

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055830.D
 Acq On : 25 May 2019 6:19
 Operator : JC/SP
 Sample : K3037-08MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

Quant Time: May 26 22:49:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	347570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	509479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	182494	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.59	113	166341	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.09	98	626213	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.40	95	217816	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	110867	47.396	ug/l	100
3) Chloromethane	2.06	50	159182	48.569	ug/l	99
4) Vinyl Chloride	2.19	62	167141	47.814	ug/l	98
5) Bromomethane	2.54	94	115892	52.993	ug/l	99
6) Chloroethane	2.69	64	106930	50.807	ug/l	100
7) Trichlorofluoromethane	3.01	101	224510	48.988	ug/l	99
8) Diethyl Ether	3.40	74	99292	48.339	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	138762	48.504	ug/l	98
10) Methyl Iodide	3.94	142	216034	51.651	ug/l	100
11) Tert butyl alcohol	4.81	59	147175	214.597	ug/l	99
12) 1,1-Dichloroethene	3.72	96	145261	49.142	ug/l	98
13) Acrolein	3.60	56	97601	198.749	ug/l	97
14) Allyl chloride	4.31	41	226093	44.617	ug/l	100
15) Acrylonitrile	4.99	53	387637	246.147	ug/l	100
16) Acetone	3.82	43	318596	201.920	ug/l	100
17) Carbon Disulfide	4.04	76	378661	45.088	ug/l	100
18) Methyl Acetate	4.33	43	123961	38.350	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	482406	48.932	ug/l	99
20) Methylene Chloride	4.55	84	169400	49.575	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	156262	49.205	ug/l	97
22) Diisopropyl ether	5.96	45	478305	48.529	ug/l	96
23) Vinyl Acetate	5.90	43	1529913	181.047	ug/l	100
24) 1,1-Dichloroethane	5.85	63	277805	48.411	ug/l	100
25) 2-Butanone	6.84	43	491925	223.240	ug/l	98
26) 2,2-Dichloropropane	6.82	77	136268	27.438	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	191785	51.764	ug/l	94
28) Bromochloromethane	7.19	49	139125	50.921	ug/l	97
29) Tetrahydrofuran	7.22	42	329177	235.892	ug/l	99
30) Chloroform	7.37	83	283680	49.570	ug/l	99
31) Cyclohexane	7.65	56	254542	47.246	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	249274	48.811	ug/l	99
36) 1,1-Dichloropropene	7.79	75	210058	47.312	ug/l	100
37) Ethyl Acetate	6.93	43	162445	37.856	ug/l	99
38) Carbon Tetrachloride	7.77	117	218827	47.316	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	254813	46.346	ug/l	98
40) Benzene	8.04	78	658826	49.236	ug/l	100
41) Methacrylonitrile	7.17	41	90881	41.921	ug/l	89
42) 1,2-Dichloroethane	8.12	62	212129	48.515	ug/l	100
43) Isopropyl Acetate	8.17	43	293882	40.761	ug/l #	91
44) Trichloroethene	8.83	130	187575	50.283	ug/l	98
45) 1,2-Dichloropropane	9.12	63	170760	48.980	ug/l	98
46) Dibromomethane	9.21	93	115225	50.396	ug/l	97
47) Bromodichloromethane	9.40	83	225687	48.139	ug/l	99
48) Methyl methacrylate	9.20	41	167182	50.313	ug/l	99
49) 1,4-Dioxane	9.20	88	65093	942.667	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1034223	242.879	ug/l	99
52) Toluene	10.16	92	424266	50.414	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	224324	44.826	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	249646	45.031	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	170954	50.707	ug/l	99
56) Ethyl methacrylate	10.43	69	260572	50.009	ug/l	99
57) 1,3-Dichloropropane	10.71	76	274283	50.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.73	63	1850	0.929	ug/l #	46
59) 2-Hexanone	10.75	43	722748	239.258	ug/l	100
60) Dibromochloromethane	10.90	129	194947	49.636	ug/l	100
61) 1,2-Dibromoethane	11.00	107	175132	50.081	ug/l	99
64) Tetrachloroethene	10.63	164	181907	47.663	ug/l	99
65) Chlorobenzene	11.43	112	460313	50.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	176984	48.986	ug/l	100
67) Ethyl Benzene	11.51	91	796888	49.055	ug/l	98
68) m/p-Xylenes	11.62	106	612015	99.655	ug/l	99
69) o-Xylene	11.95	106	299705	49.188	ug/l	100
70) Styrene	11.96	104	493904	50.056	ug/l	100
71) Bromoform	12.13	173	149594	48.543	ug/l #	100
73) Isopropylbenzene	12.25	105	790707	53.675	ug/l	100
74) N-amyl acetate	12.07	43	221565	38.857	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	237444	54.523	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	272694	77.953	ug/l #	100
77) Bromobenzene	12.53	156	217460	49.028	ug/l	95
78) n-propylbenzene	12.59	91	841108	46.559	ug/l	99
79) 2-Chlorotoluene	12.67	91	512935	52.859	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	648134	52.191	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	58618	37.945	ug/l	99
82) 4-Chlorotoluene	12.77	91	500557	47.137	ug/l	99
83) tert-Butylbenzene	12.99	119	582420	54.407	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	644728	51.983	ug/l	99
85) sec-Butylbenzene	13.17	105	734102	52.587	ug/l	100
86) p-Isopropyltoluene	13.29	119	670281	46.436	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	347403	49.466	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	335229	50.205	ug/l	99
89) n-Butylbenzene	13.61	91	509720	46.087	ug/l	99
90) Hexachloroethane	13.87	117	121102	44.078	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	346333	49.427	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40501	43.976	ug/l	96

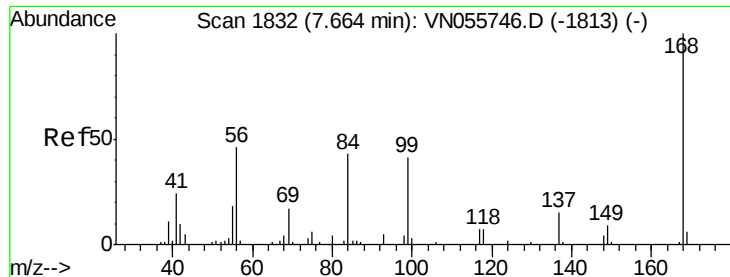
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	186438	46.519	ug/l	100
94) Hexachlorobutadiene	15.01	225	125035	50.731	ug/l	99
95) Naphthalene	15.13	128	503993	52.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	193601	52.269	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

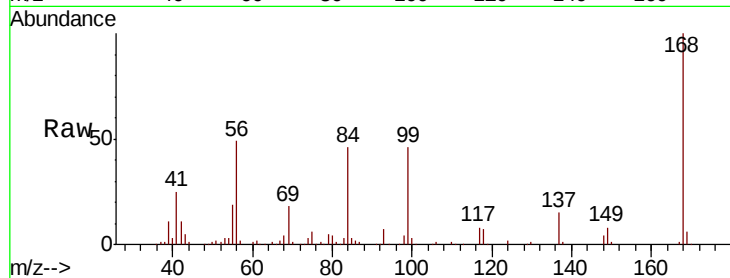
MW2-R1-1MSD

Tot Ion:168 Resp: 347570

Ion Ratio Lower Upper

168 100

99 45.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

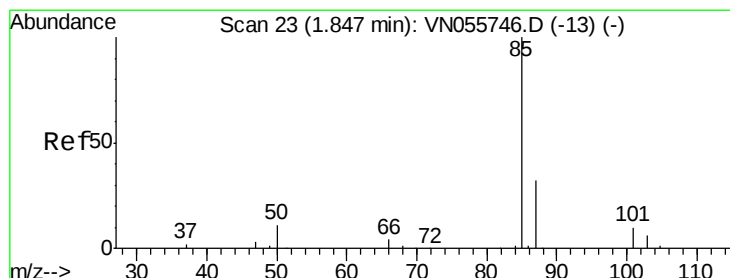
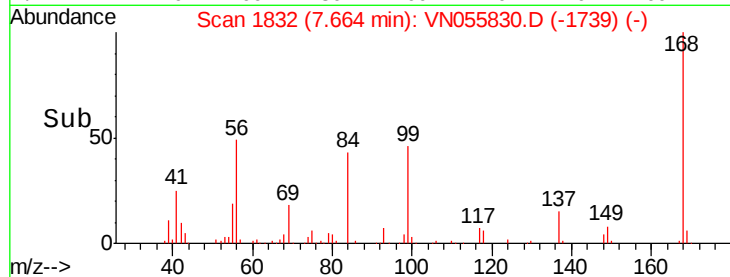
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.396 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055830.D

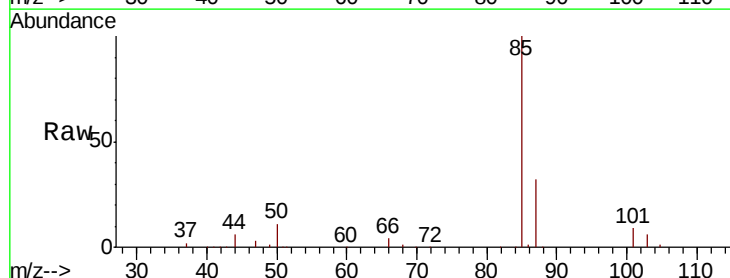
Acq: 25 May 2019 6:19

Tgt Ion: 85 Resp: 110867

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

60000

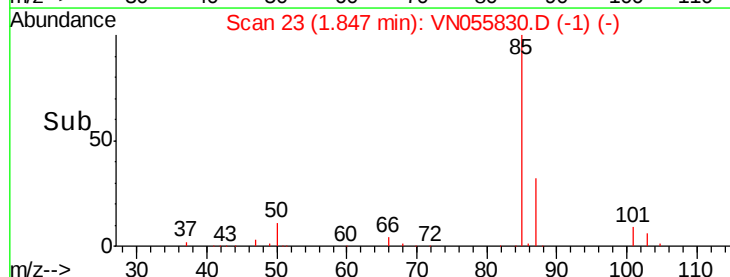
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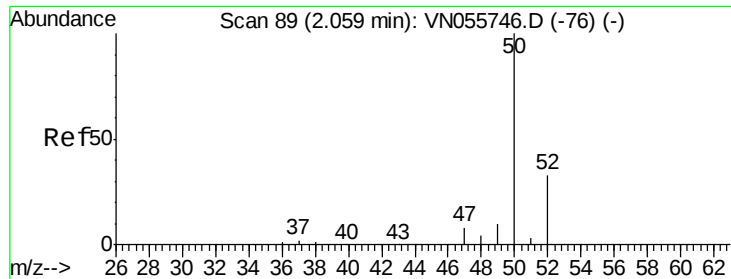
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 48.569 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

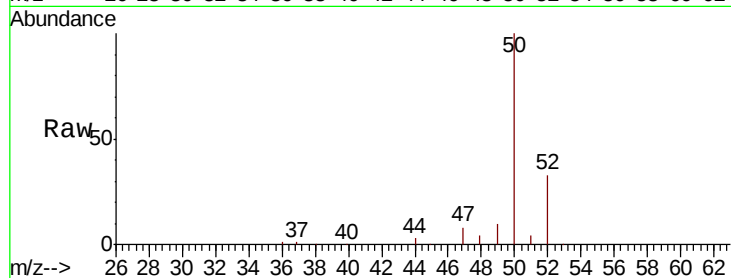
MW2-R1-1MSD

Tot Ion: 50 Resp: 159182

Ion Ratio Lower Upper

50 100

52 32.9 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.06

120000

100000

80000

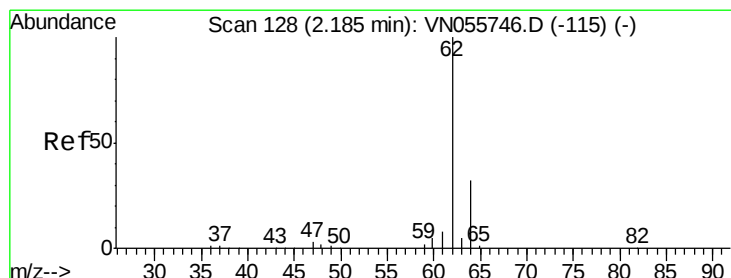
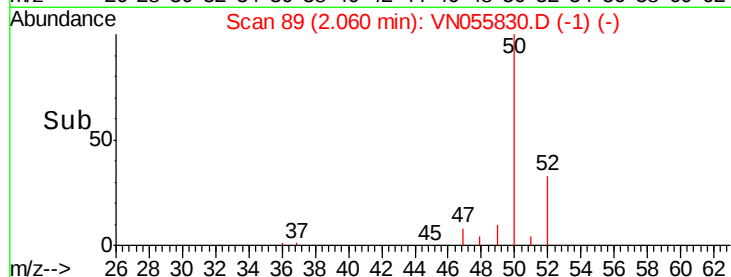
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 47.814 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055830.D

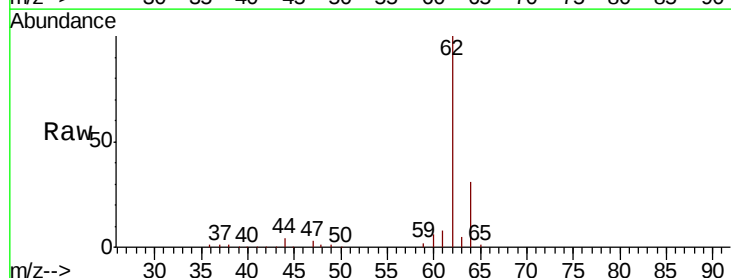
Acq: 25 May 2019 6:19

Tgt Ion: 62 Resp: 167141

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.19

120000

100000

80000

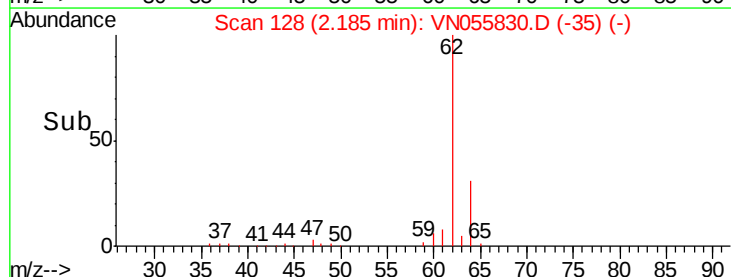
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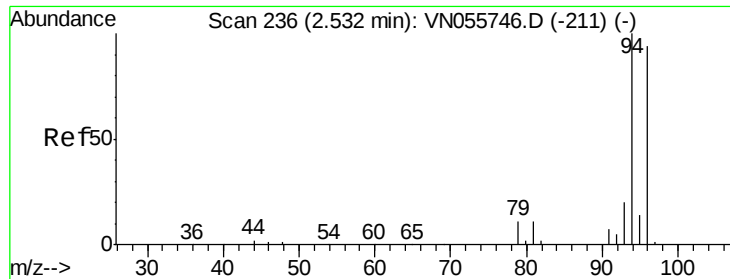
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20000

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Time-->

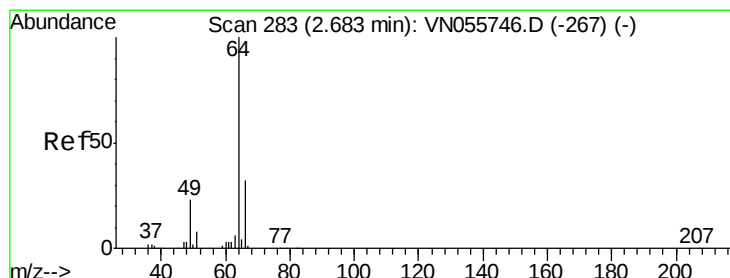
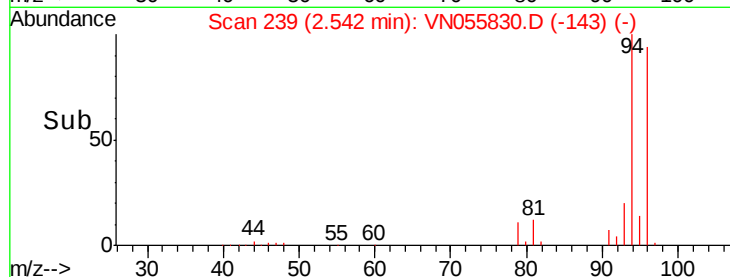
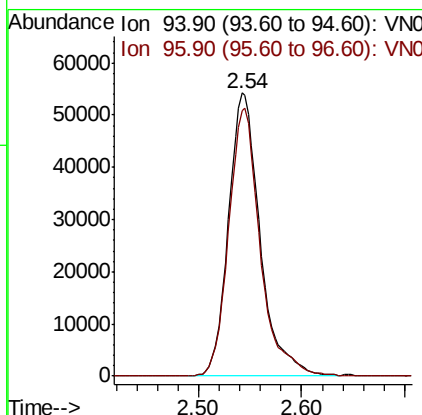
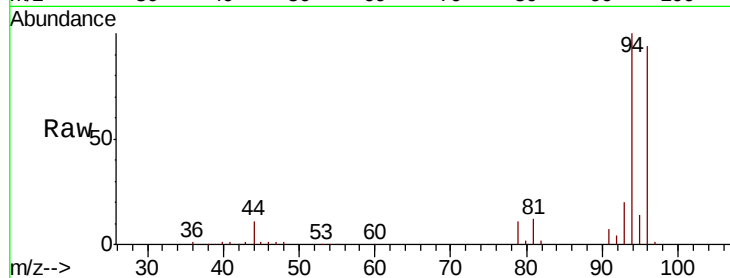




#5
Bromomethane
Concen: 52.993 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

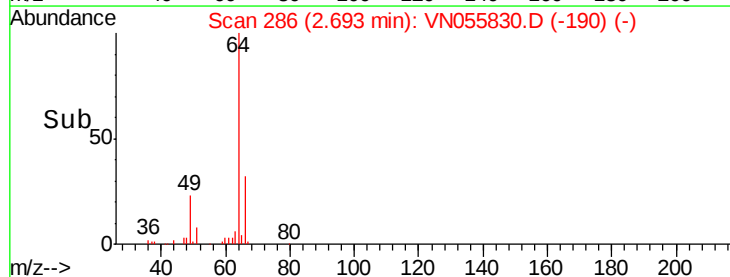
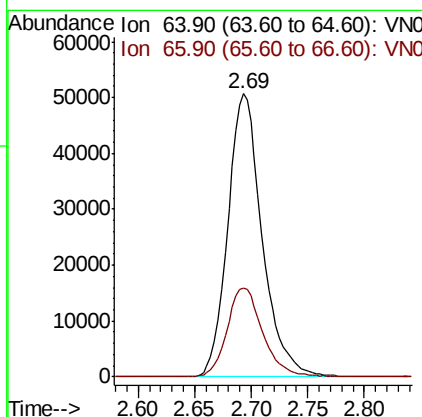
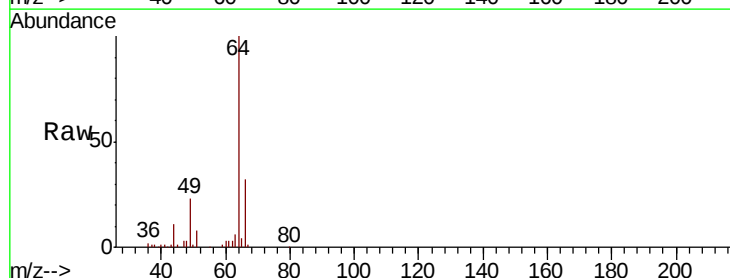
Instrument :
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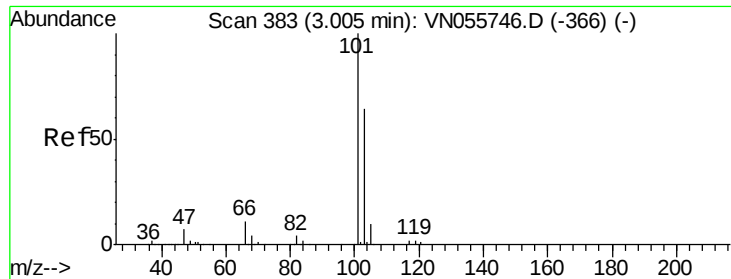
Tot Ion: 94 Resp: 115892
Ion Ratio Lower Upper
94 100
96 93.7 75.5 113.3



#6
Chloroethane
Concen: 50.807 ug/l
RT: 2.69 min Scan# 286
Delta R.T. 0.01 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 64 Resp: 106930
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.0



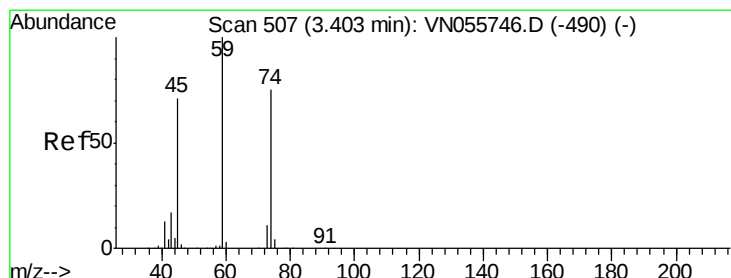
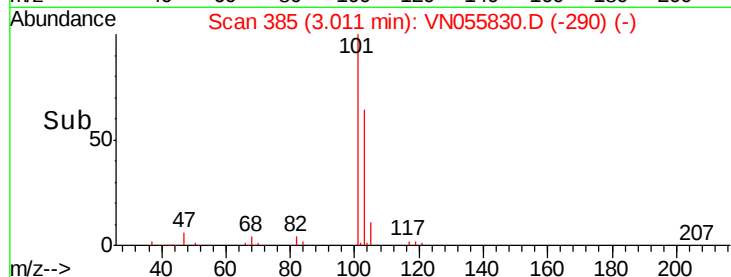
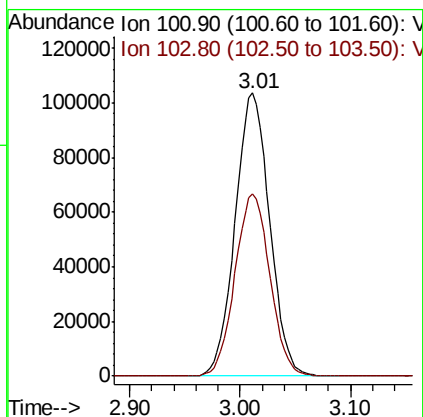
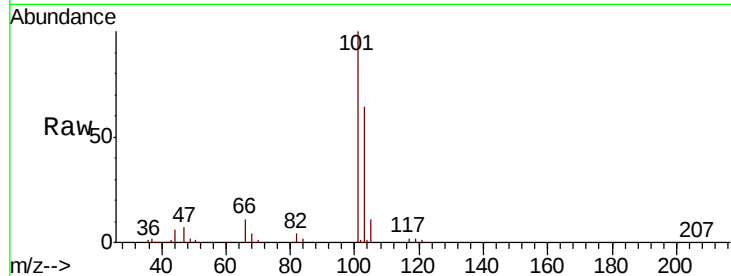


#7

Trichlorofluoromethane
 Concen: 48.988 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Instrument :
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 ClientSampleId :
 MW2-R1-1MSD

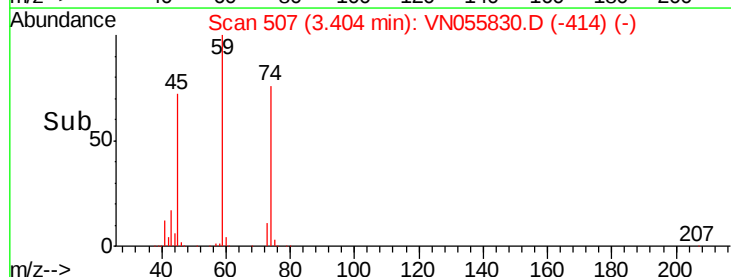
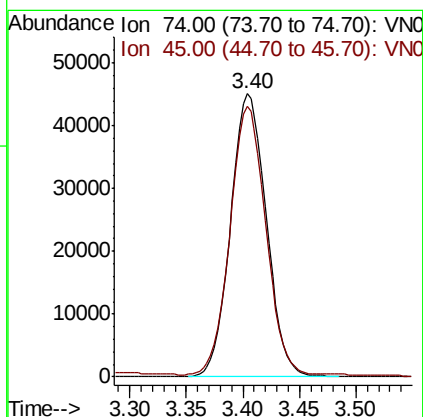
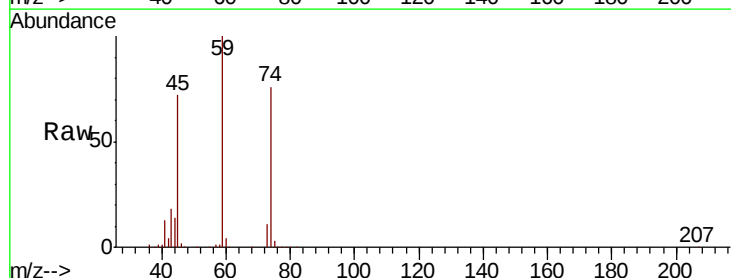
Tot Ion:101 Resp: 224510
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.2 76.8

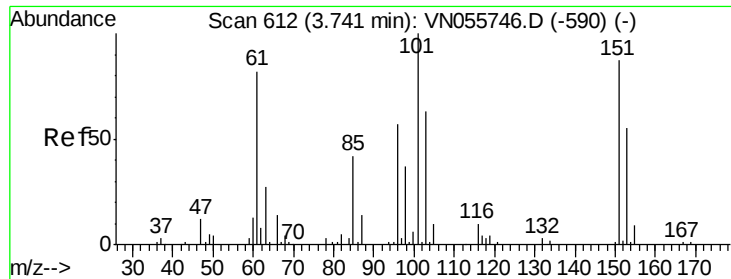


#8

Diethyl Ether
 Concen: 48.339 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 74 Resp: 99292
 Ion Ratio Lower Upper
 74 100
 45 94.8 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.504 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

