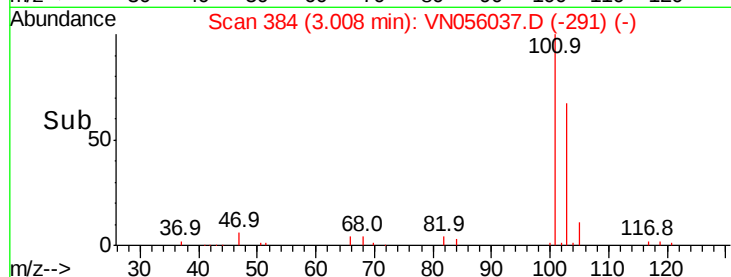
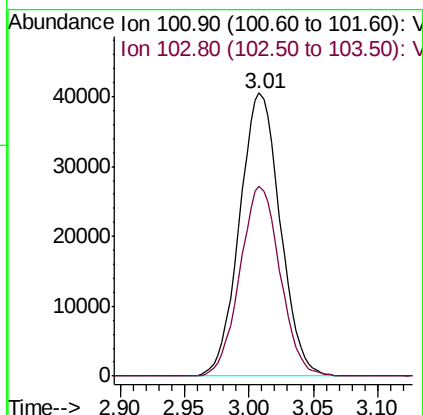
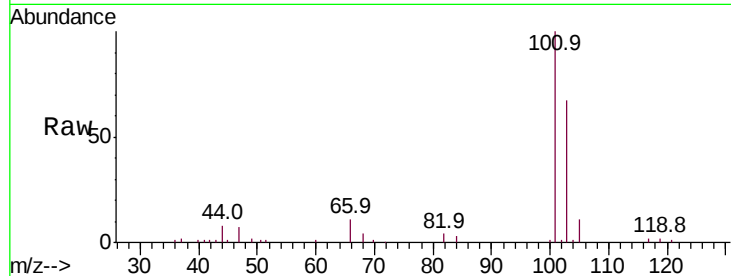


#7

Trichlorofluoromethane
 Concen: 20.510 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

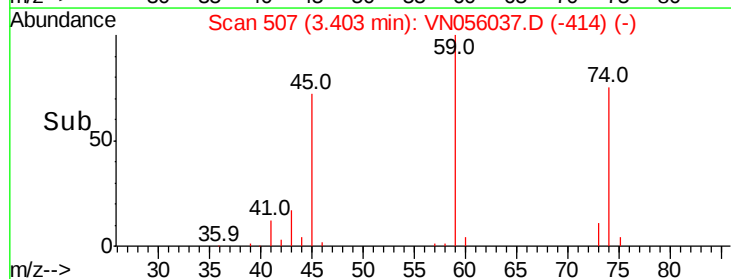
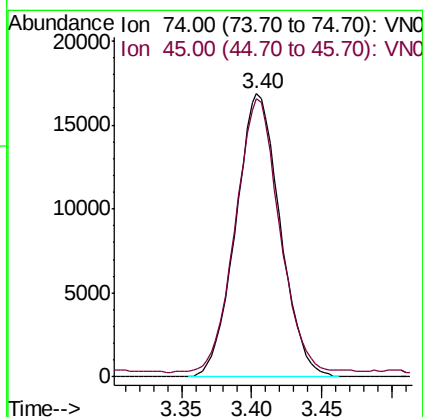
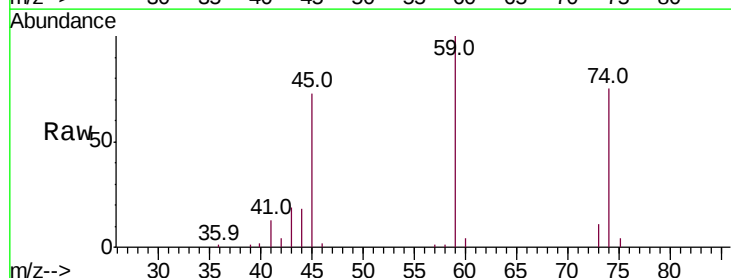
Tot Ion:101 Resp: 88880
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.2 76.8

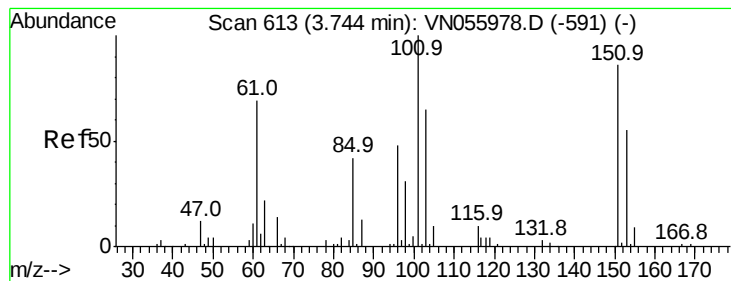


#8

Diethyl Ether
 Concen: 20.771 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Tgt Ion: 74 Resp: 37016
 Ion Ratio Lower Upper
 74 100
 45 95.2 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.025 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

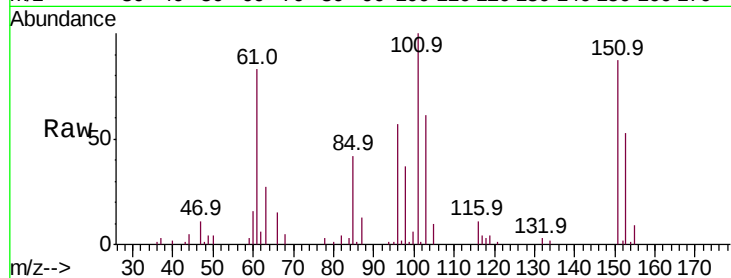
Tot Ion:101 Resp: 55347

Ion Ratio Lower Upper

101 100

85 41.2 33.4 50.2

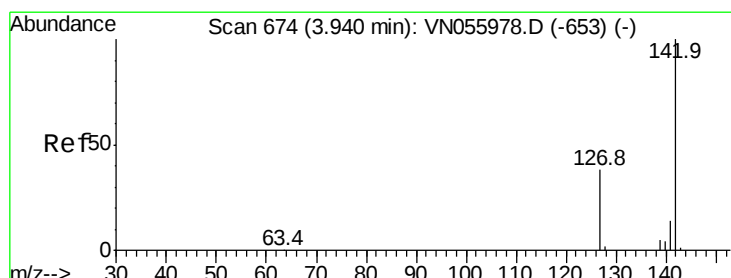
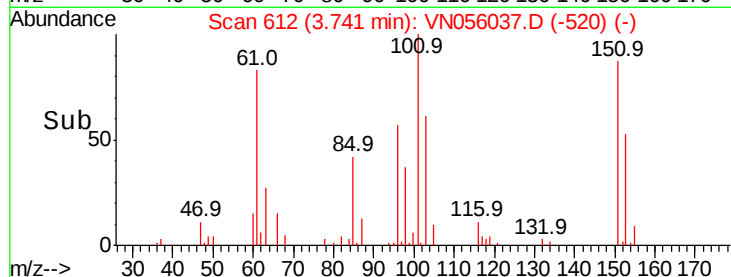
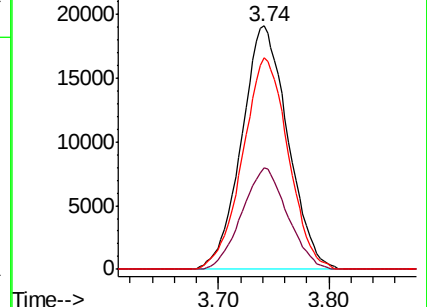
151 85.7 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.692 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

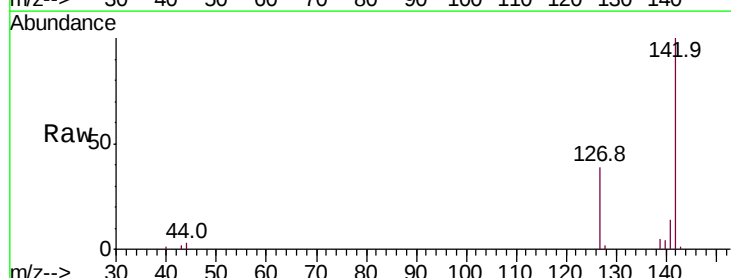
Tgt Ion:142 Resp: 82377

Ion Ratio Lower Upper

142 100

127 37.4 31.0 46.4

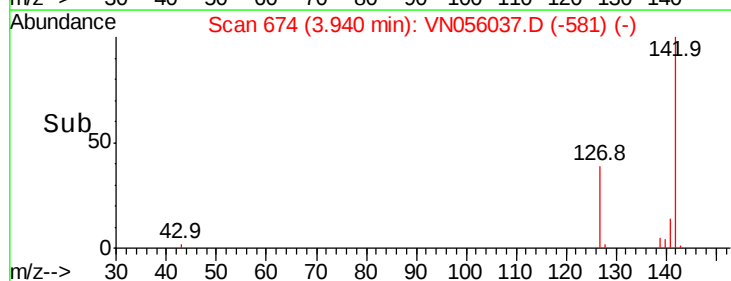
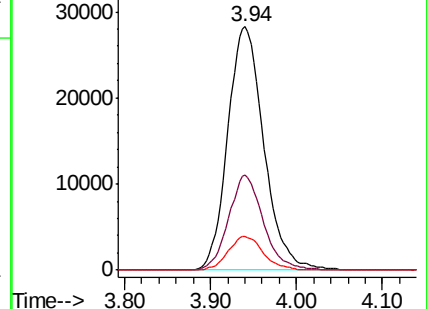
141 13.4 11.4 17.0

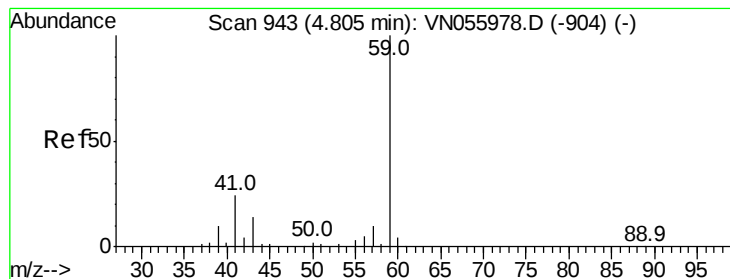


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



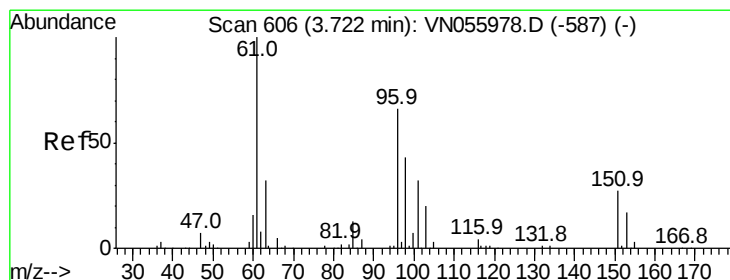
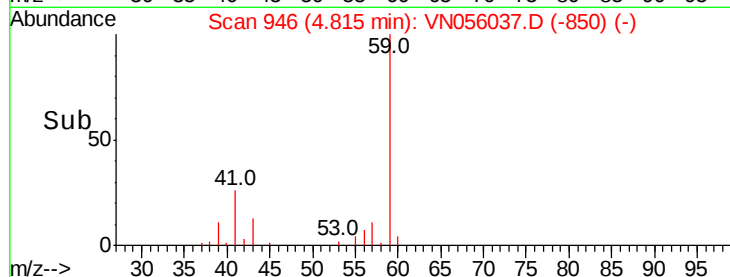
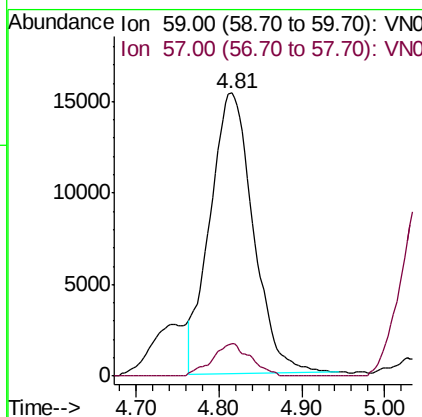
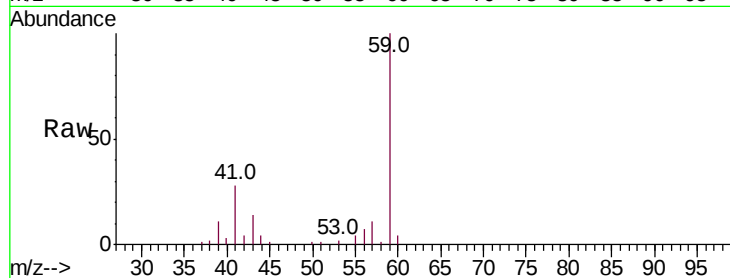


#11

Tert butyl alcohol
 Concen: 103.832 ug/l
 RT: 4.81 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

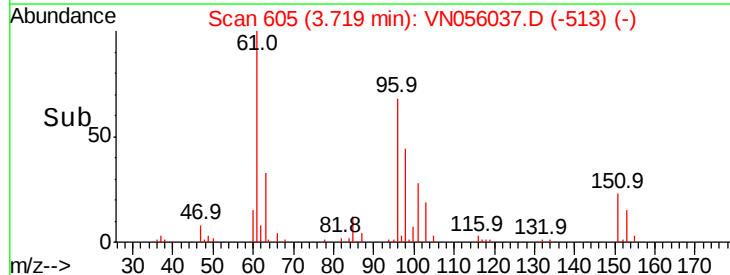
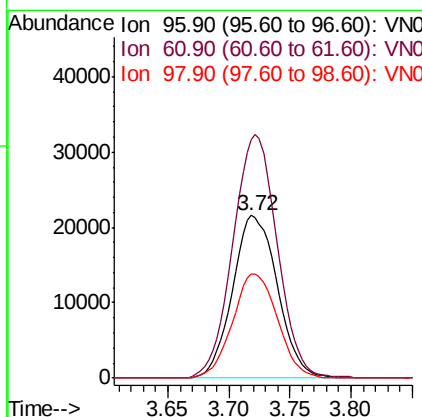
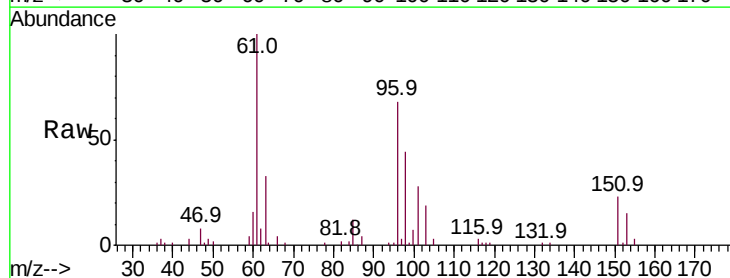
Tot Ion: 59 Resp: 56009
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

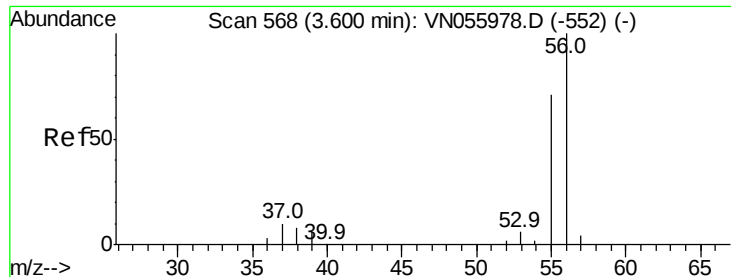


#12

1,1-Dichloroethene
 Concen: 20.992 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Tgt Ion: 96 Resp: 55014
 Ion Ratio Lower Upper
 96 100
 61 146.9 123.2 184.8
 98 64.0 50.4 75.6





#13

Acrolein

Concen: 76.781 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

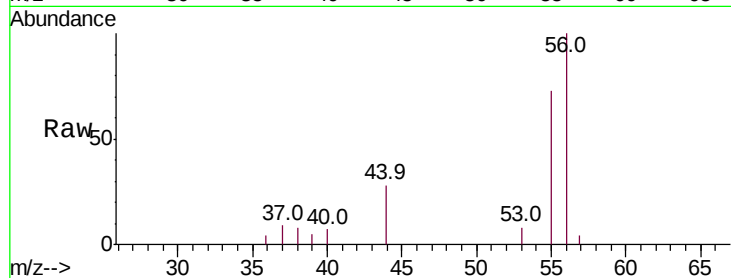
VN0607WBS01

Tot Ion: 56 Resp: 11945

Ion Ratio Lower Upper

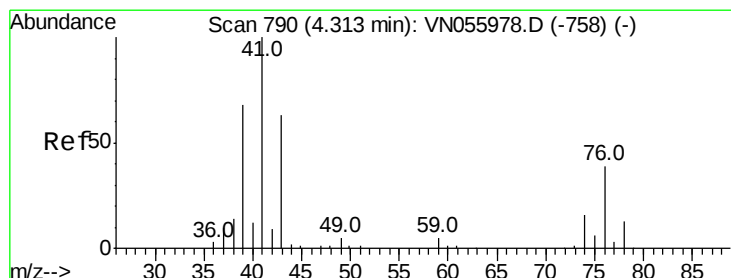
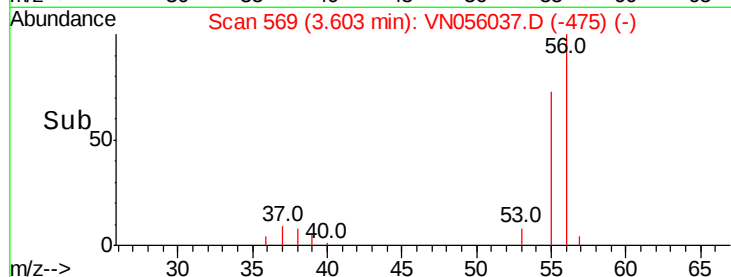
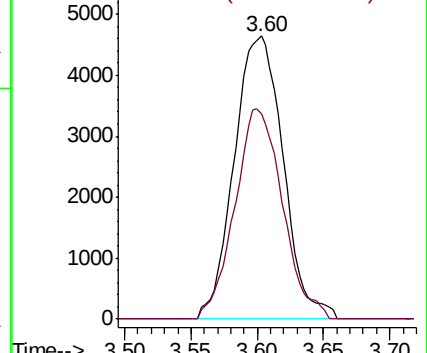
56 100

55 72.3 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 20.709 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

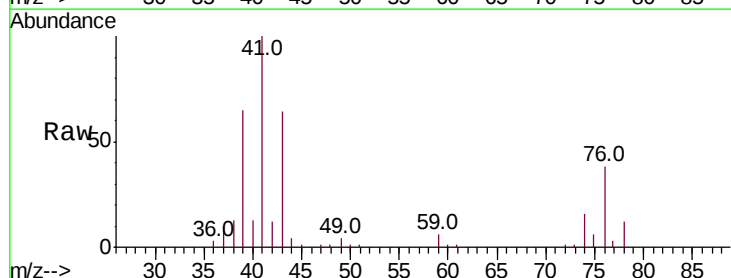
Tgt Ion: 41 Resp: 85699

Ion Ratio Lower Upper

41 100

39 61.1 50.0 75.0

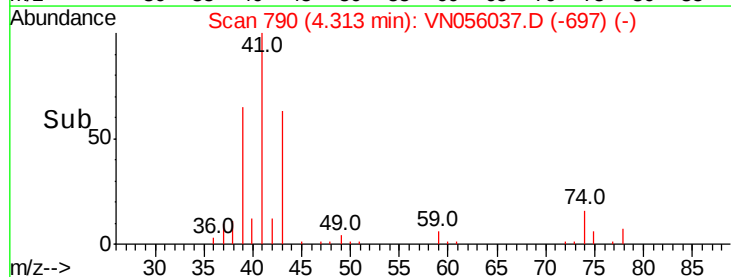
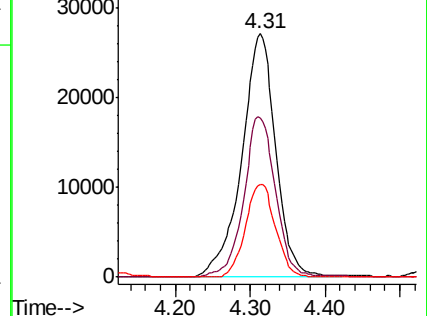
76 33.4 28.2 42.2

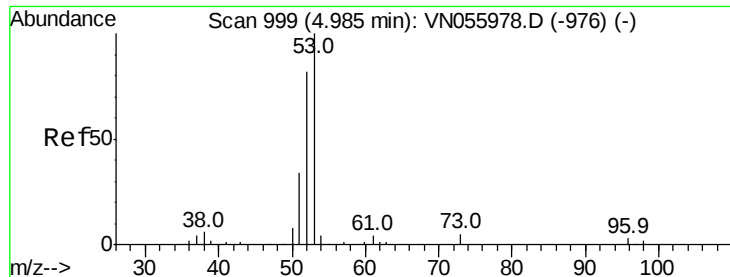


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 116.129 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

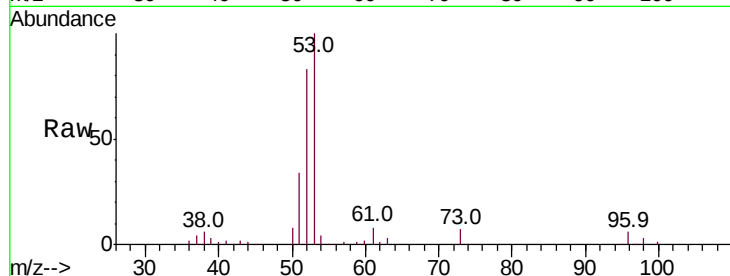
MSVOA_N

ClientSampleId :

VN0607WBS01

Tot Ion: 53 Resp: 152489

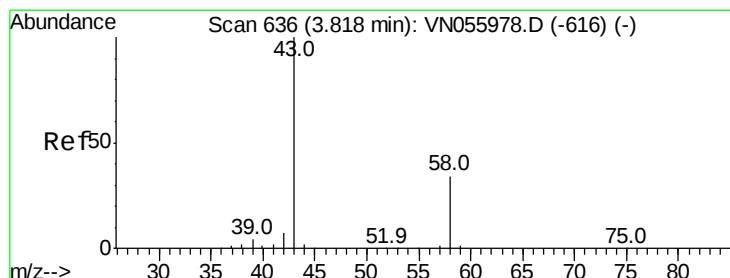
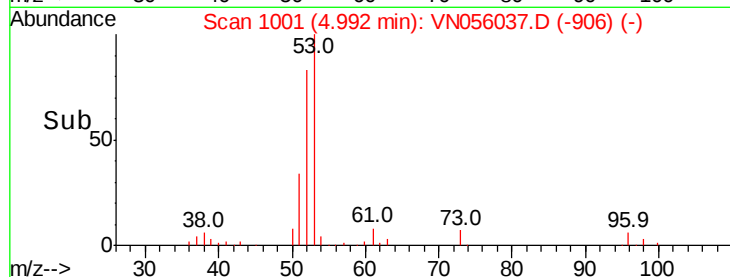
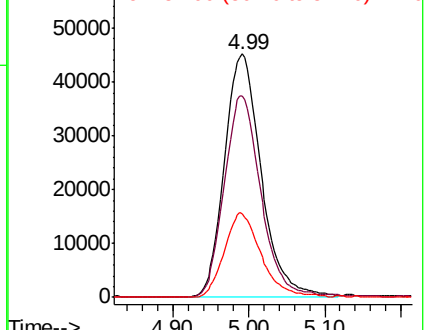
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.8
51	34.5	28.2	42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 99.814 ug/l

RT: 3.82 min Scan# 637

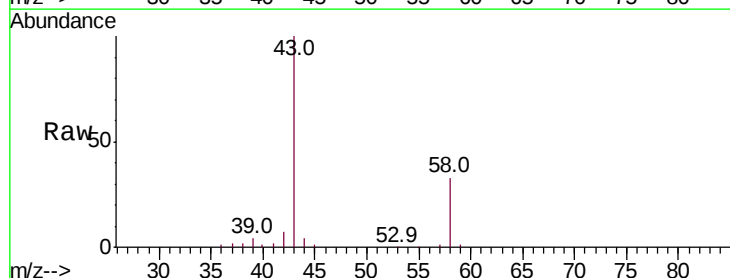
Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

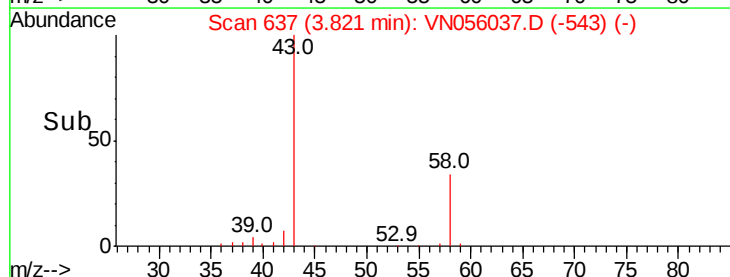
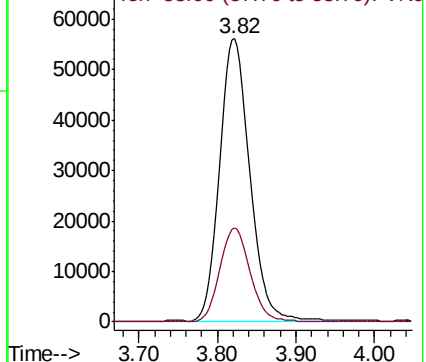
Tgt Ion: 43 Resp: 147974

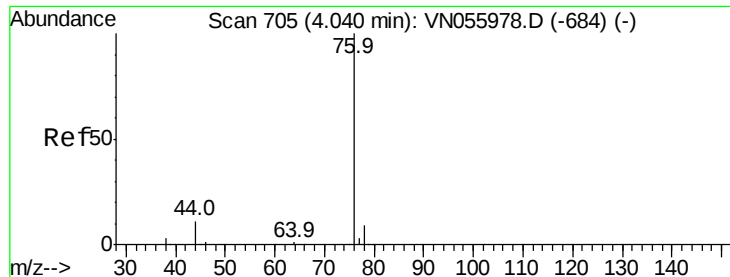
Ion	Ratio	Lower	Upper
43	100		
58	33.5	26.6	39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

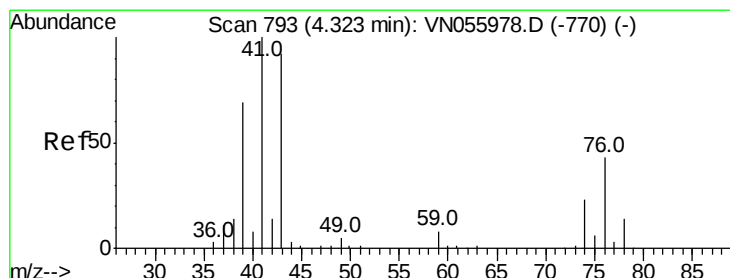
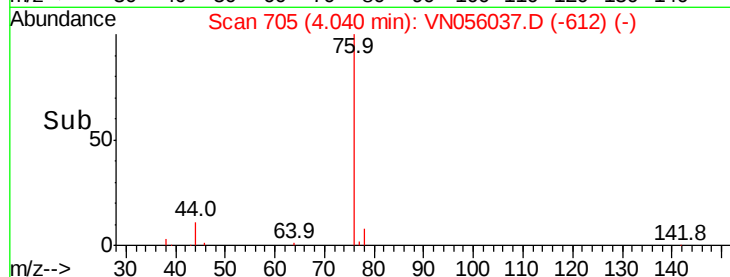
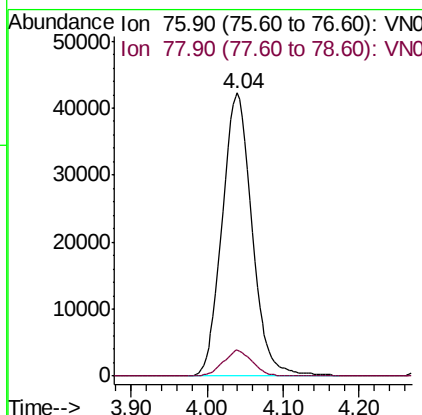
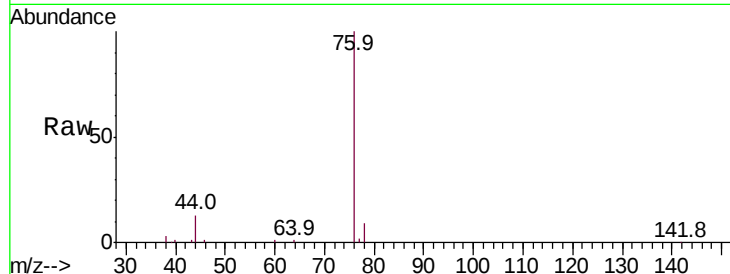




#17
Carbon Disulfide
Concen: 18.479 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