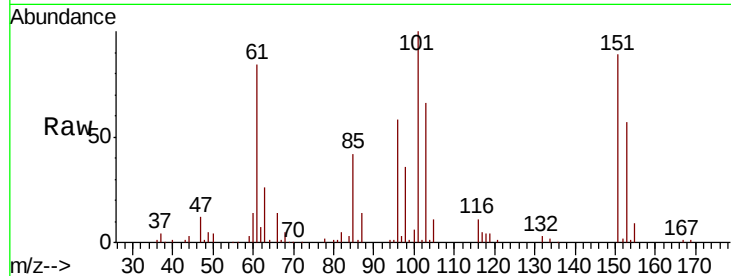
Tot Ion:101 Resp: 138762

Ion Ratio Lower Upper

101 100

85 41.4 33.4 50.2

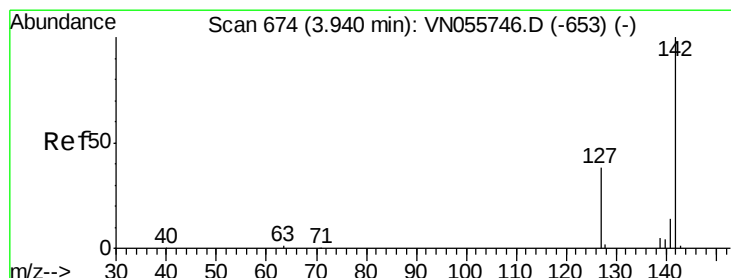
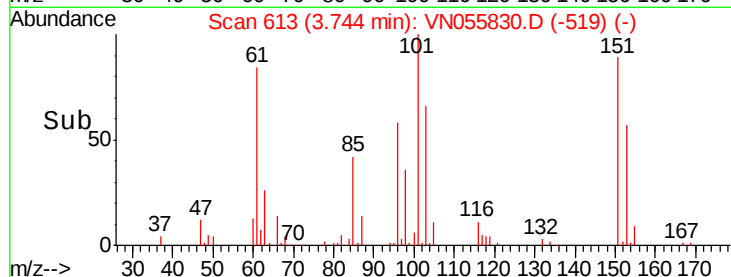
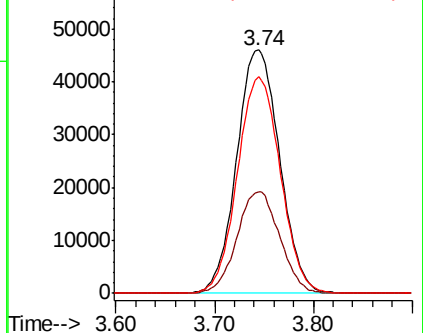
151 89.1 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.651 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

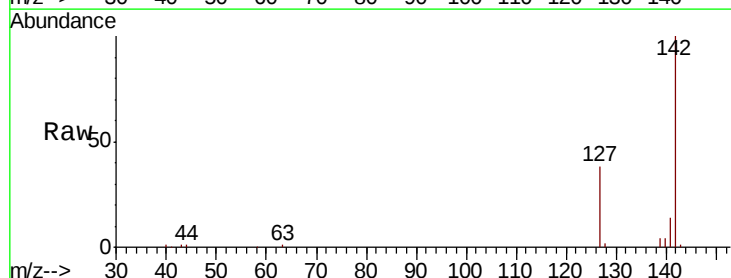
Tgt Ion:142 Resp: 216034

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.4

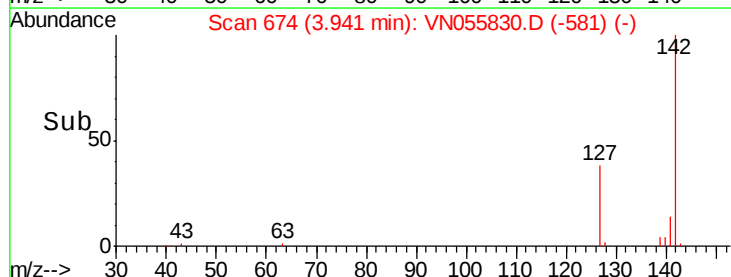
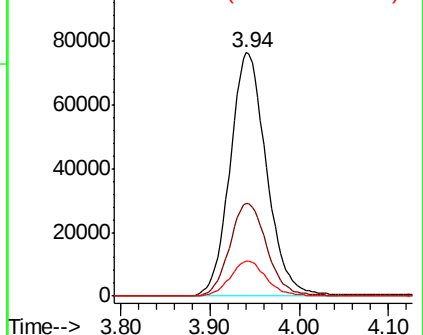
141 14.3 11.4 17.0

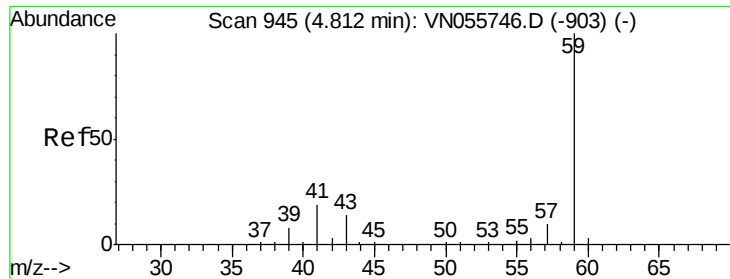


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



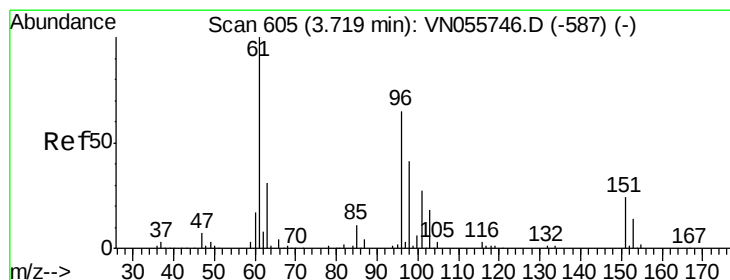
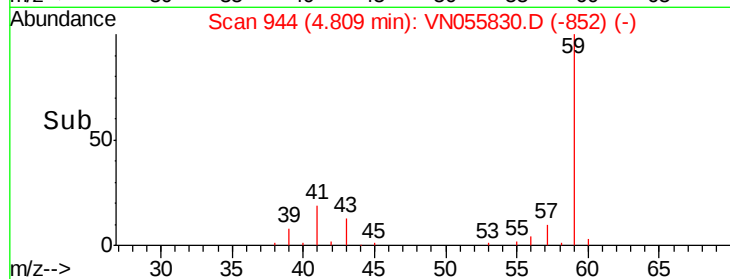
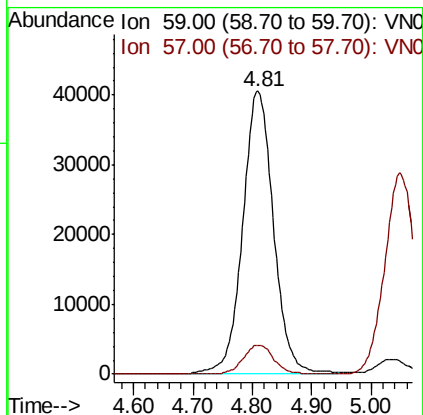
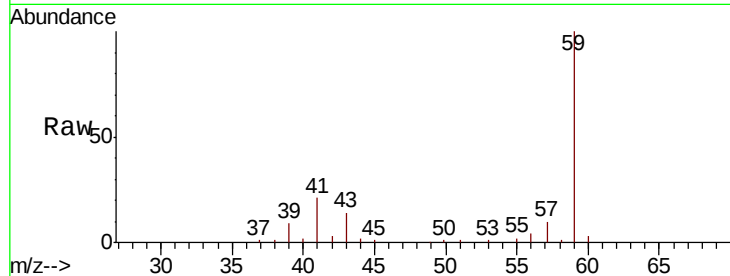


#11

Tert butyl alcohol
 Concen: 214.597 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

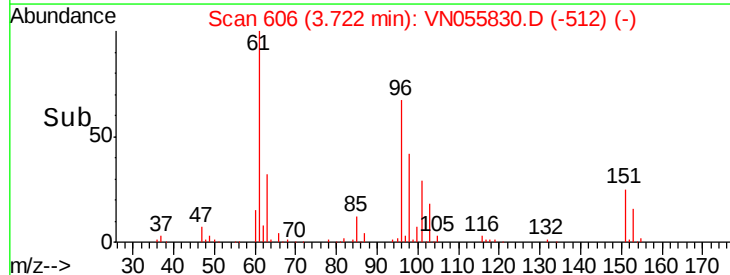
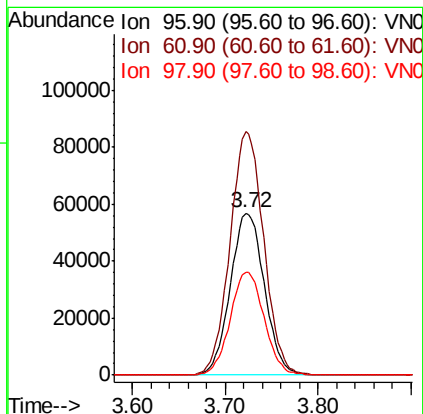
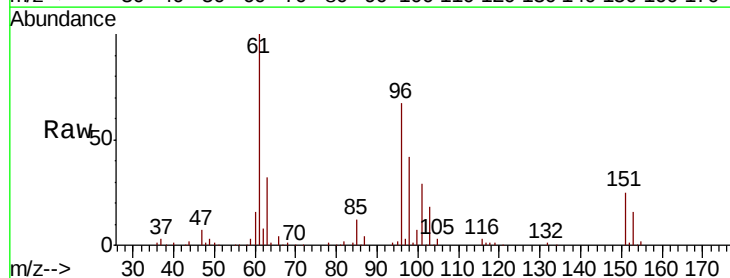
Tot Ion: 59 Resp: 147175
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.6

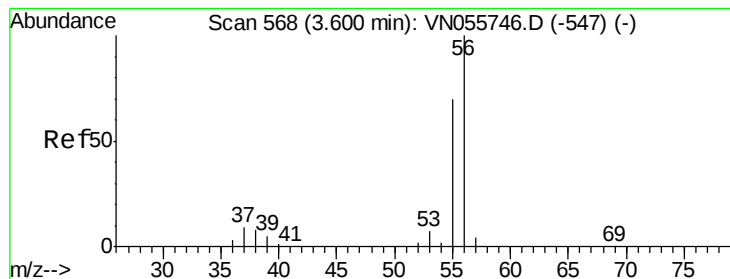


#12

1,1-Dichloroethene
 Concen: 49.142 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 96 Resp: 145261
 Ion Ratio Lower Upper
 96 100
 61 150.1 123.2 184.8
 98 63.4 50.4 75.6





#13

Acrolein

Concen: 198.749 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

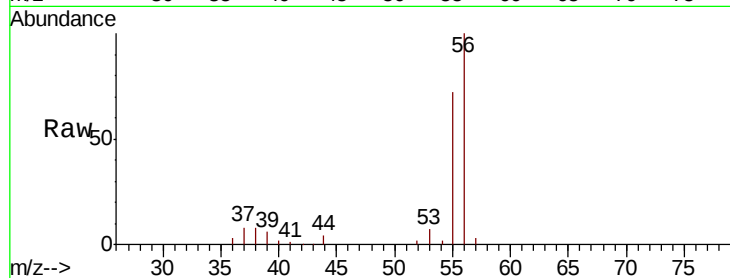
MW2-R1-1MSD

Tot Ion: 56 Resp: 97601

Ion Ratio Lower Upper

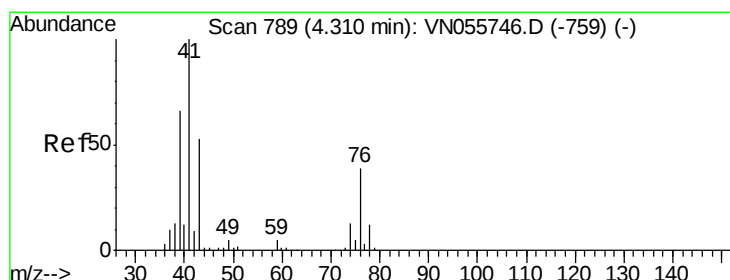
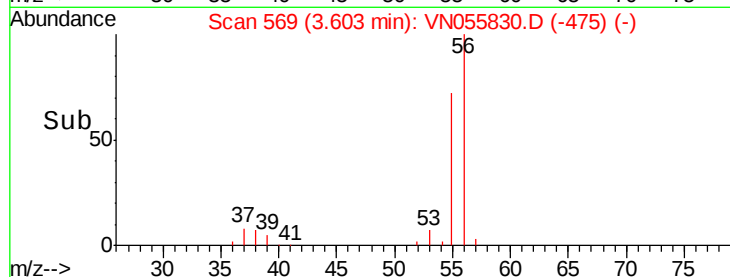
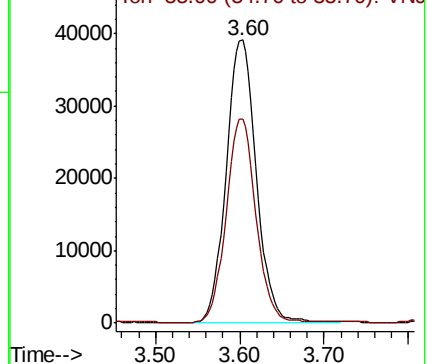
56 100

55 71.4 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 44.617 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

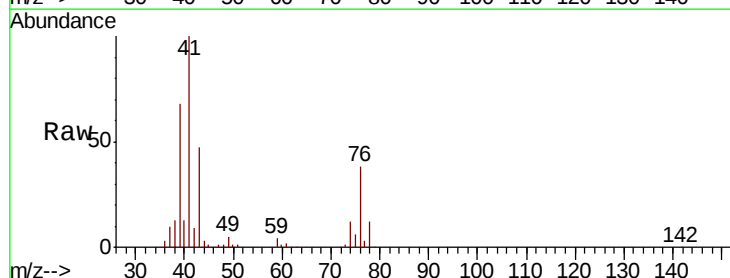
Tgt Ion: 41 Resp: 226093

Ion Ratio Lower Upper

41 100

39 62.7 50.0 75.0

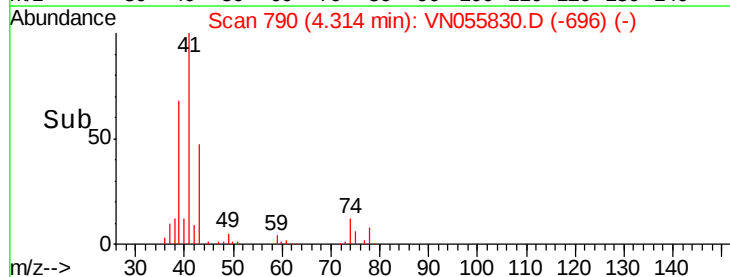
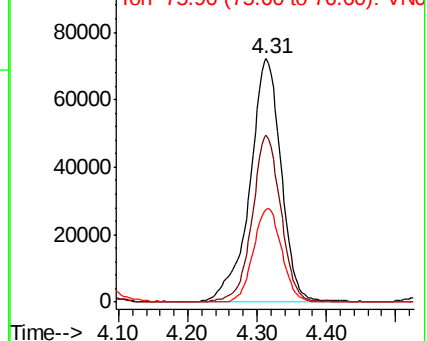
76 34.8 28.2 42.2

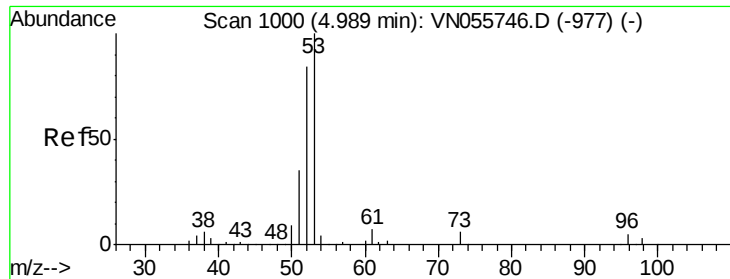


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

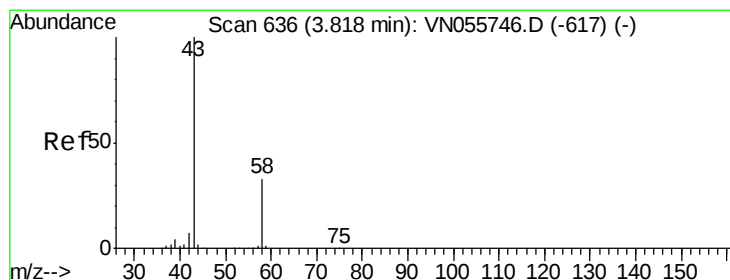
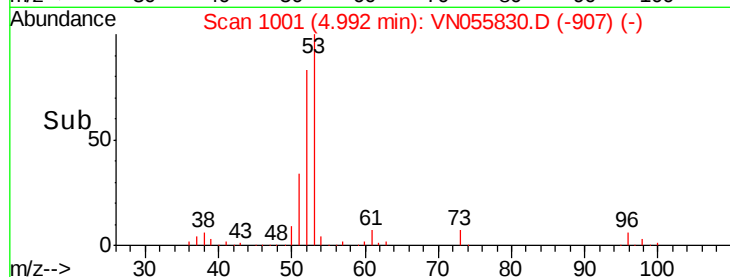
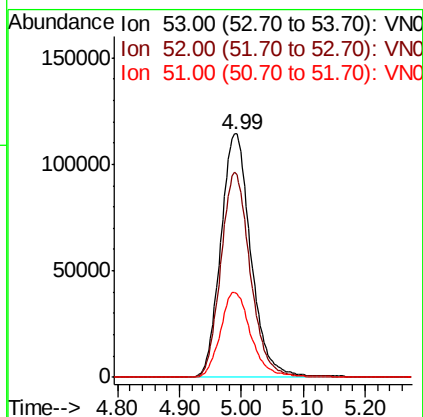
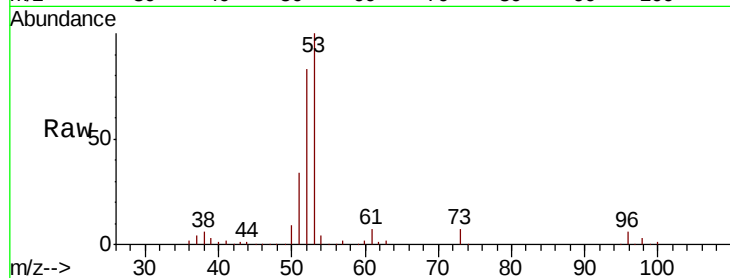




#15
 Acrylonitrile
 Concen: 246.147 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

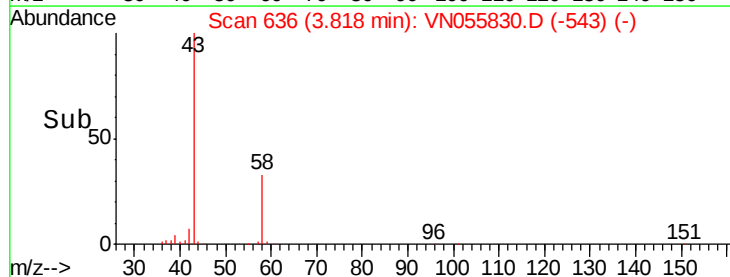
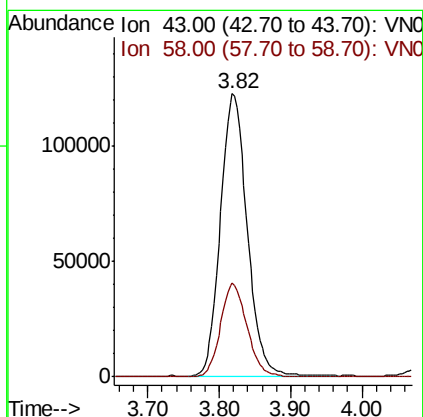
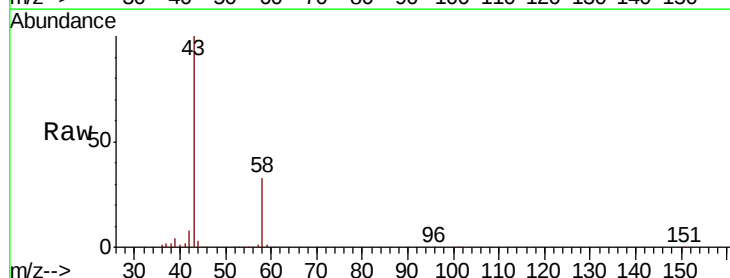
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

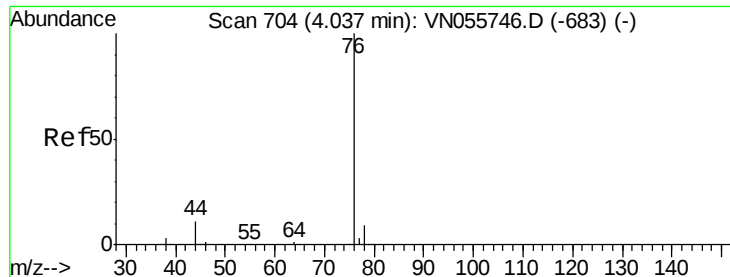
Tot Ion	53	Resp	387637
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.8
51	35.3	28.2	42.4



#16
 Acetone
 Concen: 201.920 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion	43	Resp	318596
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.6	39.8

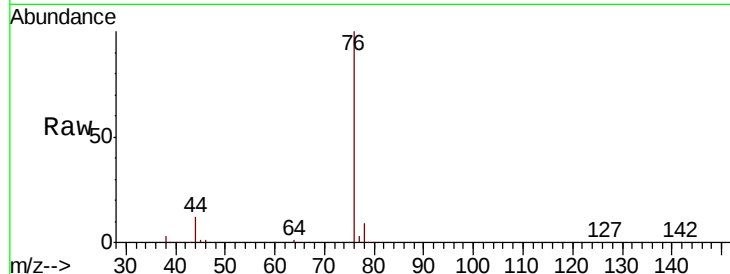




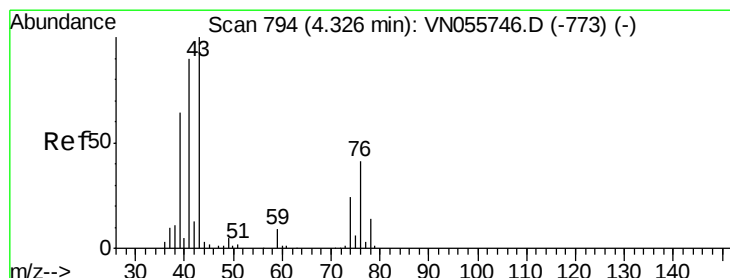
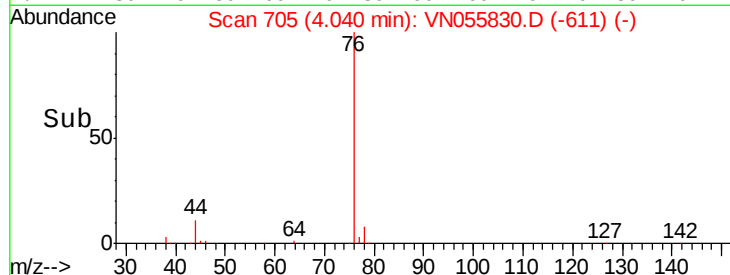
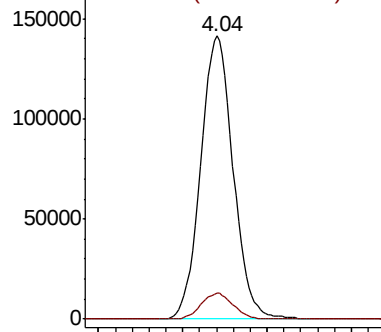
#17
Carbon Disulfide
Concen: 45.088 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

Tot Ion: 76 Resp: 378661
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

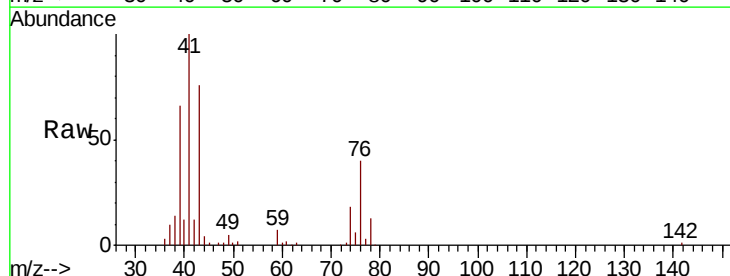


Abundance Ion 75.90 (75.60 to 76.60): VNC
Ion 77.90 (77.60 to 78.60): VNC

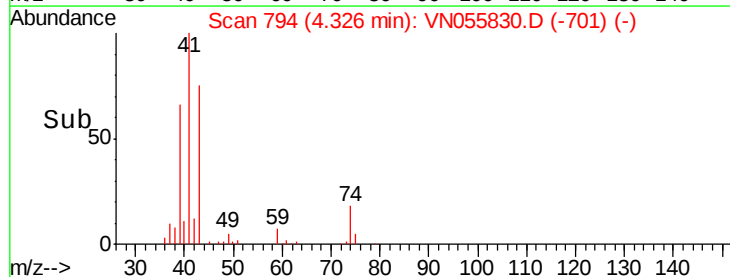
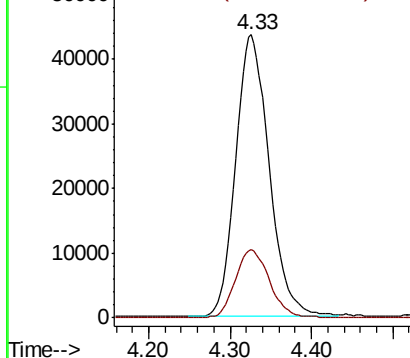