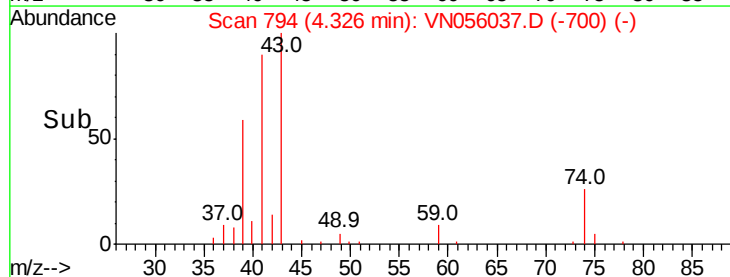
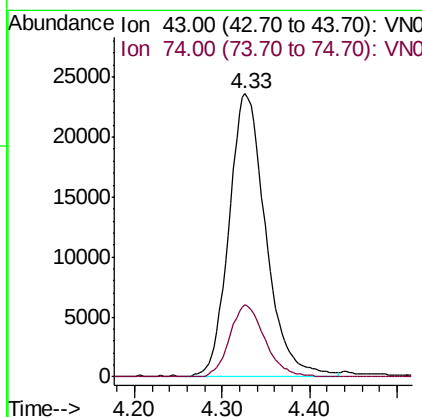
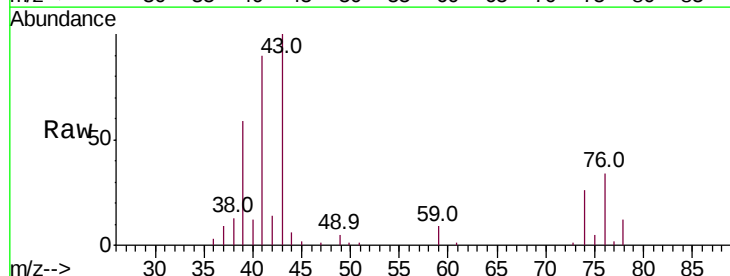
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBS01

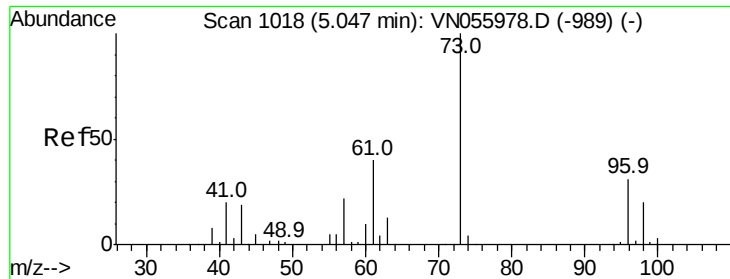
Tot Ion: 76 Resp: 115954
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 23.424 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 43 Resp: 69107
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9

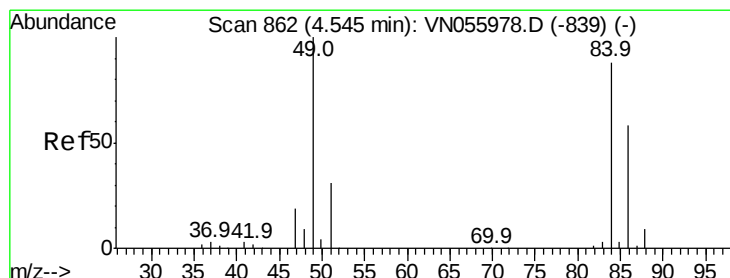
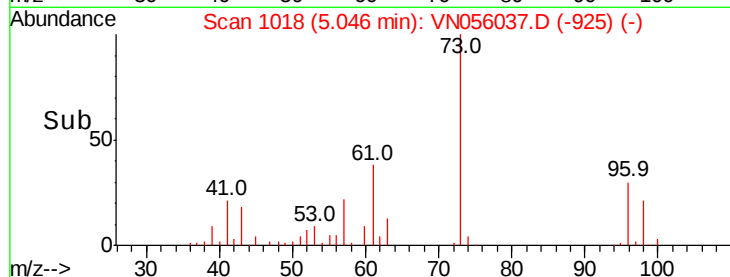
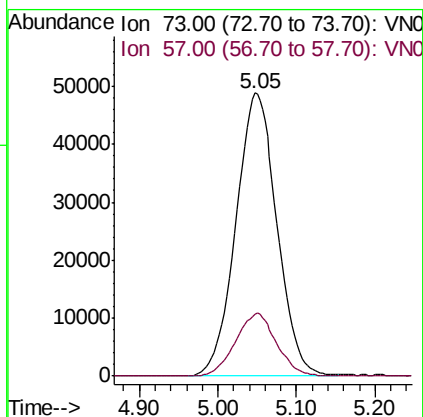
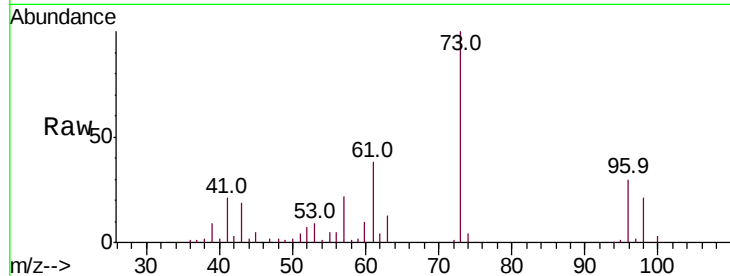




#19
Methvl tert-butvl Ether
Concen: 21.326 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

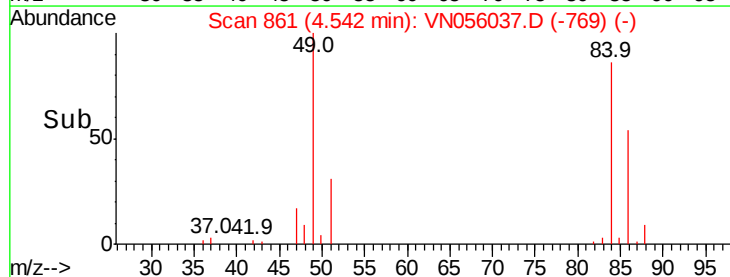
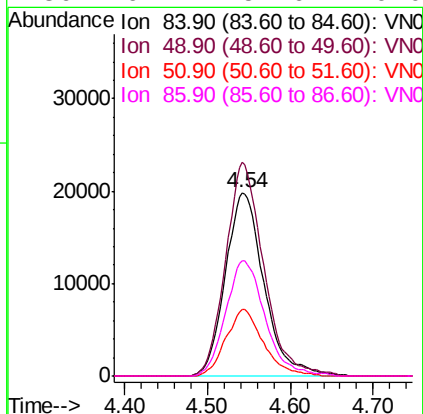
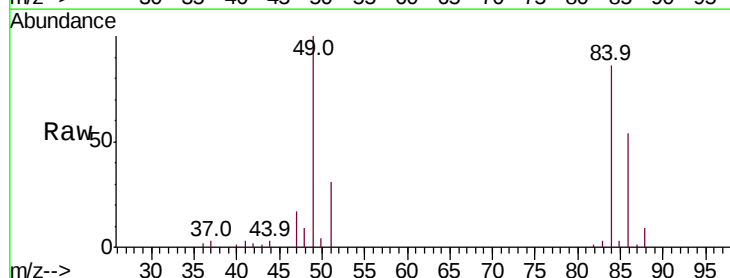
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBS01

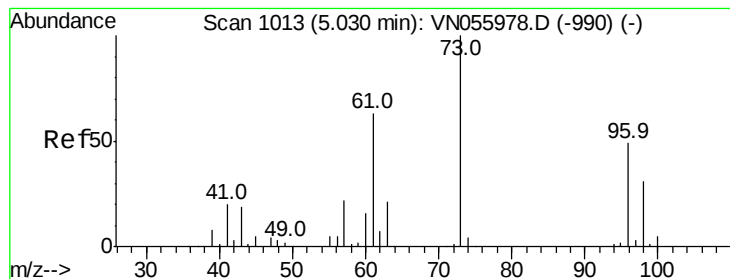
Tot Ion: 73 Resp: 178148
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 21.022 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 84 Resp: 64208
Ion Ratio Lower Upper
84 100
49 116.6 93.5 140.3
51 36.1 28.6 43.0
86 62.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.787 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

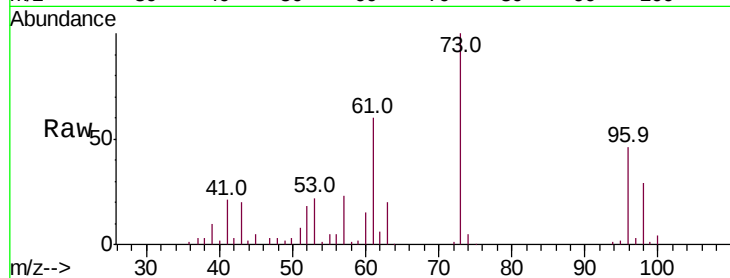
Tot Ion: 96 Resp: 58369

Ion Ratio Lower Upper

96 100

61 130.8 107.8 161.8

98 63.9 49.8 74.8

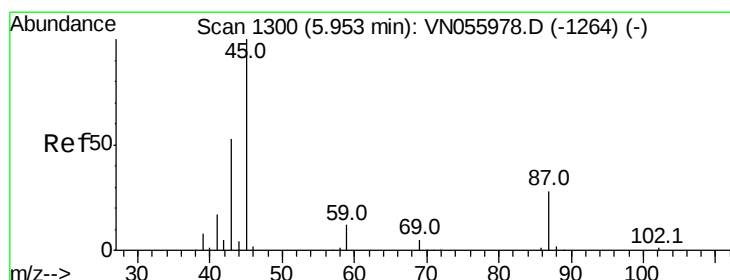
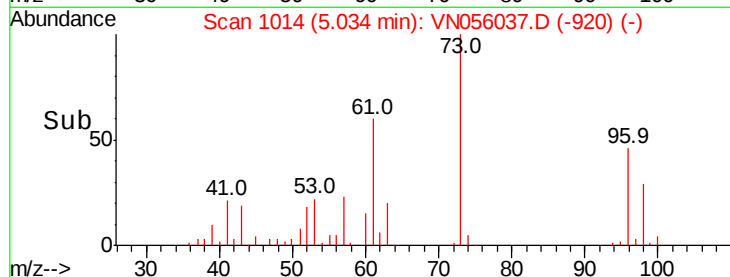
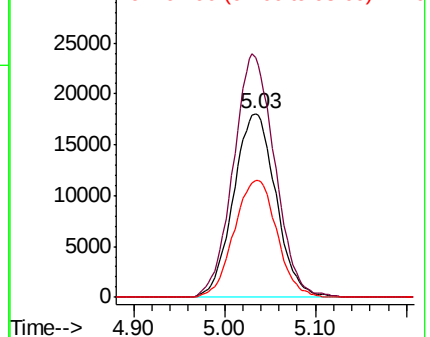


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.216 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Tgt Ion: 45 Resp: 181494

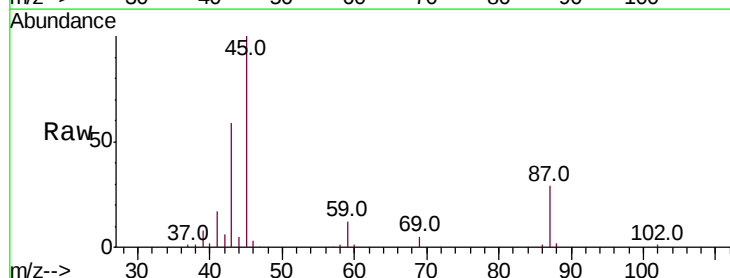
Ion Ratio Lower Upper

45 100

43 57.6 45.0 67.6

87 28.8 22.2 33.4

59 11.9 9.1 13.7



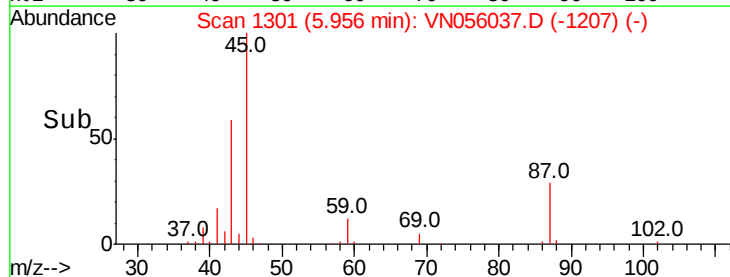
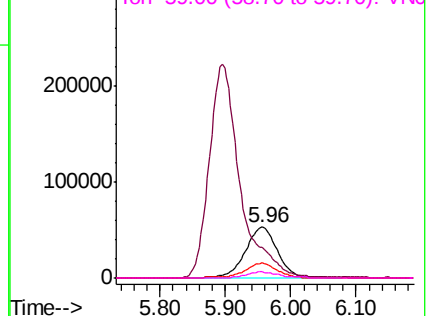
Abundance

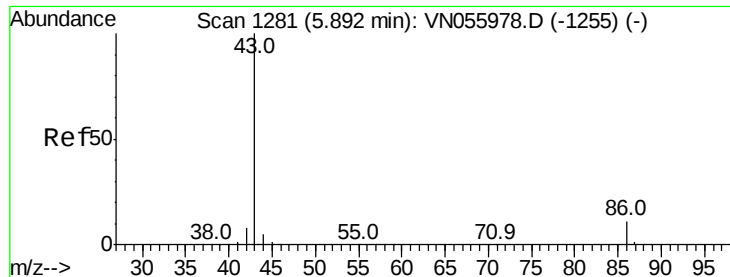
Ion 45.00 (44.70 to 45.70): VN0

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

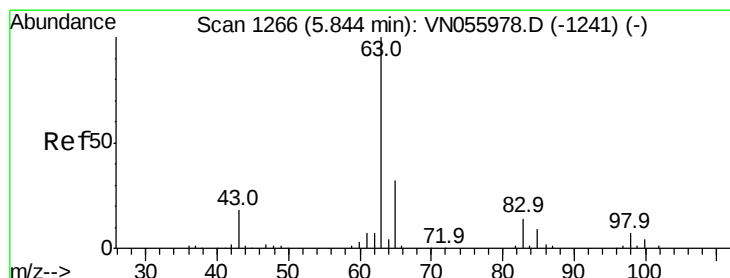
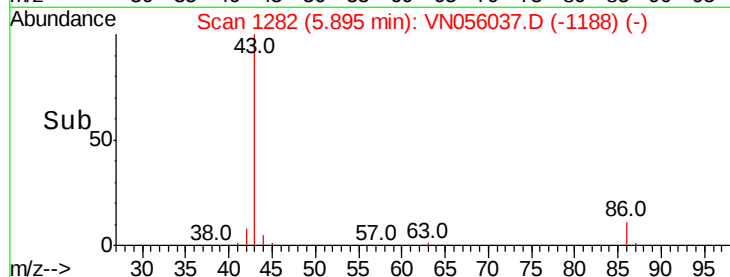
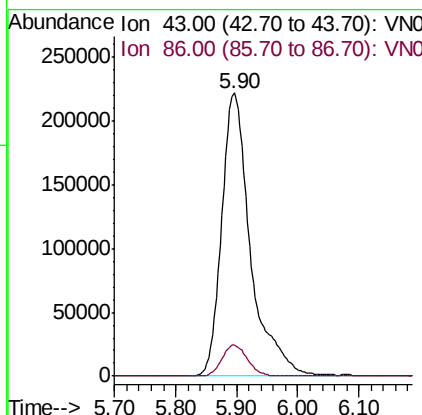
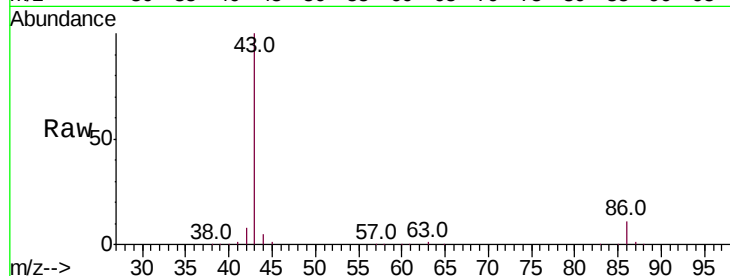




#23
 Vinyl Acetate
 Concen: 108.441 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

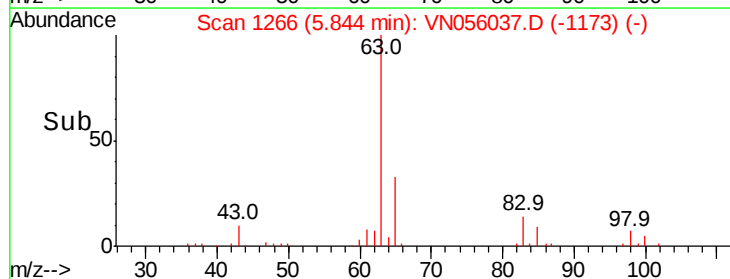
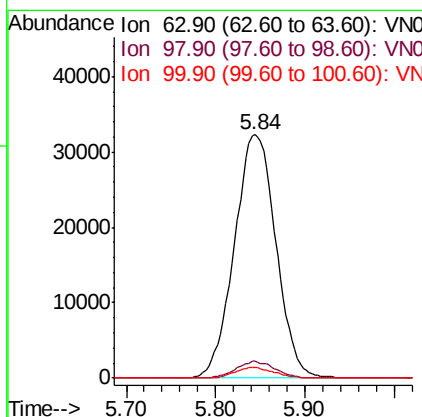
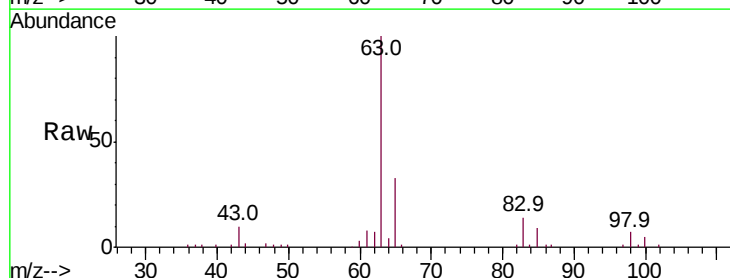
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

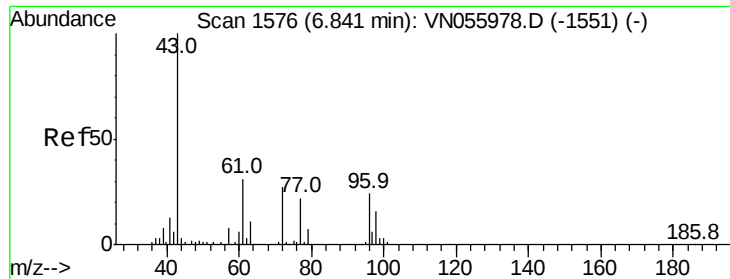
Tot Ion: 43 Resp: 730527
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.189 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Tgt Ion: 63 Resp: 104555
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 112.943 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

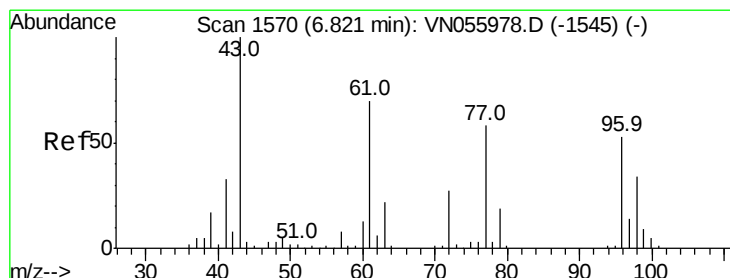
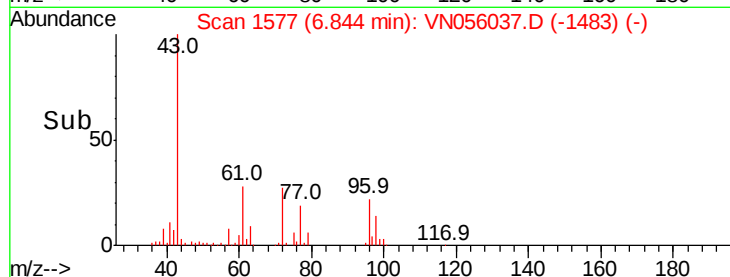
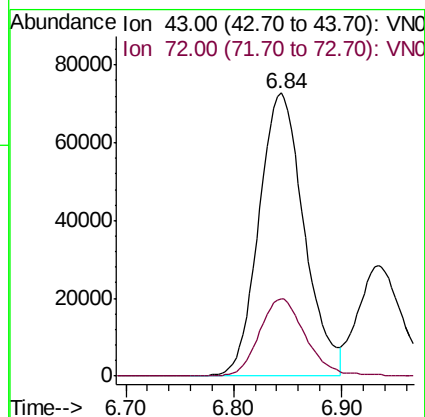
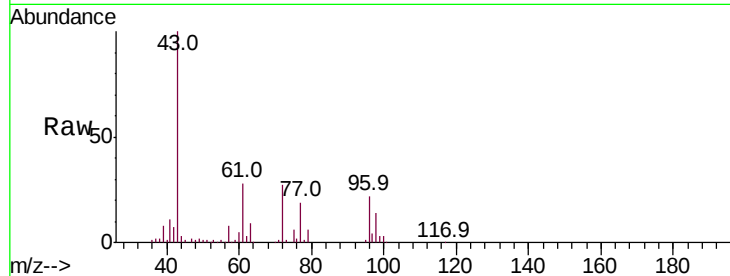
VN0607WBS01

Tot Ion: 43 Resp: 211553

Ion Ratio Lower Upper

43 100

72 27.3 21.9 32.9



#26

2,2-Dichloropropane

Concen: 19.188 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056037.D

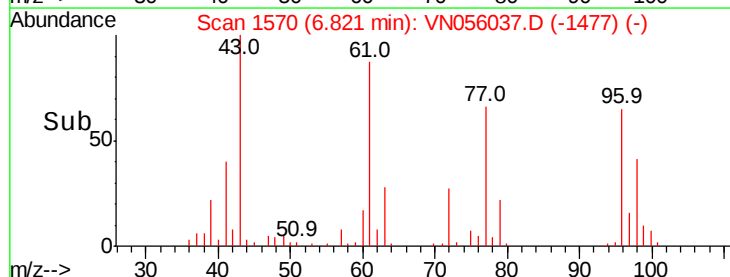
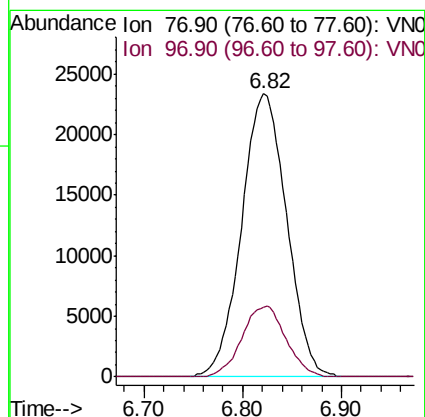
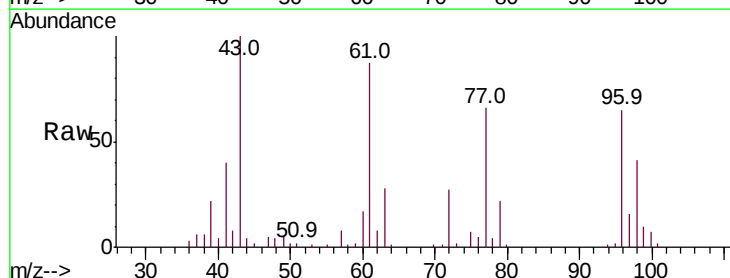
Acq: 6 Jun 2019 11:34

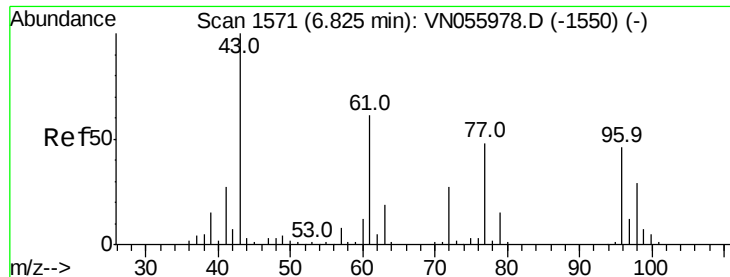
Tgt Ion: 77 Resp: 73884

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.883 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

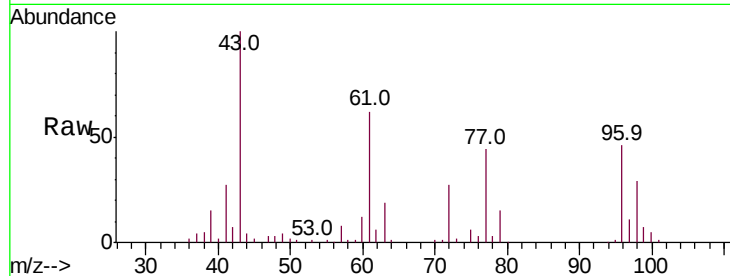
Tot Ion: 96 Resp: 68930

Ion Ratio Lower Upper

96 100

61 134.2 0.0 275.8

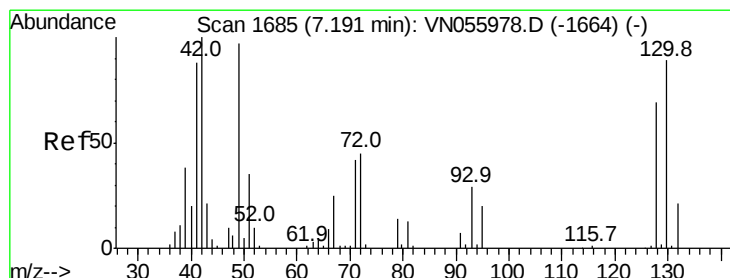
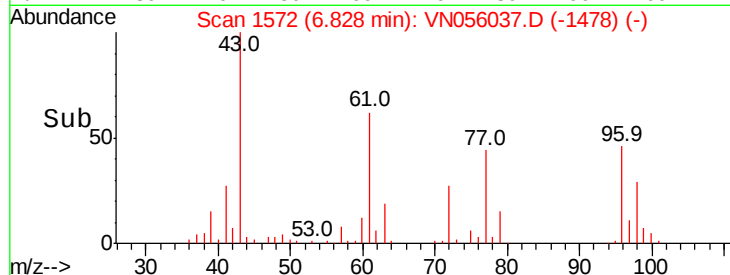
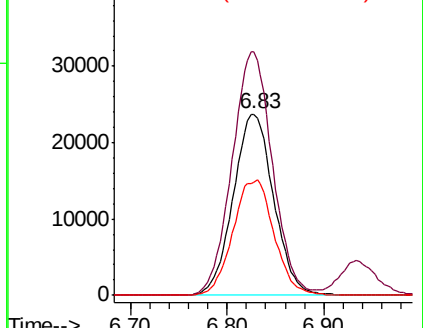
98 64.7 0.0 128.4



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: 22.176 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

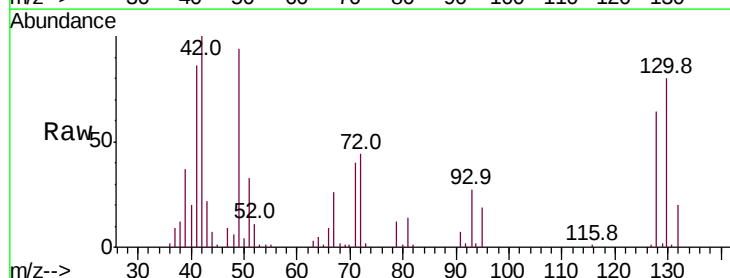
Tgt Ion: 49 Resp: 51749

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

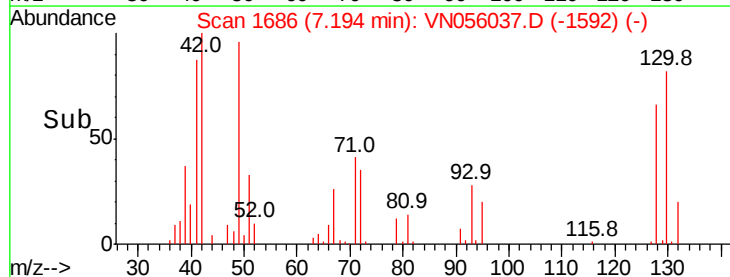
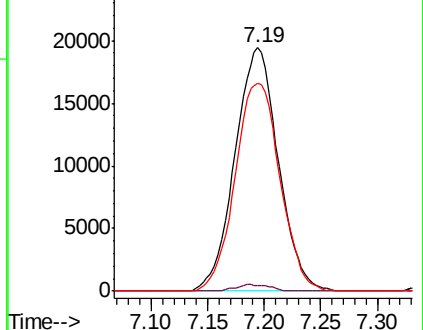
130 88.4 71.2 106.8

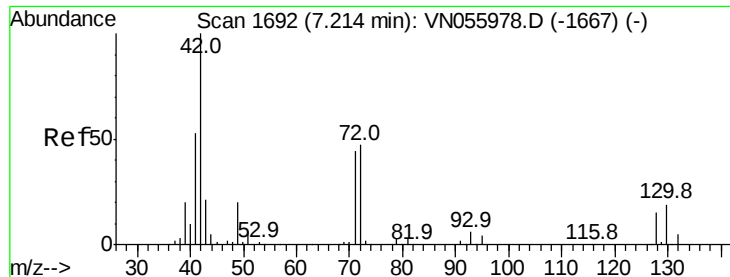


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

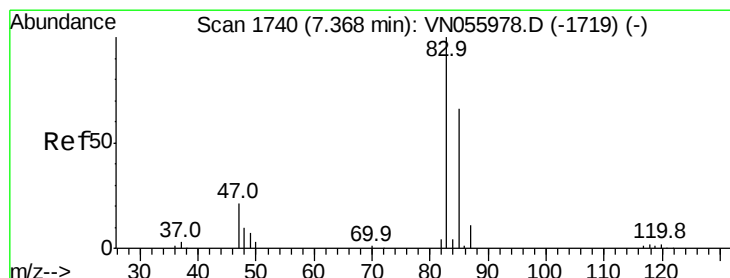
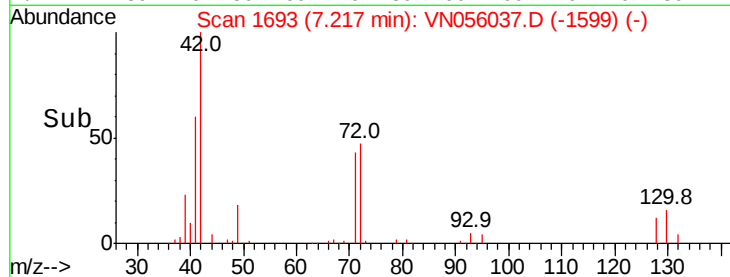
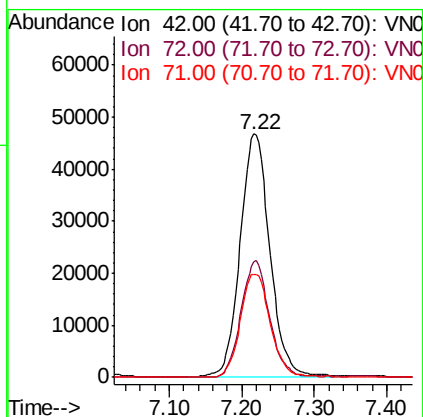
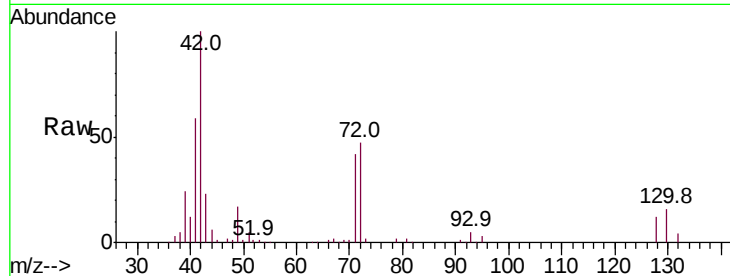




#29
Tetrahydrofuran
Concen: 116.176 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

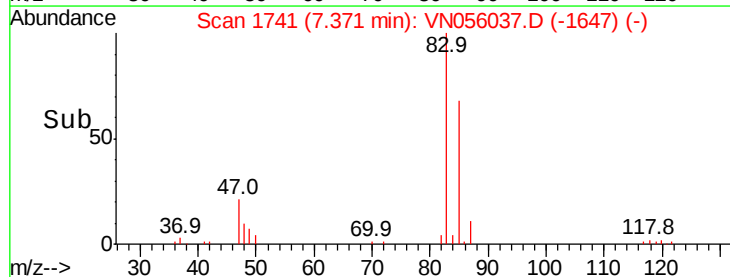
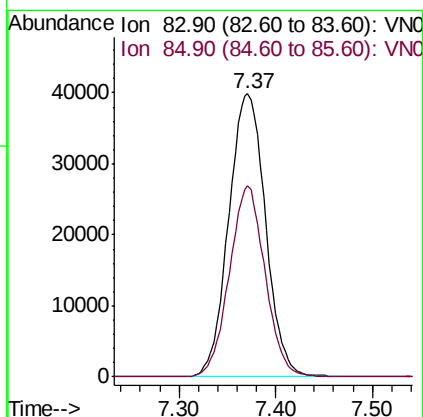
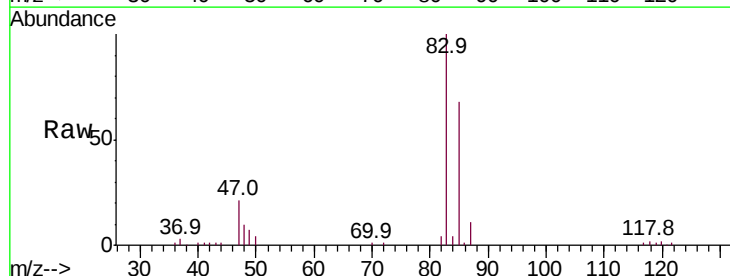
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBS01

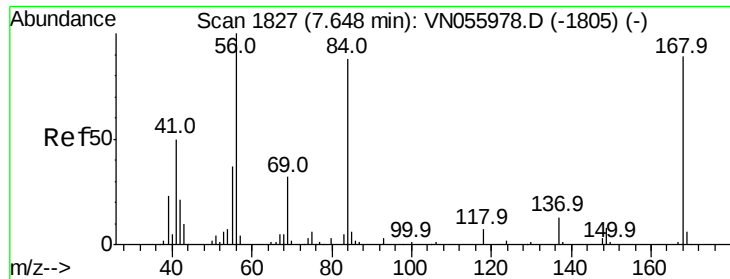
Tot Ion: 42 Resp: 134512
Ion Ratio Lower Upper
42 100
72 45.4 35.9 53.9
71 42.4 34.0 51.0



#30
Chloroform
Concen: 21.247 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 83 Resp: 105468
Ion Ratio Lower Upper
83 100
85 67.7 51.8 77.8

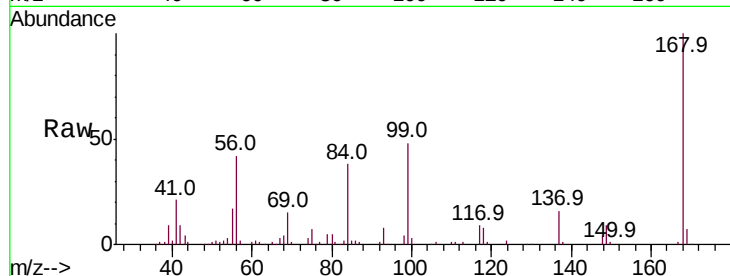




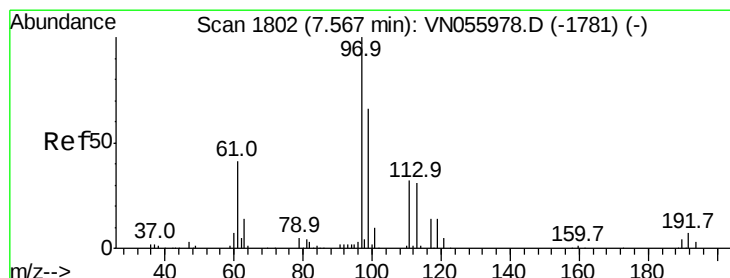
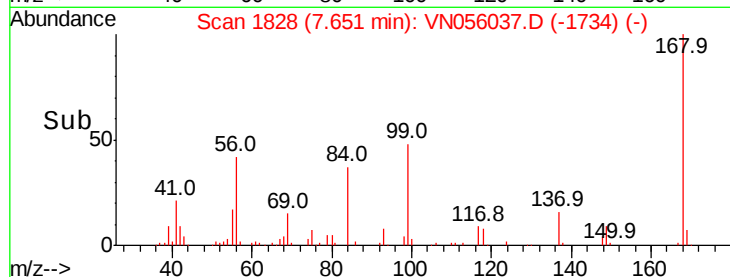
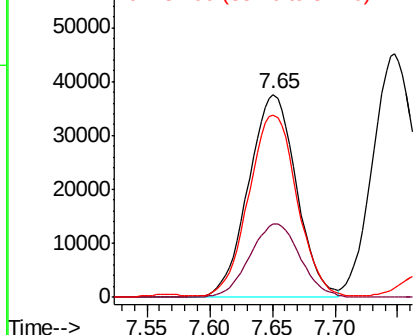
#31
Cyclohexane
Concen: 20.384 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0607WBS01

Tot Ion: 56 Resp: 100261
Ion Ratio Lower Upper
56 100
69 36.2 25.6 38.4
84 88.6 67.4 101.0

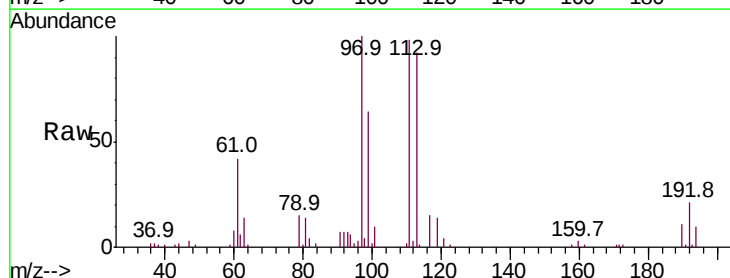


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

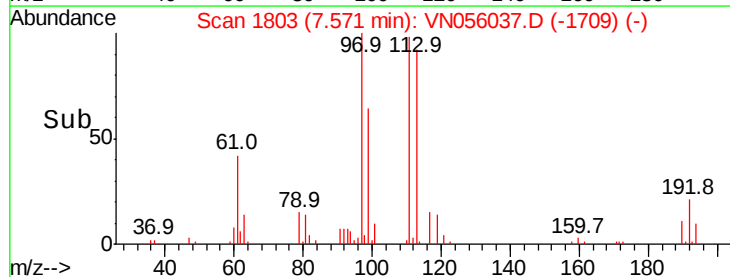
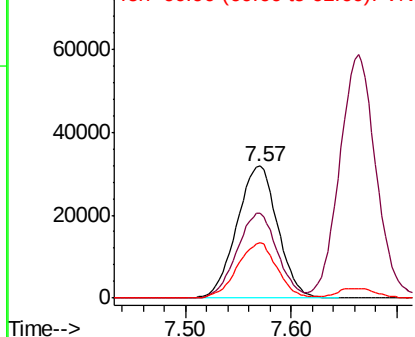


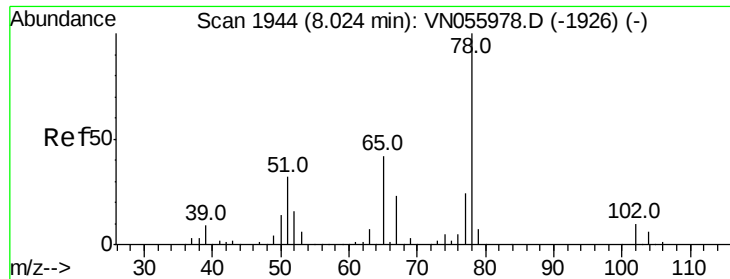
#32
1,1,1-Trichloroethane
Concen: 20.634 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 97 Resp: 85534
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 41.0 32.9 49.3



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

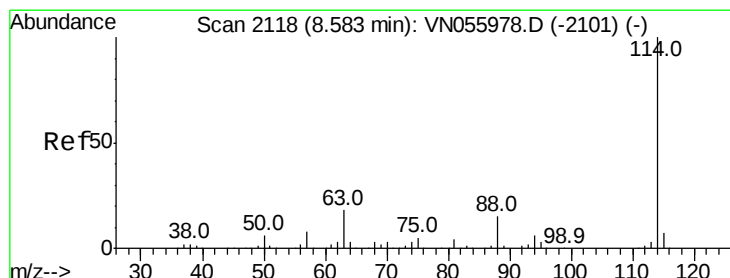
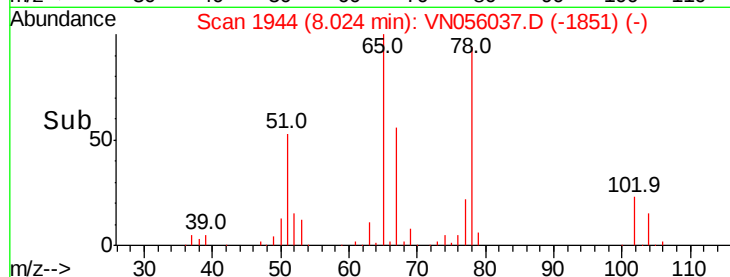
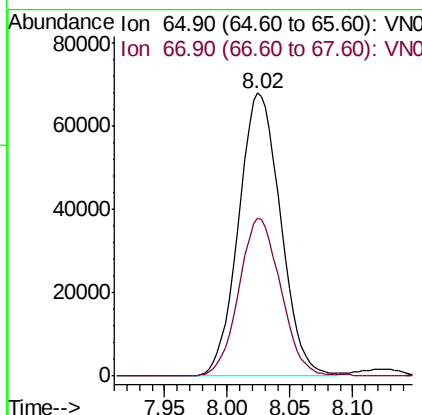
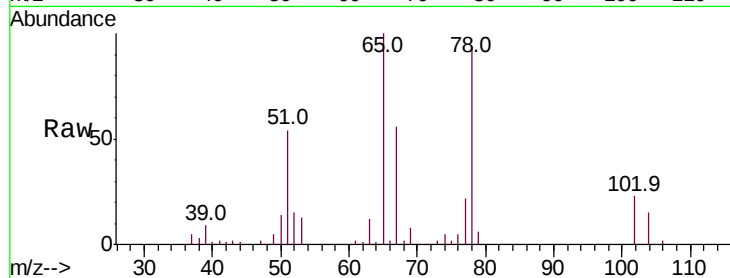




#33
 1,2-Dichloroethane-d4
 Concen: 51.261 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

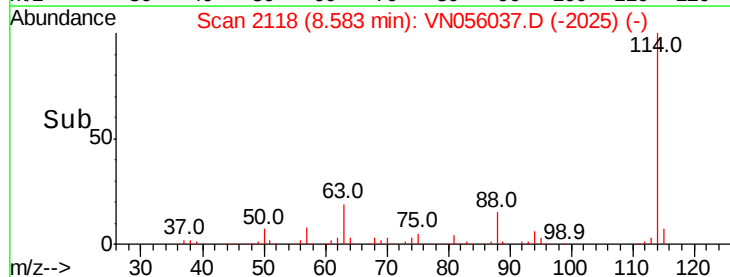
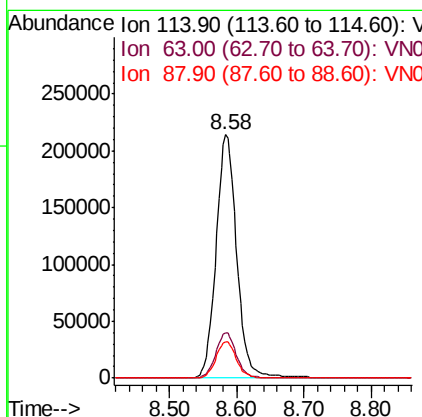
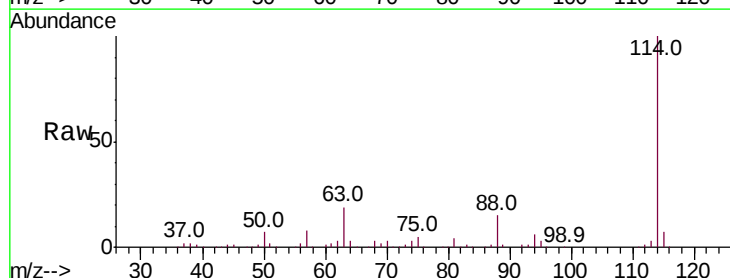
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

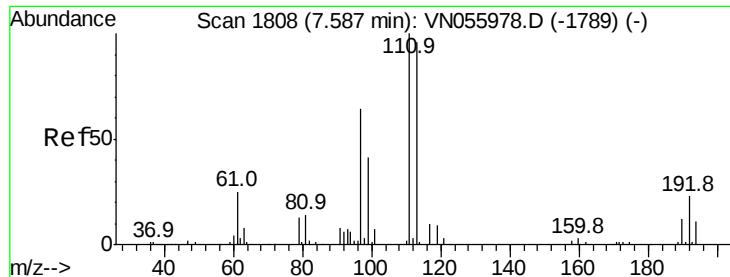
Tot Ion: 65 Resp: 158893
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Tgt Ion: 114 Resp: 460212
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.2 0.0 31.0

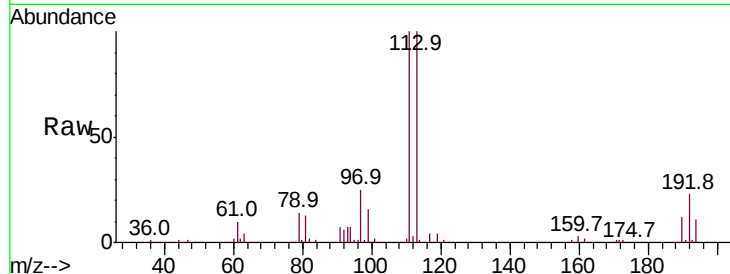




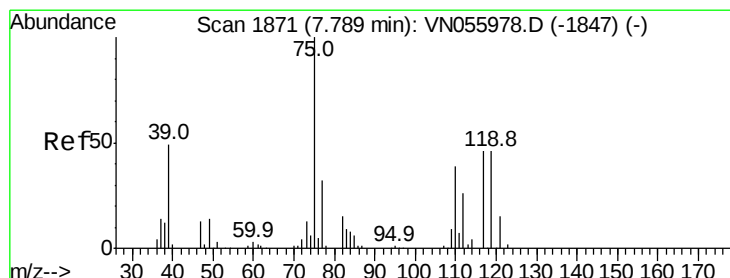
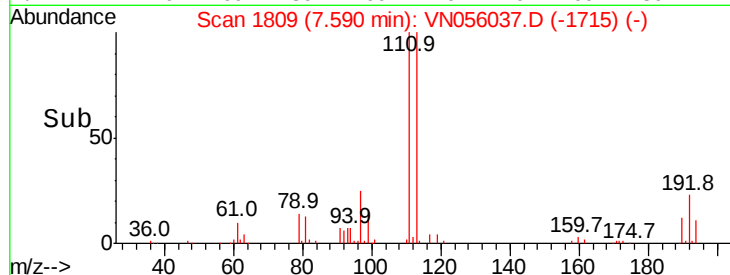
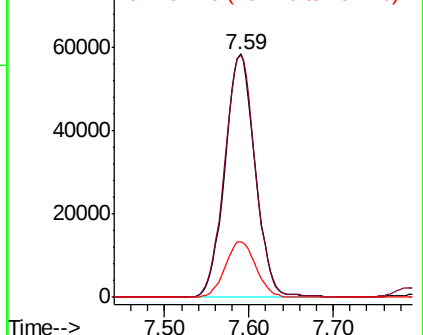
#35
 Dibromofluoromethane
 Concen: 51.423 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	23.2	19.5	29.3

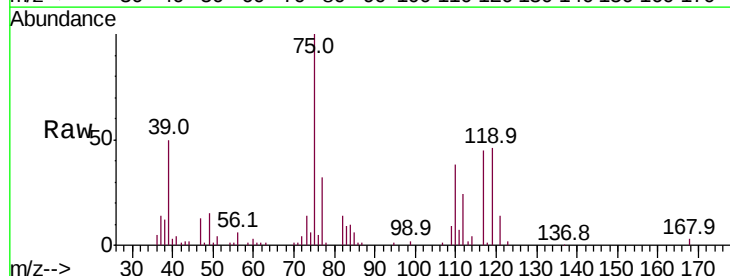


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

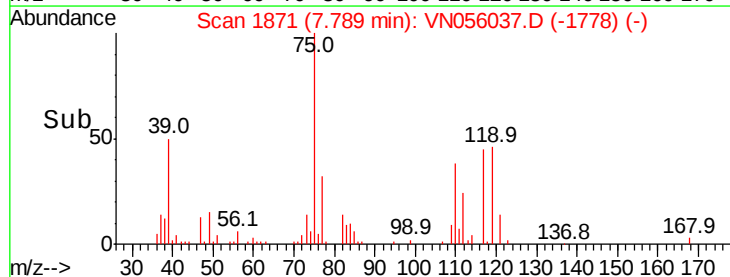
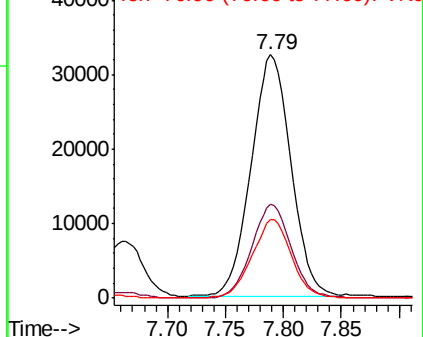


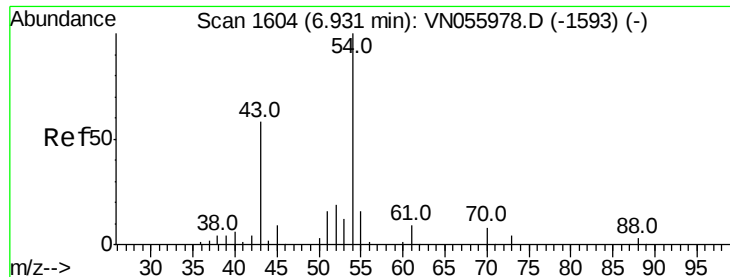
#36
 1,1-Dichloropropene
 Concen: 19.599 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.0	57.0
77	32.2	25.1	37.7



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

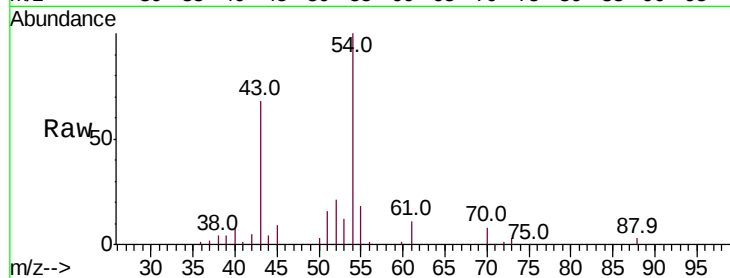




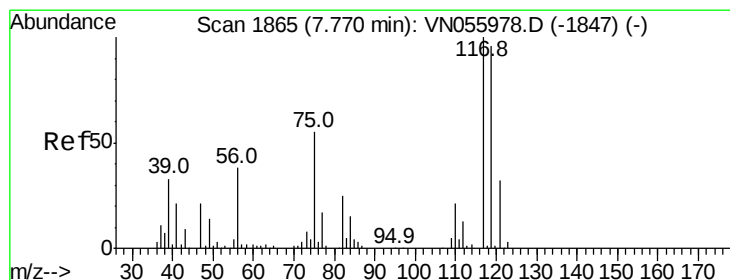
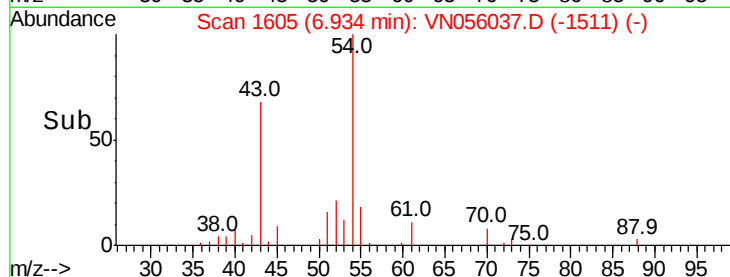
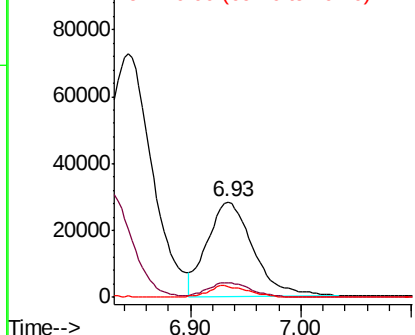
#37
Ethyl Acetate
Concen: 22.990 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0607WBS01

Tot Ion: 43 Resp: 80945
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.2
70 10.8 8.9 13.3

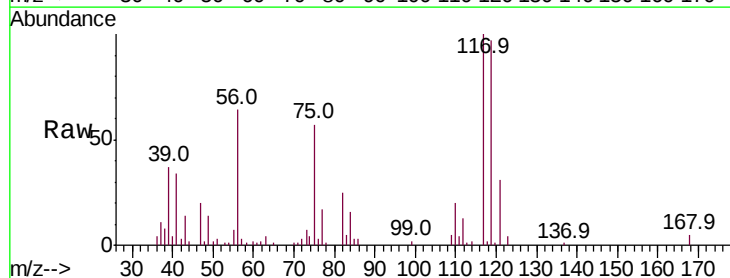


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

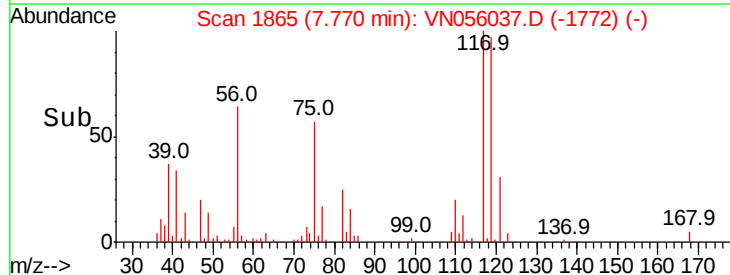
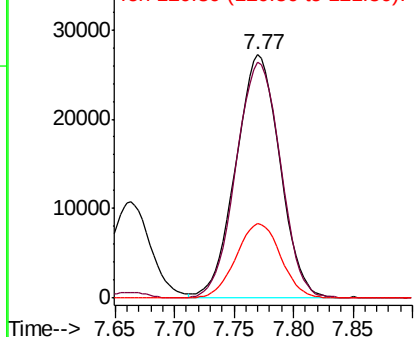


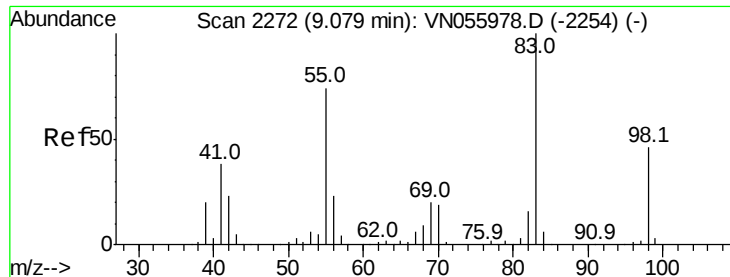
#38
Carbon Tetrachloride
Concen: 19.142 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 117 Resp: 69835
Ion Ratio Lower Upper
117 100
119 96.9 79.0 118.6
121 30.5 24.7 37.1



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

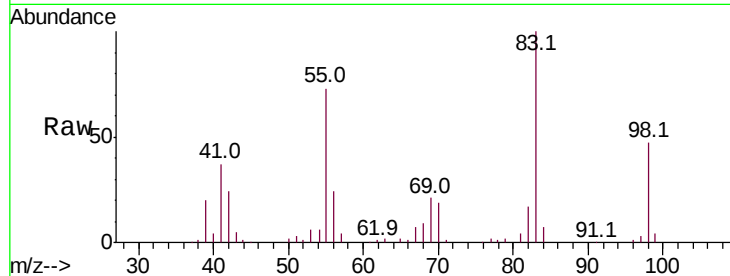




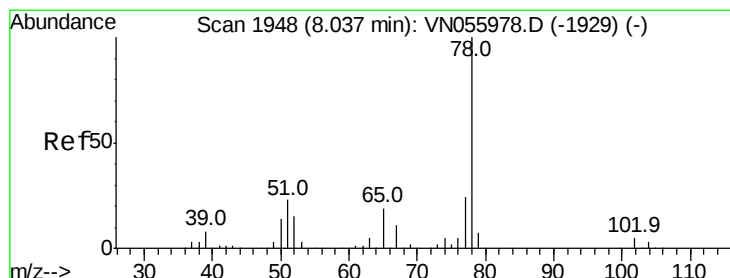
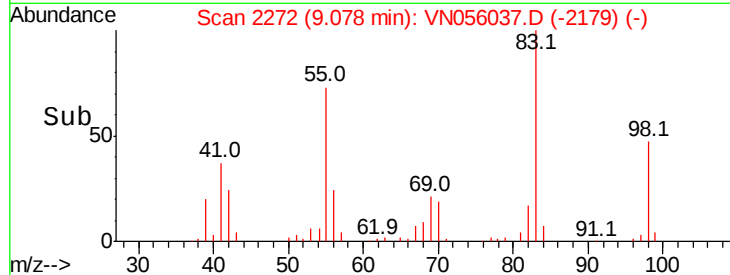
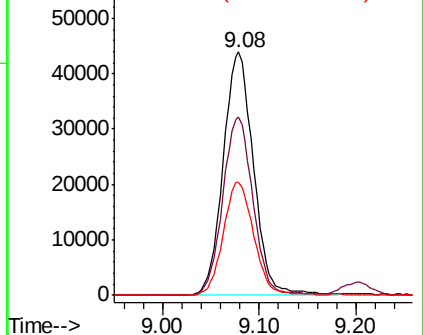
#39
Methvlcvclohexane
Concen: 19.414 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0607WBS01

Tot Ion: 83 Resp: 95703
Ion Ratio Lower Upper
83 100
55 73.2 59.3 88.9
98 46.7 36.6 54.8

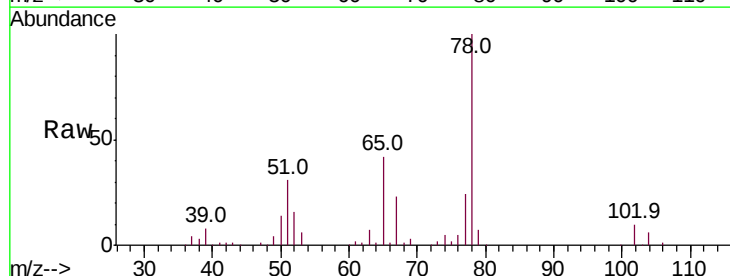


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

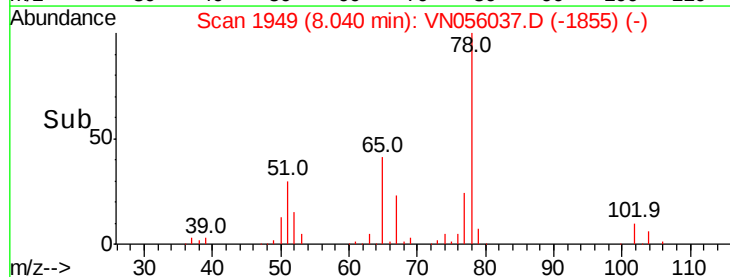
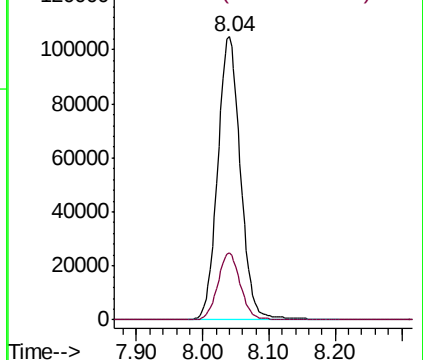