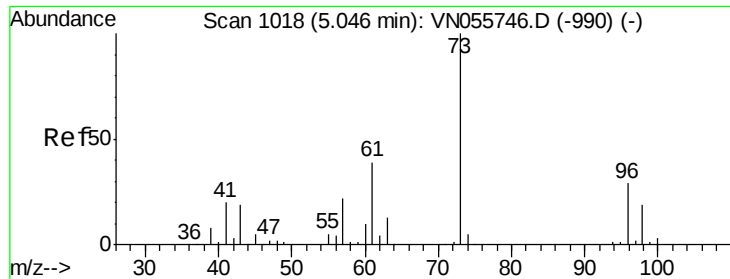
#18
Methyl Acetate
Concen: 38.350 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 43 Resp: 123961
Ion Ratio Lower Upper
43 100
74 24.8 19.3 28.9



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



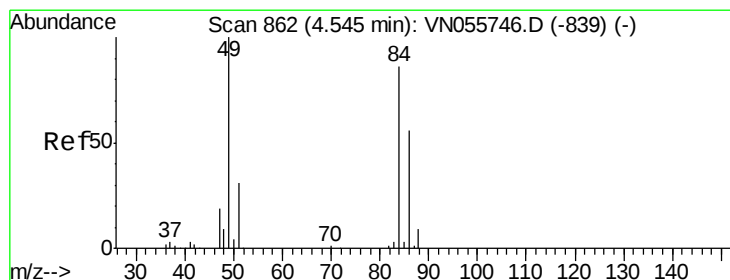
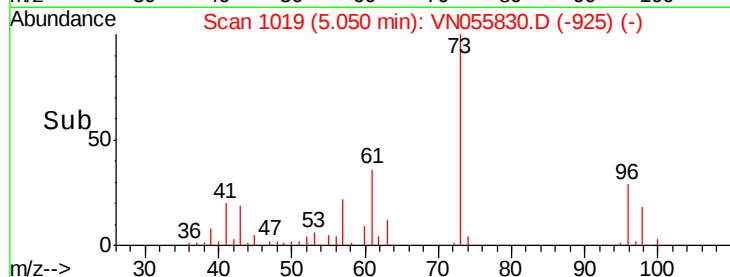
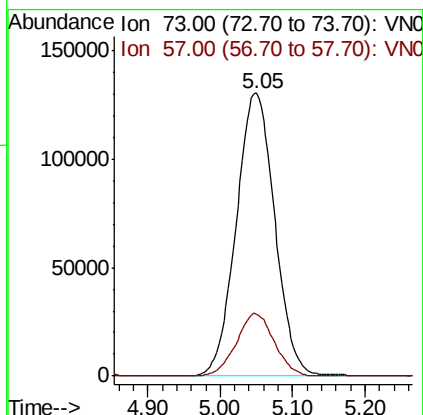
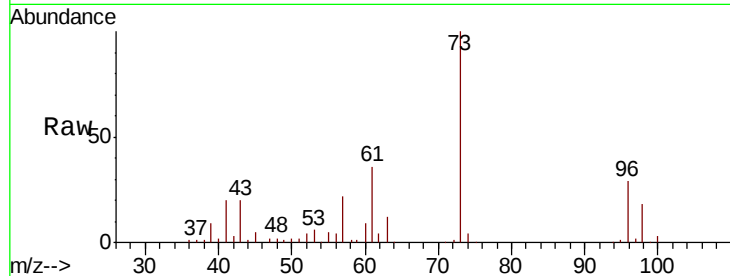


#19

Methyl tert-butyl Ether
 Concen: 48.932 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

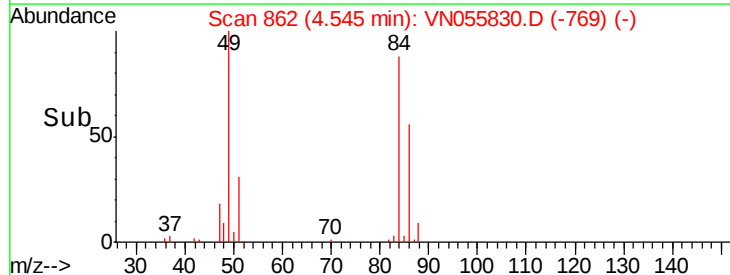
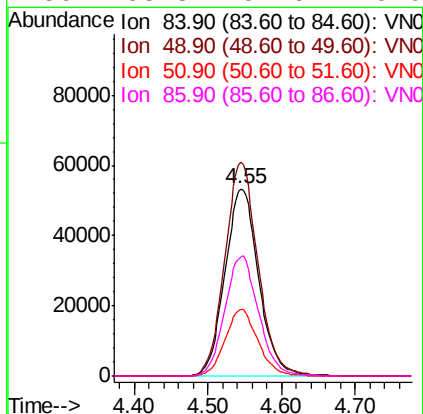
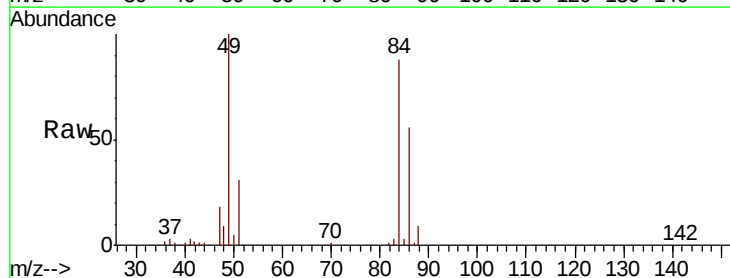
Tot Ion: 73 Resp: 482406
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.8

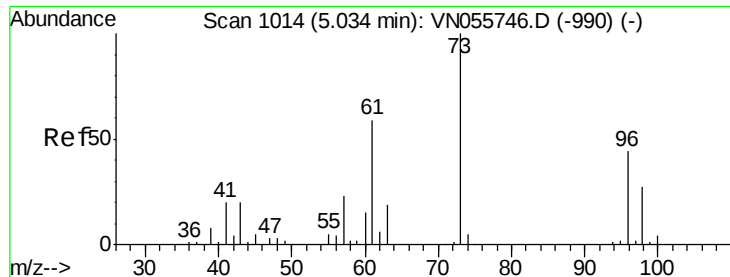


#20

Methylene Chloride
 Concen: 49.575 ug/l
 RT: 4.55 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 84 Resp: 169400
 Ion Ratio Lower Upper
 84 100
 49 114.1 93.5 140.3
 51 35.7 28.6 43.0
 86 63.8 52.6 79.0

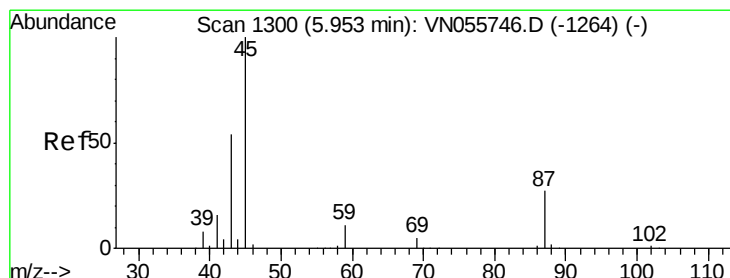
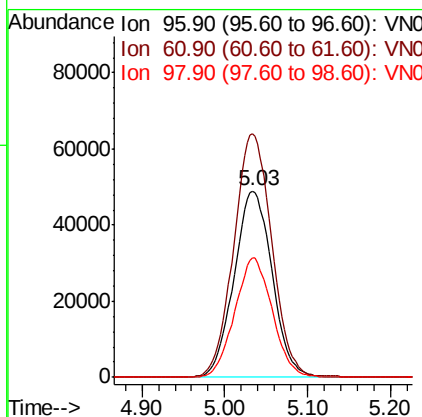
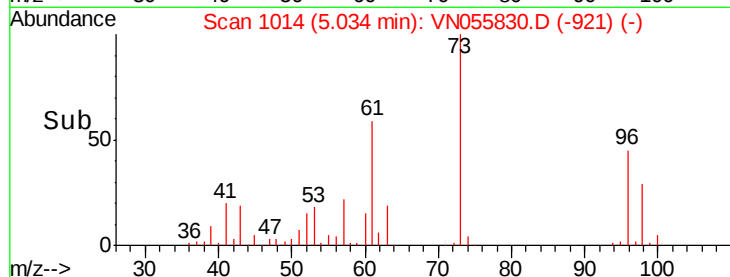
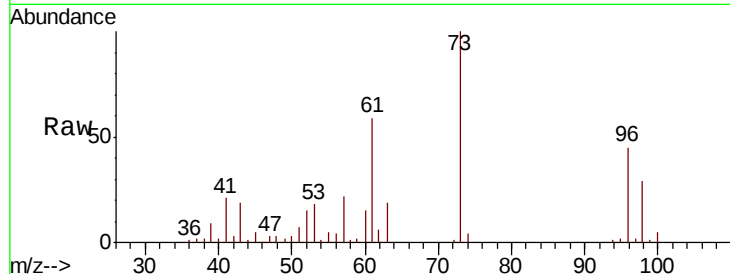




#21
trans-1,2-Dichloroethene
Concen: 49.205 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

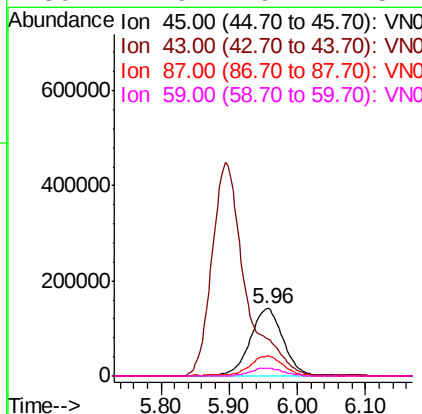
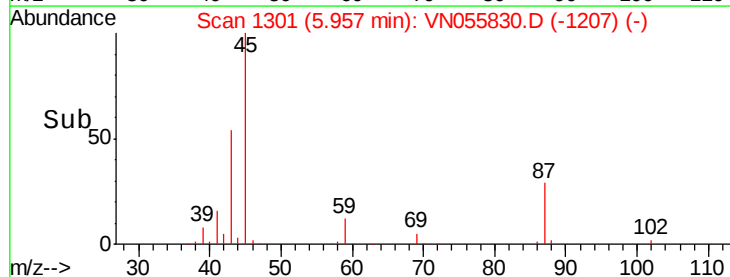
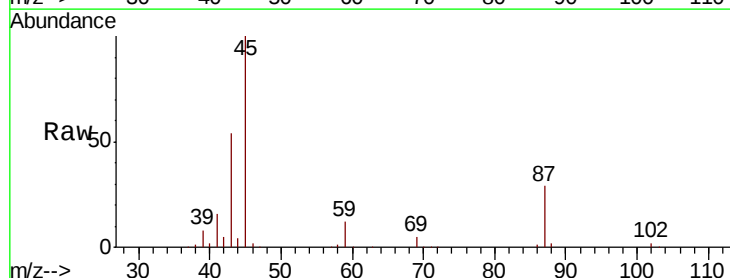
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

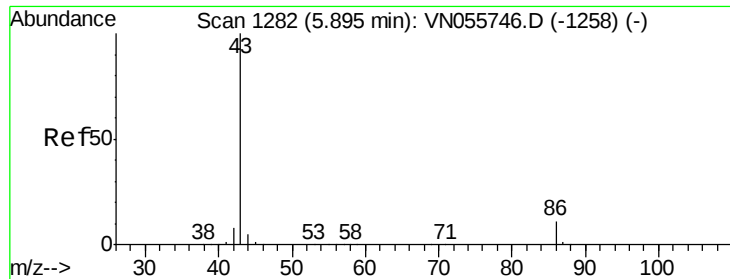
Tot Ion: 96 Resp: 156262
Ion Ratio Lower Upper
96 100
61 130.6 107.8 161.8
98 64.3 49.8 74.8



#22
Diisopropyl ether
Concen: 48.529 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 45 Resp: 478305
Ion Ratio Lower Upper
45 100
43 53.0 45.0 67.6
87 29.2 22.2 33.4
59 11.9 9.1 13.7

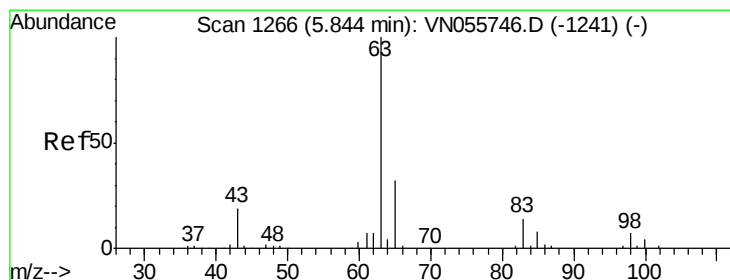
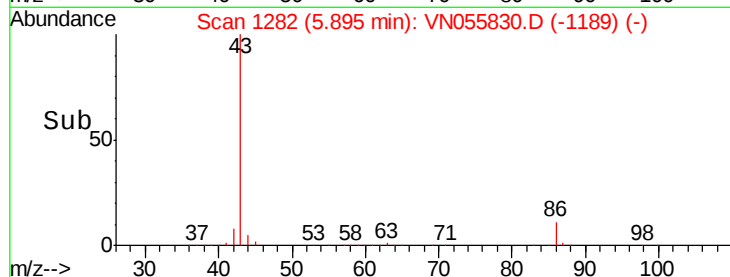
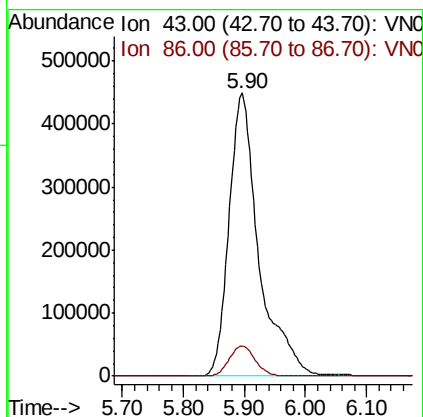
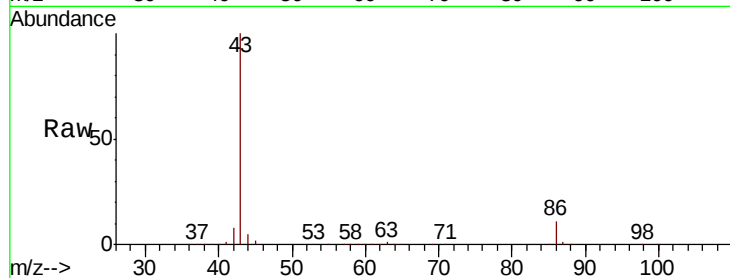




#23
 Vinyl Acetate
 Concen: 181.047 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

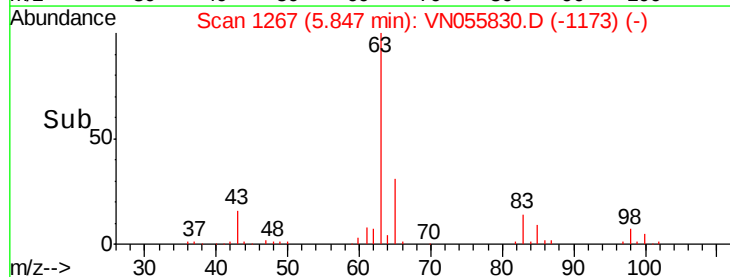
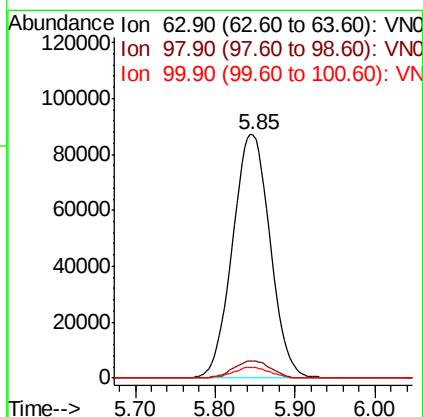
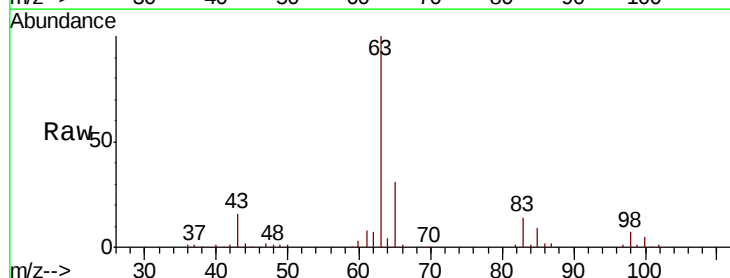
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

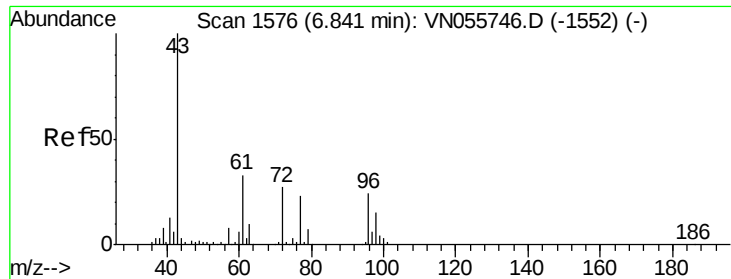
Tot Ion: 43 Resp: 1529913
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.411 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 63 Resp: 277805
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 223.240 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

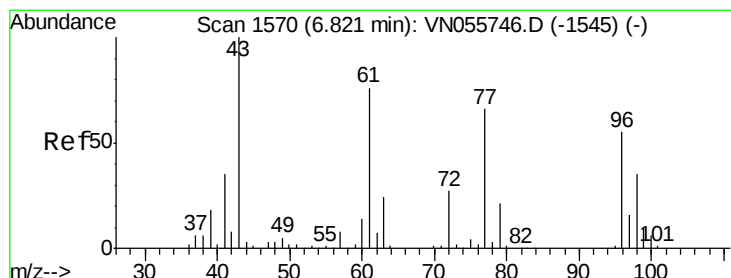
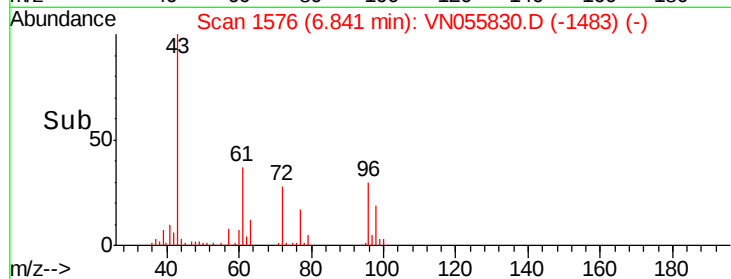
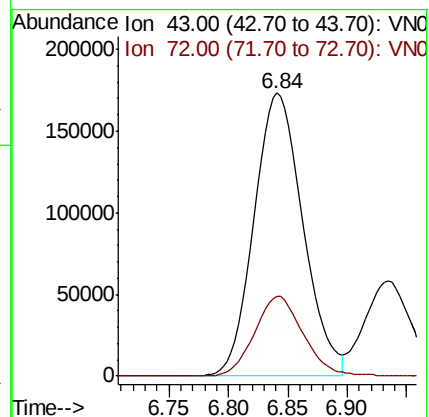
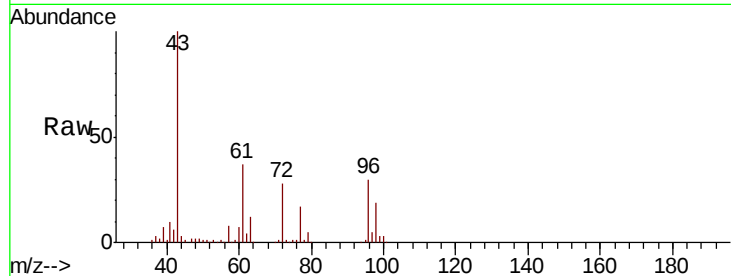
MW2-R1-1MSD

Tot Ion: 43 Resp: 491925

Ion Ratio Lower Upper

43 100

72 28.2 21.9 32.9



#26

2,2-Dichloropropane

Concen: 27.438 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN055830.D

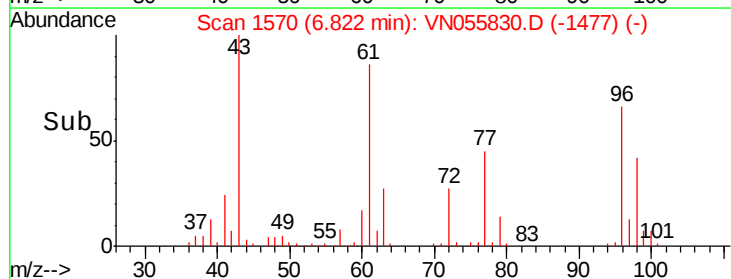
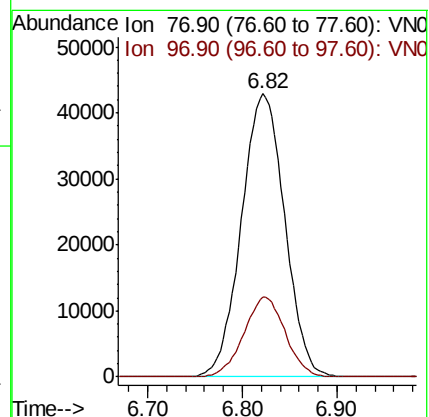
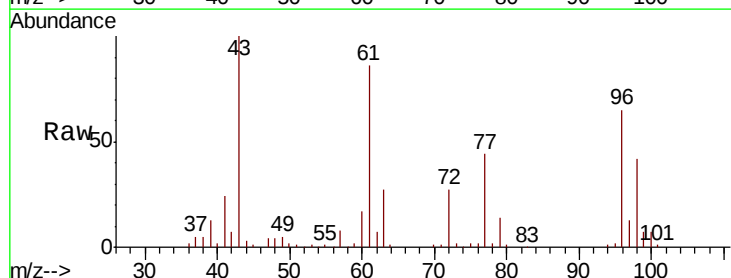
Acq: 25 May 2019 6:19

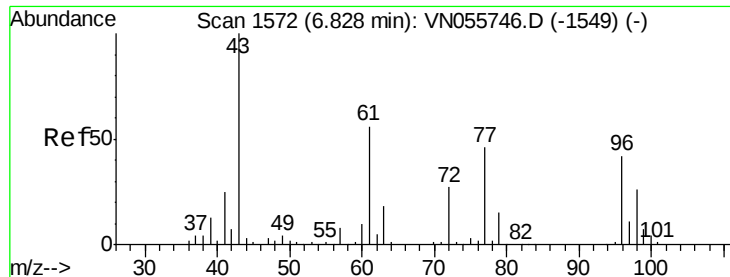
Tgt Ion: 77 Resp: 136268

Ion Ratio Lower Upper

77 100

97 27.0 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.764 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

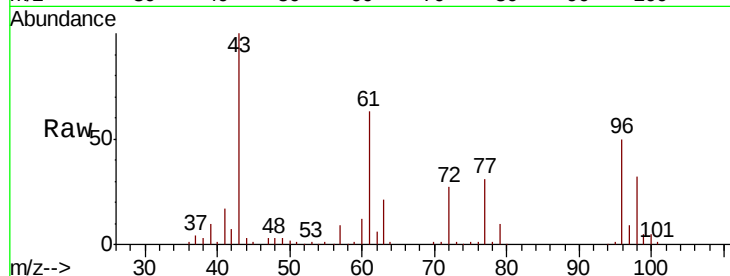
Tot Ion: 96 Resp: 191785

Ion Ratio Lower Upper

96 100

61 128.0 0.0 275.8

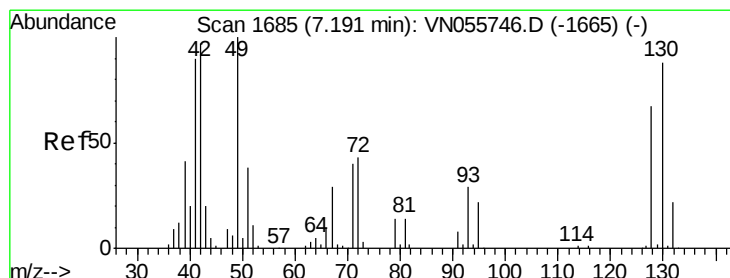
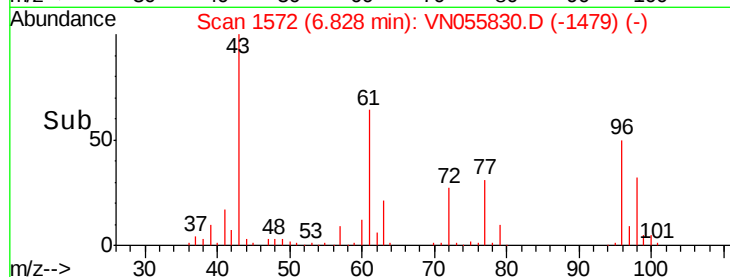
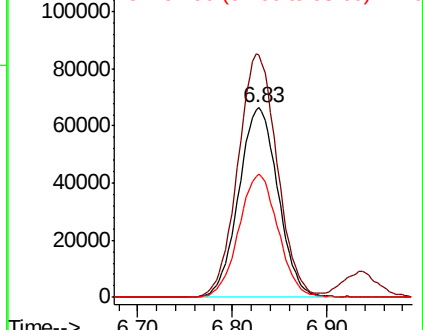
98 64.7 0.0 128.4



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: 50.921 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