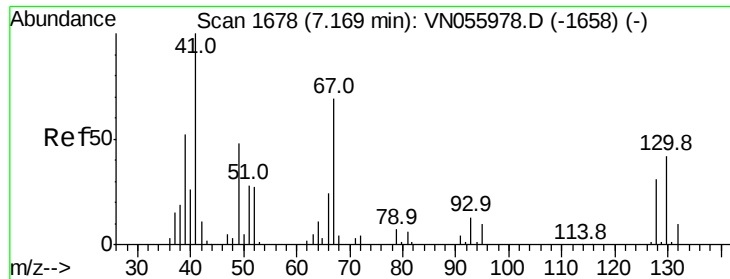
#40
Benzene
Concen: 20.857 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 78 Resp: 250678
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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

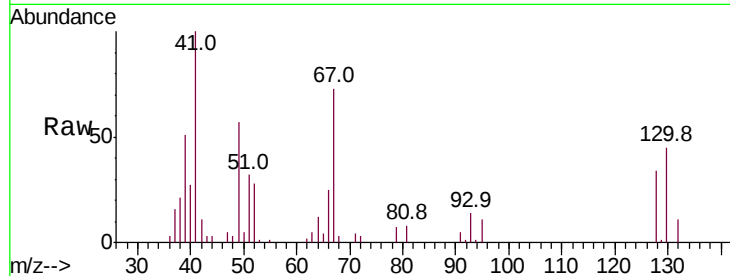




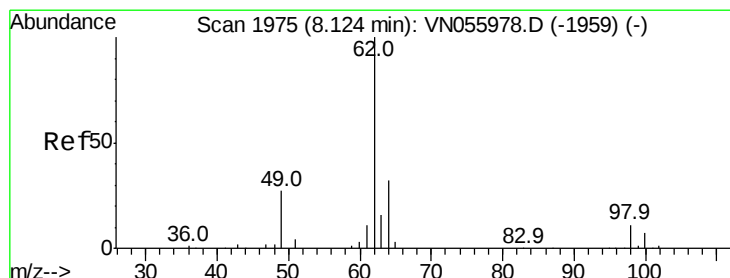
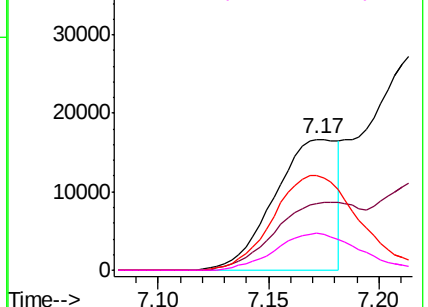
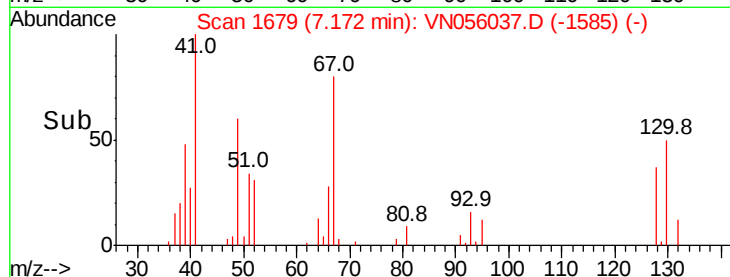
#41
Methacrylonitrile
Concen: 20.495 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Instrument :
MSVOA_N
ClientSampled :
VN0607WBS01

Tot Ion: 41 Resp: 33201
Ion Ratio Lower Upper
41 100
39 70.4 45.6 68.4#
67 99.7 67.7 101.5
52 38.4 26.6 40.0

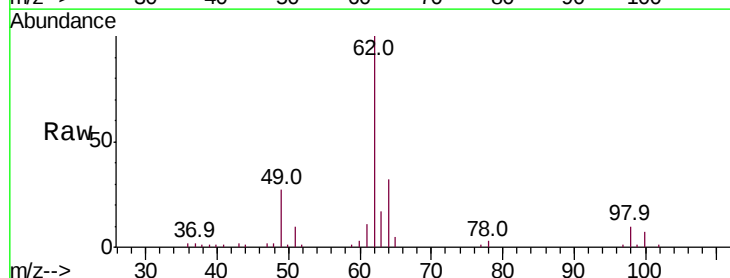


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

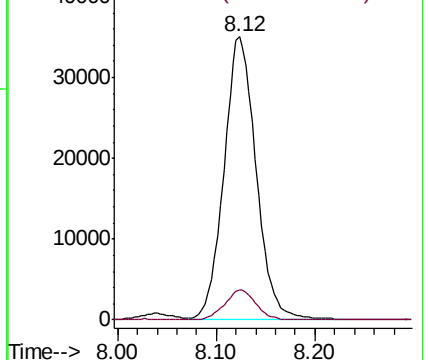
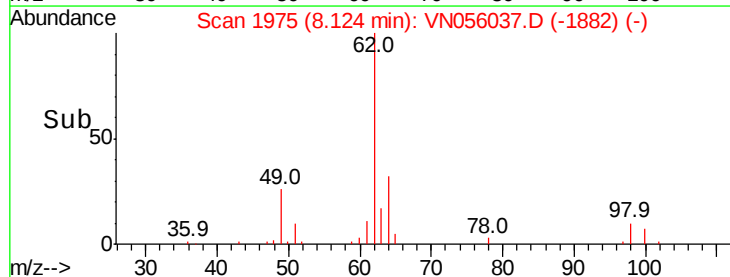


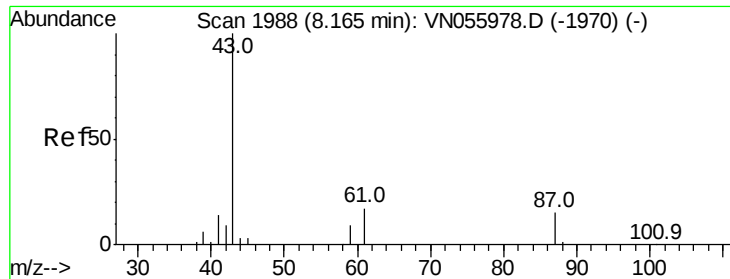
#42
1,2-Dichloroethane
Concen: 20.690 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 62 Resp: 79989
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 21.309 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

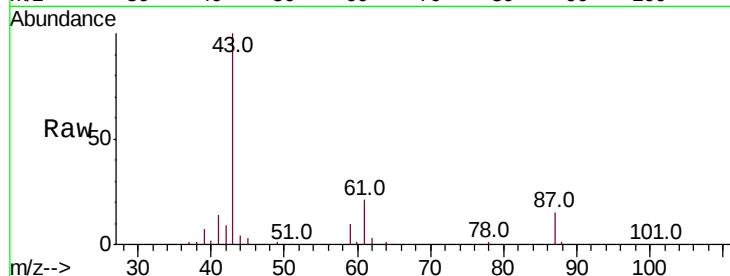
MSVOA_N

ClientSampleId :

VN0607WBS01

Tot Ion: 43 Resp: 121578

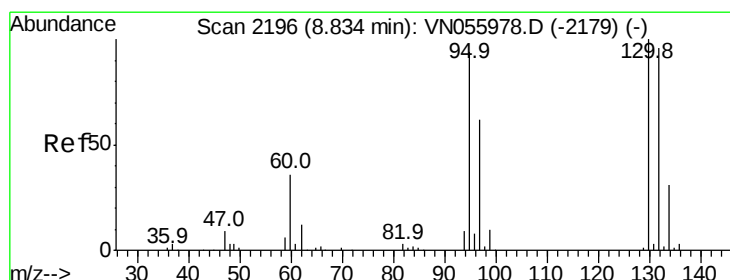
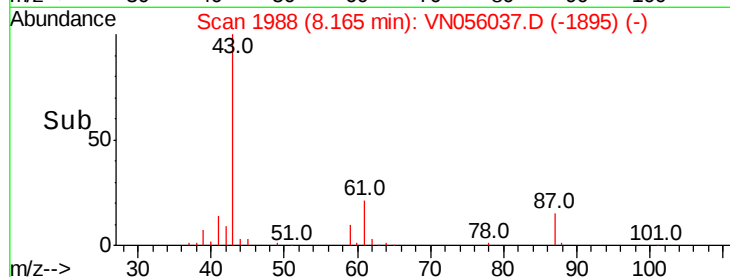
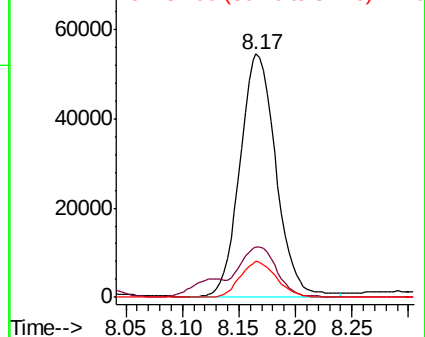
Ion	Ratio	Lower	Upper
43	100		
61	21.5	22.2	33.4#
87	14.9	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 20.129 ug/l

RT: 8.83 min Scan# 2196

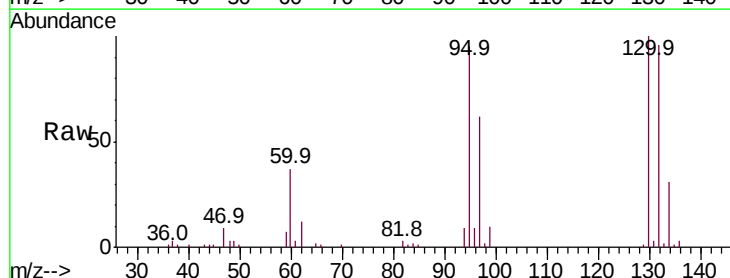
Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

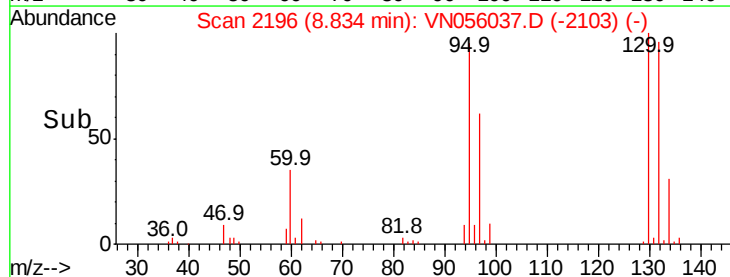
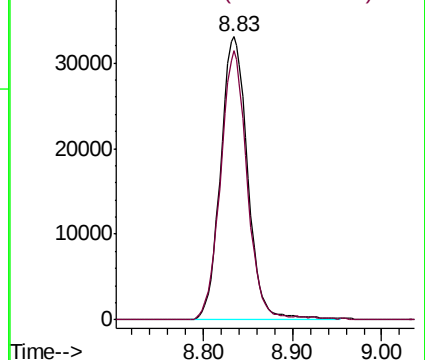
Tgt Ion:130 Resp: 69519

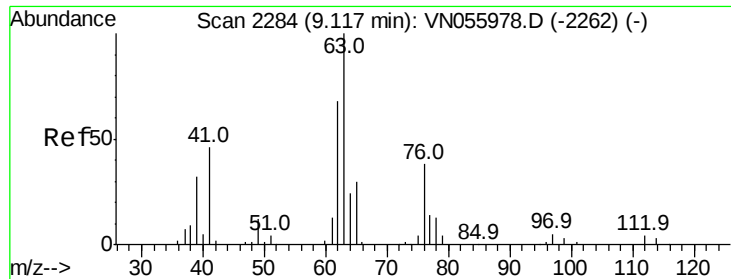
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.837 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

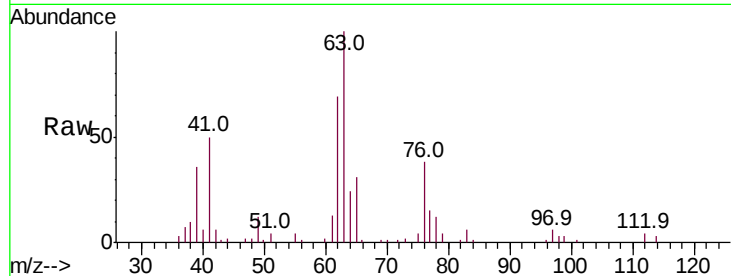
VN0607WBS01

Tot Ion: 63 Resp: 64148

Ion Ratio Lower Upper

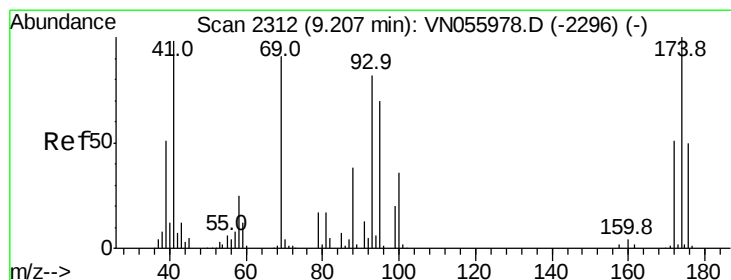
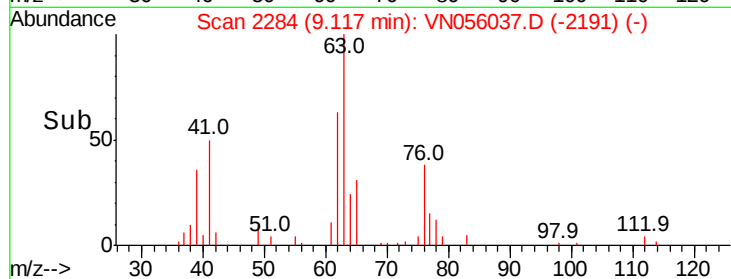
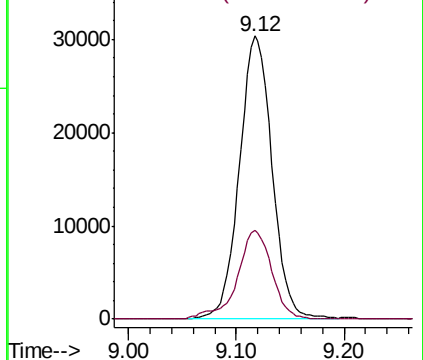
63 100

65 31.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.969 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

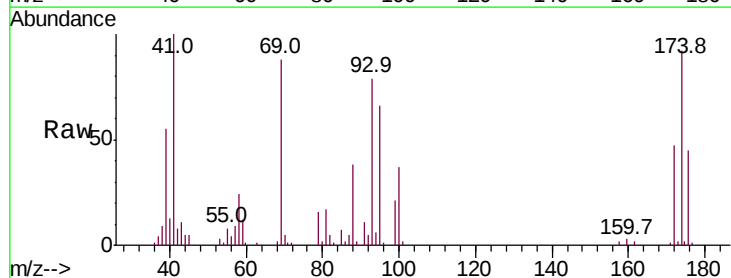
Tgt Ion: 93 Resp: 42213

Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

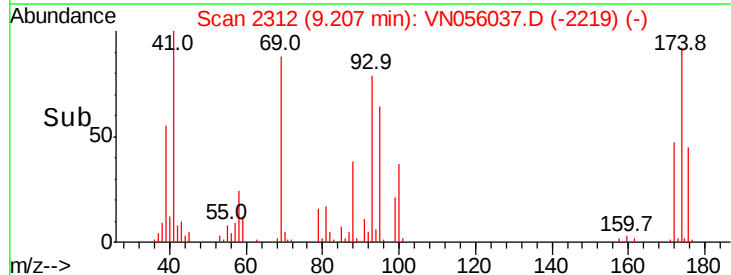
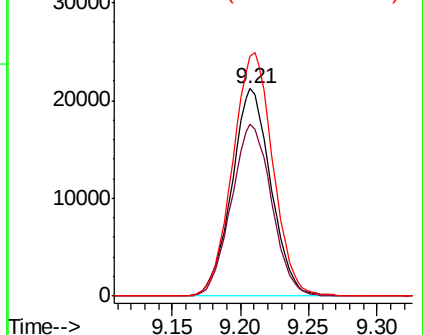
174 121.0 96.4 144.6

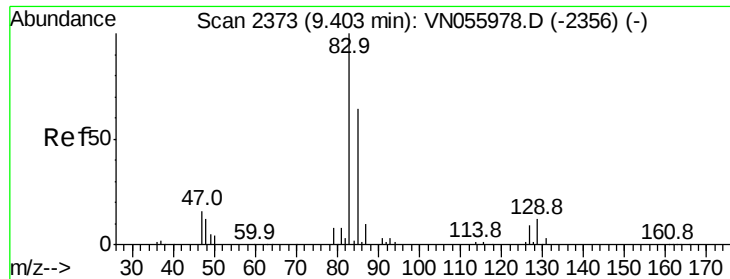


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.216 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

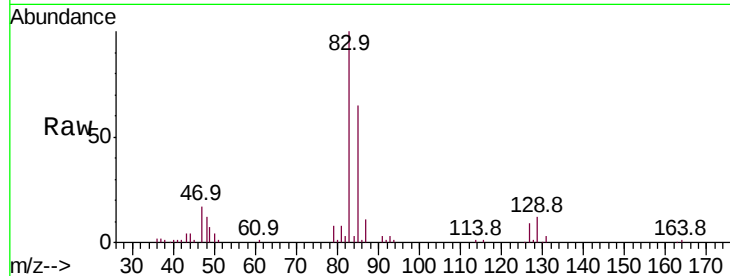
Tot Ion: 83 Resp: 73760

Ion Ratio Lower Upper

83 100

85 65.2 52.2 78.2

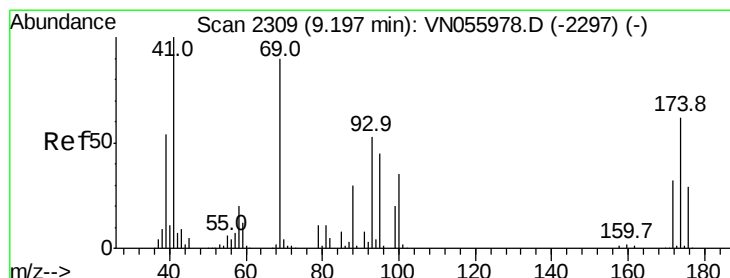
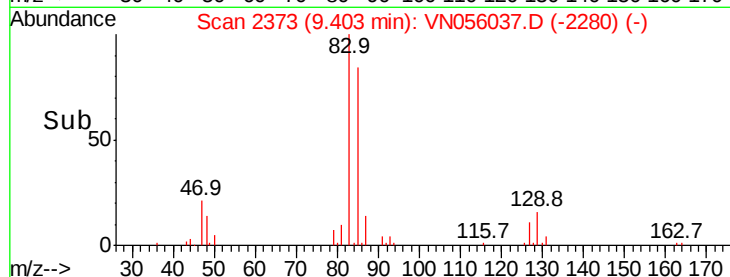
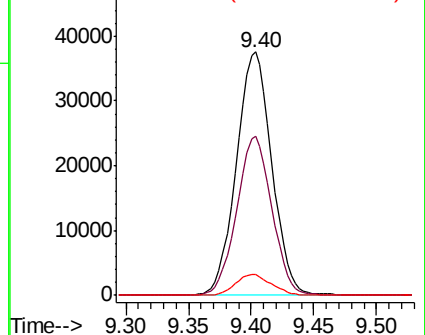
127 8.6 7.4 11.0



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: 20.999 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

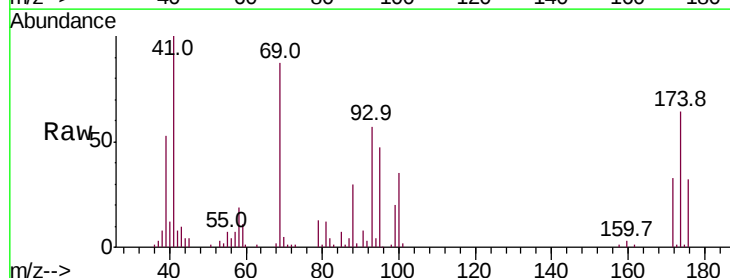
Tgt Ion: 41 Resp: 58614

Ion Ratio Lower Upper

41 100

69 90.9 71.0 106.6

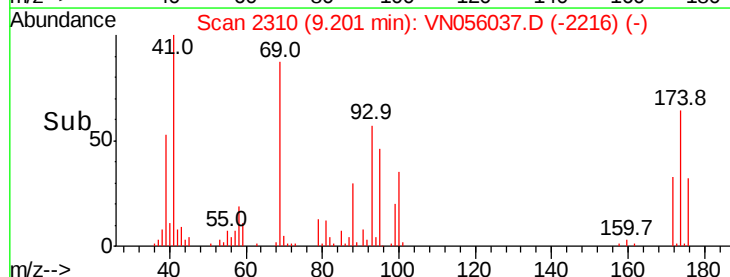
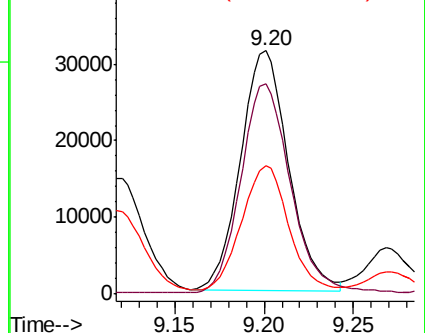
39 54.1 44.2 66.2

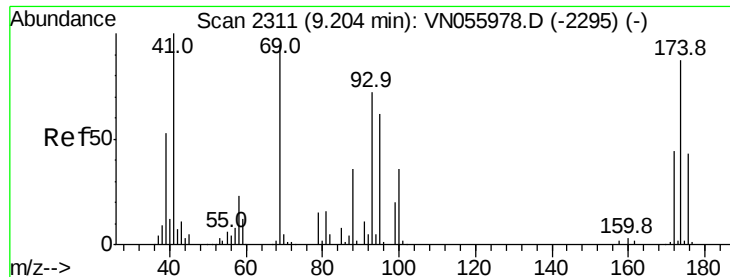


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 445.427 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

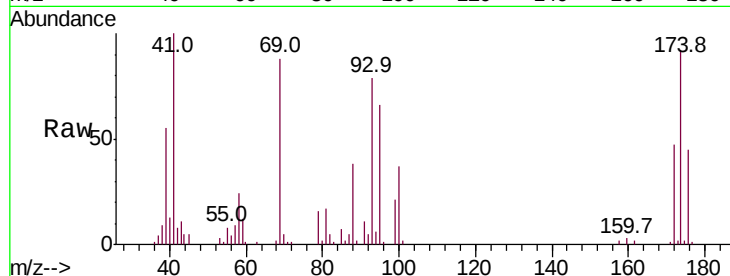
Tot Ion: 88 Resp: 26842

Ion Ratio Lower Upper

88 100

43 22.8 20.5 30.7

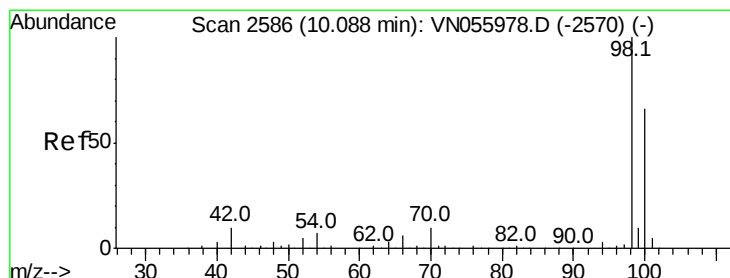
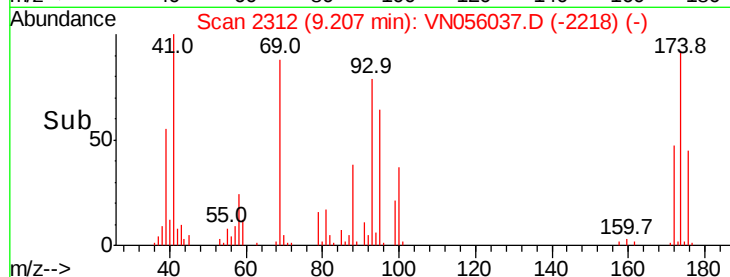
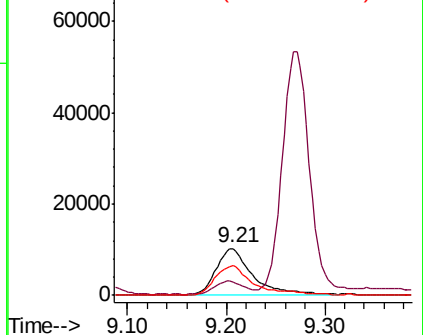
58 61.4 55.8 83.6



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: 50.947 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056037.D

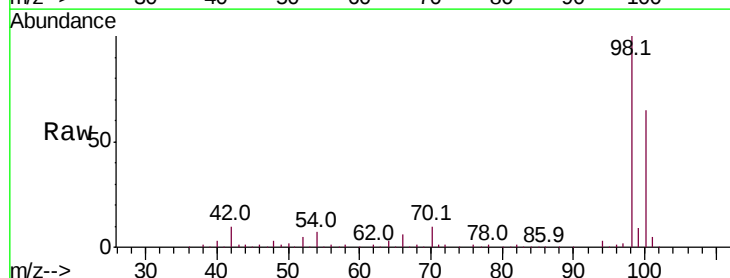
Acq: 6 Jun 2019 11:34

Tgt Ion: 98 Resp: 553545

Ion Ratio Lower Upper

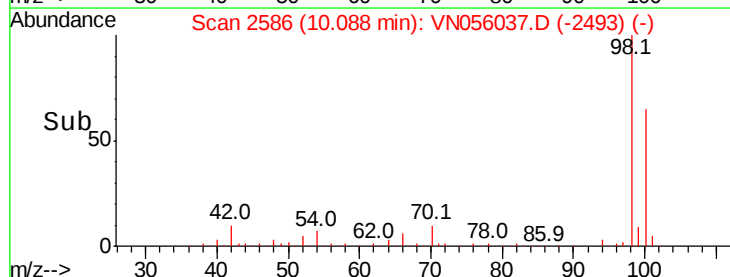
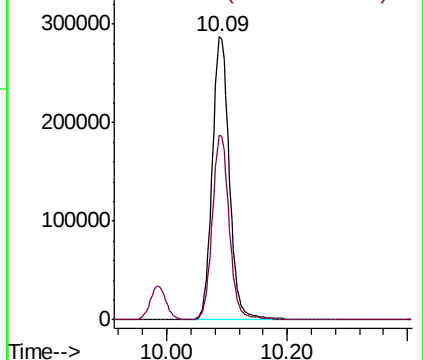
98 100

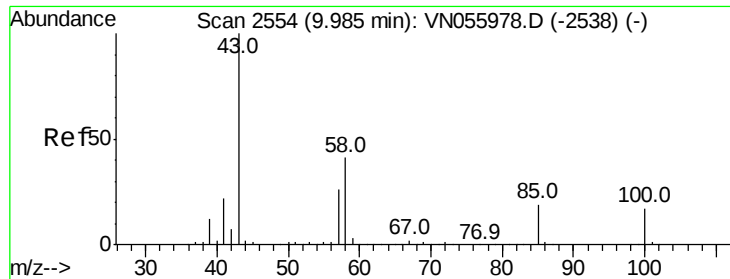
100 64.6 51.9 77.9



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: 109.432 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampled :

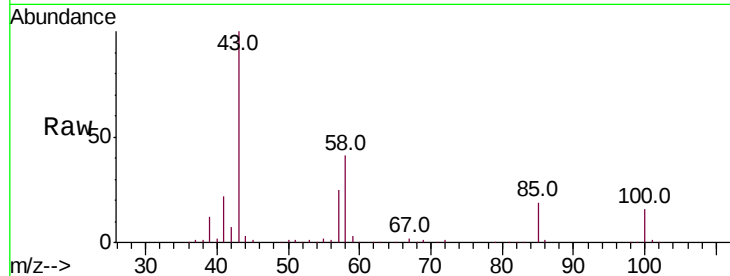
VN0607WBS01

Tot Ion: 43 Resp: 390451

Ion Ratio Lower Upper

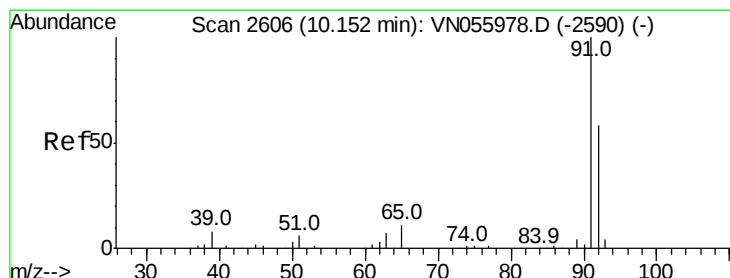
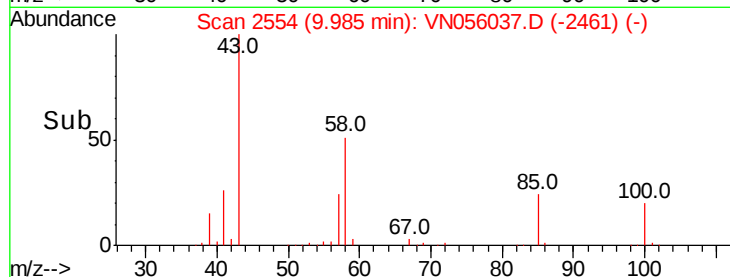
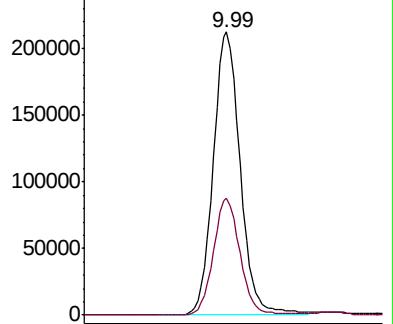
43 100

58 41.0 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.923 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056037.D

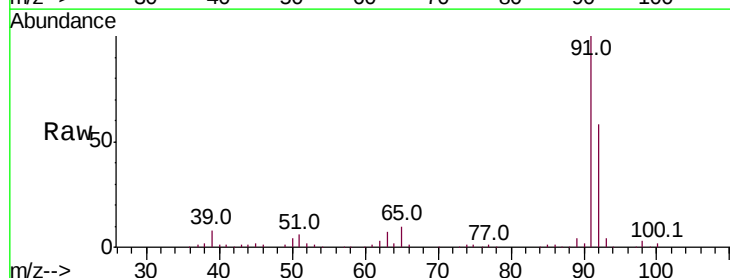
Acq: 6 Jun 2019 11:34

Tgt Ion: 92 Resp: 156483

Ion Ratio Lower Upper

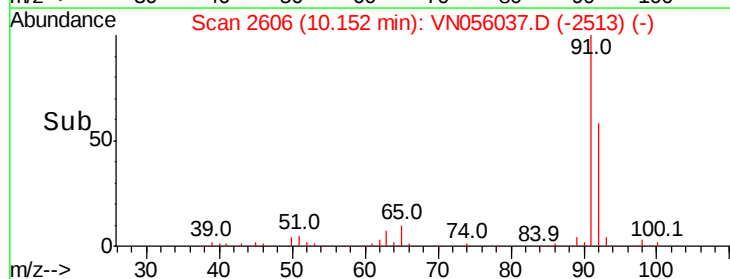
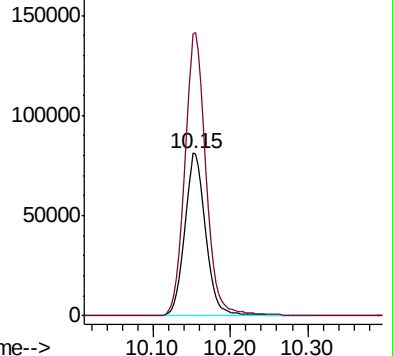
92 100

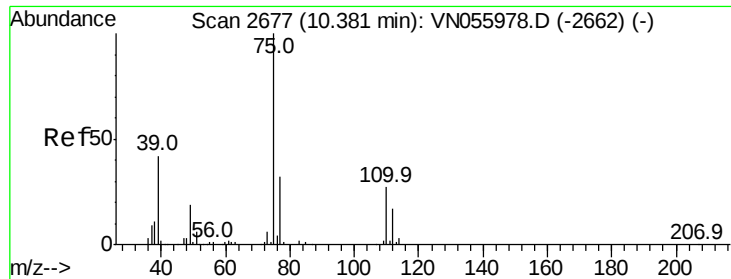
91 175.3 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.470 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

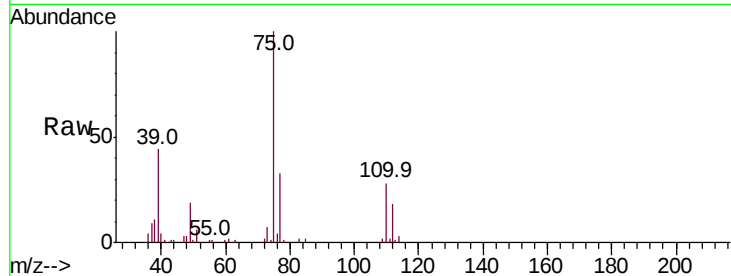
VN0607WBS01

Tot Ion: 75 Resp: 72214

Ion Ratio Lower Upper

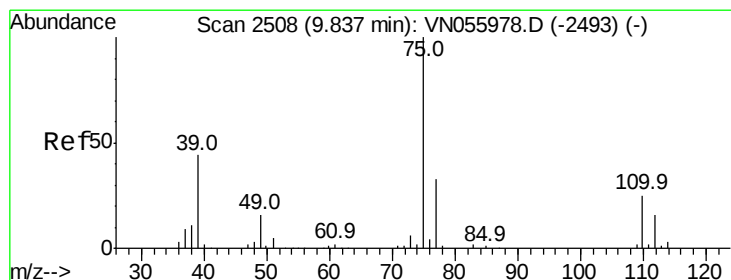
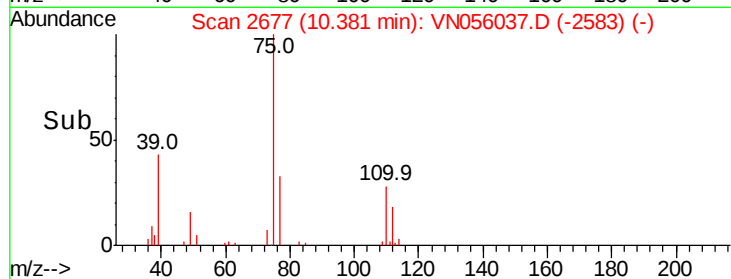
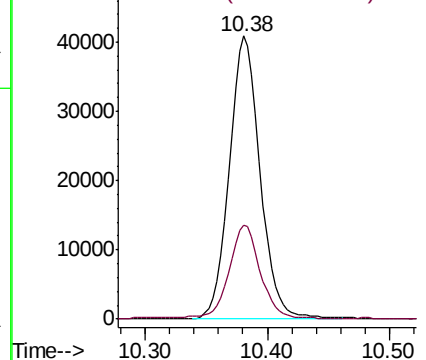
75 100

77 32.8 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.308 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

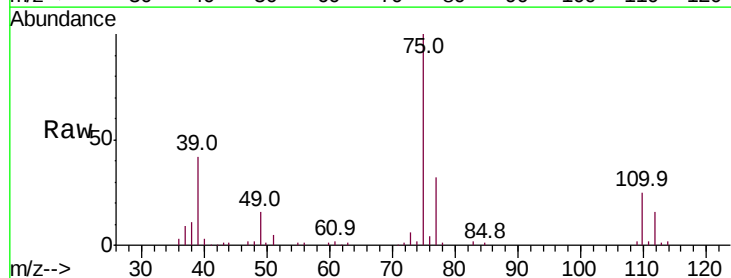
Tgt Ion: 75 Resp: 89066

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

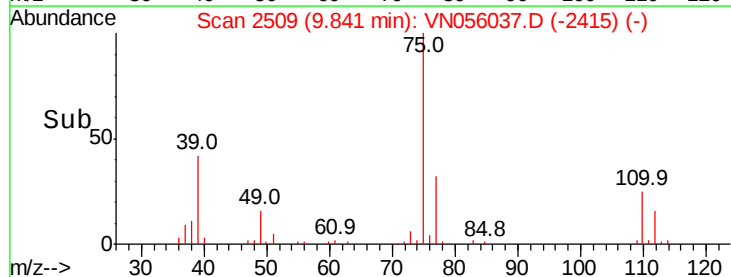
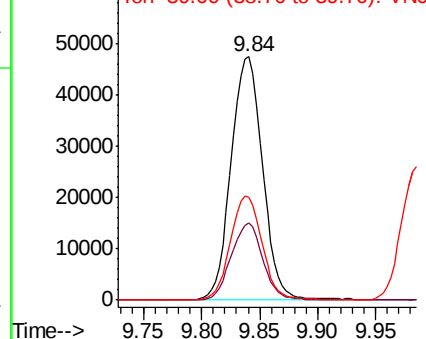
39 42.0 36.3 54.5

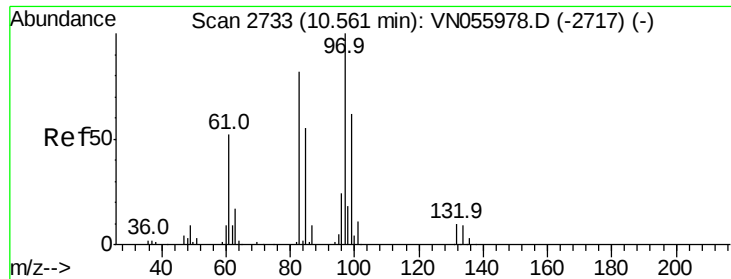


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.138 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

Tot Ion: 97 Resp: 62622

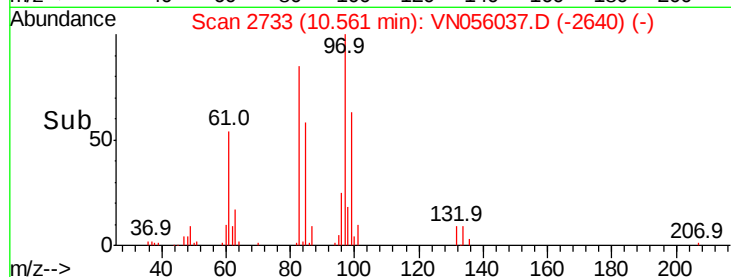
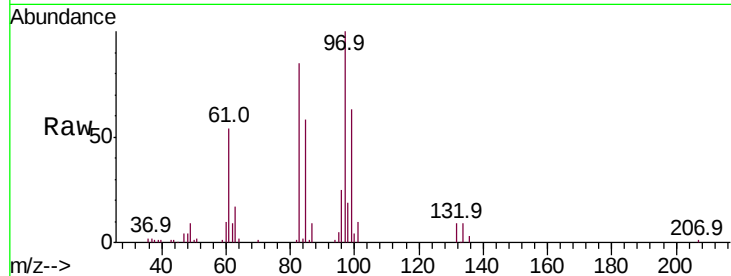
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.0	100.6
85	57.6	44.0	66.0
99	62.8	50.6	75.8

97 100

83 85.5 67.0 100.6

85 57.6 44.0 66.0

99 62.8 50.6 75.8

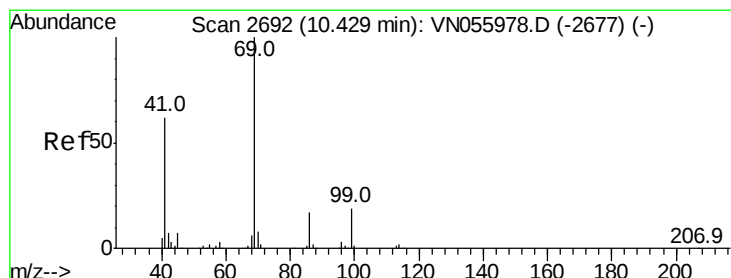
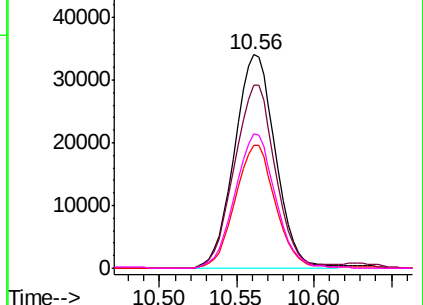


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 20.950 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

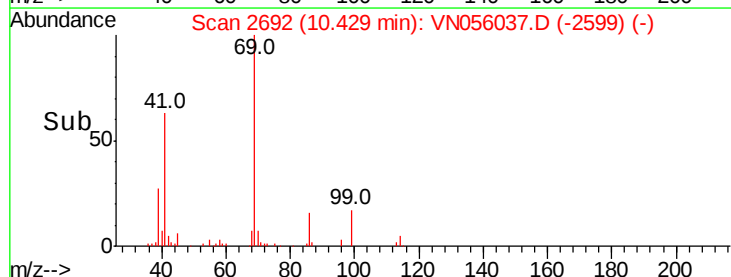
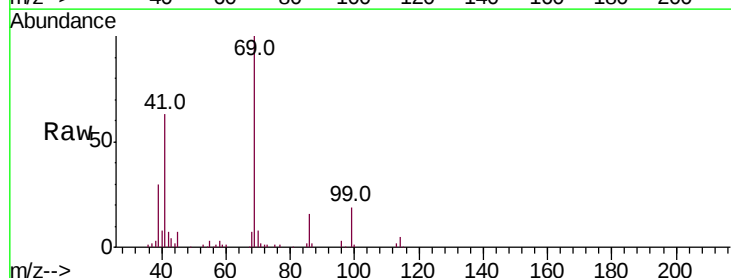
Tgt Ion: 69 Resp: 90547

Ion	Ratio	Lower	Upper
69	100		
41	62.3	49.7	74.5
39	30.0	24.7	37.1

69 100

41 62.3 49.7 74.5

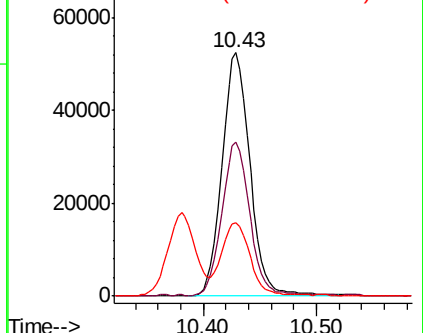
39 30.0 24.7 37.1

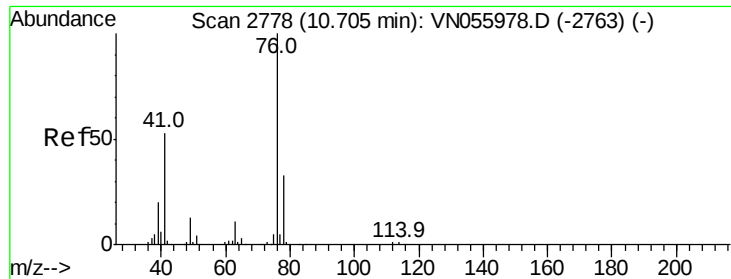


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

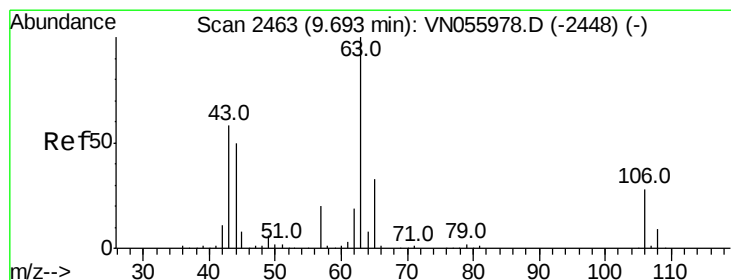
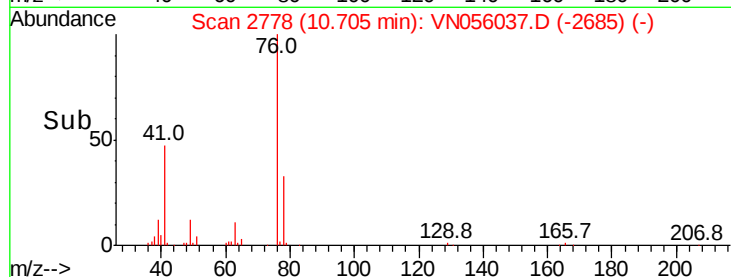
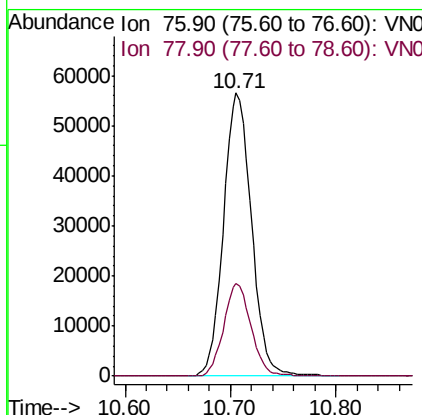
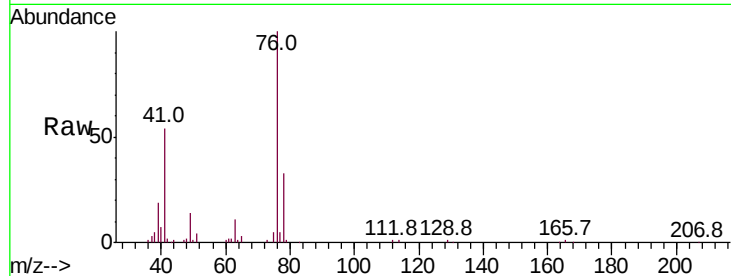




#57
 1,3-Dichloropropane
 Concen: 21.545 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

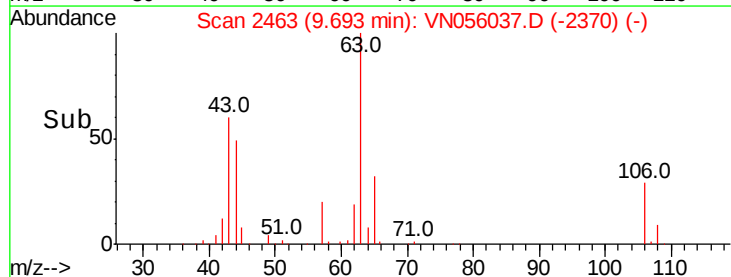
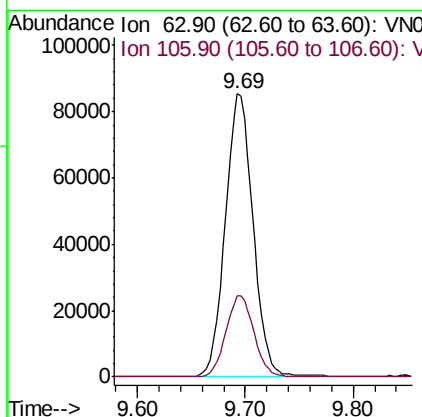
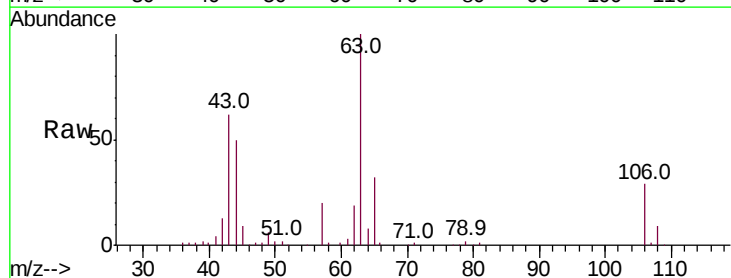
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

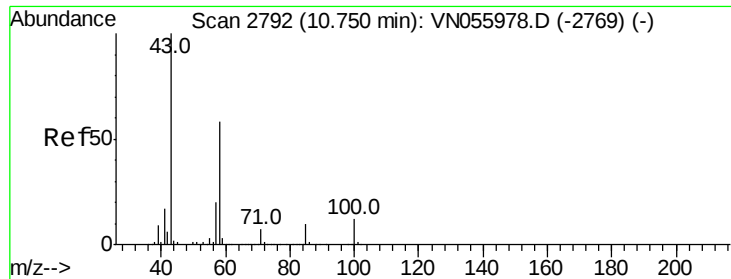
Tot Ion: 76 Resp: 103761
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.868 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Tgt Ion: 63 Resp: 153035
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.7 34.1

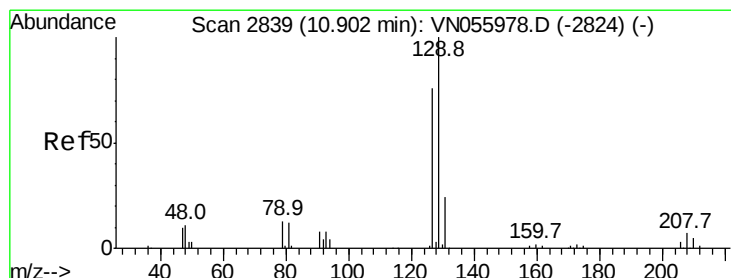
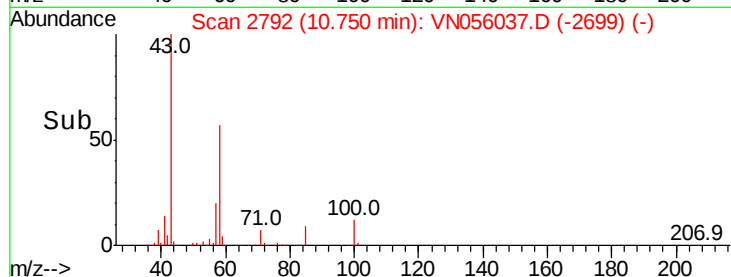
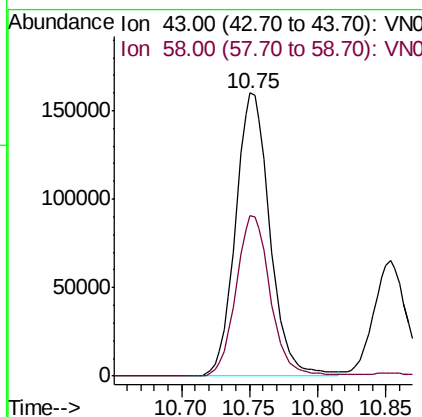
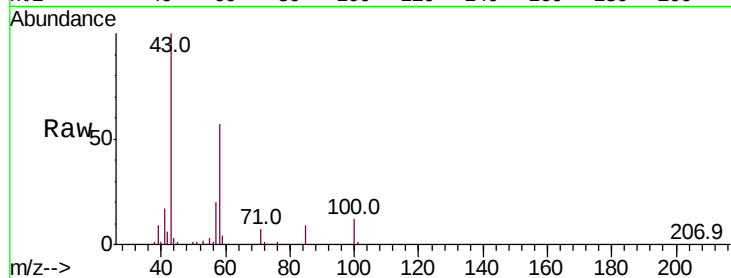




#59
2-Hexanone
Concen: 107.564 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

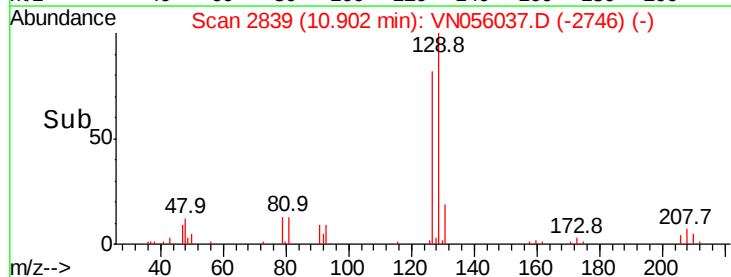
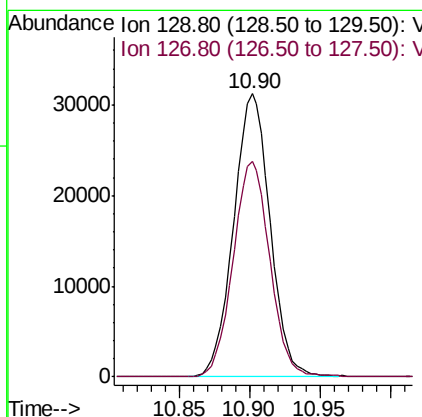
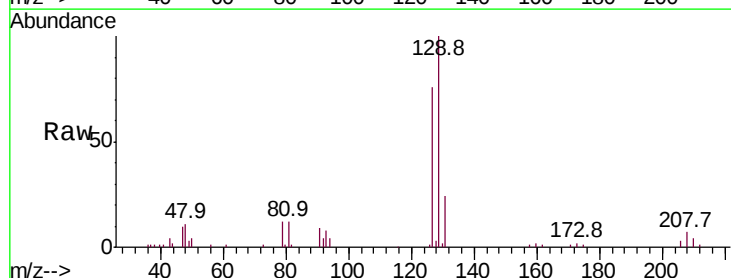
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBS01

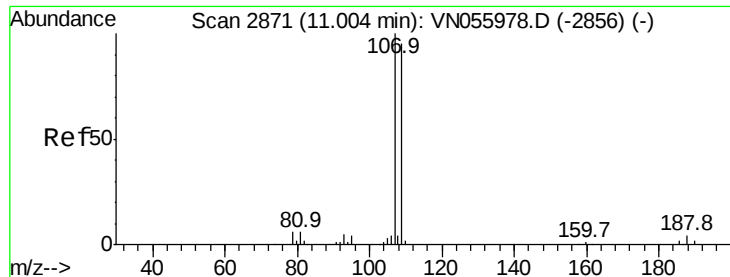
Tot Ion: 43 Resp: 278160
Ion Ratio Lower Upper
43 100
58 56.9 28.2 84.7



#60
Dibromochloromethane
Concen: 18.948 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 129 Resp: 56677
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.3

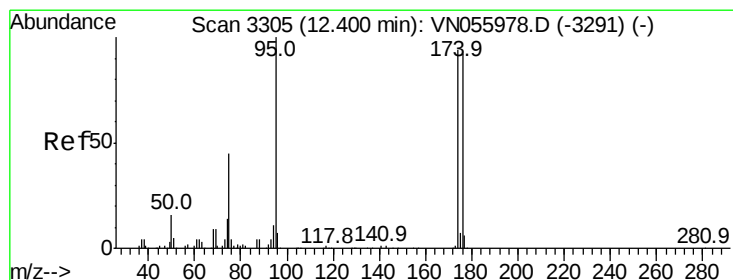
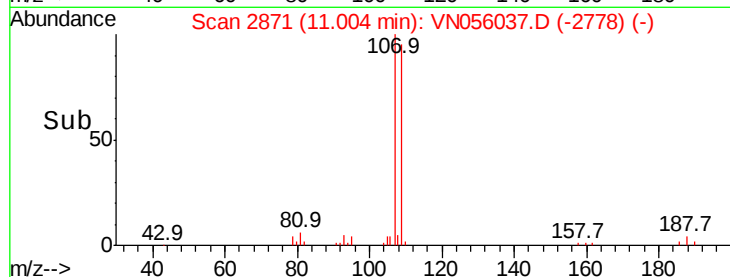
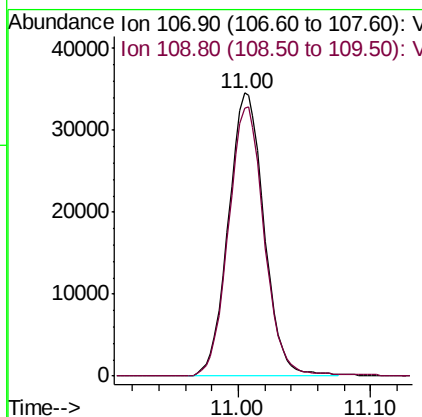
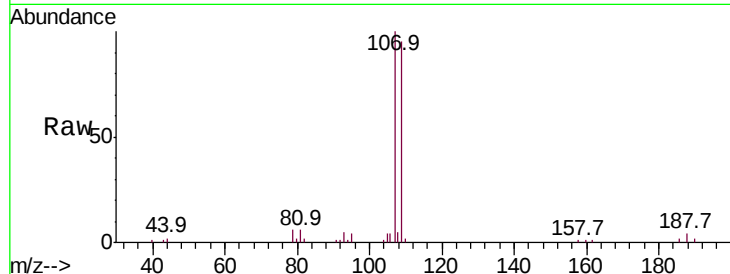




#61
 1,2-Dibromoethane
 Concen: 21.283 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

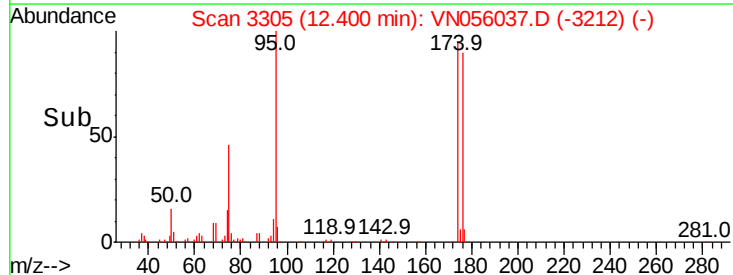
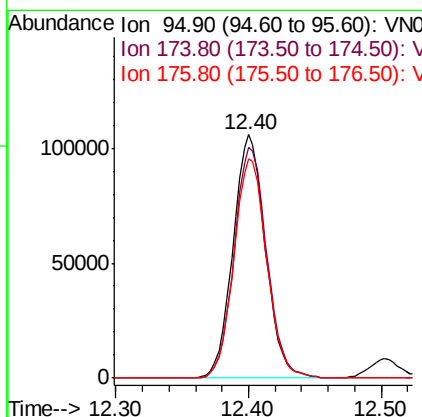
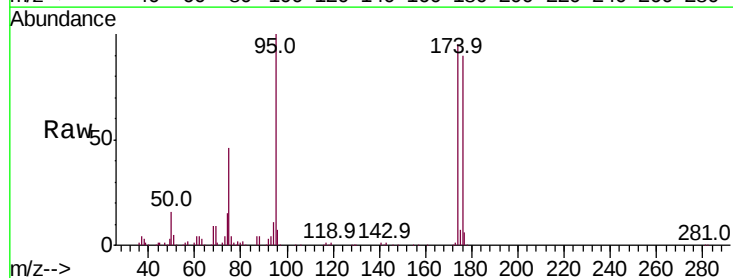
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