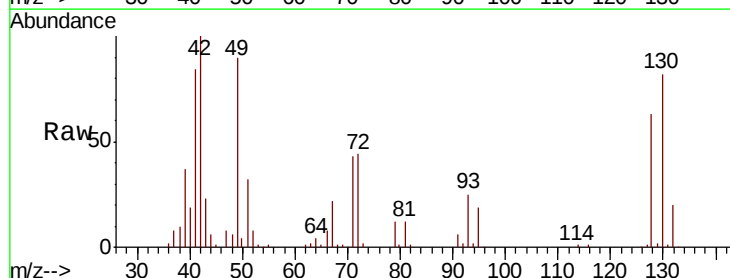
Tgt Ion: 49 Resp: 139125

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

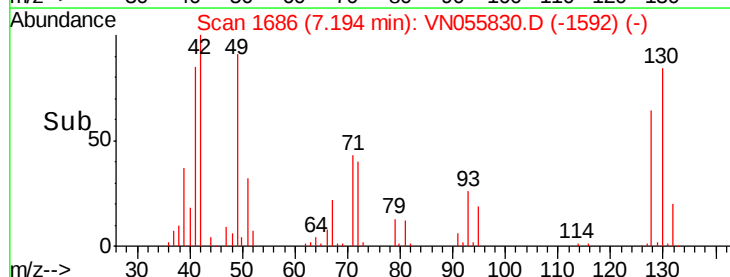
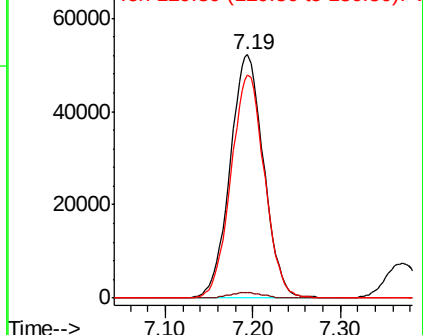
130 91.5 71.2 106.8

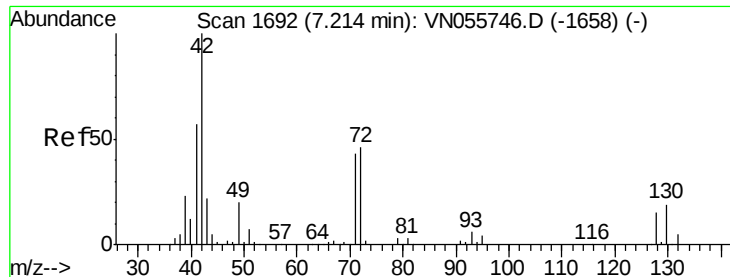


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

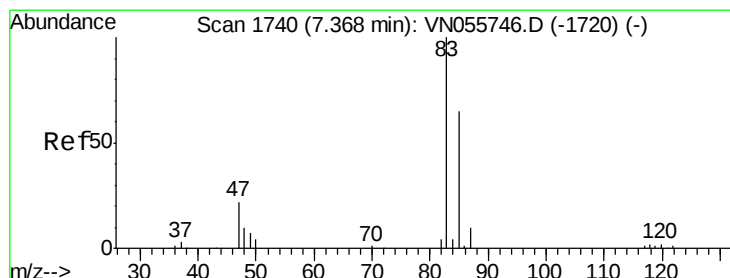
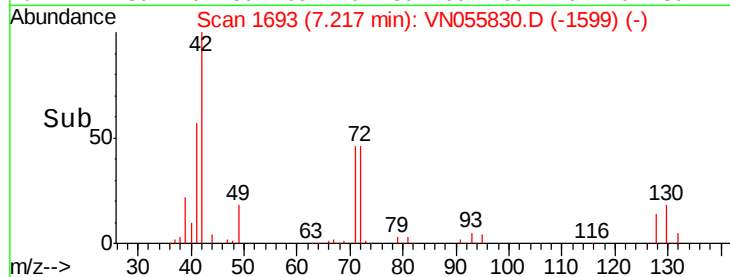
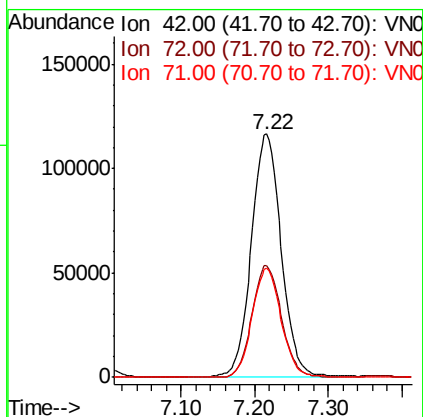
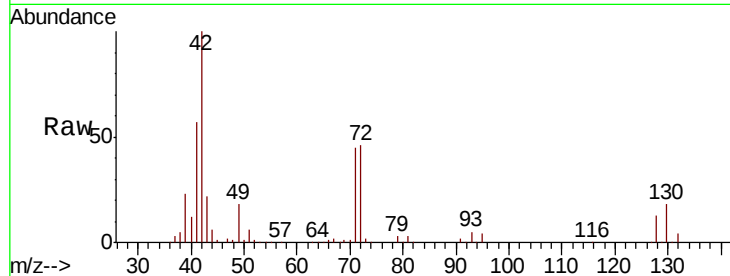




#29
Tetrahydrofuran
Concen: 235.892 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

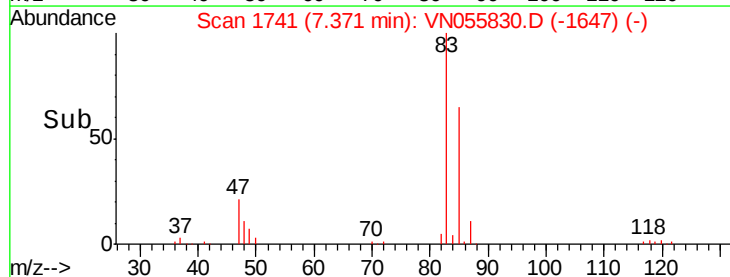
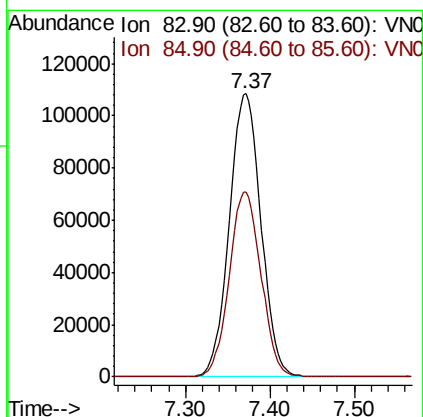
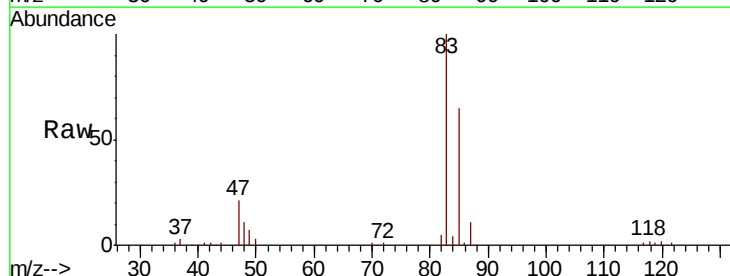
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

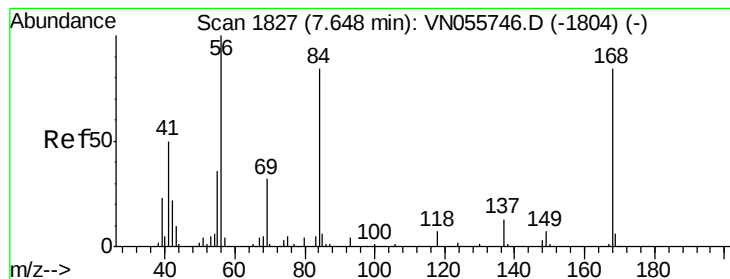
Tot Ion: 42 Resp: 329177
Ion Ratio Lower Upper
42 100
72 45.4 35.9 53.9
71 43.5 34.0 51.0



#30
Chloroform
Concen: 49.570 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 83 Resp: 283680
Ion Ratio Lower Upper
83 100
85 65.4 51.8 77.8





#31

Cyclohexane

Concen: 47.246 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

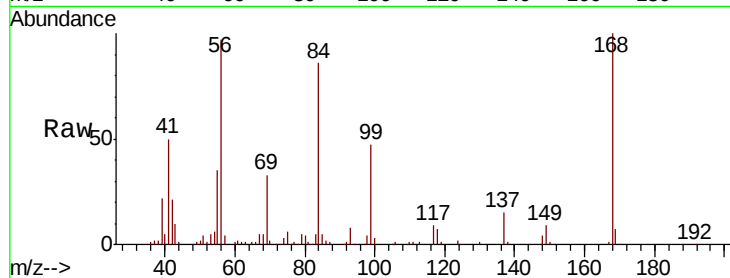
Tot Ion: 56 Resp: 254542

Ion Ratio Lower Upper

56 100

69 34.4 25.6 38.4

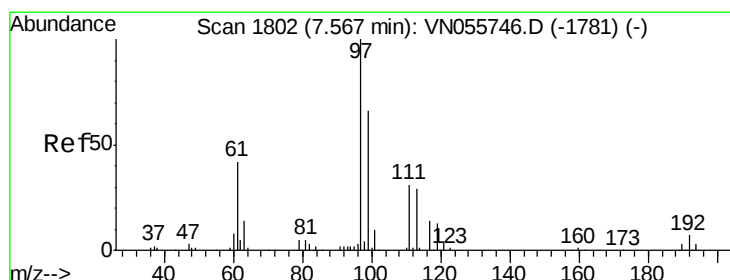
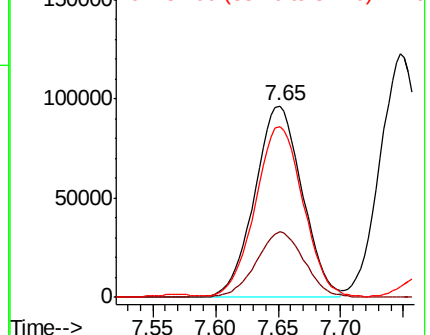
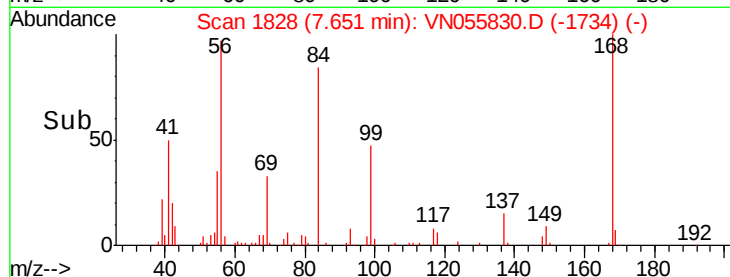
84 88.1 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN055830.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN055830.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN055830.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 48.811 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

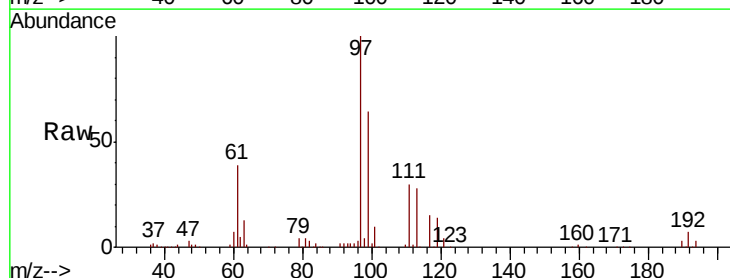
Tgt Ion: 97 Resp: 249274

Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

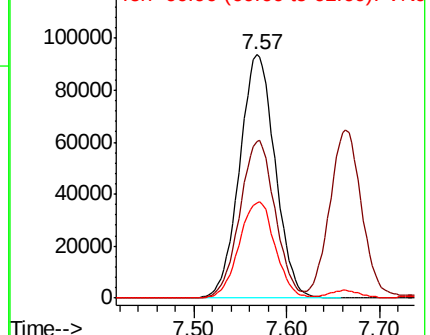
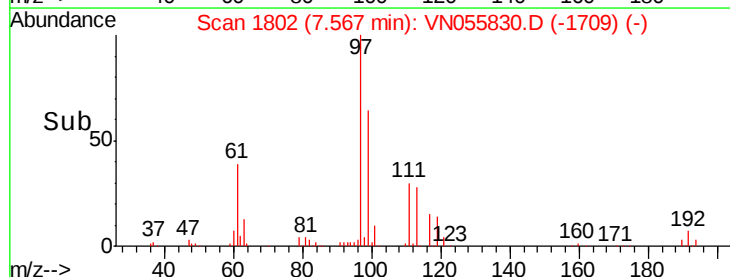
61 40.0 32.9 49.3

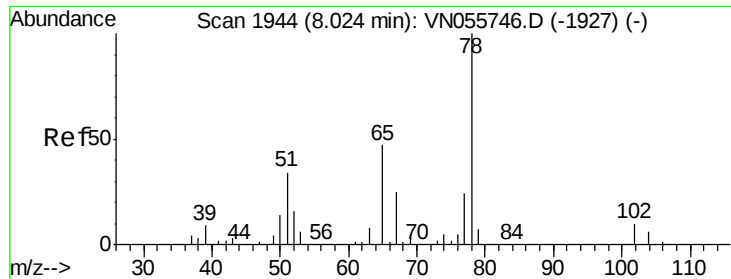


Abundance Ion 96.90 (96.60 to 97.60): VN055830.D (-1709) (-)

Ion 98.90 (98.60 to 99.60): VN055830.D (-1709) (-)

Ion 60.90 (60.60 to 61.60): VN055830.D (-1709) (-)

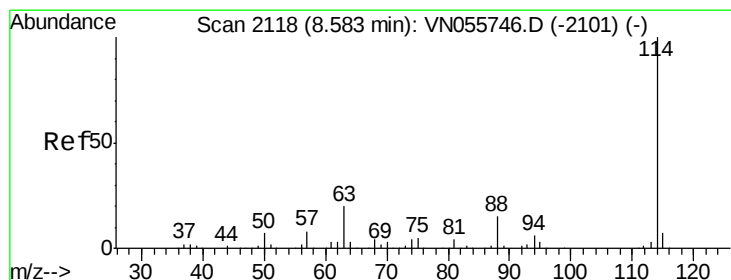
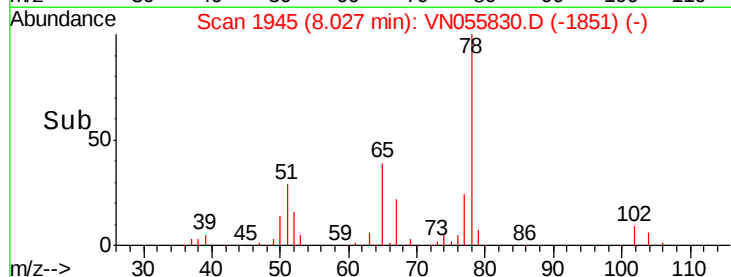
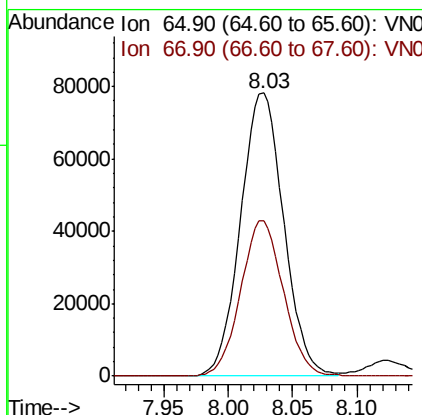
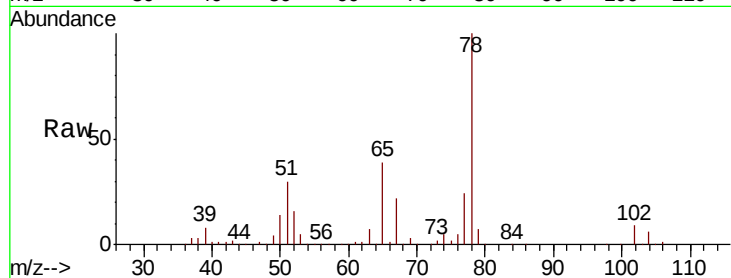




#33
 1,2-Dichloroethane-d4
 Concen: 50.842 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

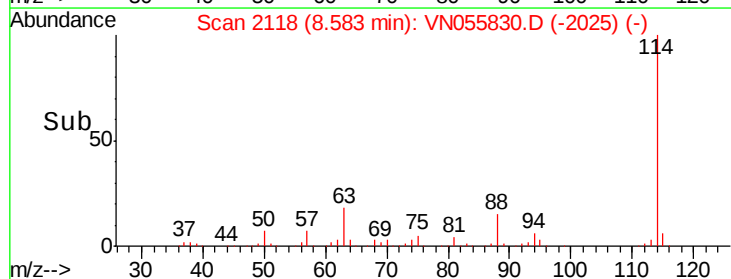
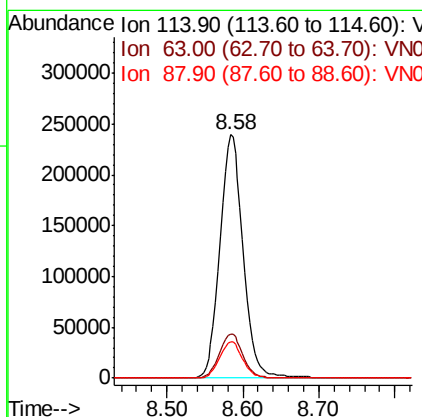
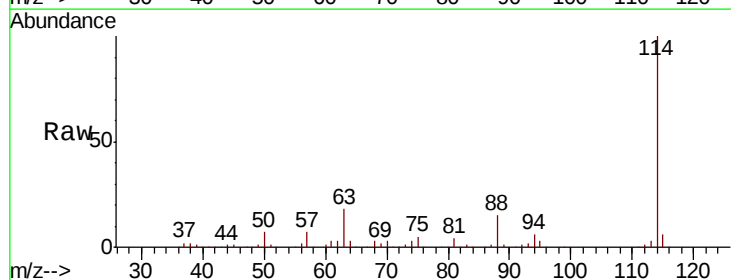
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

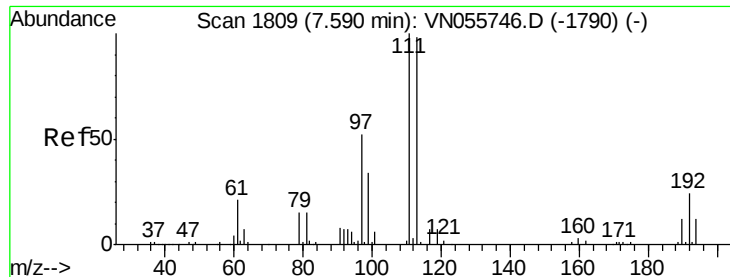
Tot Ion: 65 Resp: 182494
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 114 Resp: 509479
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 14.9 0.0 31.0

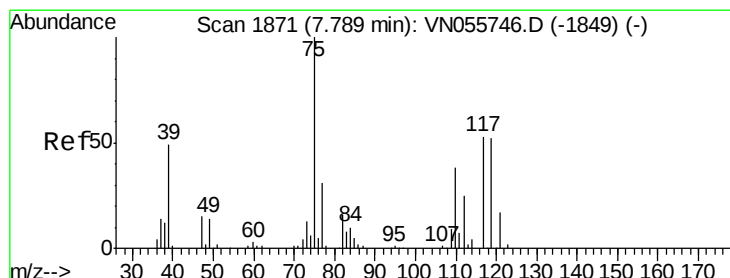
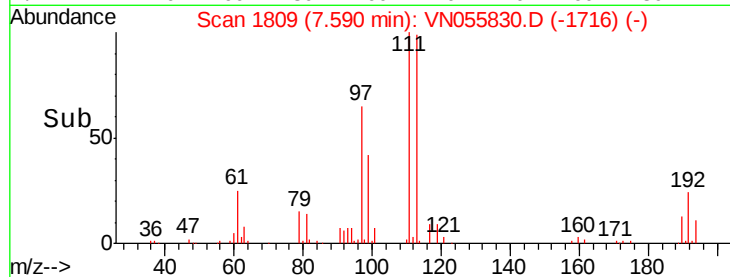
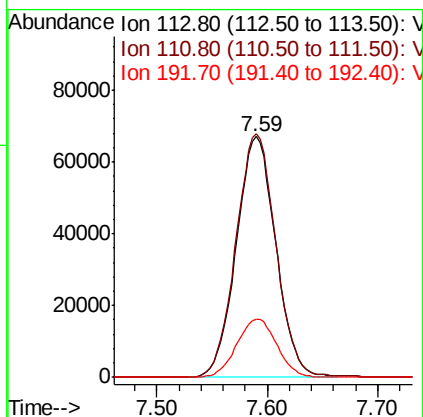
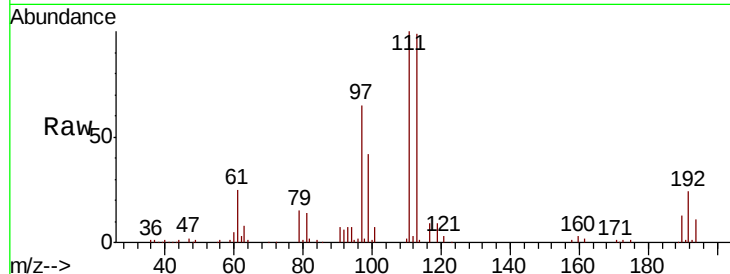




#35
 Dibromofluoromethane
 Concen: 51.641 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

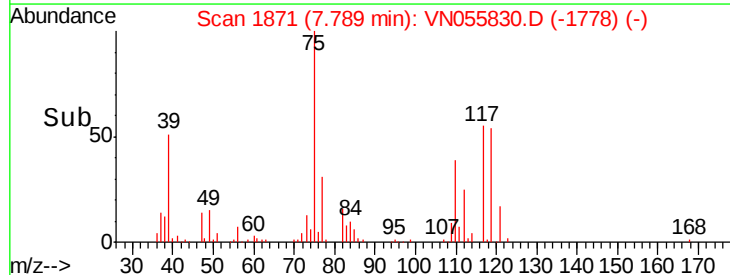
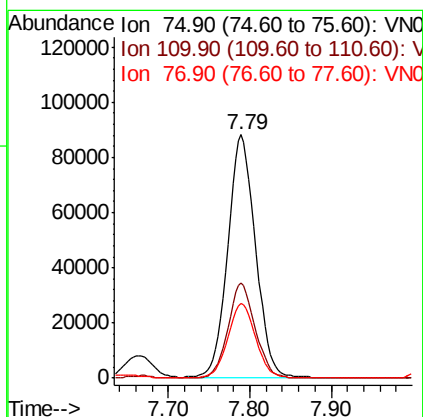
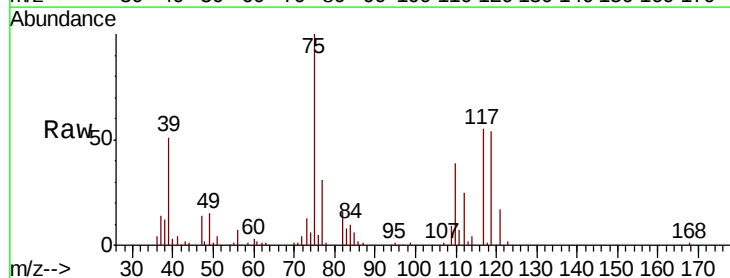
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

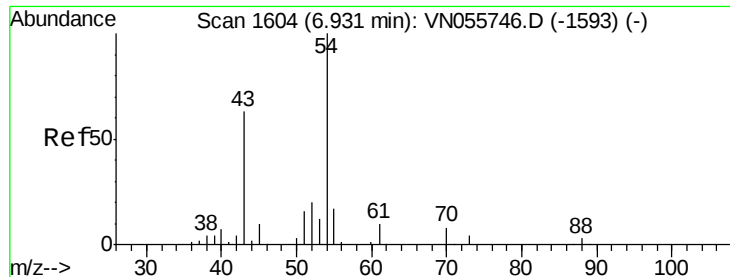
Tot Ion:113 Resp: 166341
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 24.7 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 47.312 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 75 Resp: 210058
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.0 57.0
 77 31.0 25.1 37.7

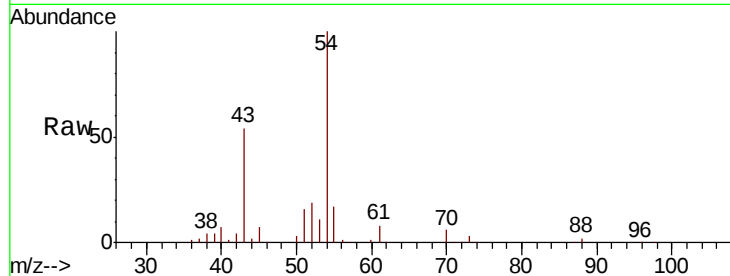




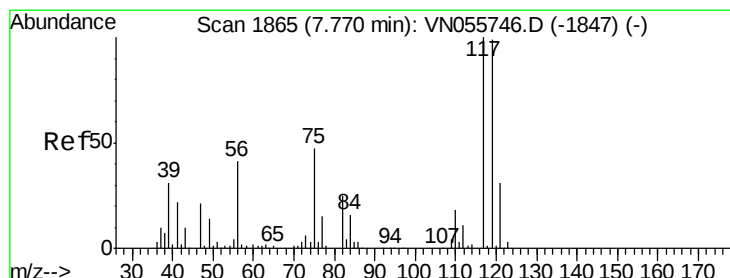
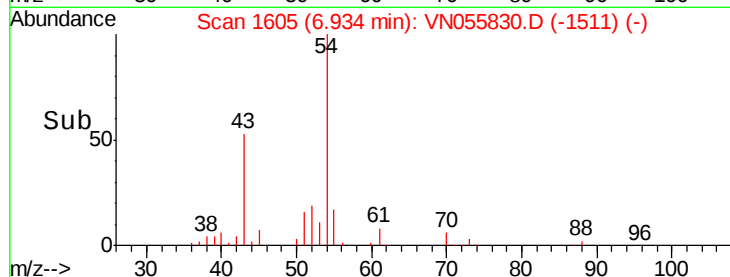
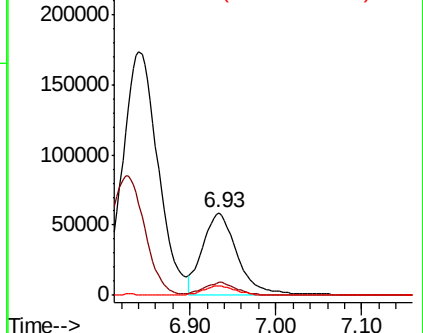
#37
Ethyl Acetate
Concen: 37.856 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