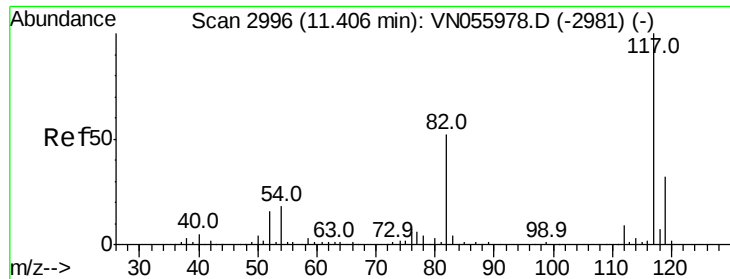
Tot Ion:107 Resp: 64456
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.499 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Tgt Ion: 95 Resp: 179200
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 191.0
 176 91.5 0.0 185.2

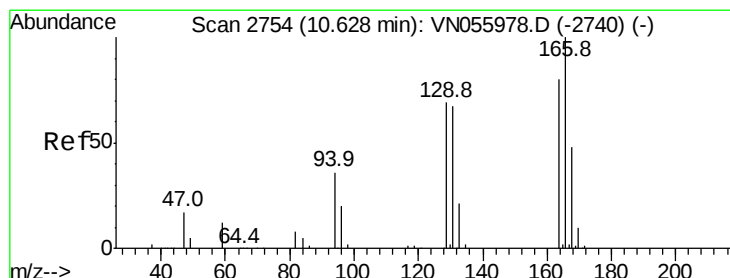
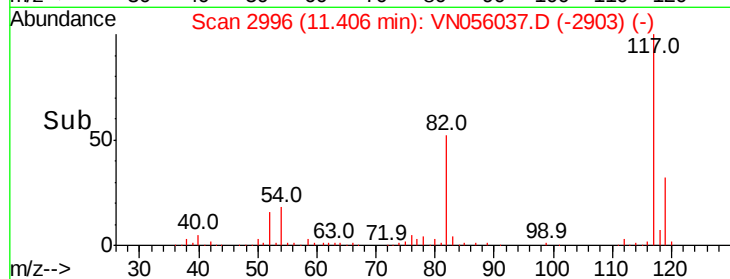
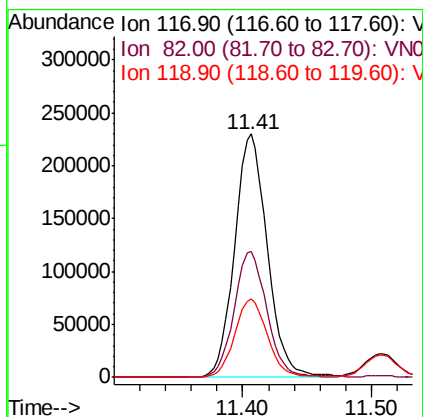
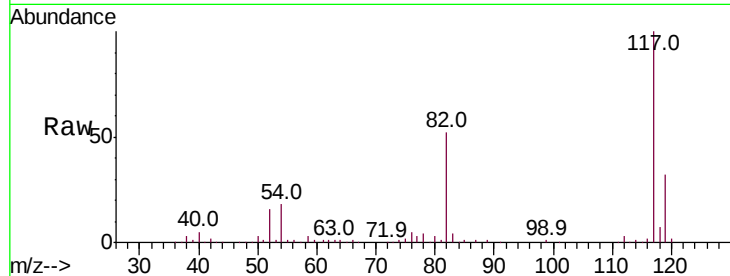




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

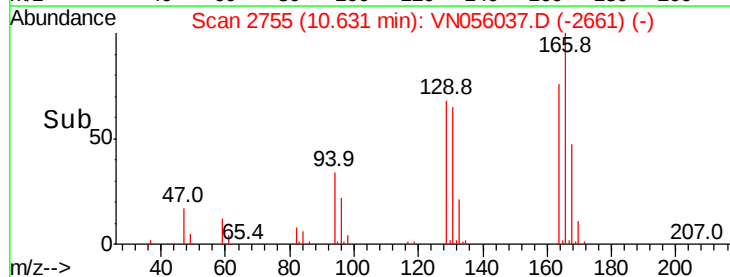
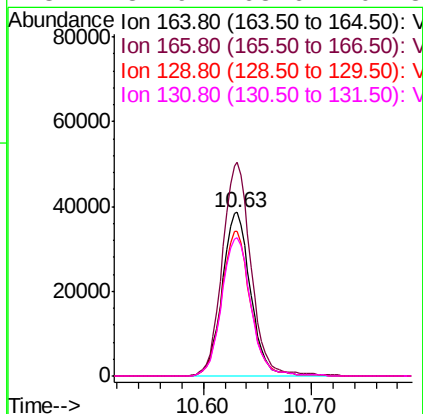
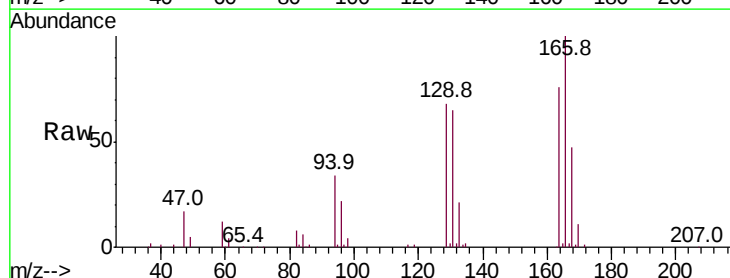
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBS01

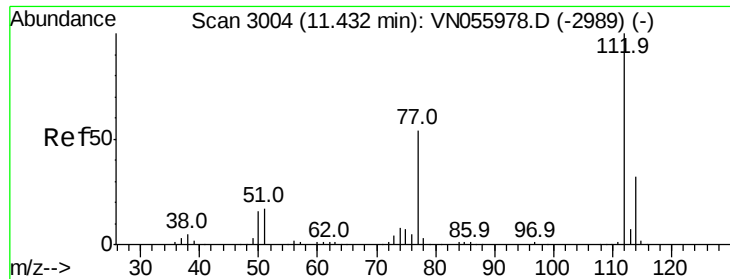
Tot Ion:117 Resp: 405605
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 20.102 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion:164 Resp: 70577
Ion Ratio Lower Upper
164 100
166 130.9 103.0 154.6
129 88.9 70.6 105.8
131 84.9 68.6 102.8

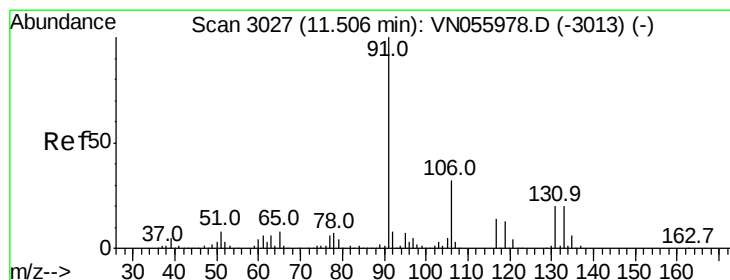
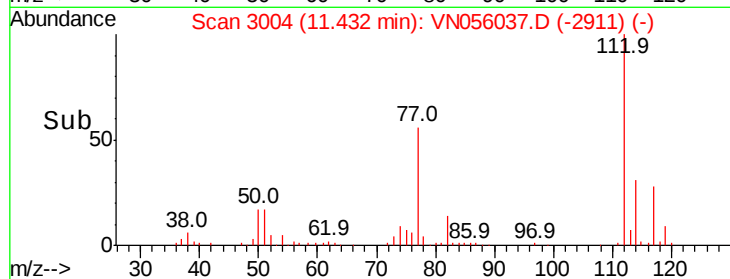
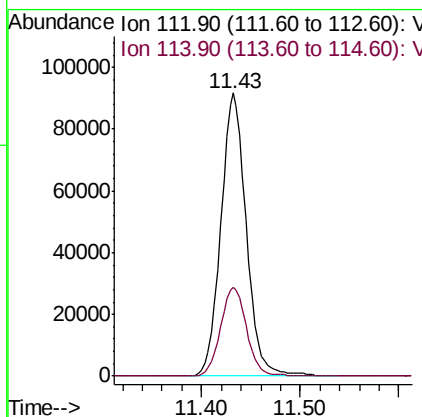
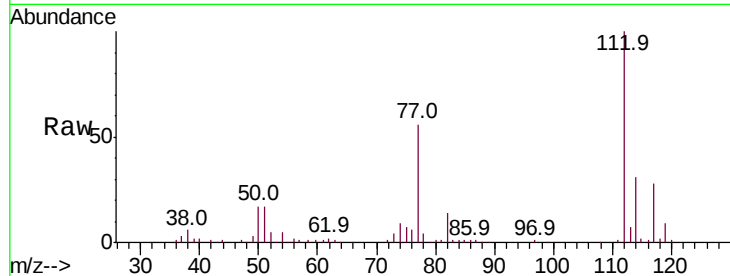




#65
Chlorobenzene
Concen: 20.525 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

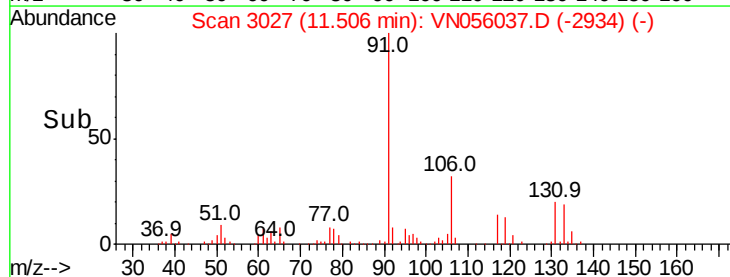
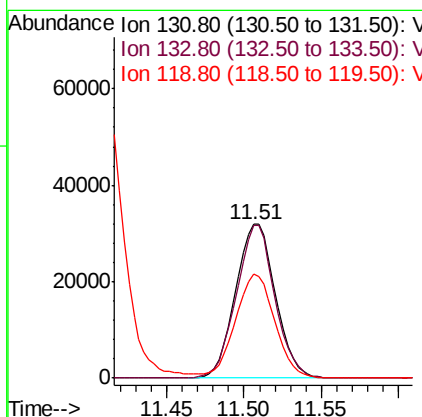
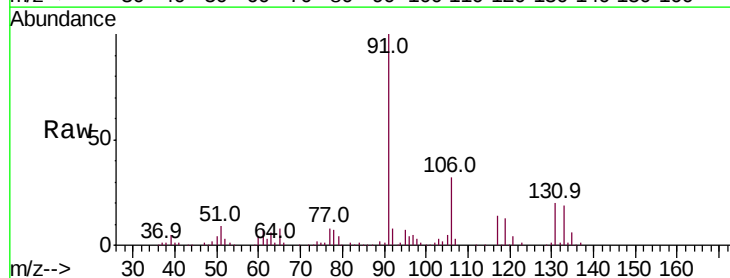
Instrument :
MSVOA_N
ClientSampled :
VN0607WBS01

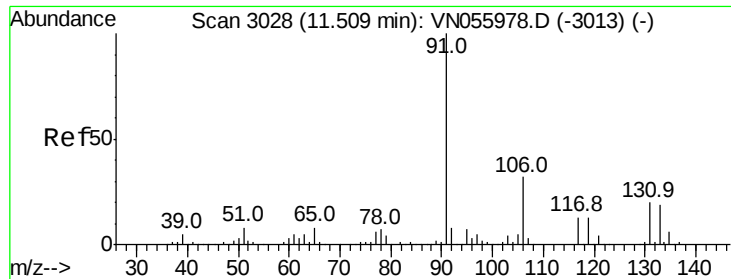
Tot Ion:112 Resp: 165686
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.504 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion:131 Resp: 57150
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 67.1 33.1 99.5

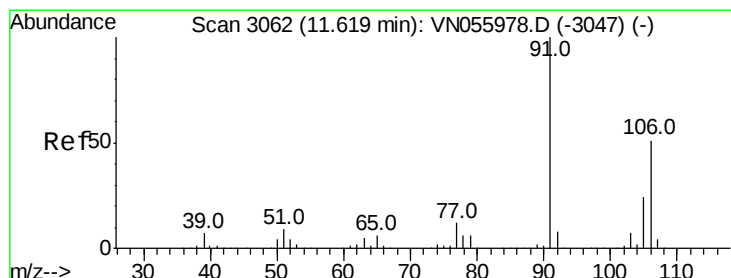
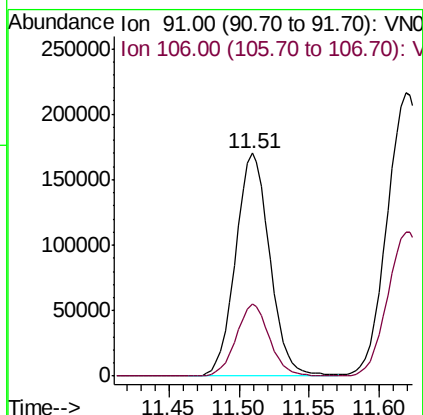
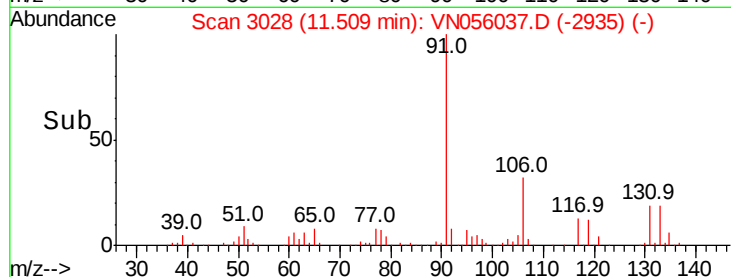
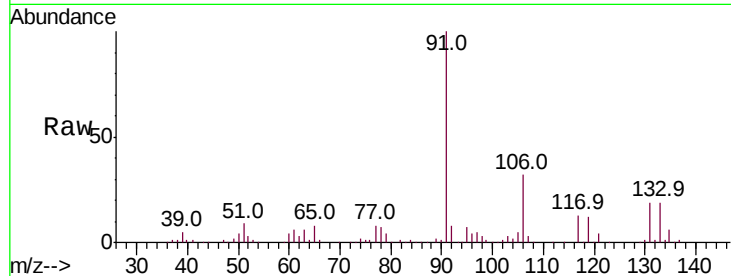




#67
Ethyl Benzene
Concen: 20.634 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

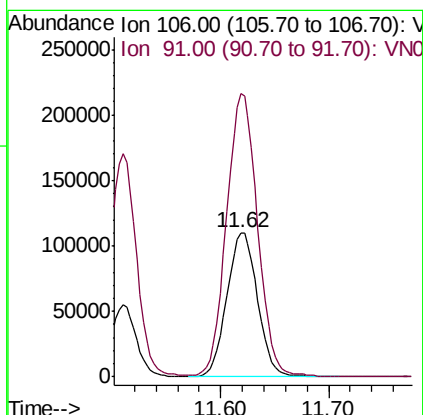
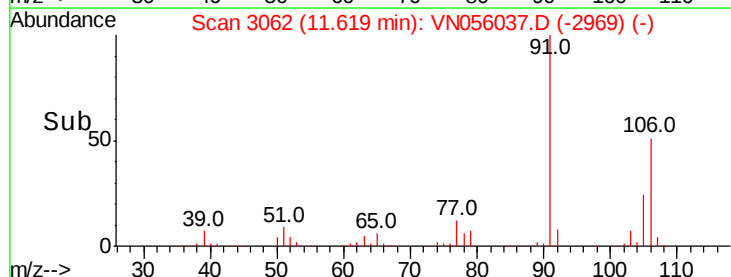
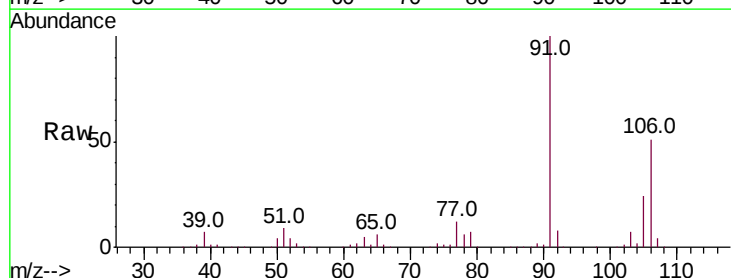
Instrument :
MSVOA_N
ClientSampled :
VN0607WBS01

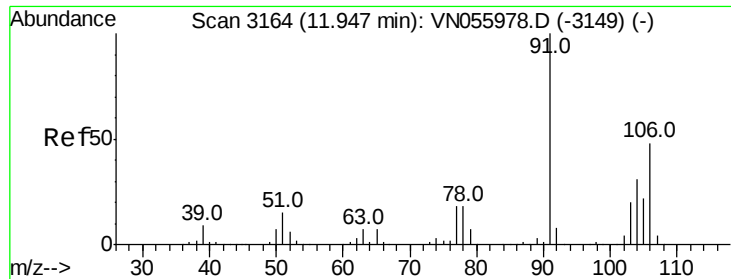
Tot Ion: 91 Resp: 289632
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 40.738 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 106 Resp: 218443
Ion Ratio Lower Upper
106 100
91 199.1 159.3 238.9

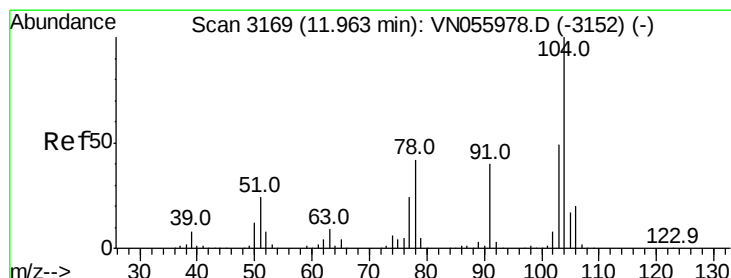
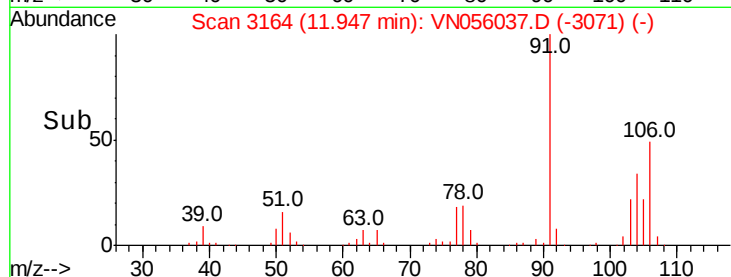
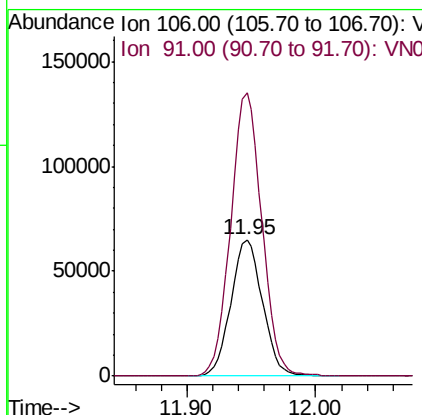
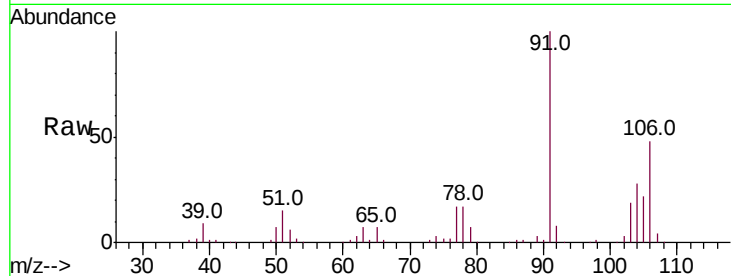




#69
o-Xylene
Concen: 21.017 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

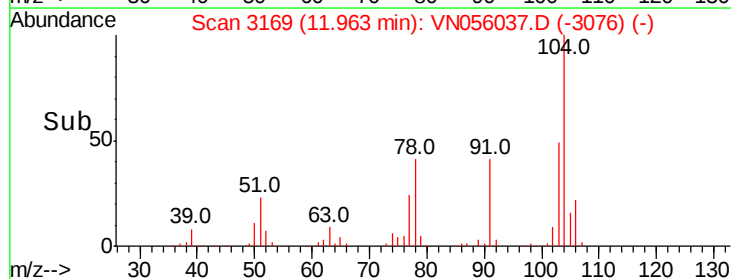
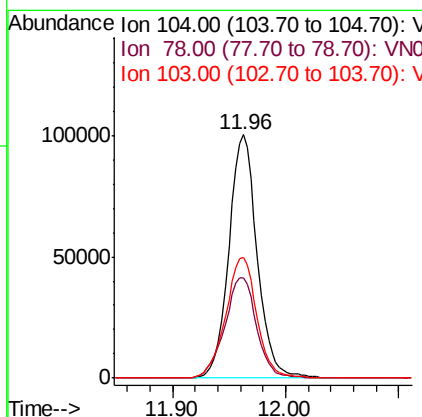
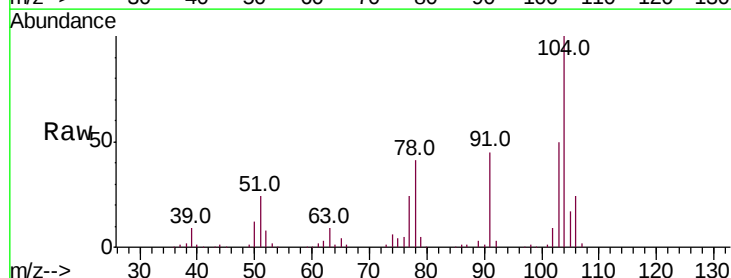
Instrument :
MSVOA_N
ClientSampled :
VN0607WBS01

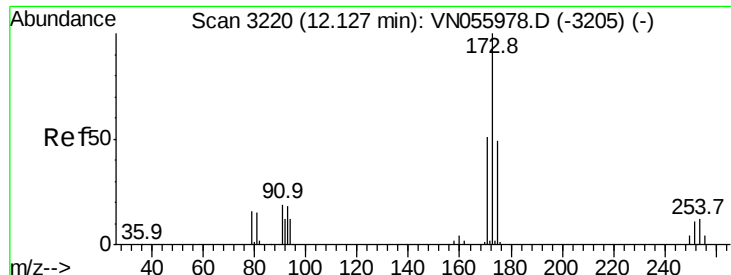
Tot Ion:106 Resp: 110853
Ion Ratio Lower Upper
106 100
91 204.5 104.7 314.1



#70
Styrene
Concen: 20.794 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion:104 Resp: 174266
Ion Ratio Lower Upper
104 100
78 46.4 37.8 56.6
103 54.6 44.2 66.2





#71

Bromoform

Concen: 18.320 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

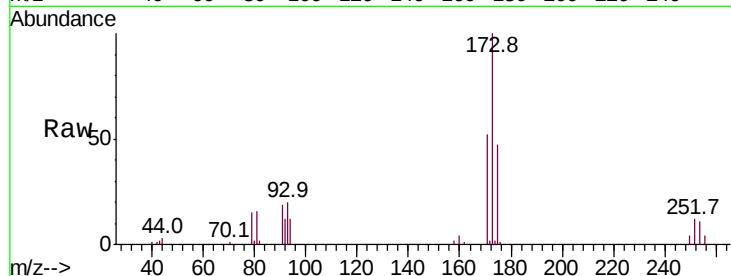
Tot Ion:173 Resp: 38569

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

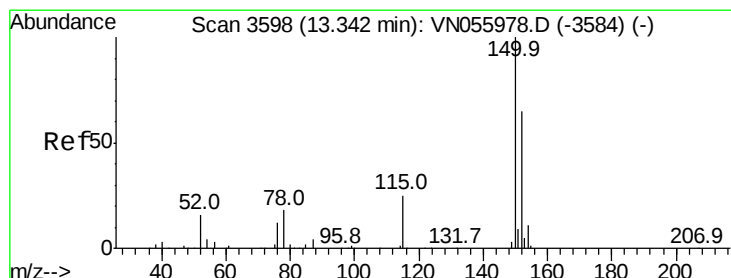
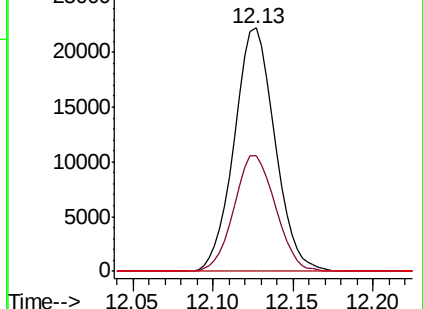
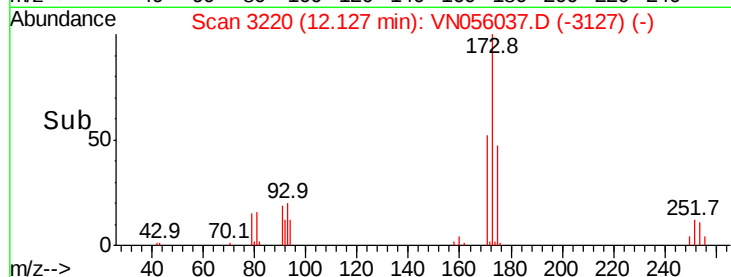
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

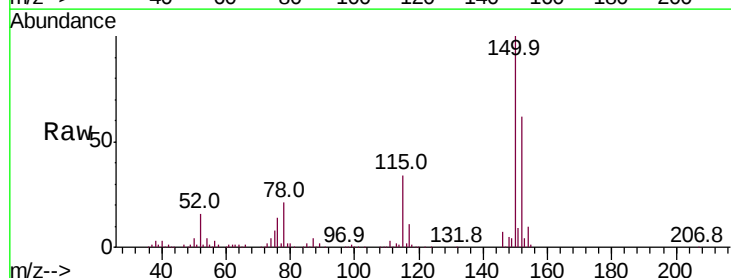
Tgt Ion:152 Resp: 162440

Ion Ratio Lower Upper

152 100

115 53.7 27.0 81.0

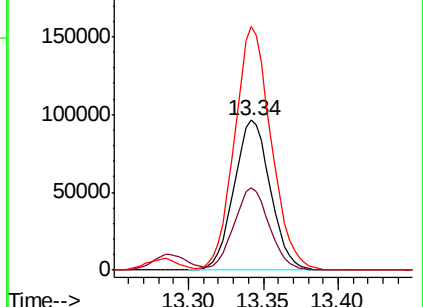
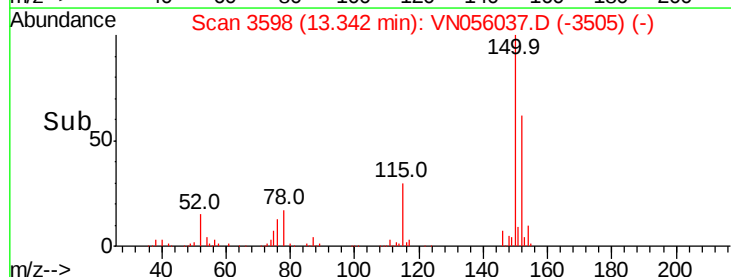
150 164.3 0.0 343.2

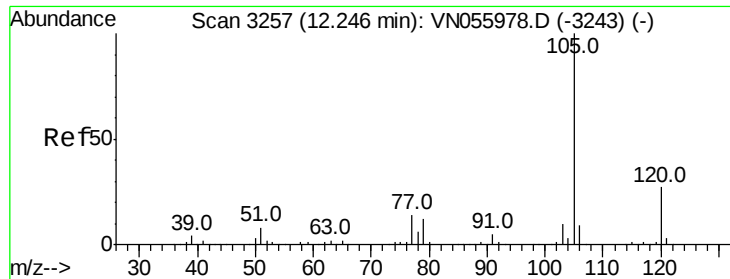


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.564 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

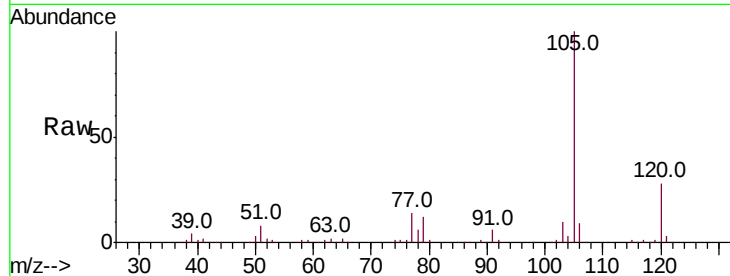
VN0607WBS01

Tot Ion:105 Resp: 287662

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

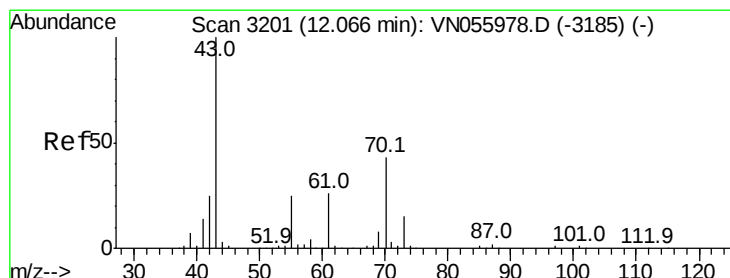
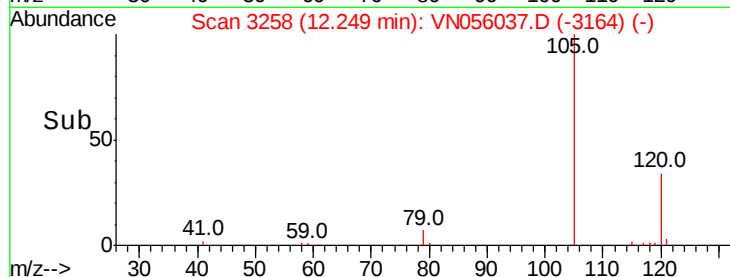
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 22.152 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Tgt Ion: 43 Resp: 95920