Tot Ion: 43 Resp: 162445
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.2
70 11.1 8.9 13.3

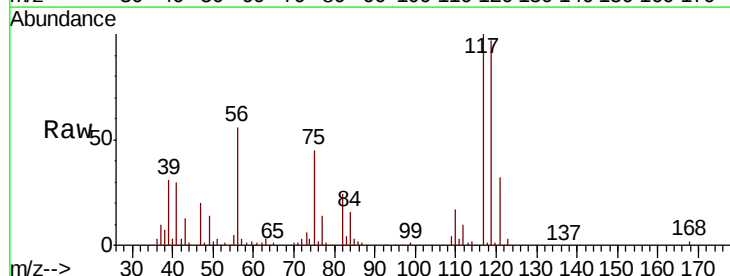


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

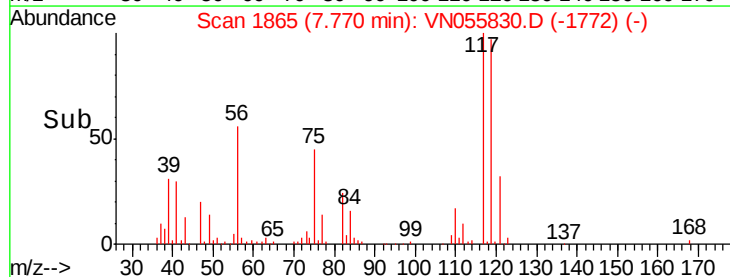
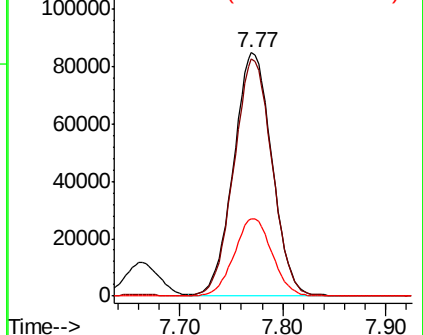


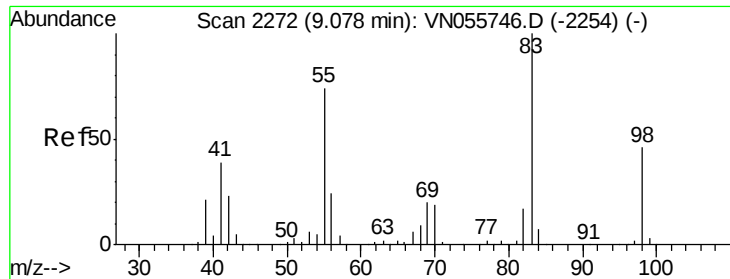
#38
Carbon Tetrachloride
Concen: 47.316 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 117 Resp: 218827
Ion Ratio Lower Upper
117 100
119 97.3 79.0 118.6
121 31.8 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

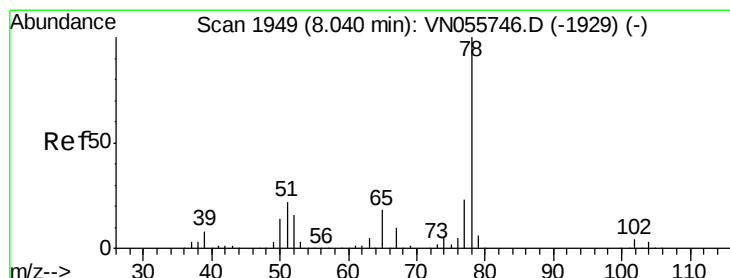
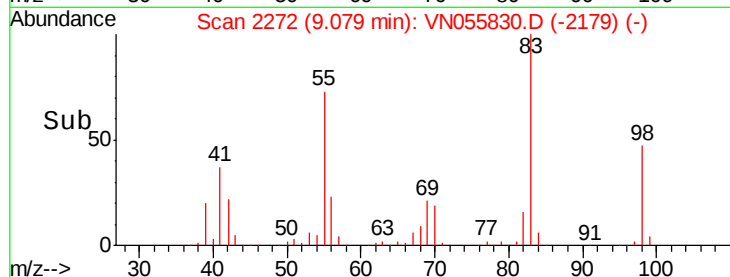
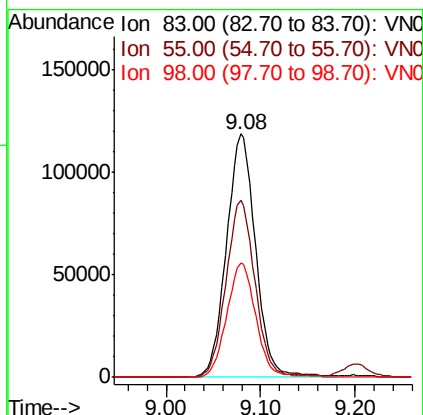
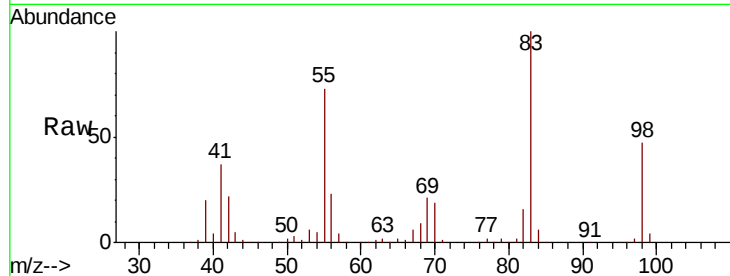




#39
Methvlcvclohexane
Concen: 46.346 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

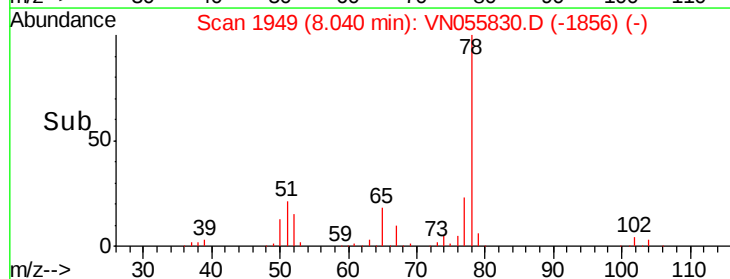
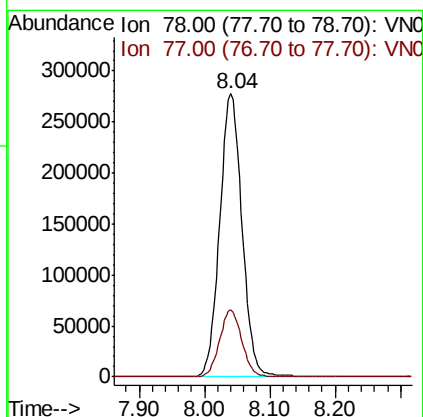
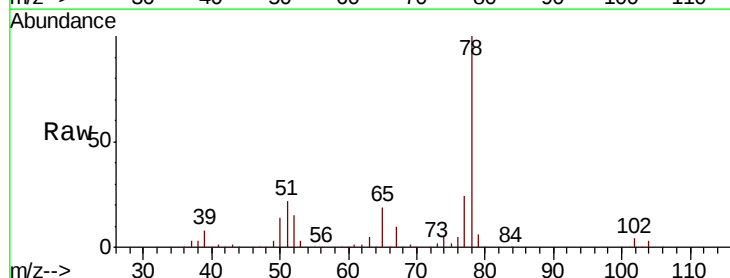
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

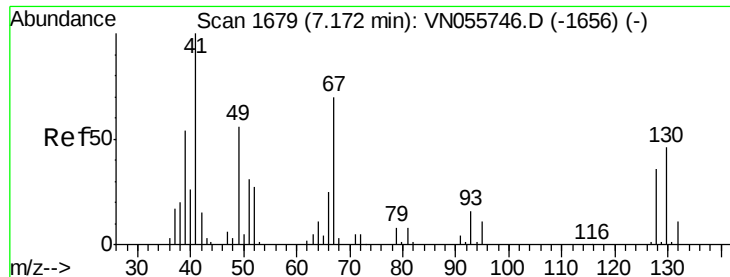
Tot Ion: 83 Resp: 254813
Ion Ratio Lower Upper
83 100
55 72.5 59.3 88.9
98 46.7 36.6 54.8



#40
Benzene
Concen: 49.236 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 78 Resp: 658826
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

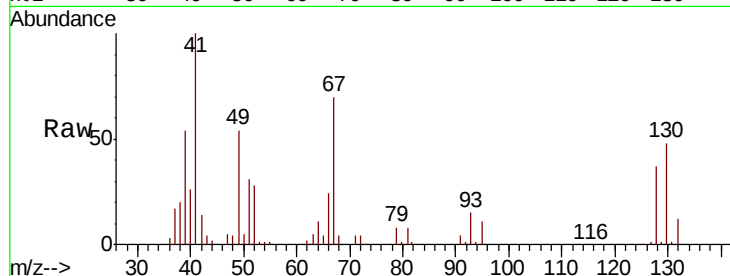




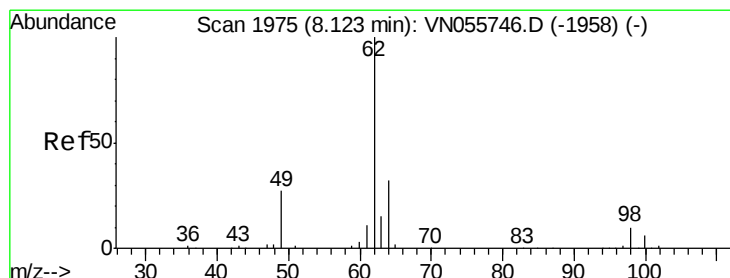
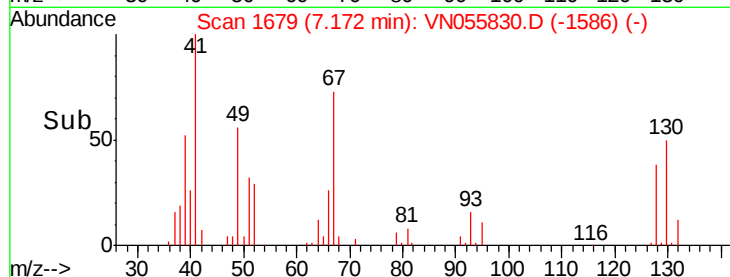
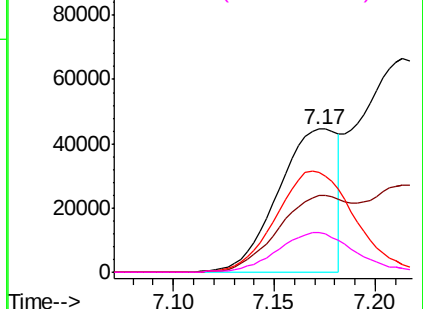
#41
Methacrylonitrile
Concen: 41.921 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

Tot Ion: 41 Resp: 90881
Ion Ratio Lower Upper
41 100
39 67.1 45.6 68.4
67 94.5 67.7 101.5
52 36.7 26.6 40.0

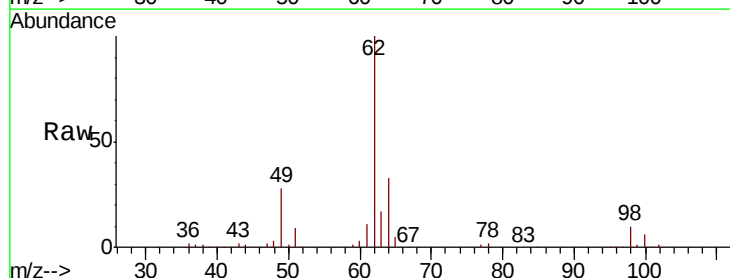


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

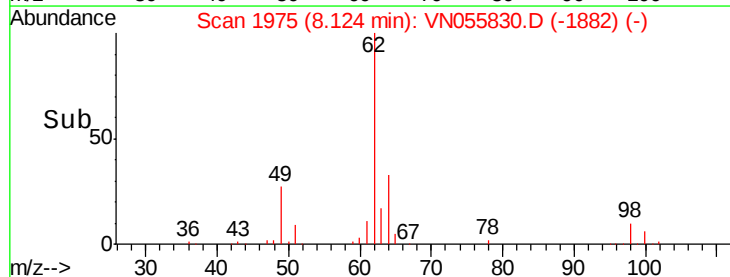
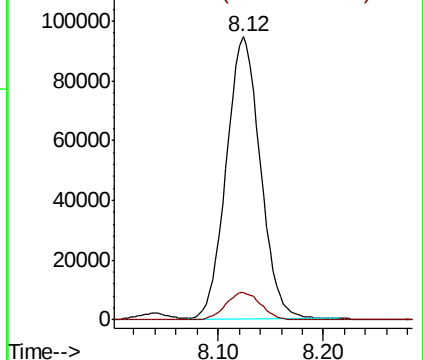


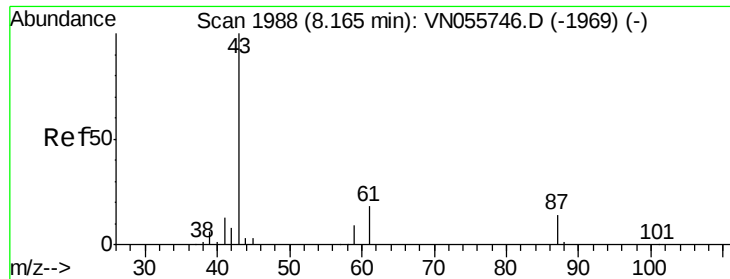
#42
1,2-Dichloroethane
Concen: 48.515 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 62 Resp: 212129
Ion Ratio Lower Upper
62 100
98 10.0 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: 40.761 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

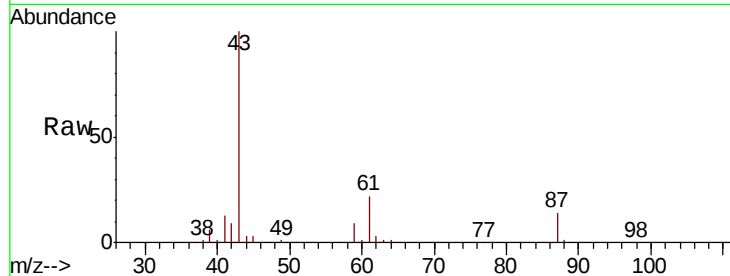
Tot Ion: 43 Resp: 293882

Ion Ratio Lower Upper

43 100

61 21.2 22.2 33.4#

87 14.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)

8.17

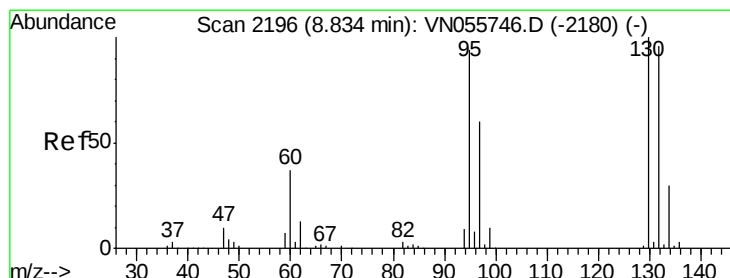
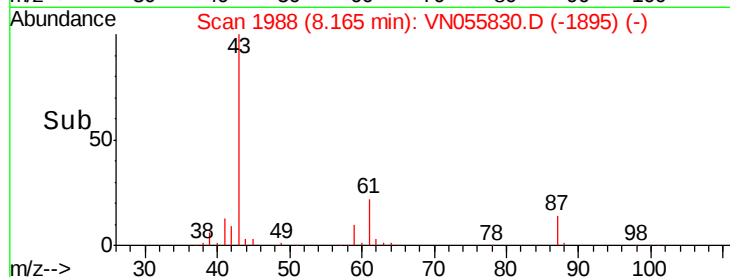
150000

100000

50000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 50.283 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055830.D

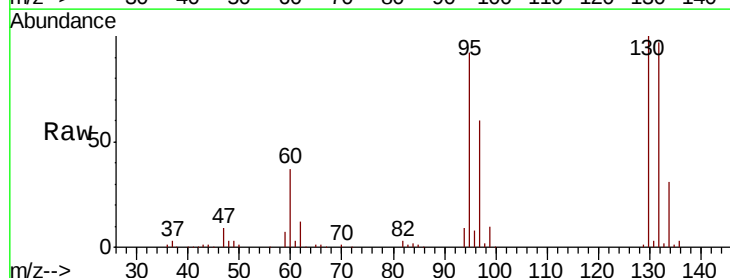
Acq: 25 May 2019 6:19

Tgt Ion:130 Resp: 187575

Ion Ratio Lower Upper

130 100

95 92.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)

8.83

100000

80000

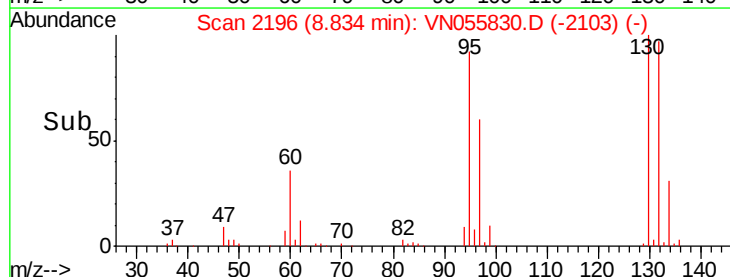
60000

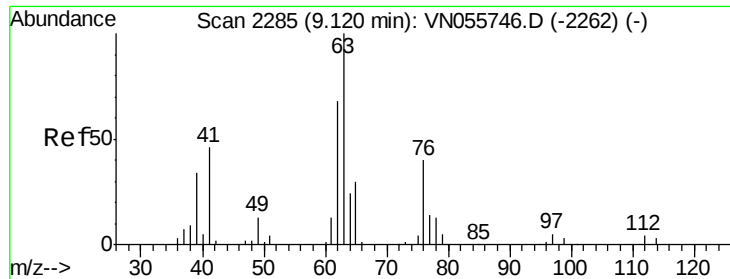
40000

20000

0

Time--> 8.75 8.80 8.85 8.90

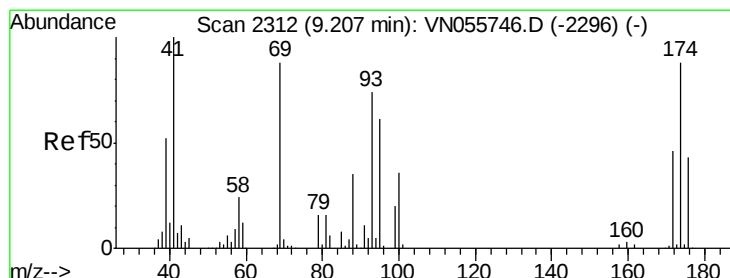
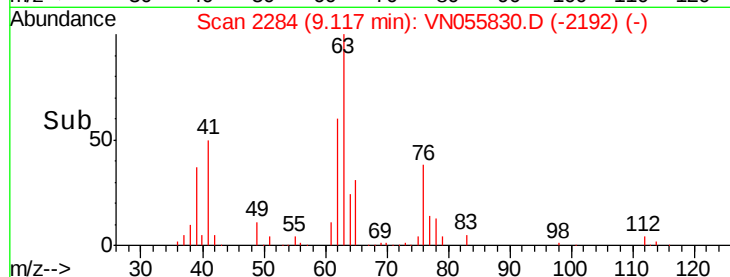
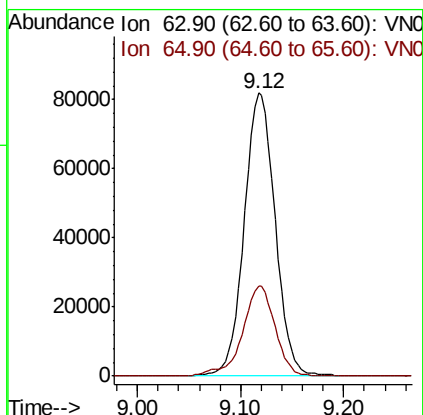
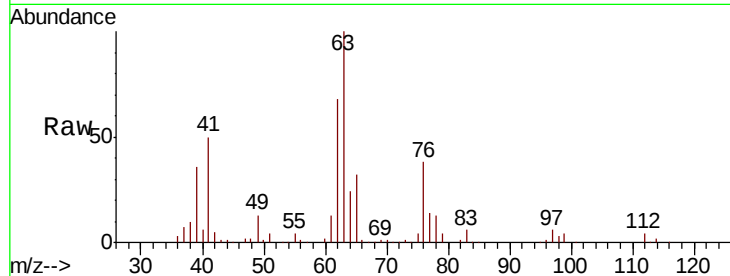




#45
 1,2-Dichloropropane
 Concen: 48.980 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

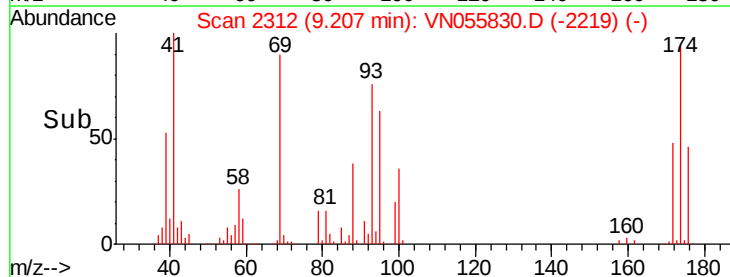
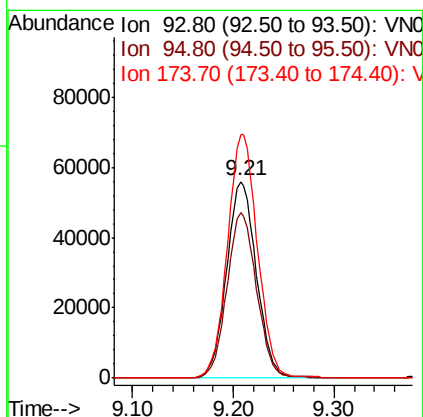
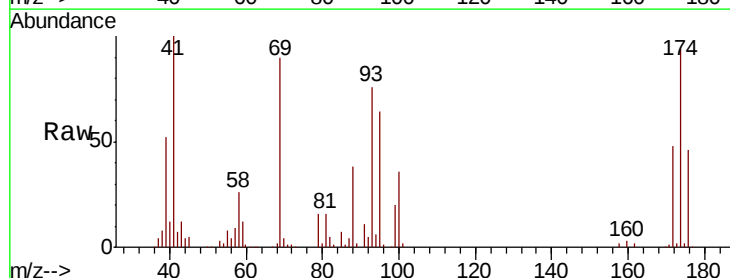
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

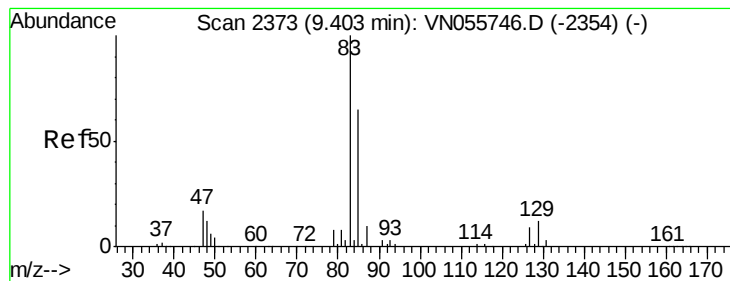
Tot Ion: 63 Resp: 170760
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 36.8



#46
 Dibromomethane
 Concen: 50.396 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 93 Resp: 115225
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.7 100.1
 174 125.1 96.4 144.6





#47

Bromodichloromethane

Concen: 48.139 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

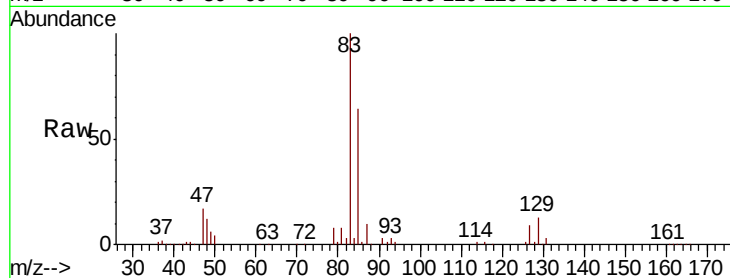
Tot Ion: 83 Resp: 225687

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2

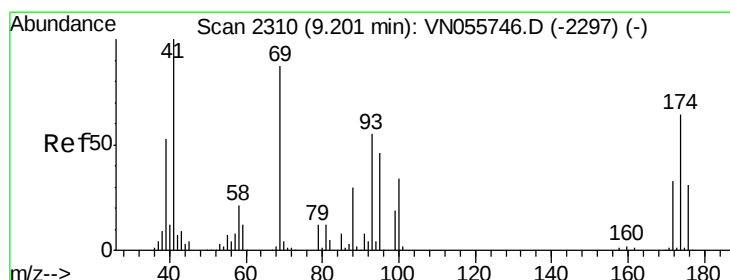
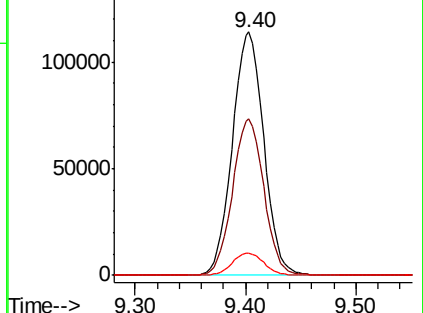
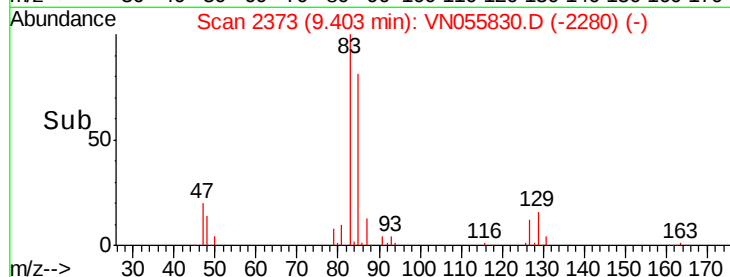
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055830.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055830.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055830.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.313 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

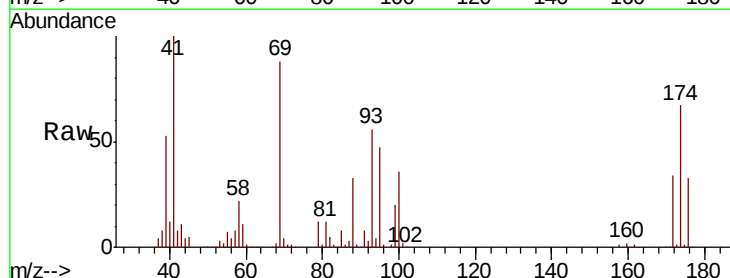
Tgt Ion: 41 Resp: 167182

Ion Ratio Lower Upper

41 100

69 88.6 71.0 106.6

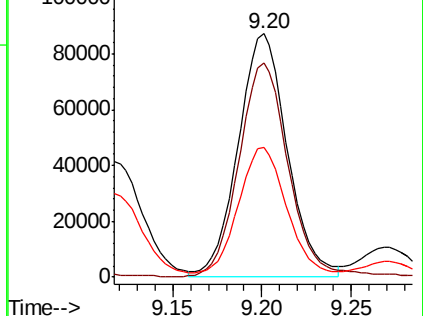
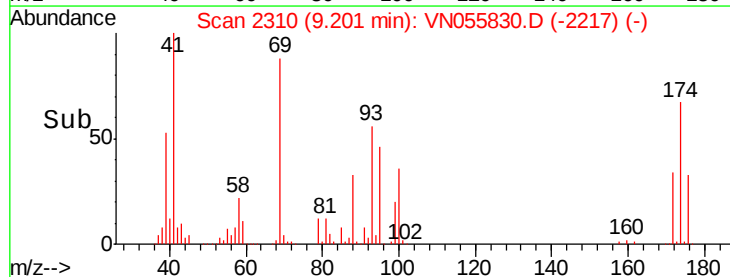
39 52.9 44.2 66.2

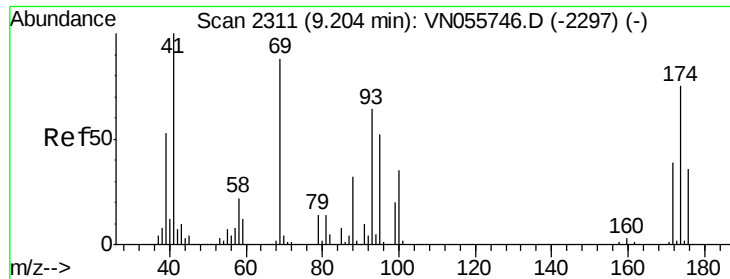


Abundance Ion 41.00 (40.70 to 41.70): VN055830.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055830.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055830.D (-2217) (-)





#49

1,4-Dioxane

Concen: 942.667 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

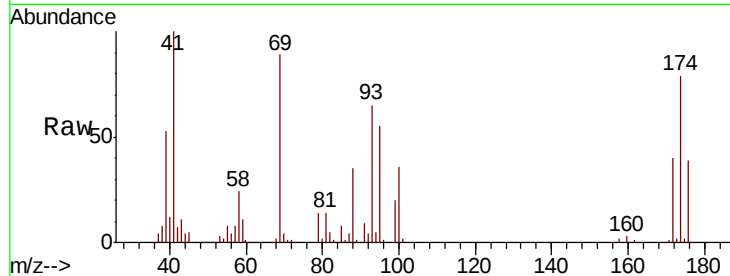
Tot Ion: 88 Resp: 65093

Ion Ratio Lower Upper

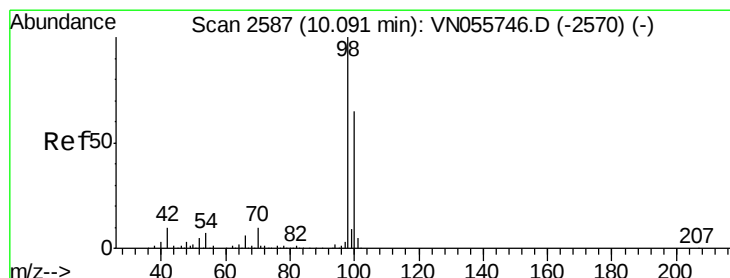
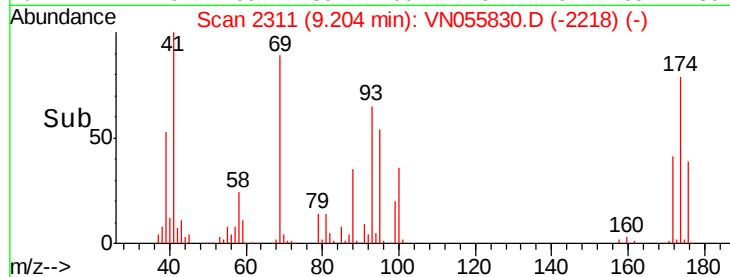
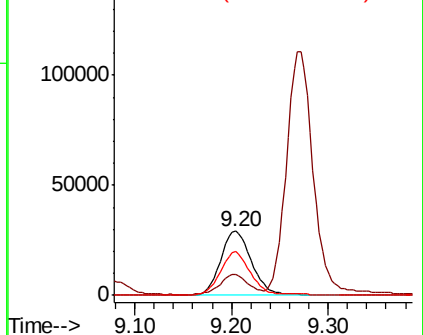
88 100

43 28.4 20.5 30.7

58 67.7 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: 50.682 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055830.D

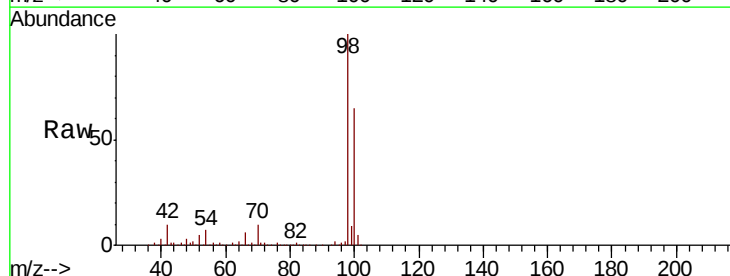
Acq: 25 May 2019 6:19

Tgt Ion: 98 Resp: 626213

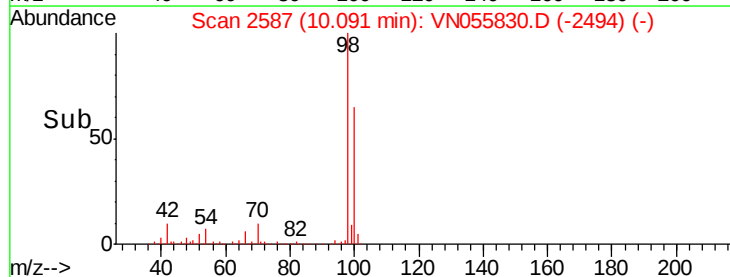
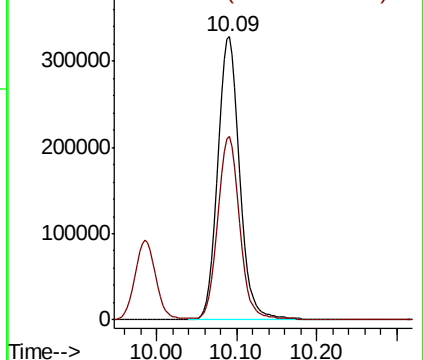
Ion Ratio Lower Upper

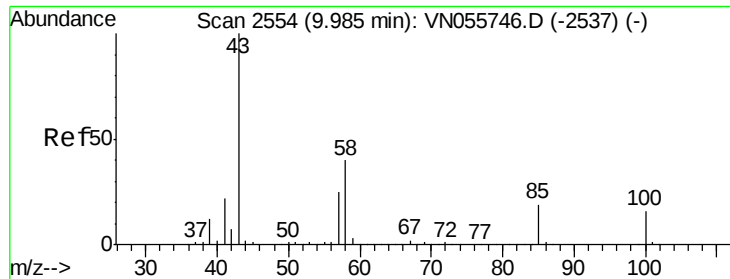
98 100

100 65.2 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: 242.879 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

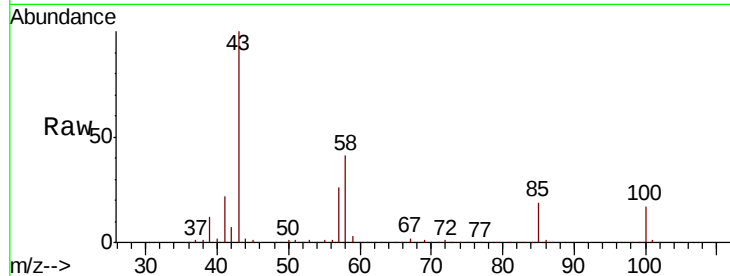
MW2-R1-1MSD

Tot Ion: 43 Resp: 1034223

Ion Ratio Lower Upper

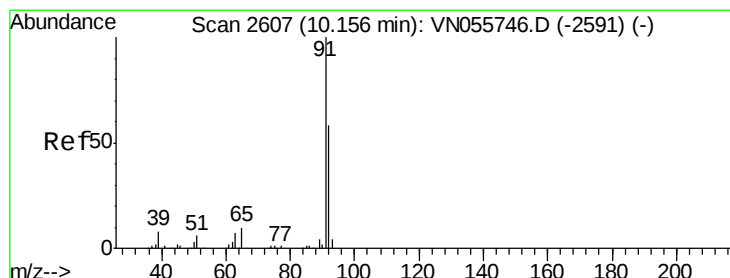
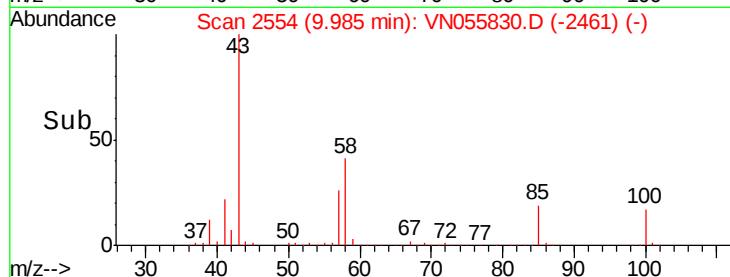
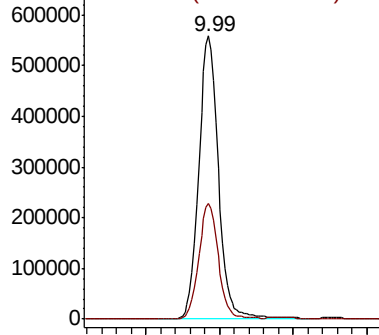
43 100

58 40.7 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: 50.414 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055830.D

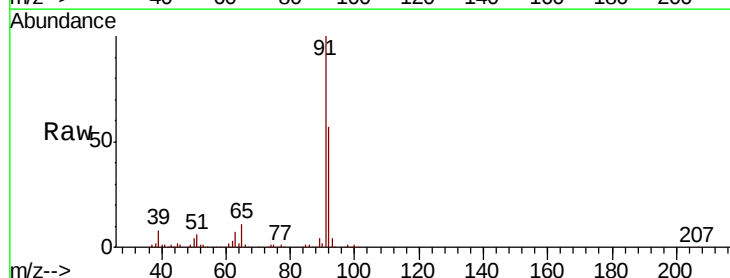
Acq: 25 May 2019 6:19

Tgt Ion: 92 Resp: 424266

Ion Ratio Lower Upper

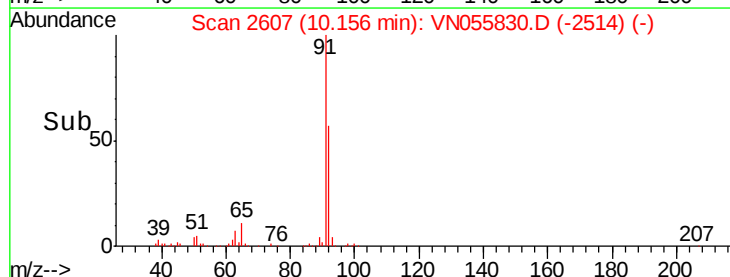
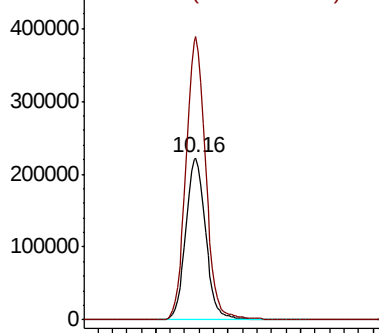
92 100

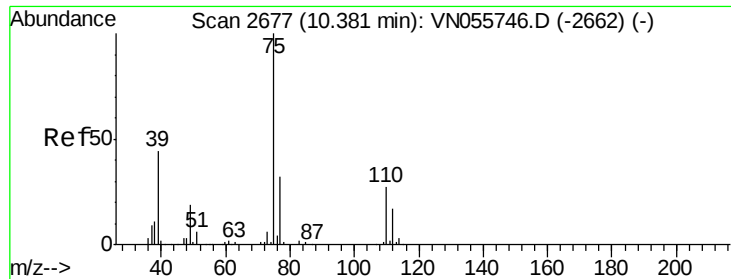
91 173.3 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

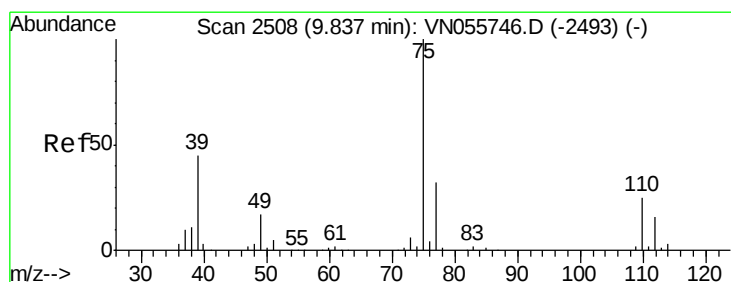
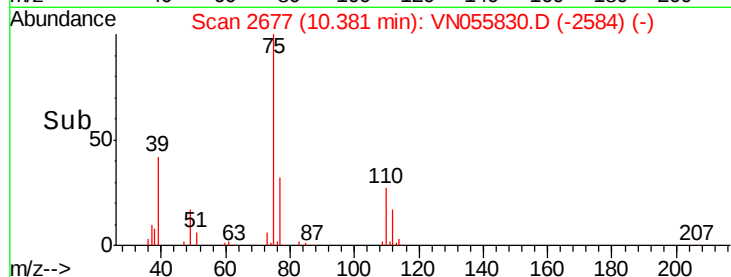
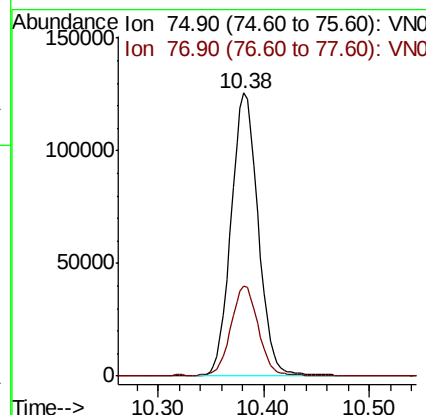
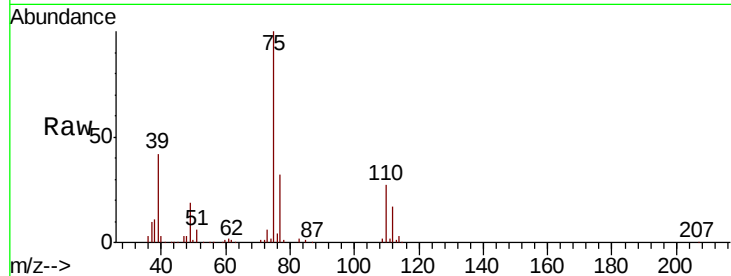




#53
t-1,3-Dichloropropene
Concen: 44.826 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

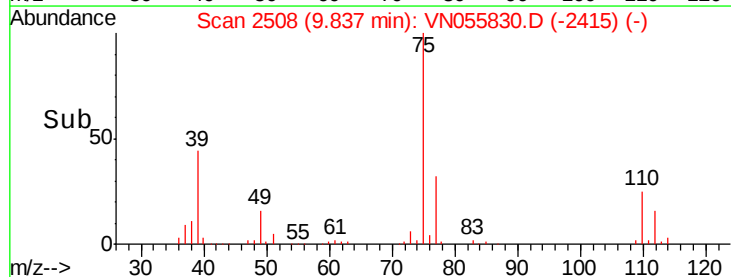
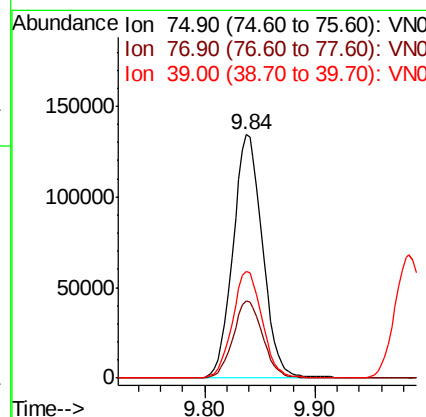
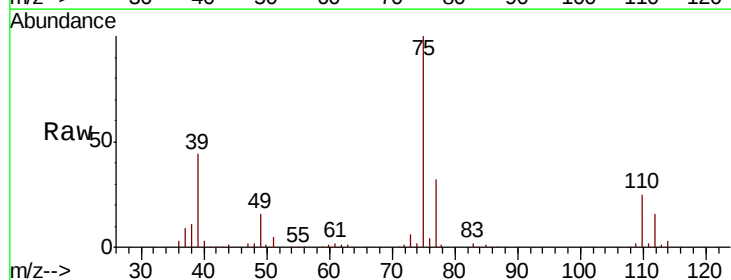
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

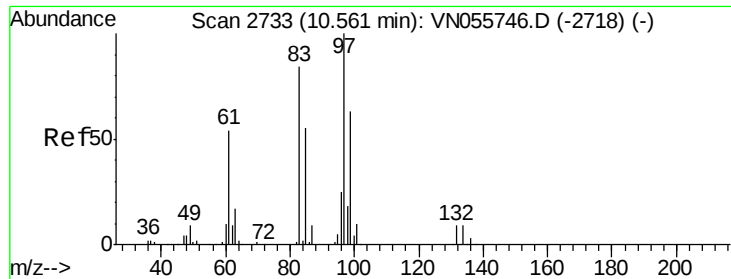
Tot Ion: 75 Resp: 224324
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 45.031 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 75 Resp: 249646
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 44.0 36.3 54.5

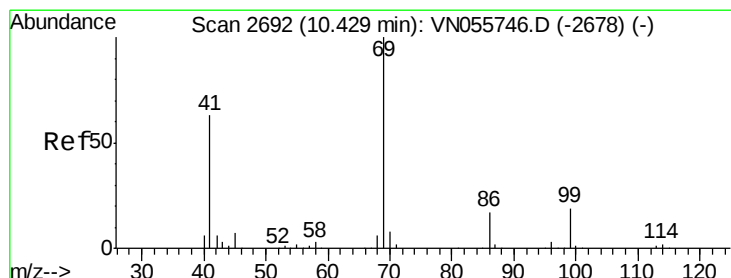
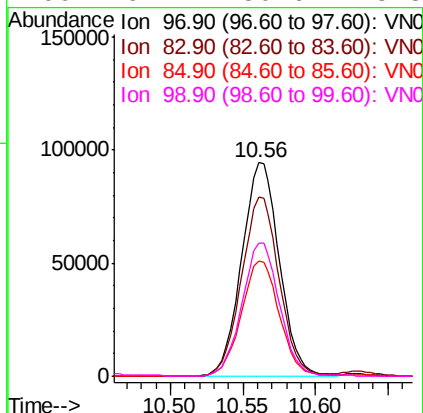
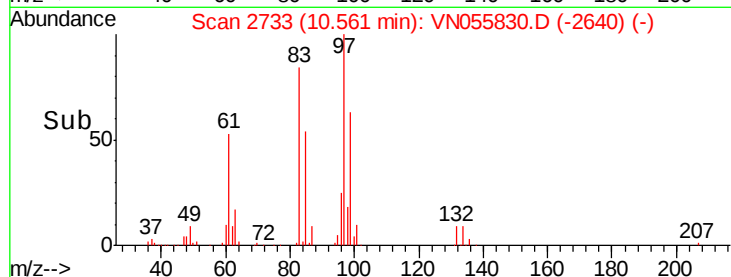
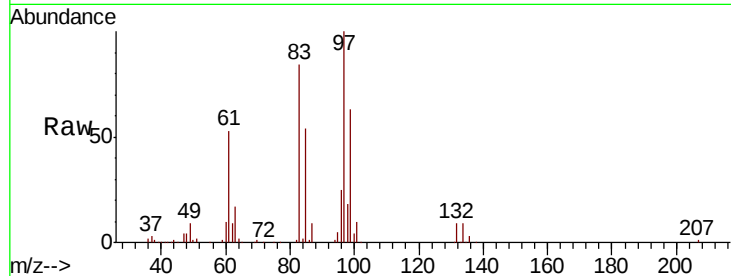




#55
 1,1,2-Trichloroethane
 Concen: 50.707 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

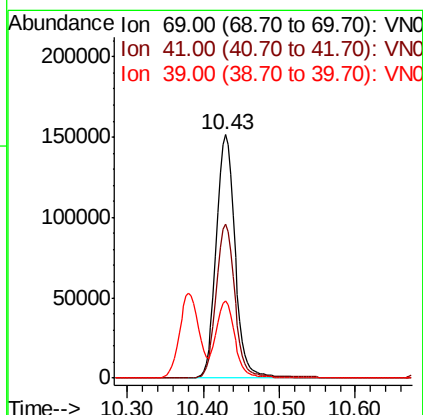
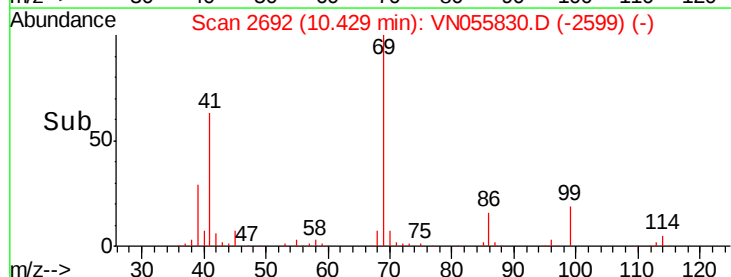
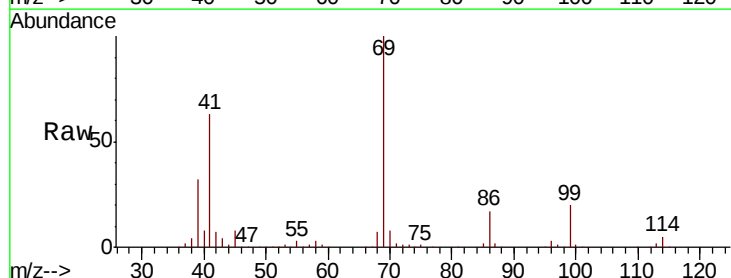
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

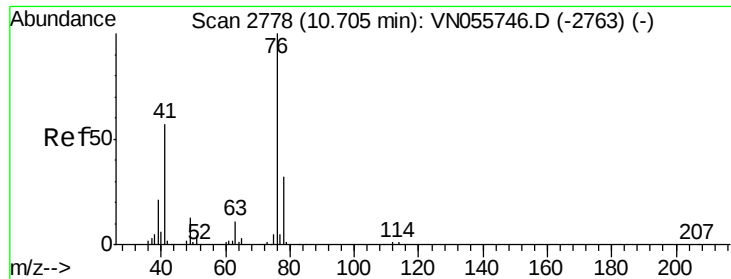
Tot Ion:	97	Resp:	170954
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.0	100.6
85	54.2	44.0	66.0
99	62.4	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 50.009 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion:	69	Resp:	260572
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	31.8	24.7	37.1