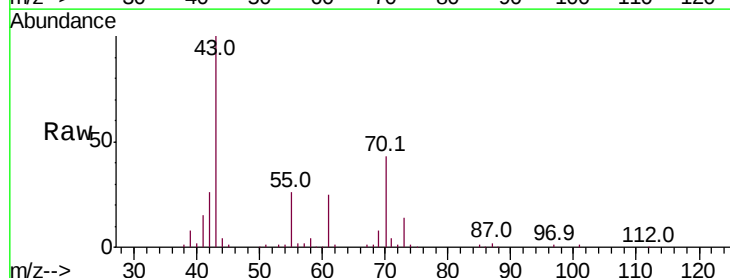
Ion Ratio Lower Upper

43 100

70 43.7 34.0 51.0

55 25.7 18.6 28.0

61 24.7 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

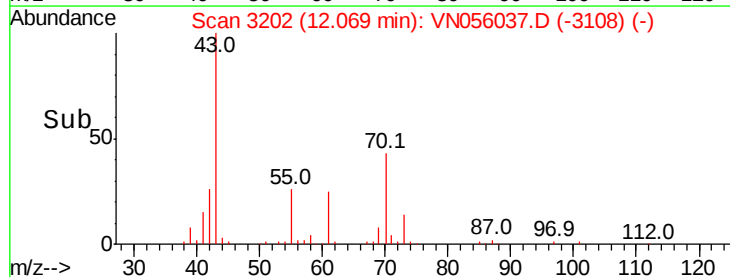
40000

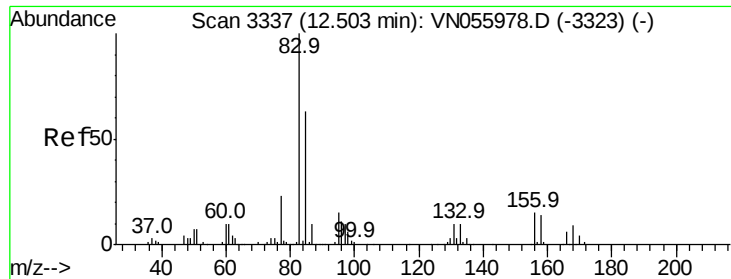
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.048 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

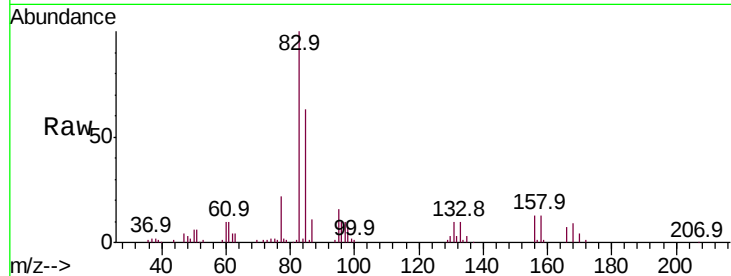
Tot Ion: 83 Resp: 86911

Ion Ratio Lower Upper

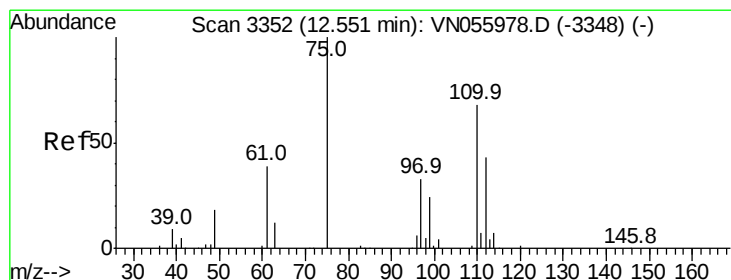
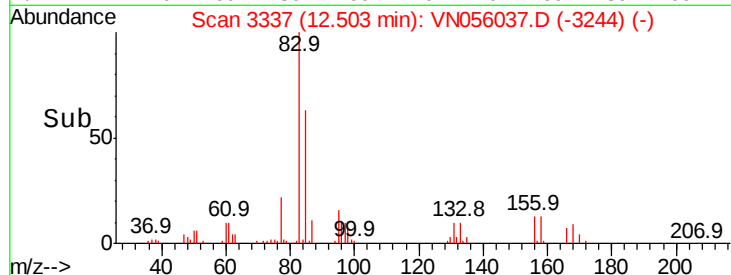
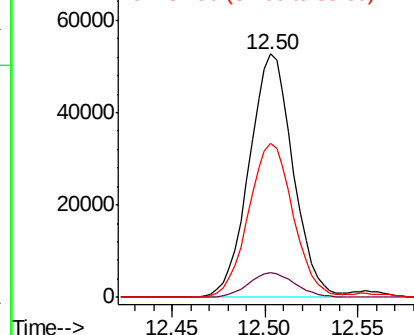
83 100

131 10.8 5.4 16.2

85 64.4 32.4 97.0



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



#76

1,2,3-Trichloropropane

Concen: 32.795 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056037.D

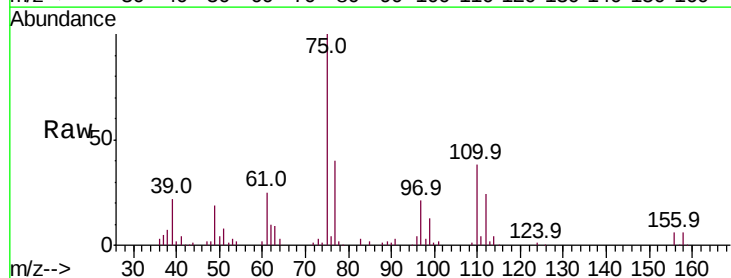
Acq: 6 Jun 2019 11:34

Tgt Ion: 75 Resp: 98023

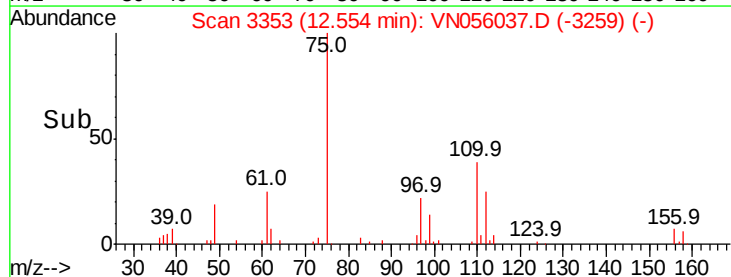
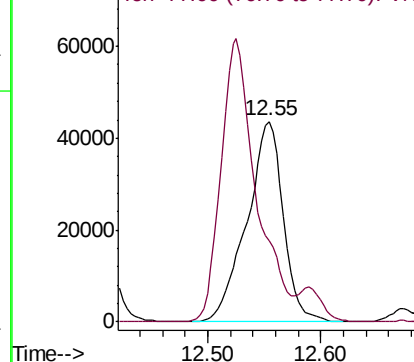
Ion Ratio Lower Upper

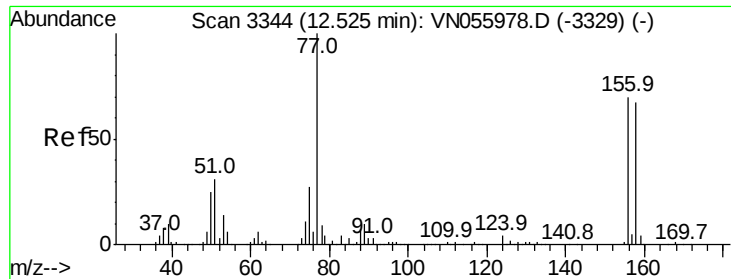
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 21.519 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

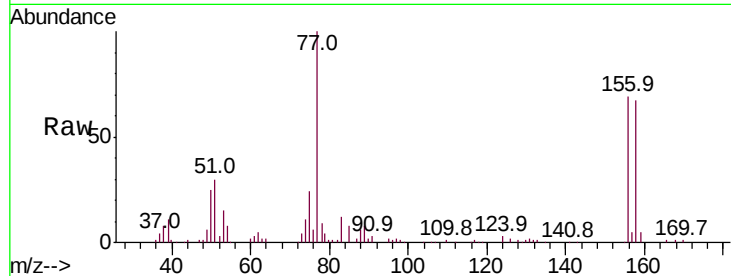
Tot Ion:156 Resp: 74840

Ion Ratio Lower Upper

156 100

77 178.0 90.8 272.5

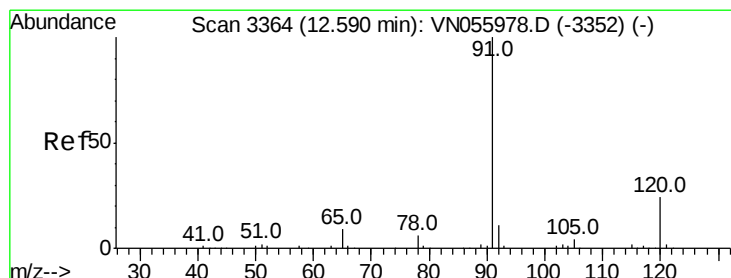
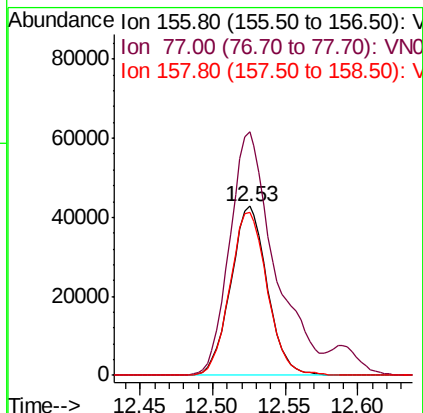
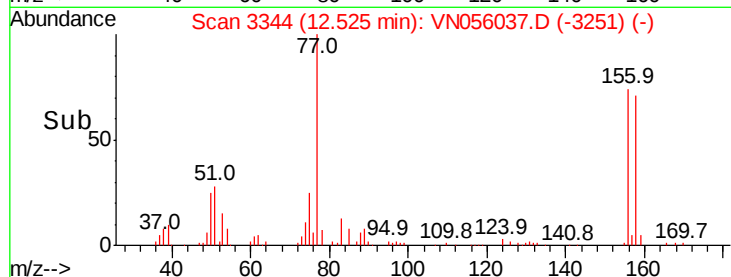
158 98.4 49.3 147.8



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: 21.377 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056037.D

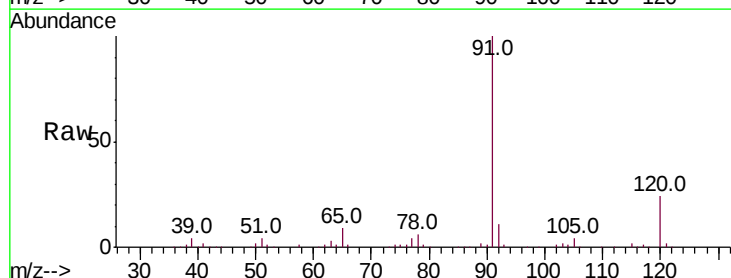
Acq: 6 Jun 2019 11:34

Tgt Ion: 91 Resp: 293767

Ion Ratio Lower Upper

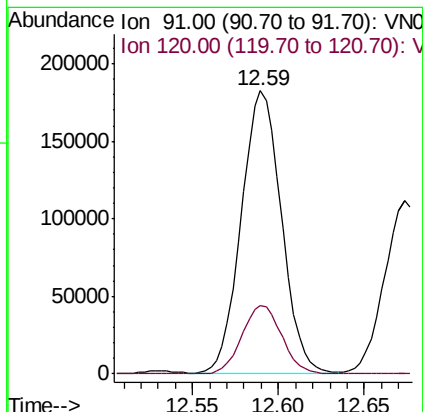
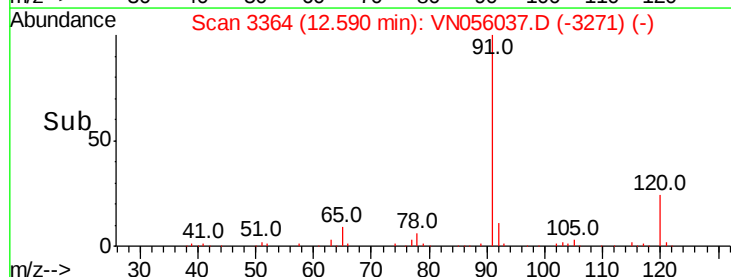
91 100

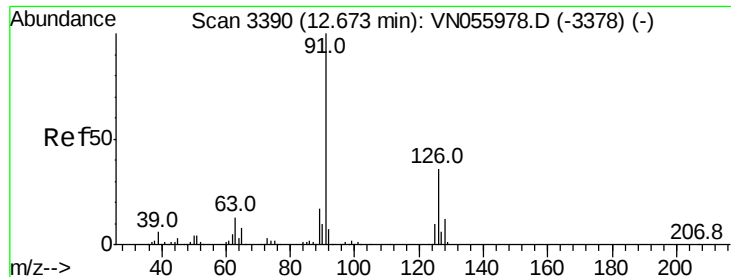
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.942 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampled :

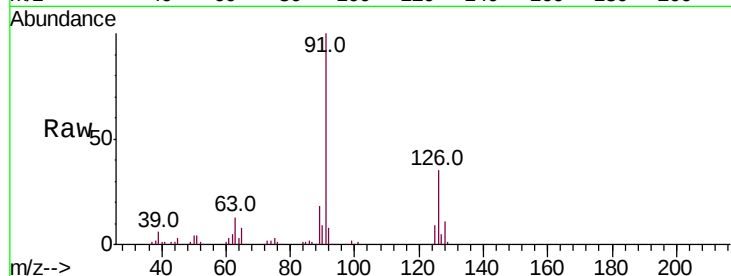
VN0607WBS01

Tot Ion: 91 Resp: 184453

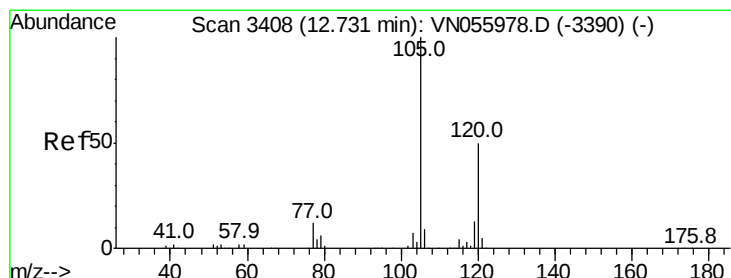
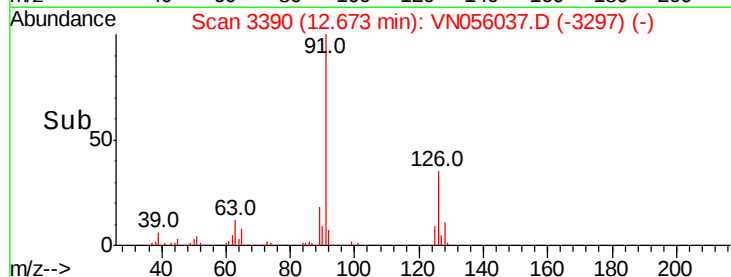
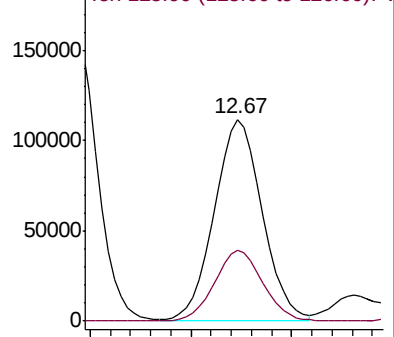
Ion Ratio Lower Upper

91 100

126 35.6 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.304 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056037.D

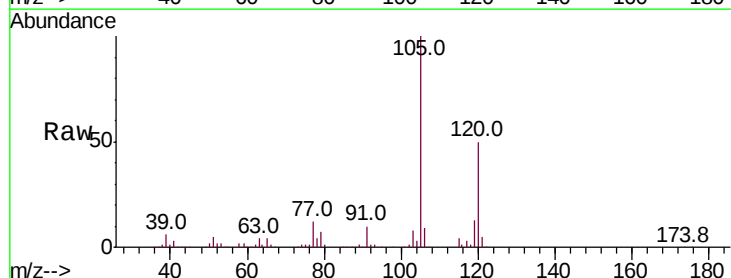
Acq: 6 Jun 2019 11:34

Tgt Ion:105 Resp: 232680

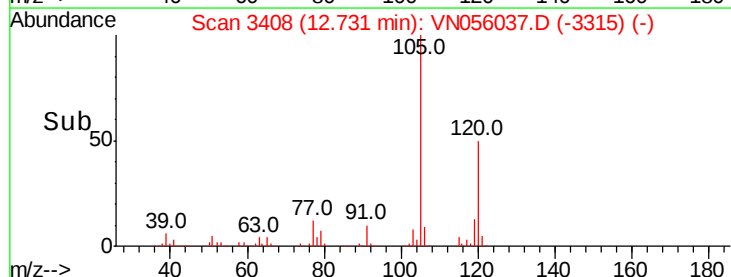
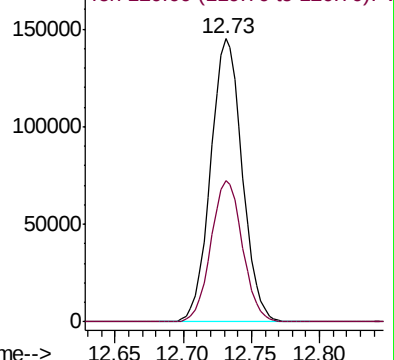
Ion Ratio Lower Upper

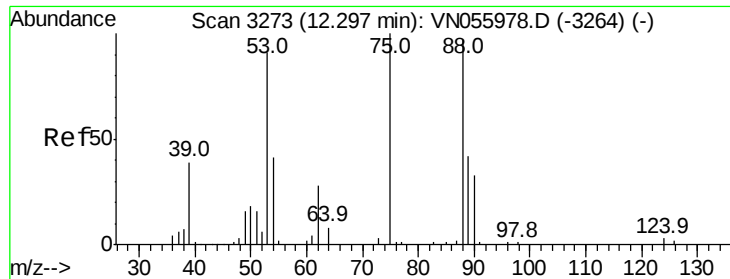
105 100

120 49.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.946 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

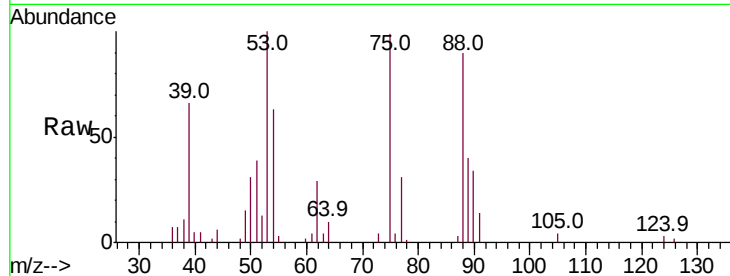
Tot Ion: 75 Resp: 17902

Ion Ratio Lower Upper

75 100

53 106.9 68.1 102.1#

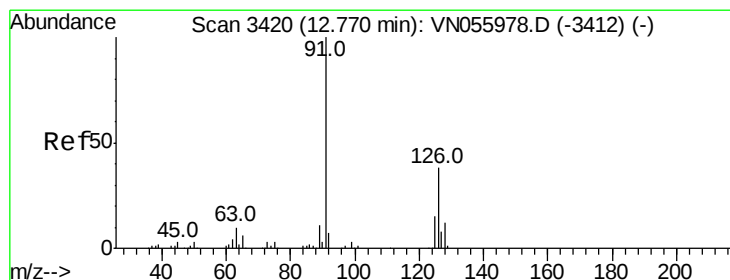
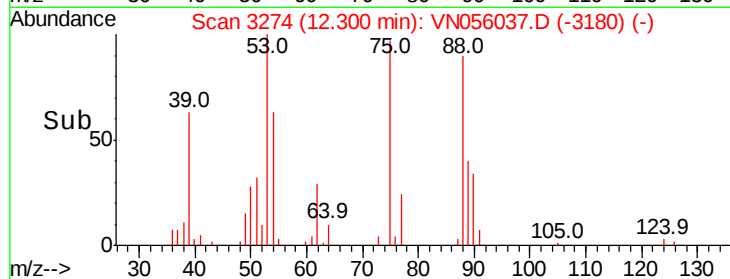
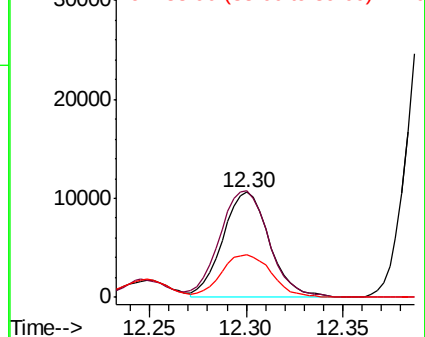
89 43.4 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 21.328 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056037.D

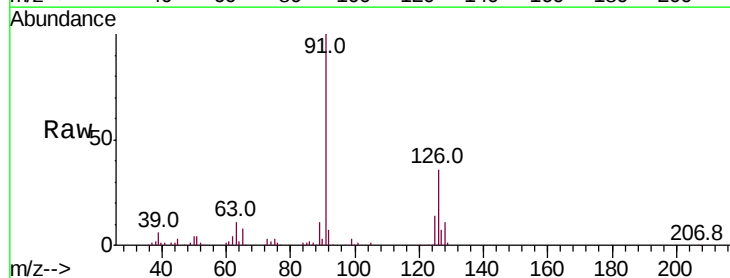
Acq: 6 Jun 2019 11:34

Tgt Ion: 91 Resp: 171474

Ion Ratio Lower Upper

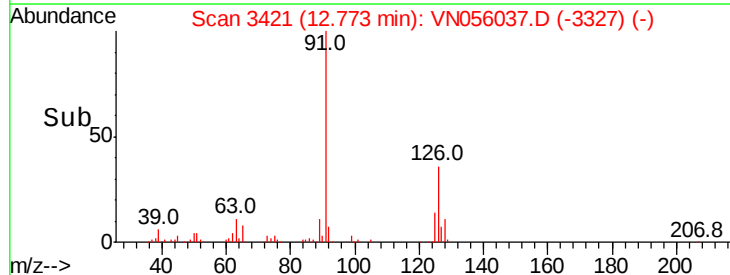
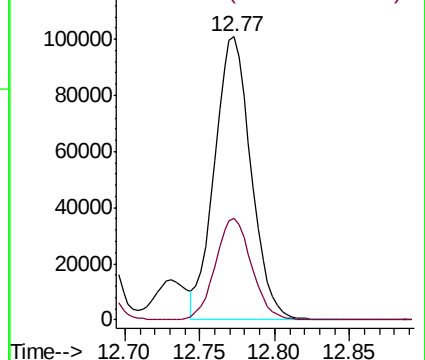
91 100

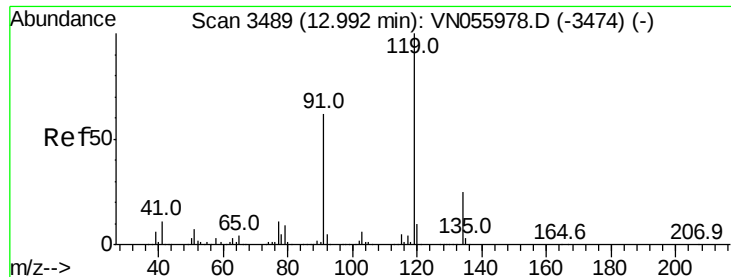
126 35.7 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

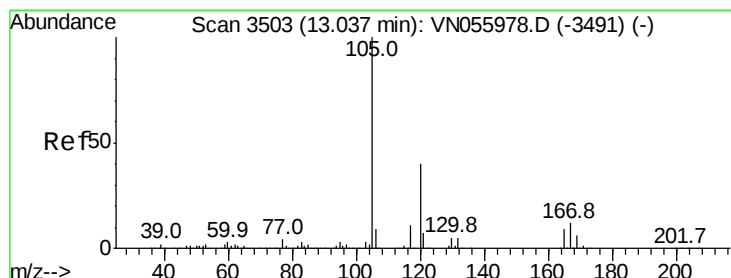
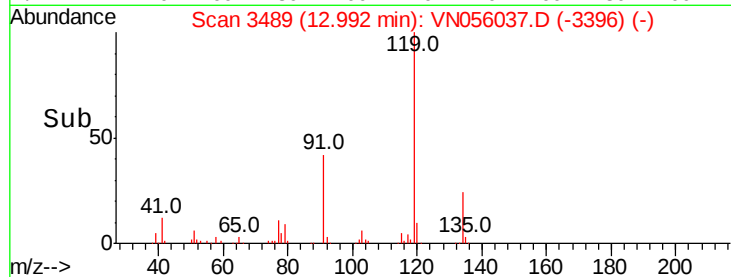
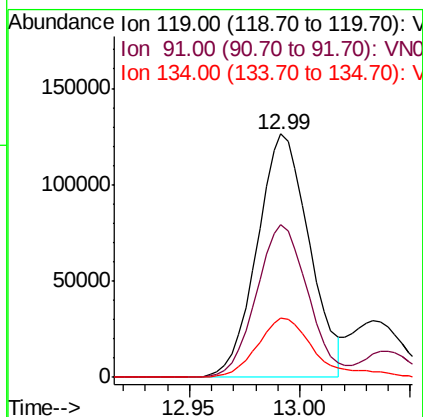
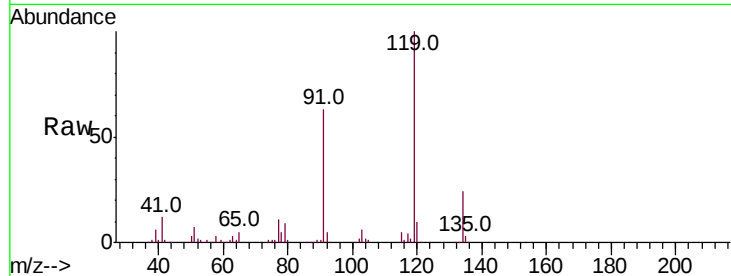




#83
tert-Butylbenzene
Concen: 22.980 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

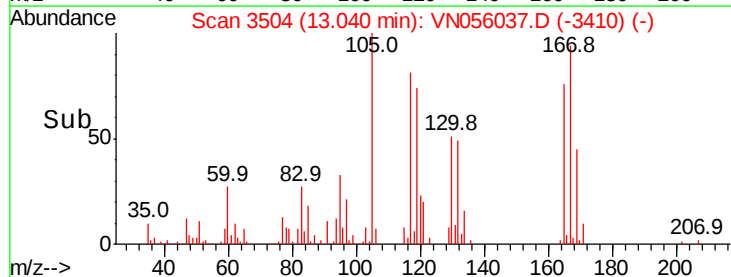
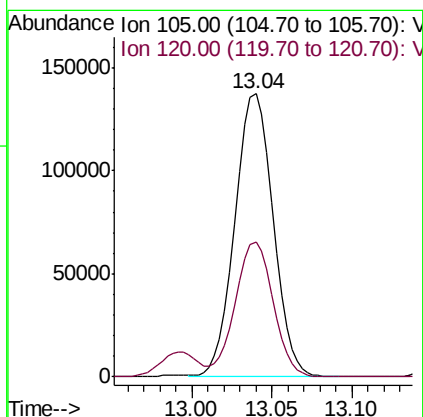
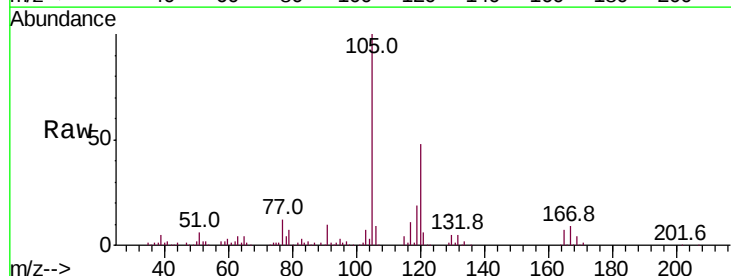
Instrument :
MSVOA_N
ClientSampled :
VN0607WBS01

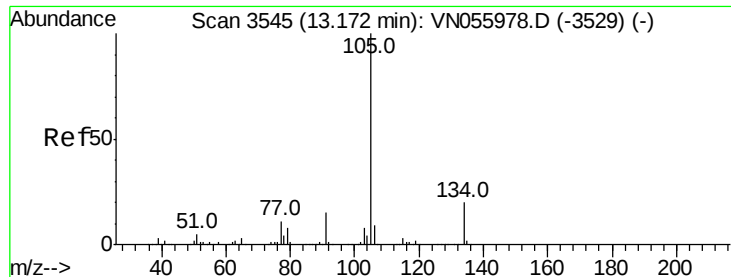
Tot Ion:119 Resp: 207231
Ion Ratio Lower Upper
119 100
91 61.9 30.9 92.8
134 26.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 21.538 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion:105 Resp: 223073
Ion Ratio Lower Upper
105 100
120 47.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.631 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