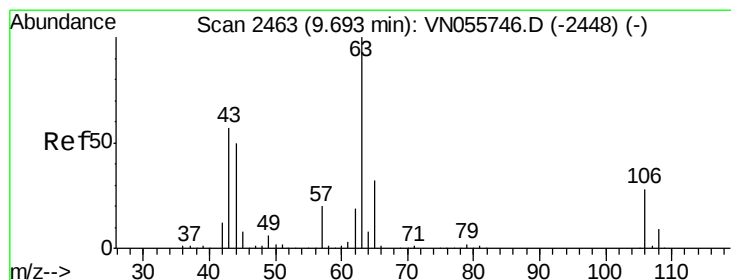
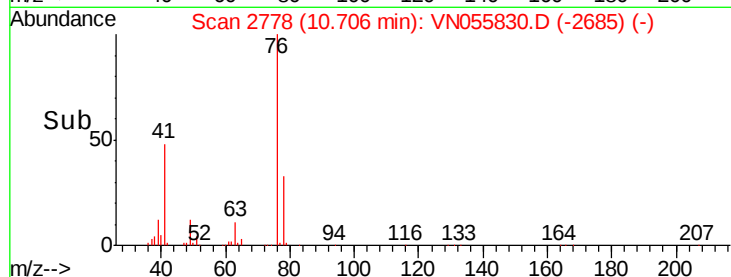
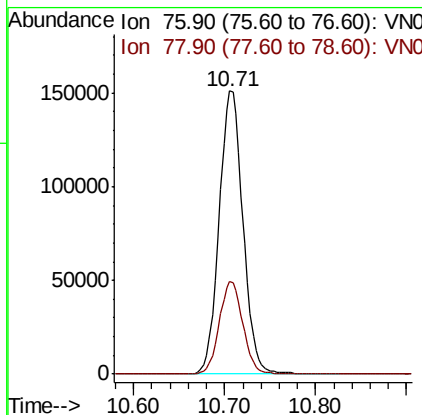
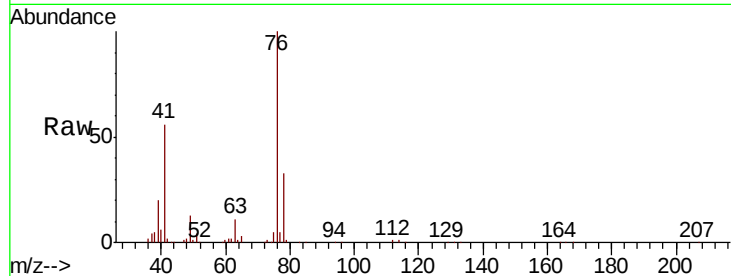




#57
 1,3-Dichloropropane
 Concen: 50.050 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

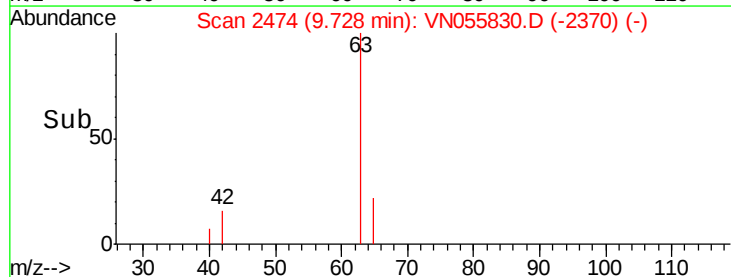
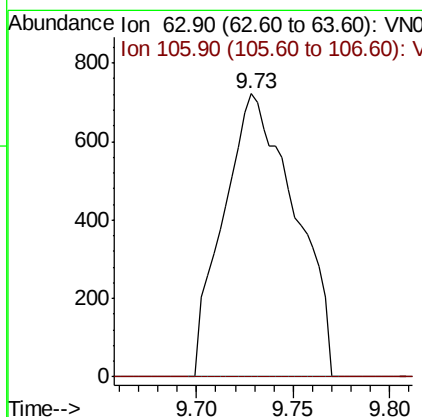
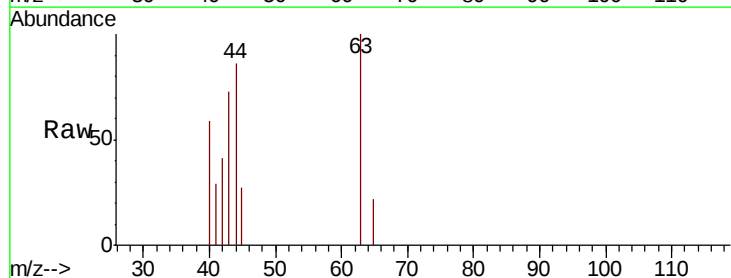
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

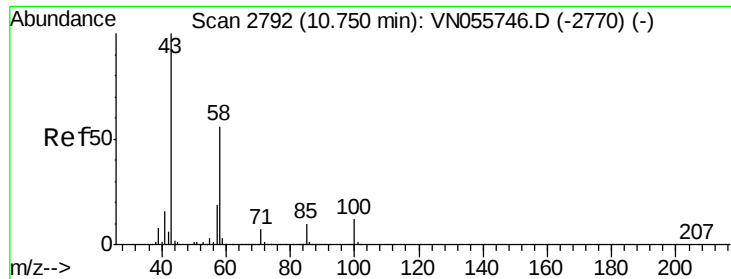
Tot Ion: 76 Resp: 274283
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.929 ug/l
 RT: 9.73 min Scan# 2474
 Delta R.T. 0.04 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 63 Resp: 1850
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

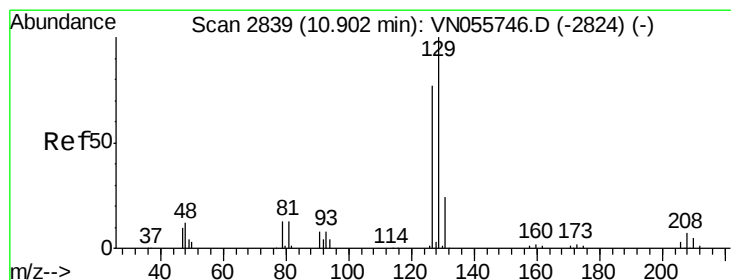
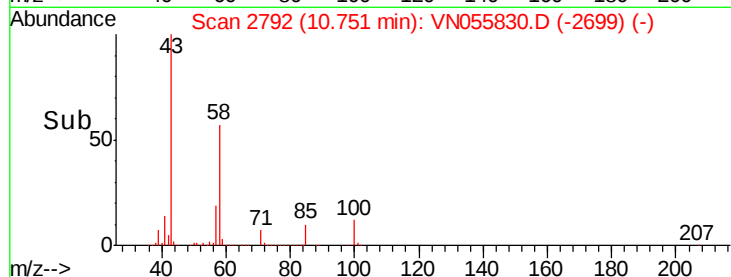
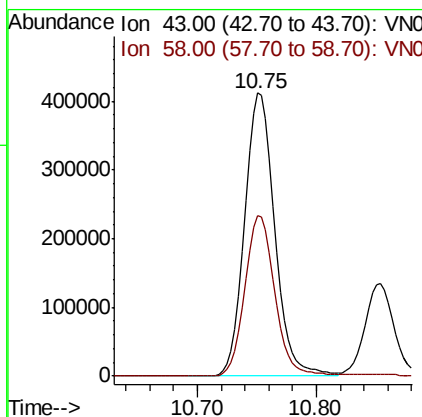
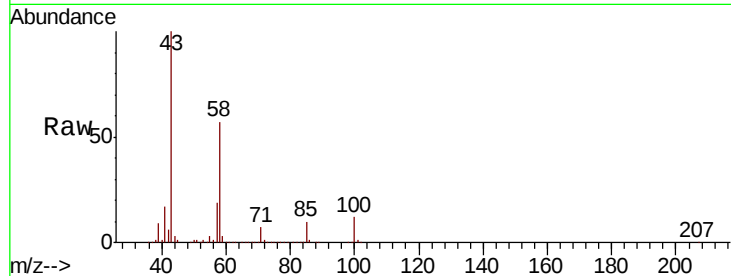




#59
2-Hexanone
Concen: 239.258 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

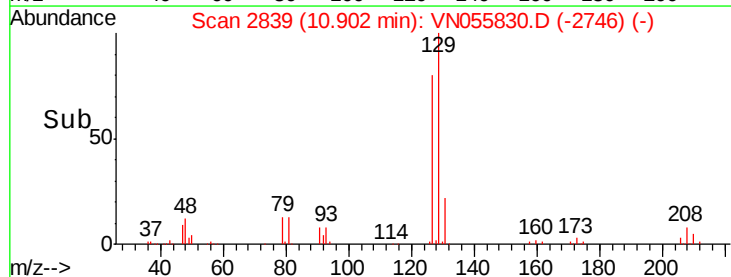
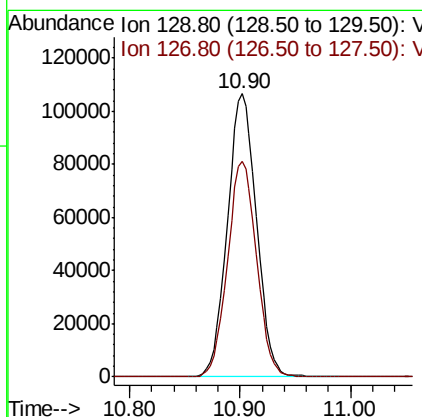
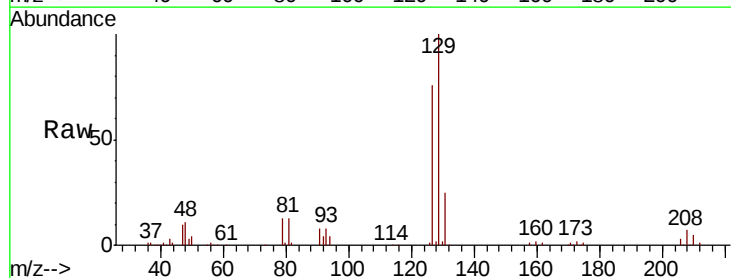
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

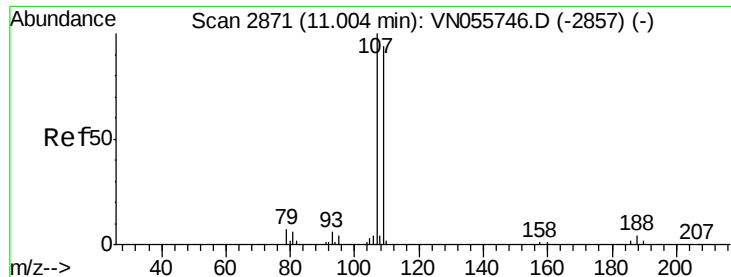
Tot Ion: 43 Resp: 722748
Ion Ratio Lower Upper
43 100
58 56.6 28.2 84.7



#60
Dibromochloromethane
Concen: 49.636 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 129 Resp: 194947
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.3

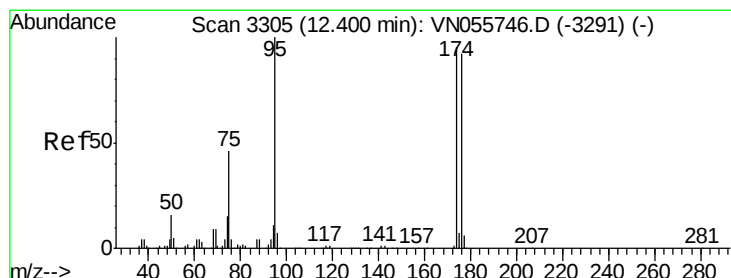
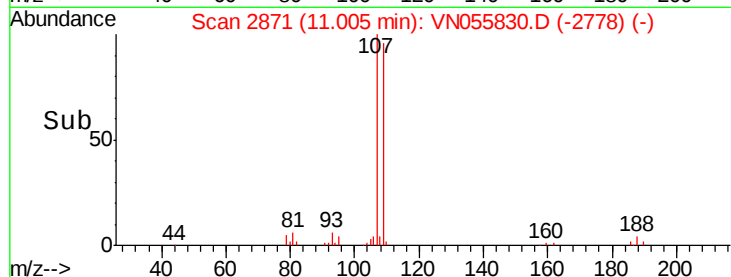
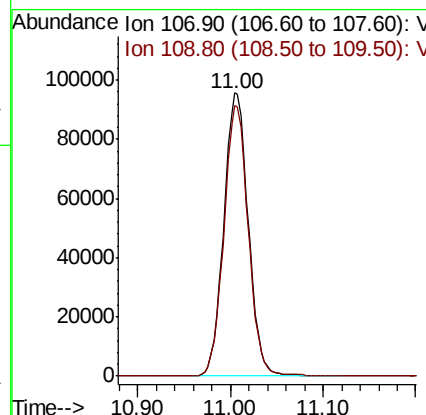
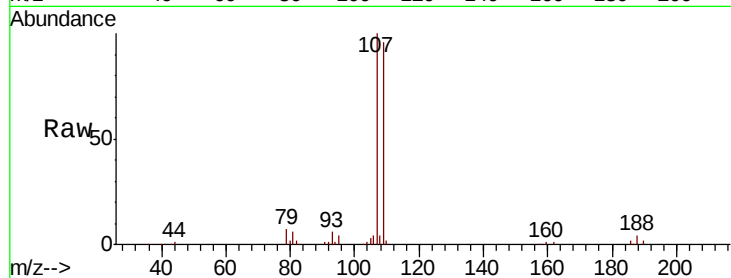




#61
 1,2-Dibromoethane
 Concen: 50.081 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

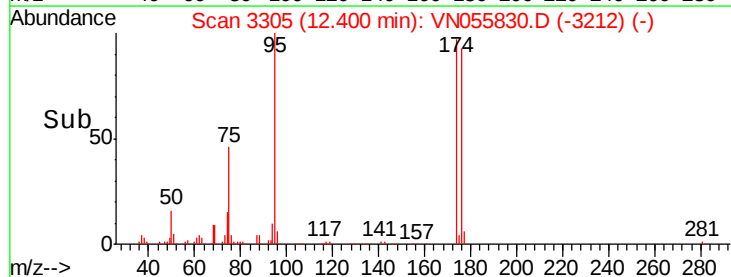
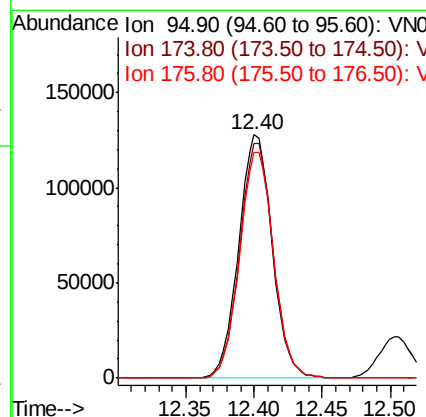
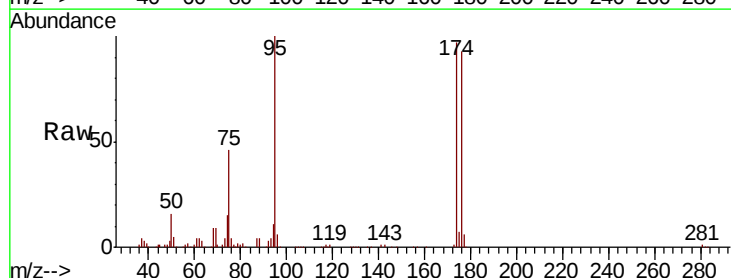
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

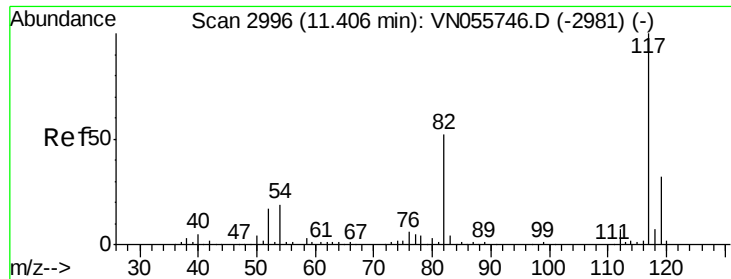
Tot Ion:107 Resp: 175132
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.412 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 95 Resp: 217816
 Ion Ratio Lower Upper
 95 100
 174 96.4 0.0 191.0
 176 93.9 0.0 185.2

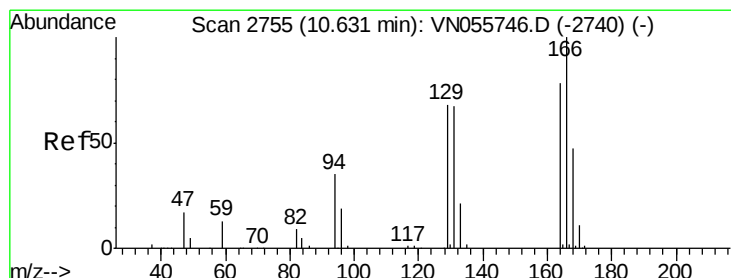
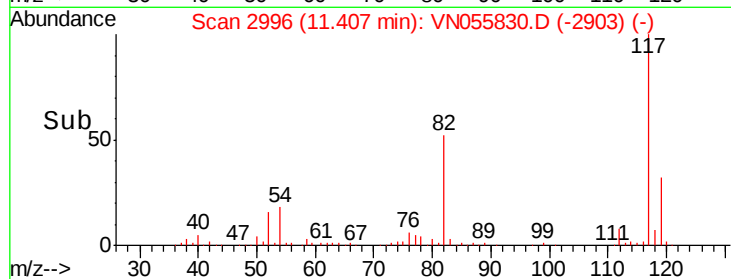
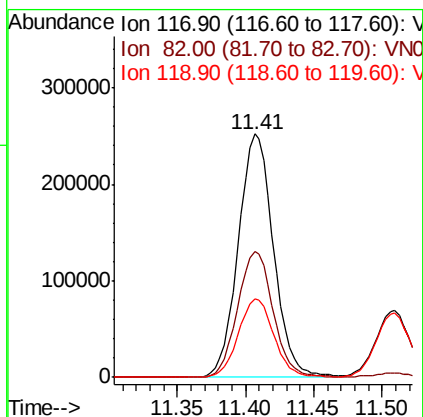
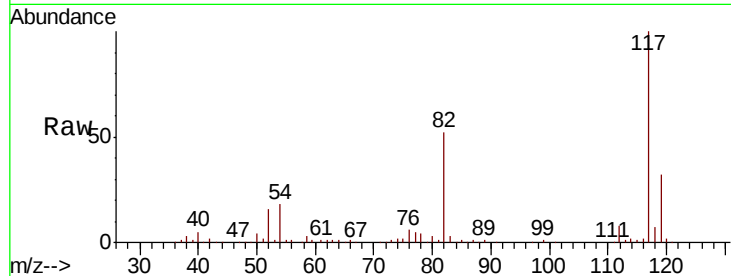




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

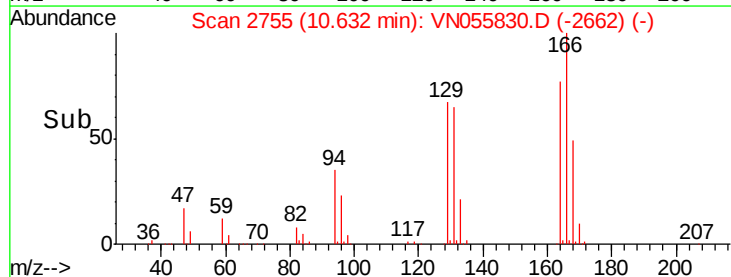
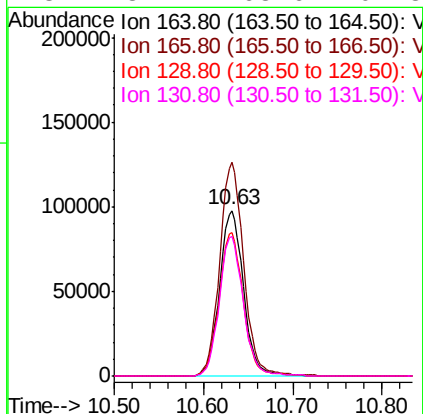
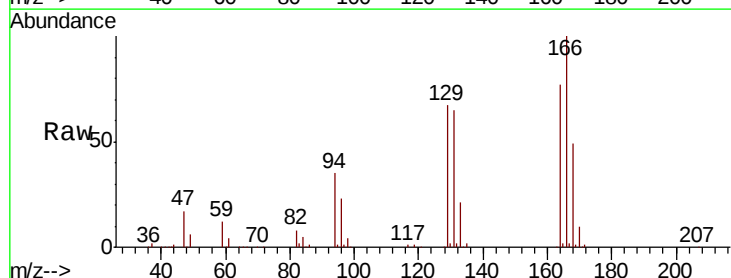
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

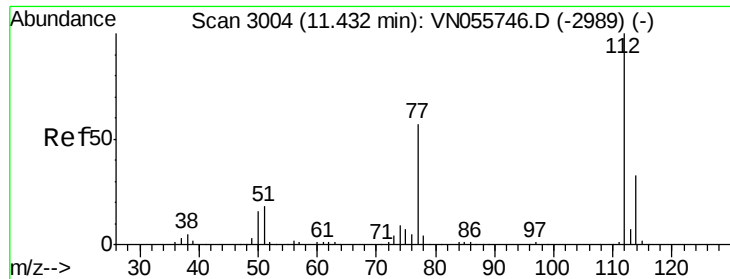
Tot Ion:117 Resp: 452508
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 47.663 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion:164 Resp: 181907
Ion Ratio Lower Upper
164 100
166 129.3 103.0 154.6
129 87.0 70.6 105.8
131 84.2 68.6 102.8

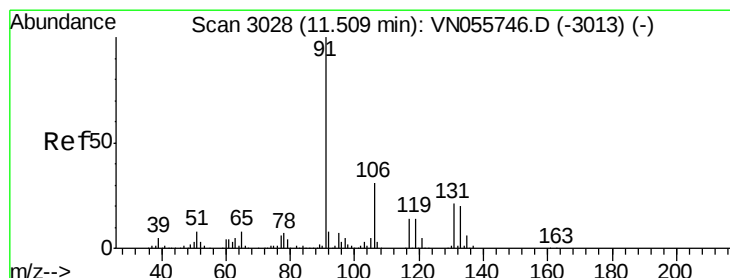
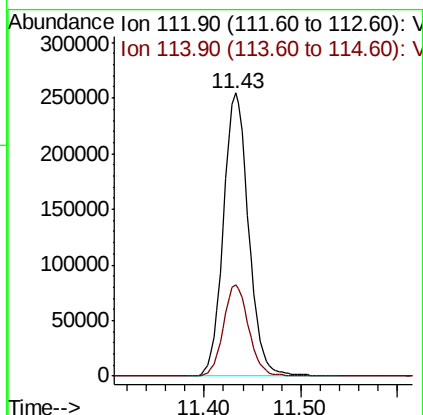
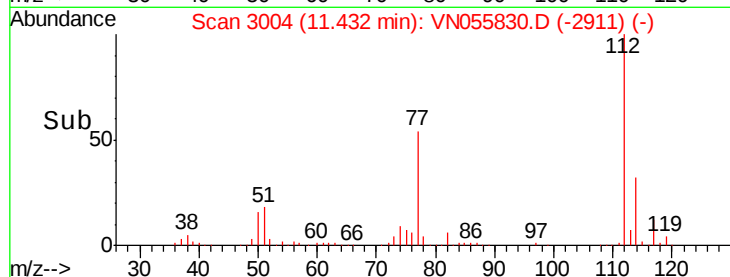
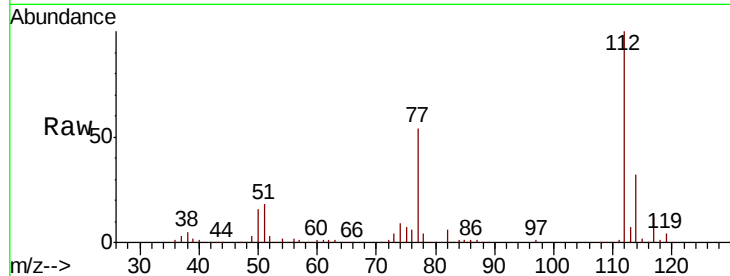




#65
Chlorobenzene
Concen: 50.815 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

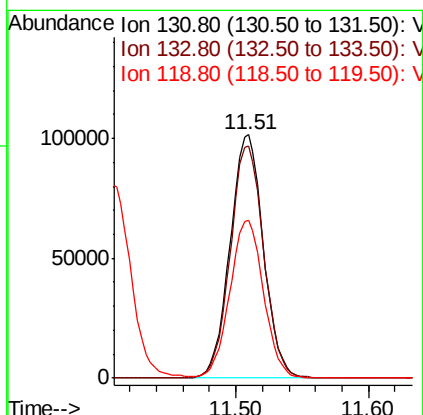
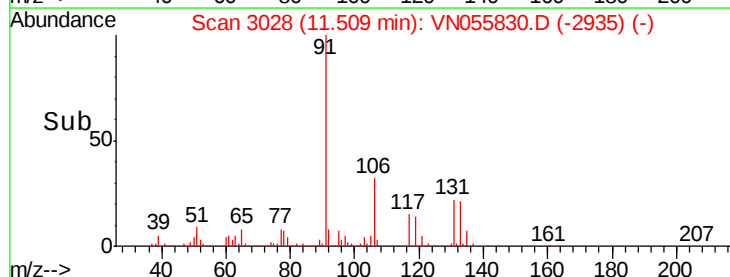
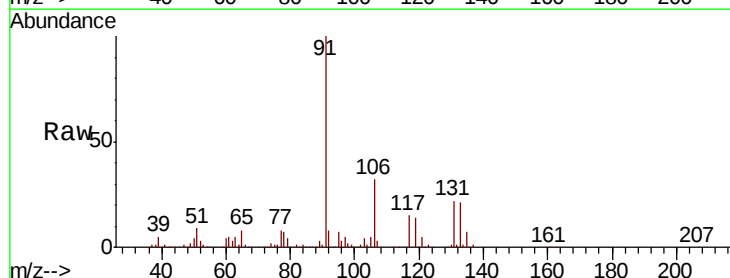
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

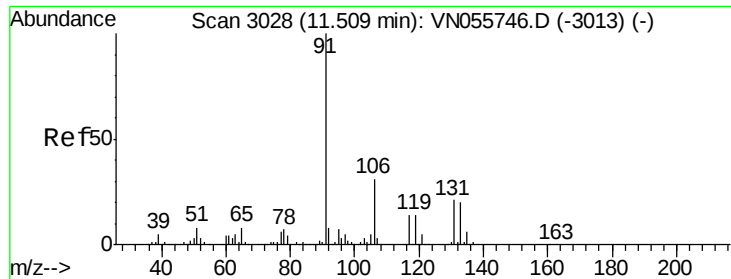
Tot Ion:112 Resp: 460313
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.986 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion:131 Resp: 176984
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 65.8 33.1 99.5