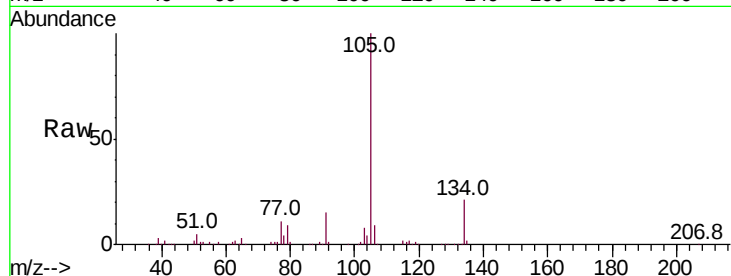
VN0607WBS01

Tot Ion:105 Resp: 263256

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

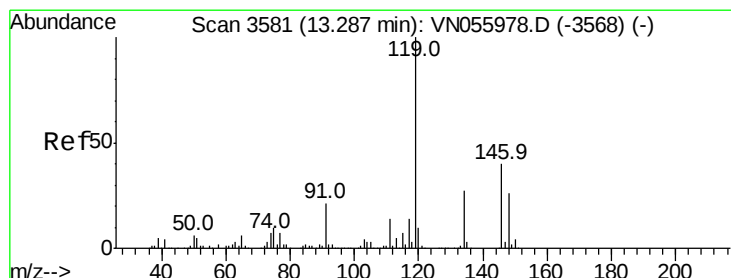
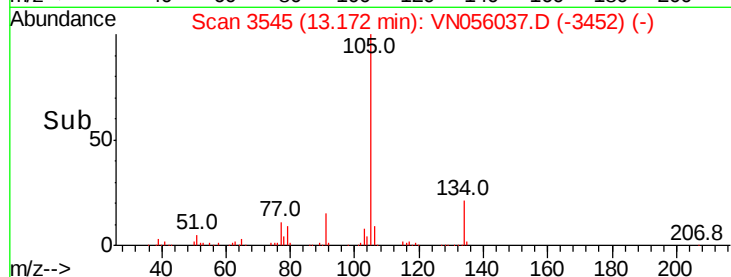
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.275 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

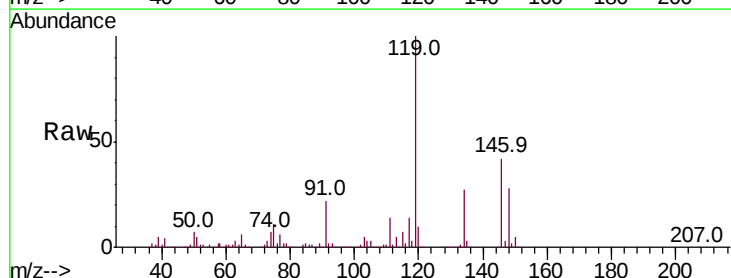
Tgt Ion:119 Resp: 231723

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 21.4 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

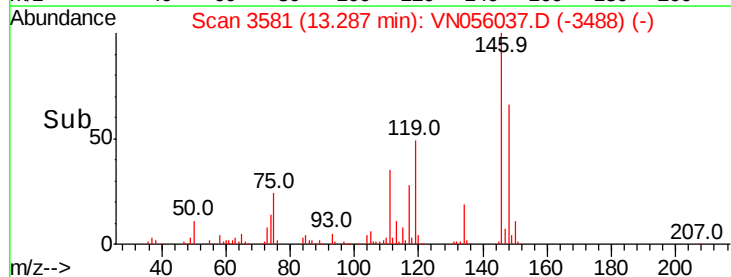
150000

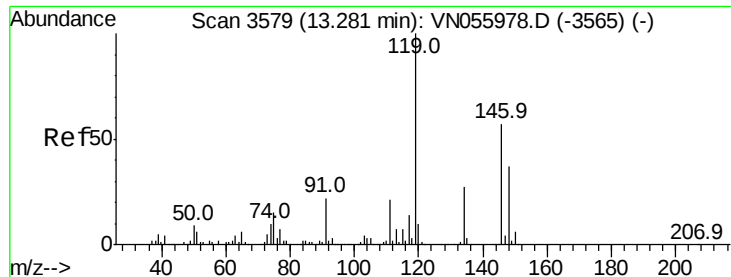
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.095 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

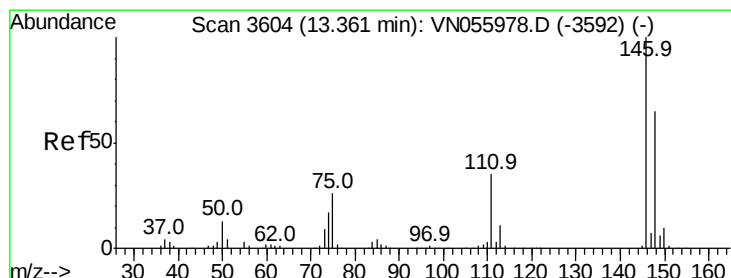
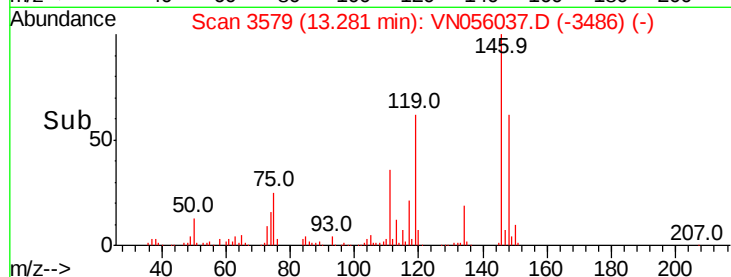
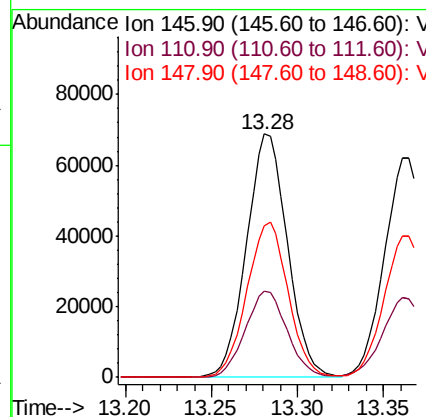
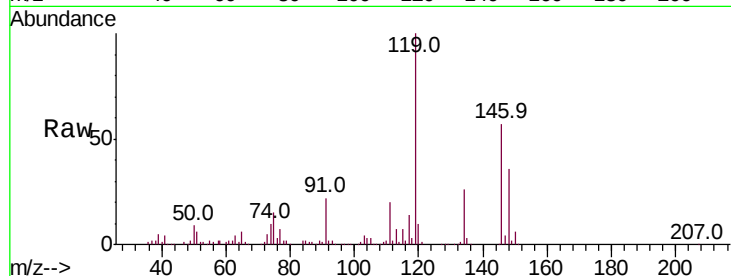
Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0607WBS01

Tot Ion:146 Resp: 113546

Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.5	55.5
148	64.2	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 20.335 ug/l

RT: 13.36 min Scan# 3604

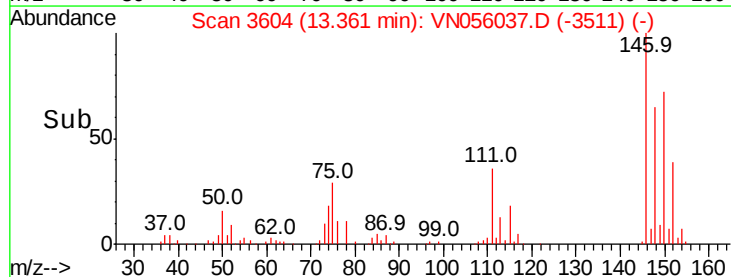
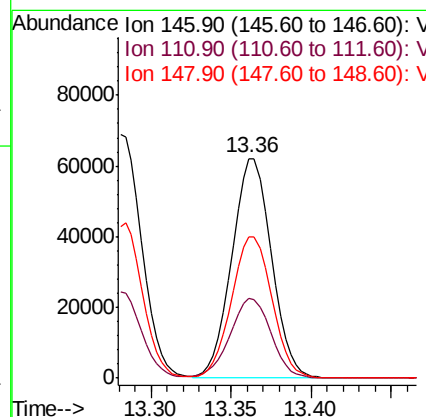
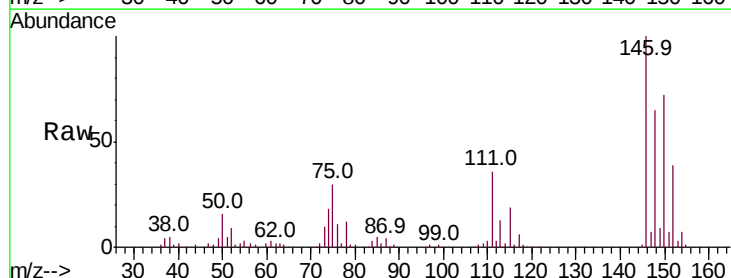
Delta R.T. -0.00 min

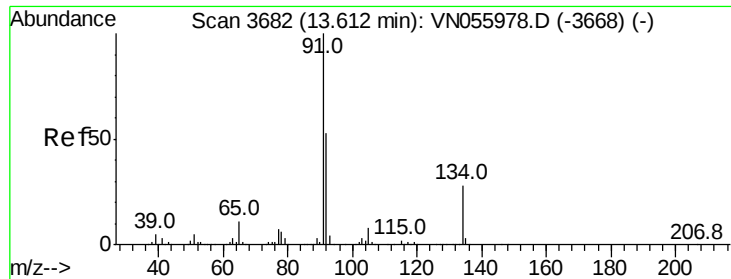
Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Tgt Ion:146 Resp: 105291

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.4
148	65.7	32.1	96.5

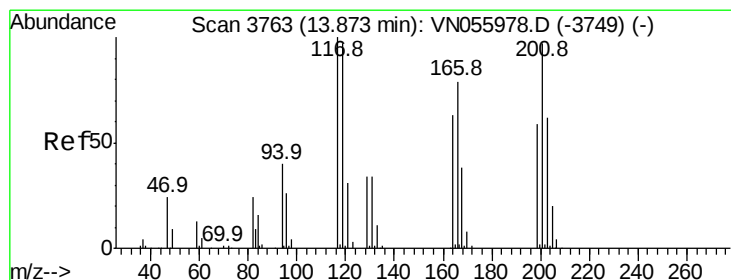
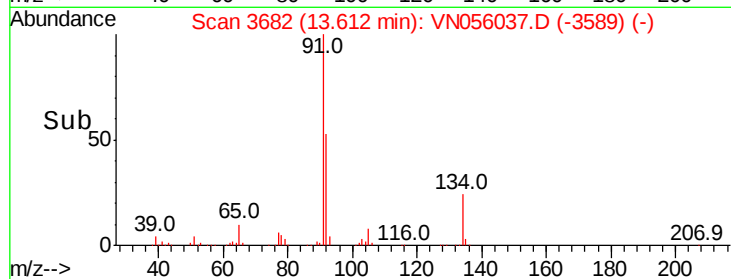
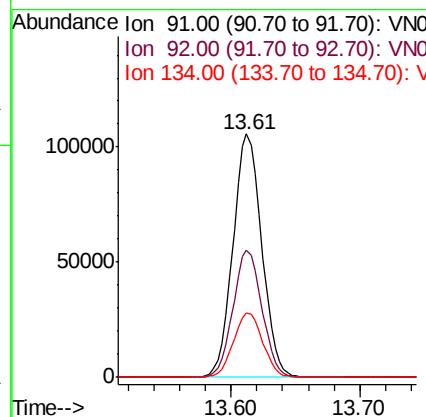
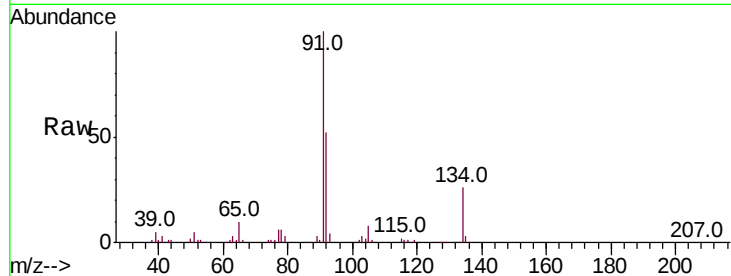




#89
n-Butylbenzene
Concen: 20.293 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

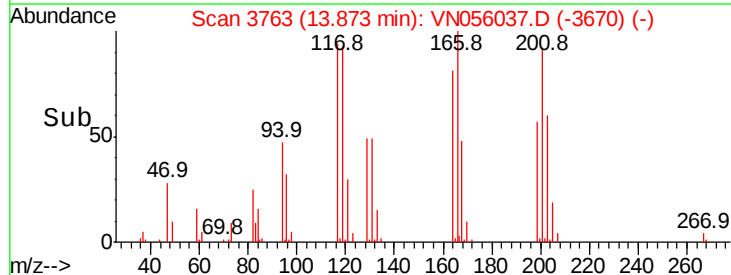
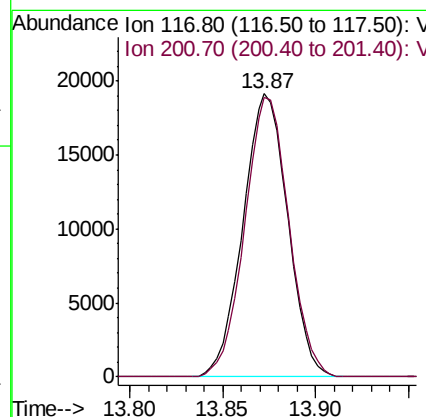
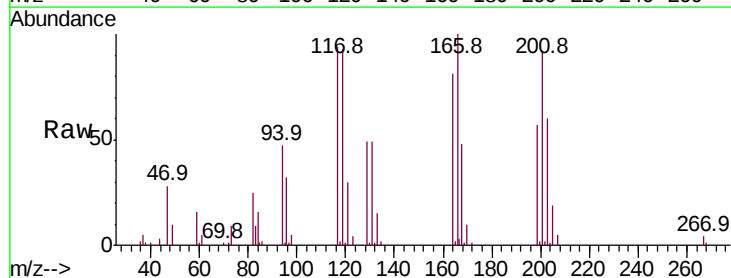
Instrument :
MSVOA_N
ClientSampled :
VN0607WBS01

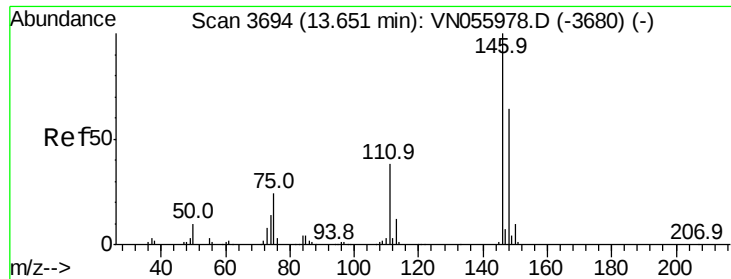
Tot Ion: 91 Resp: 163732
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 26.9 13.9 41.7



#90
Hexachloroethane
Concen: 19.564 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056037.D
Acq: 6 Jun 2019 11:34

Tgt Ion: 117 Resp: 32136
Ion Ratio Lower Upper
117 100
201 97.5 50.0 150.0

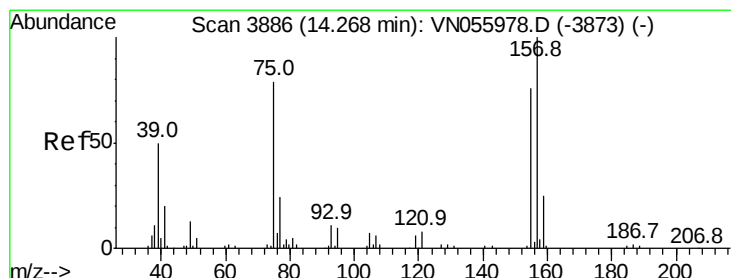
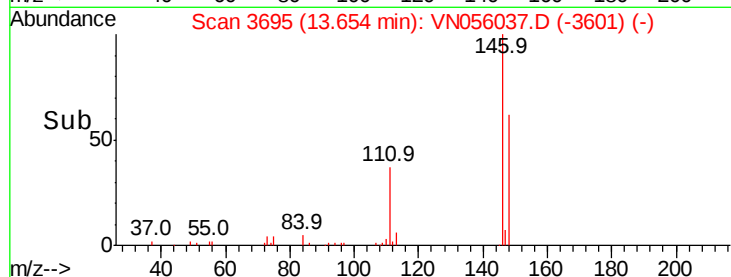
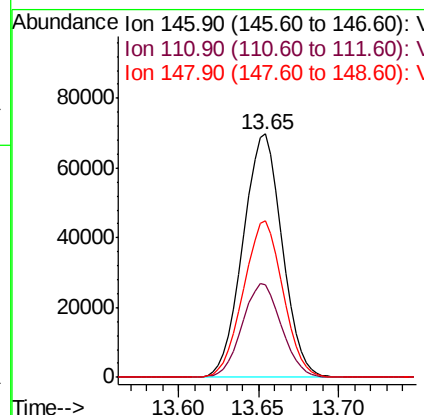
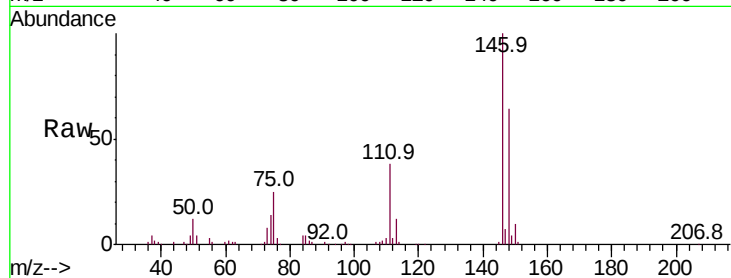




#91
 1,2-Dichlorobenzene
 Concen: 21.506 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

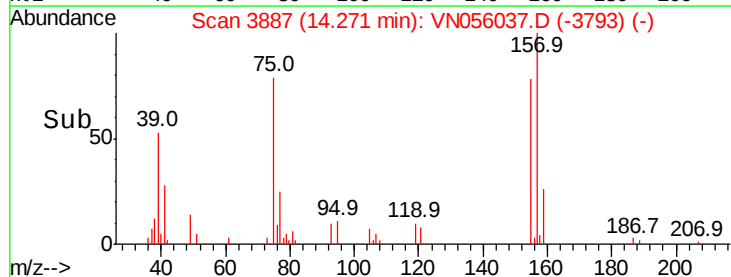
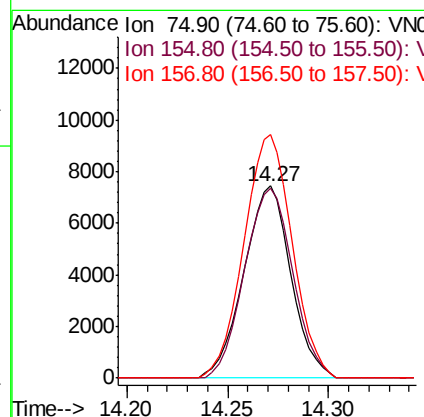
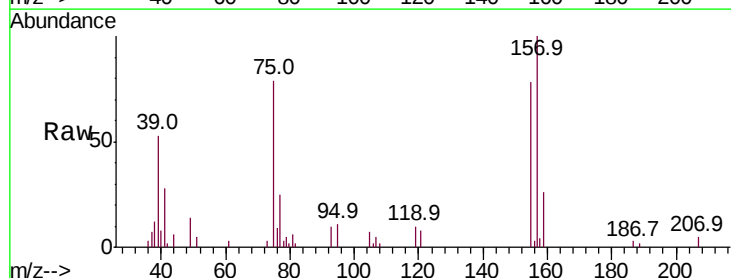
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

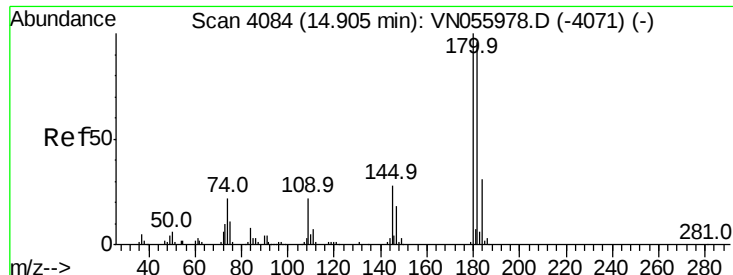
Tot Ion:146 Resp: 116870
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.5
 148 64.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.579 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Tgt Ion: 75 Resp: 12178
 Ion Ratio Lower Upper
 75 100
 155 101.2 50.0 150.1
 157 129.7 64.8 194.3

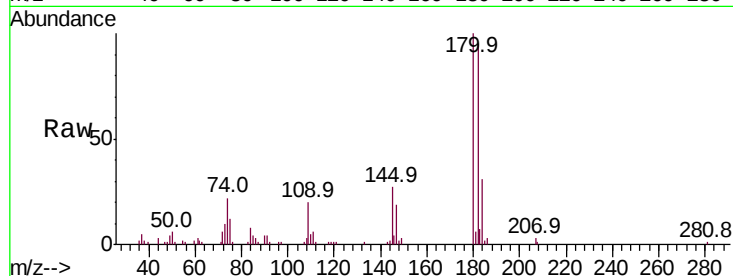




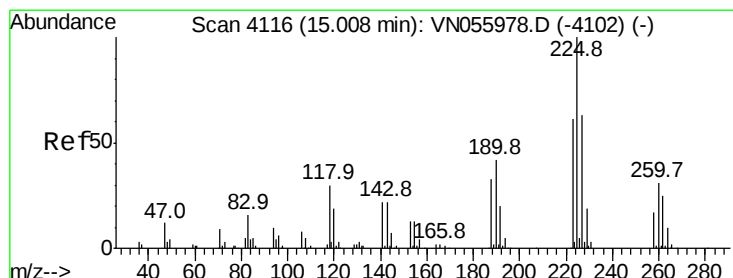
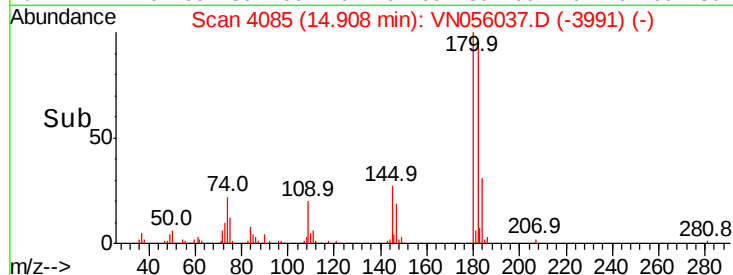
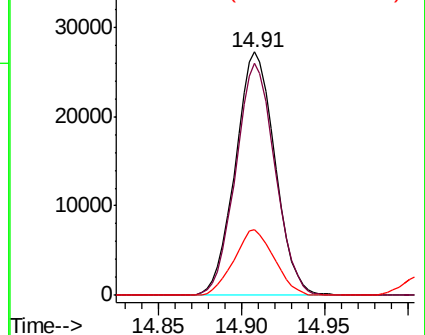
#93
 1,2,4-Trichlorobenzene
 Concen: 18.086 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

Tot Ion:180 Resp: 45238
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.3 144.9
 145 27.3 14.0 41.9

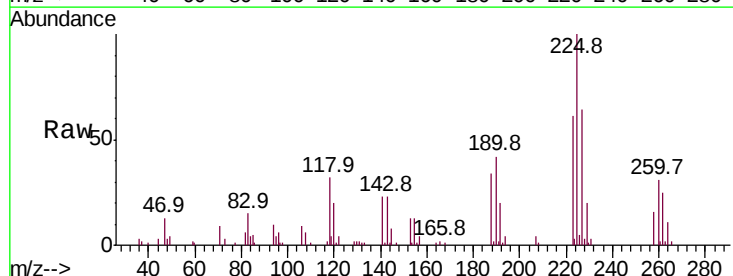


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

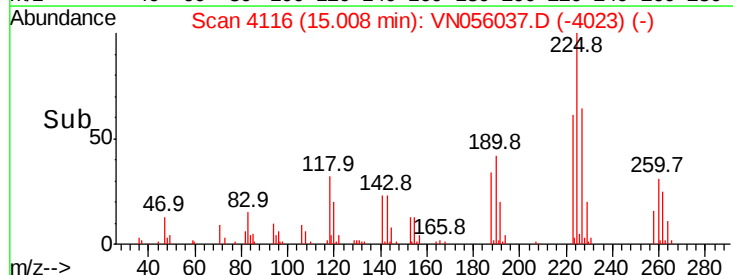
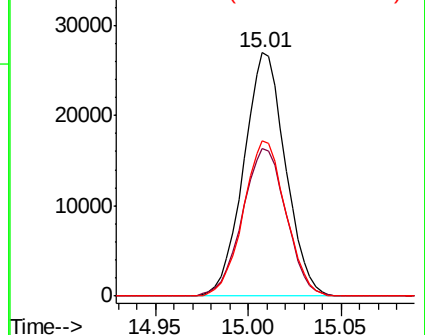


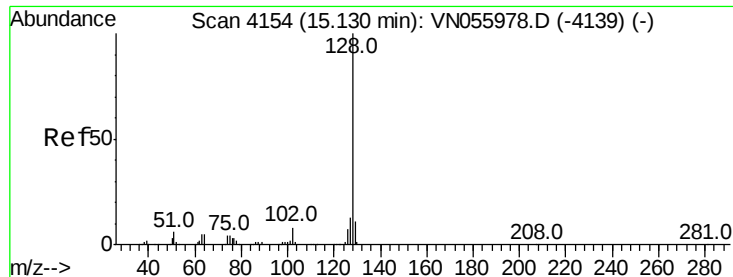
#94
 Hexachlorobutadiene
 Concen: 21.417 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056037.D
 Acq: 6 Jun 2019 11:34

Tgt Ion:225 Resp: 42141
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.9 92.7
 227 64.6 31.6 94.7



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





#95

Naphthalene

Concen: 18.644 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBS01

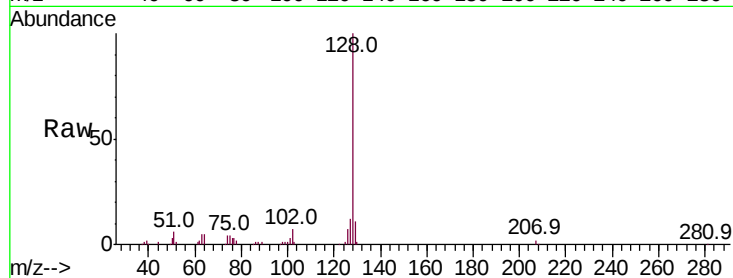
Tot Ion:128 Resp: 124521

Ion Ratio Lower Upper

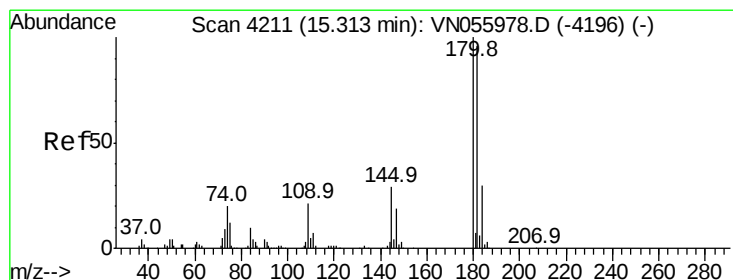
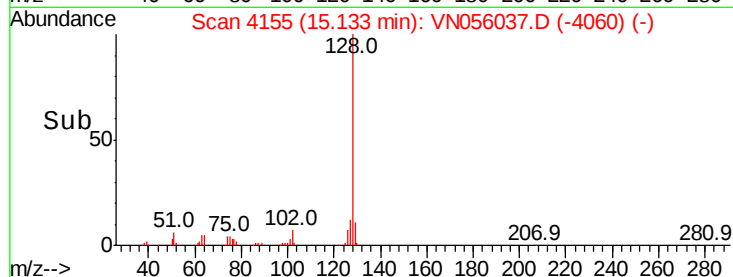
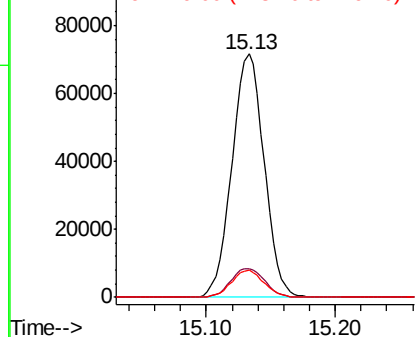
128 100

127 12.3 10.3 15.5

129 11.2 8.7 13.1



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: 19.009 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056037.D

Acq: 6 Jun 2019 11:34

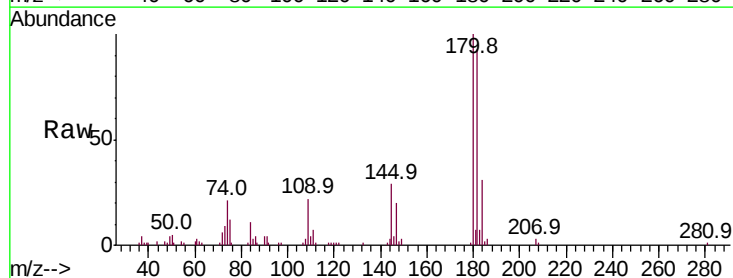
Tgt Ion:180 Resp: 51909

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 29.3 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