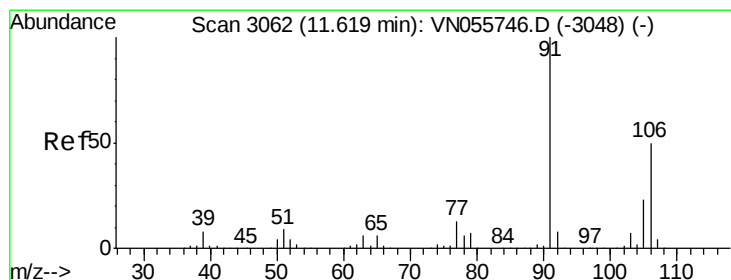
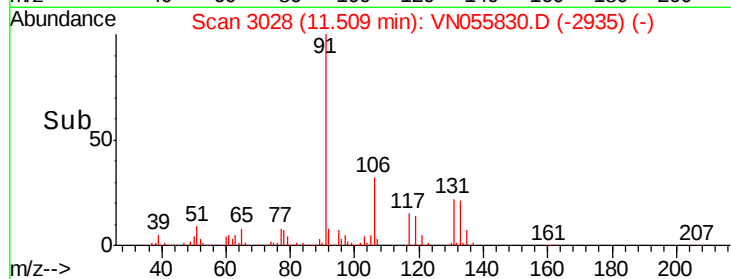
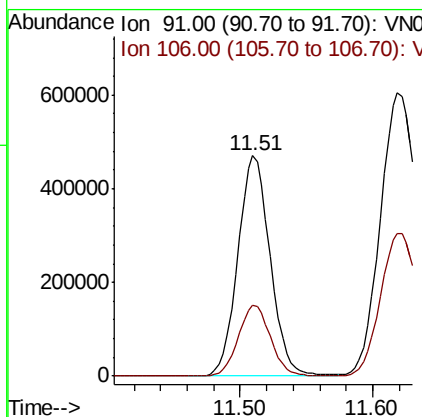
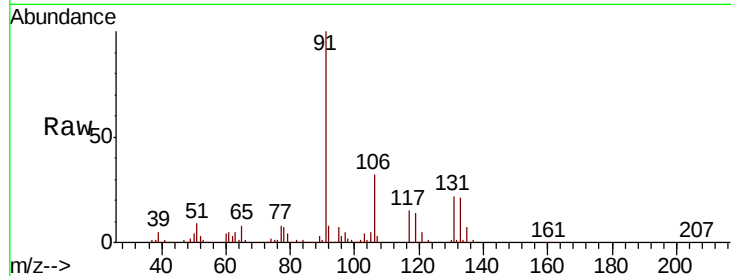




#67
Ethyl Benzene
Concen: 49.055 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

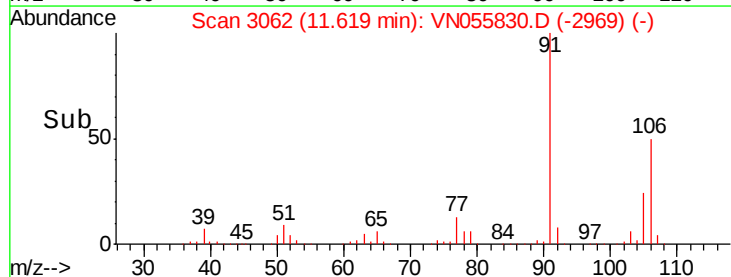
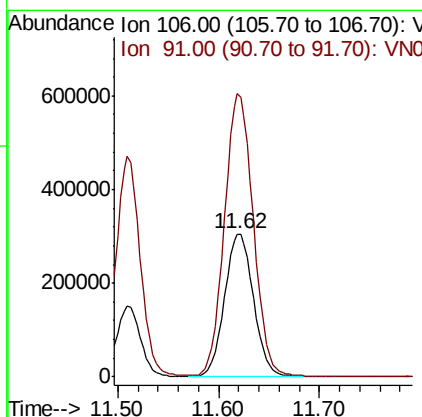
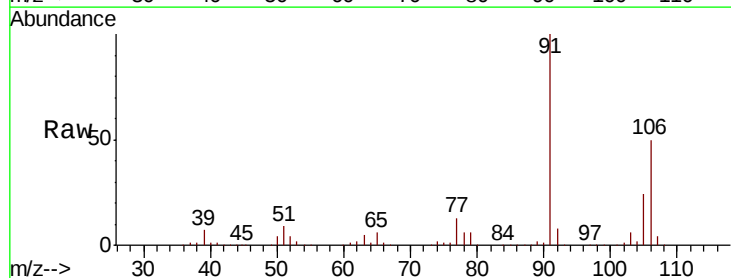
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

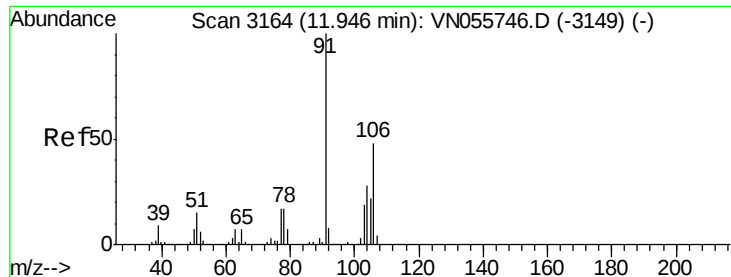
Tot Ion: 91 Resp: 796888
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 99.655 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion: 106 Resp: 612015
Ion Ratio Lower Upper
106 100
91 197.2 159.3 238.9

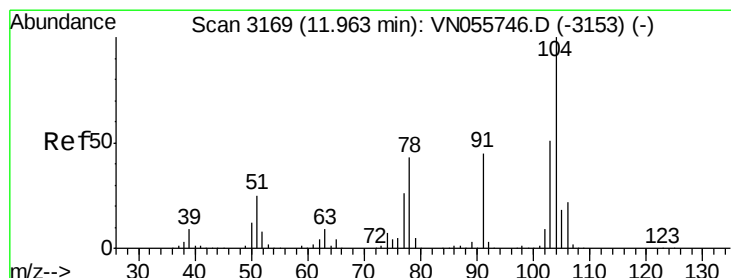
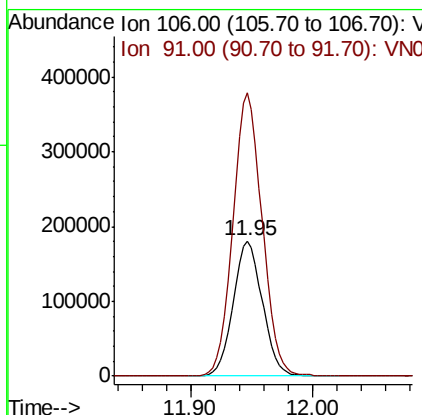
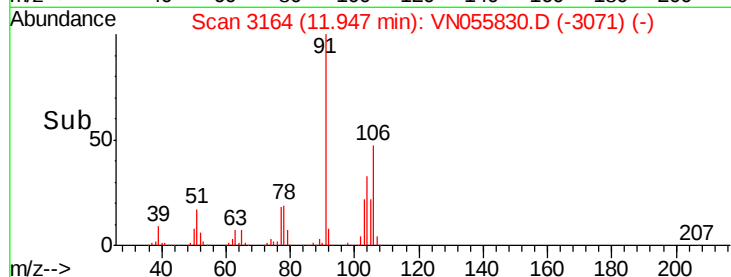
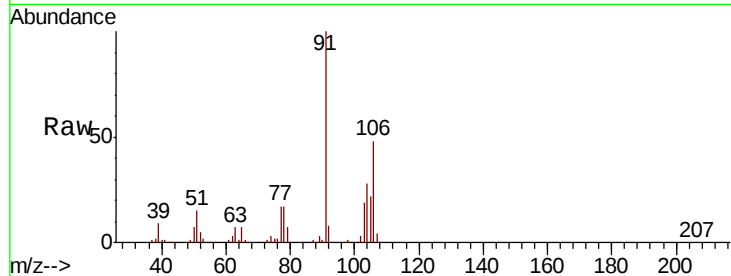




#69
o-Xylene
Concen: 49.188 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

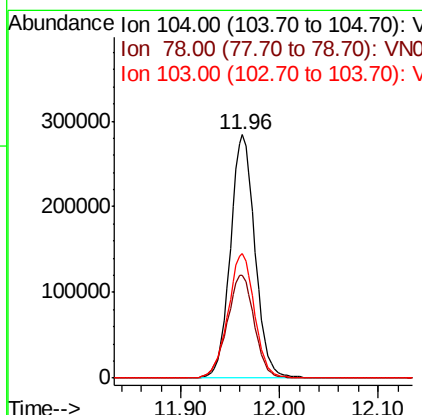
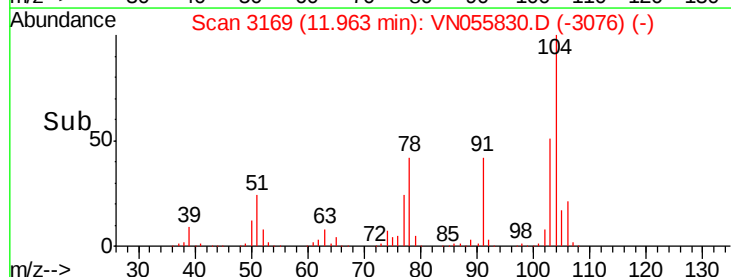
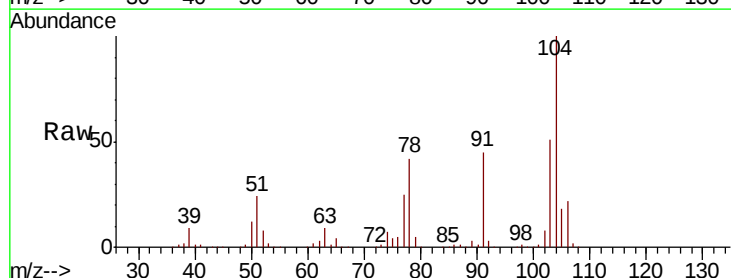
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

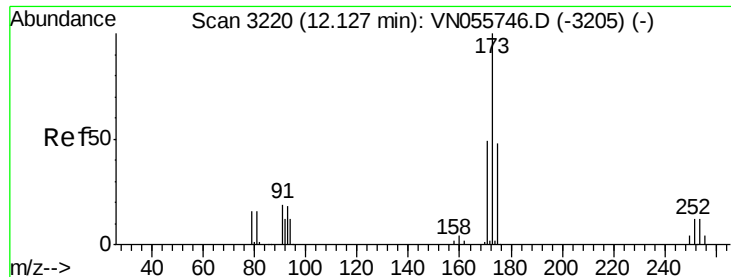
Tot Ion:106 Resp: 299705
Ion Ratio Lower Upper
106 100
91 209.4 104.7 314.1



#70
Styrene
Concen: 50.056 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion:104 Resp: 493904
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.6
103 55.3 44.2 66.2

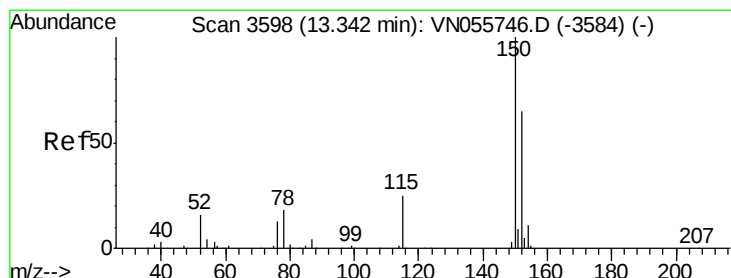
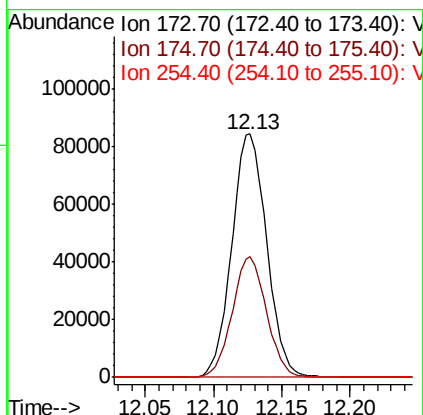
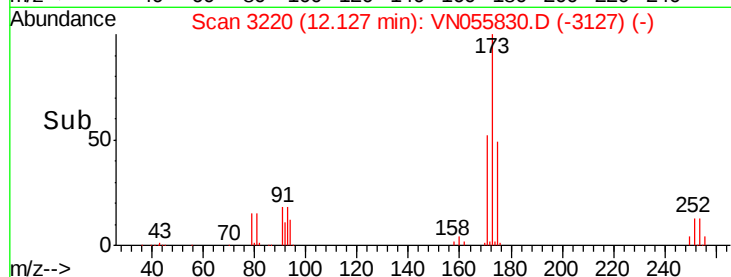
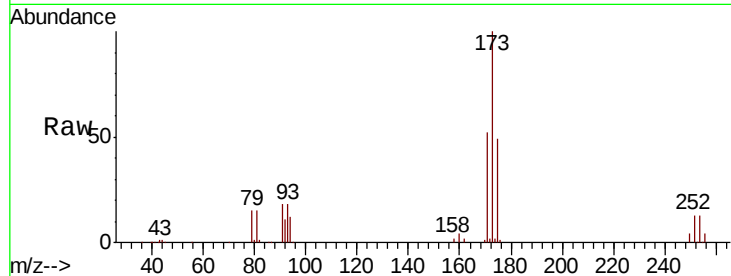




#71
Bromoform
Concen: 48.543 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

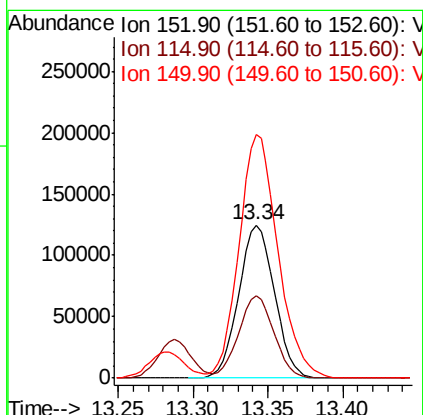
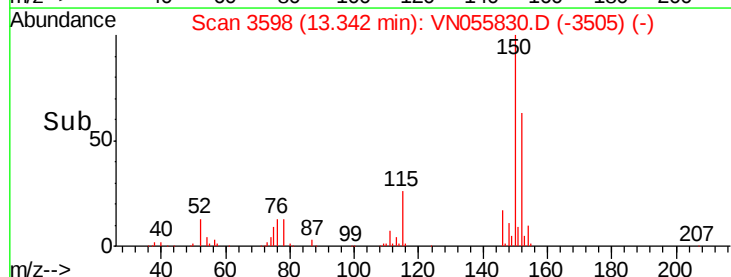
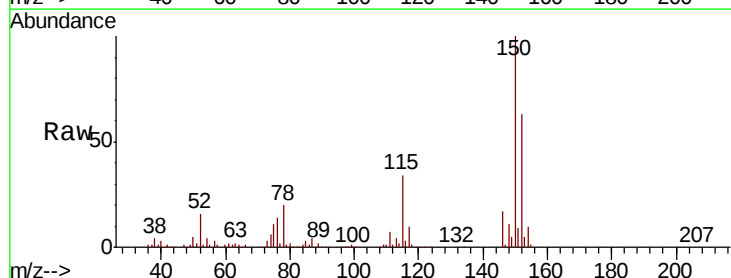
Instrument :
MSVOA_N
ClientSampled :
MW2-R1-1MSD

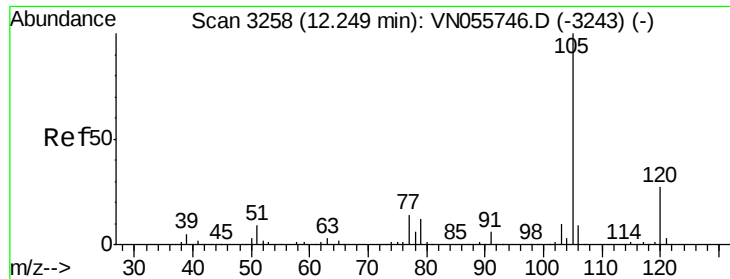
Tot Ion:173 Resp: 149594
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion:152 Resp: 207853
Ion Ratio Lower Upper
152 100
115 52.9 27.0 81.0
150 172.8 0.0 343.2





#73

Isopropylbenzene

Concen: 53.675 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

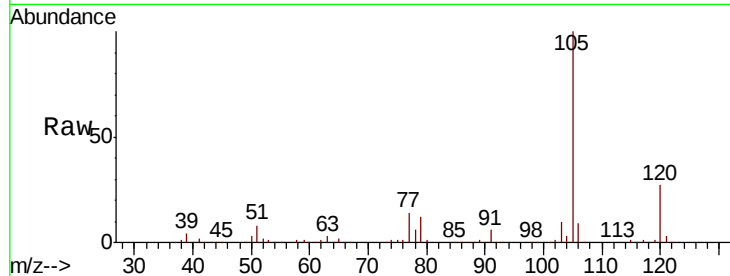
MW2-R1-1MSD

Tot Ion:105 Resp: 790707

Ion Ratio Lower Upper

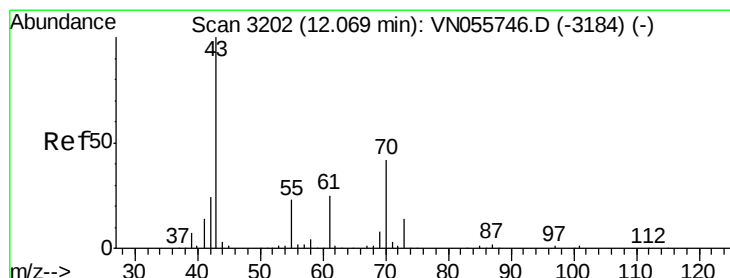
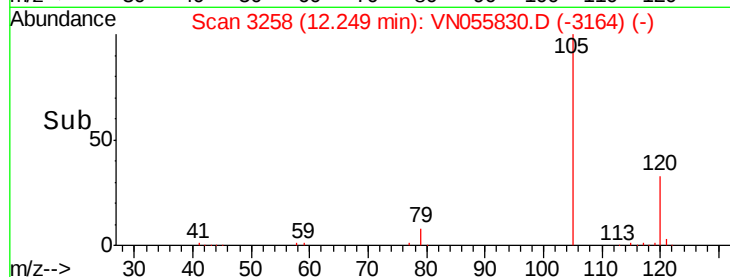
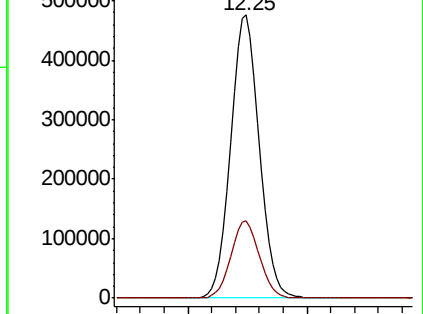
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 38.857 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Tgt Ion: 43 Resp: 221565

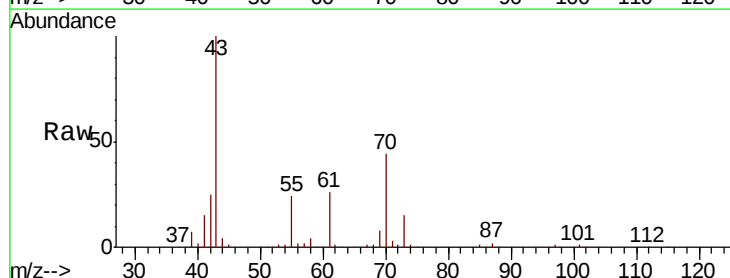
Ion Ratio Lower Upper

43 100

70 44.1 34.0 51.0

55 24.2 18.6 28.0

61 25.3 20.0 30.0

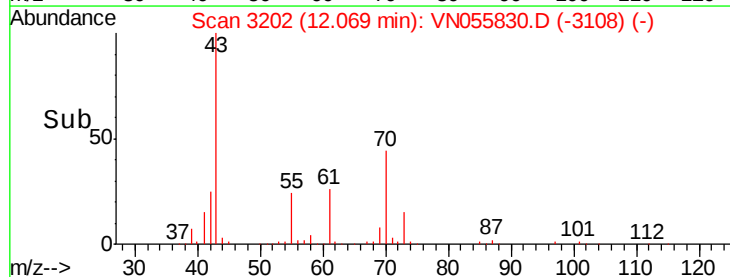
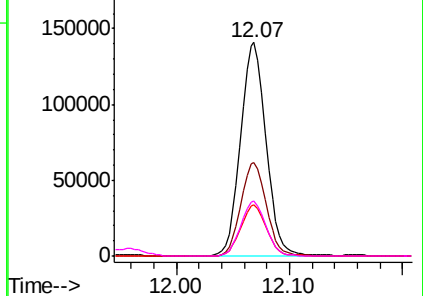


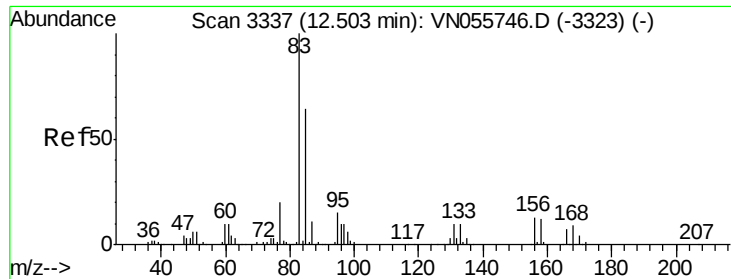
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 54.523 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

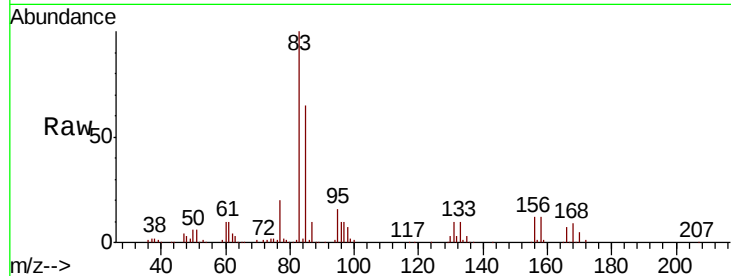
Tot Ion: 83 Resp: 237444

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

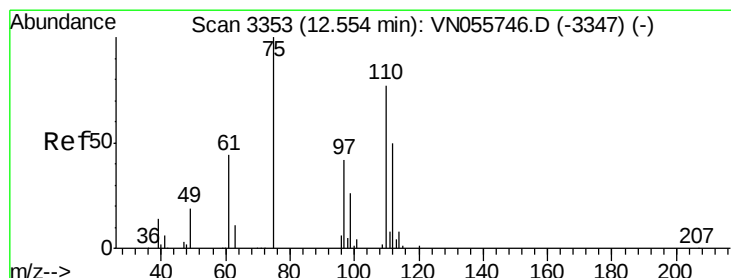
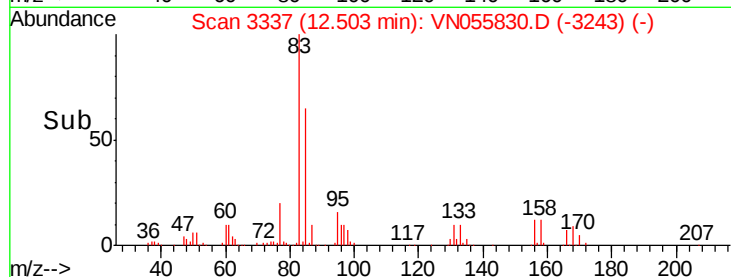
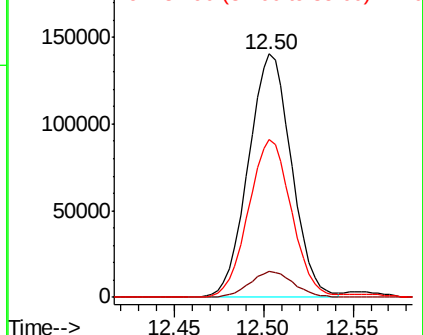
85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055830.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055830.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055830.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 77.953 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055830.D

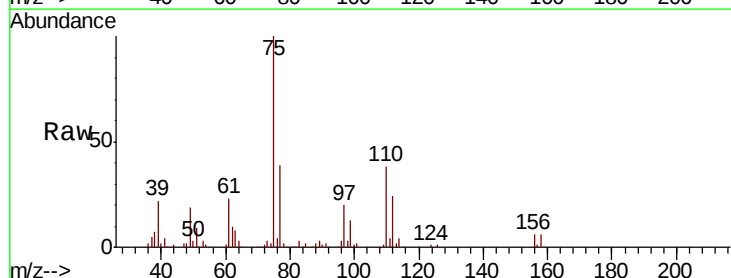
Acq: 25 May 2019 6:19

Tgt Ion: 75 Resp: 272694

Ion Ratio Lower Upper

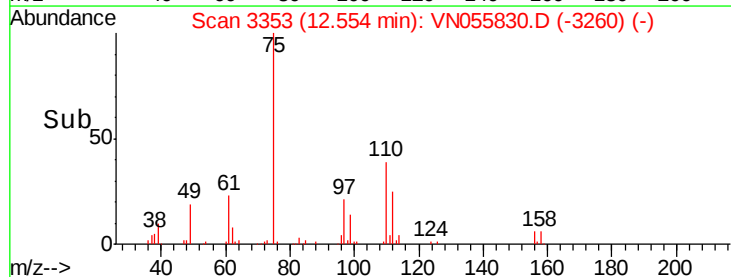
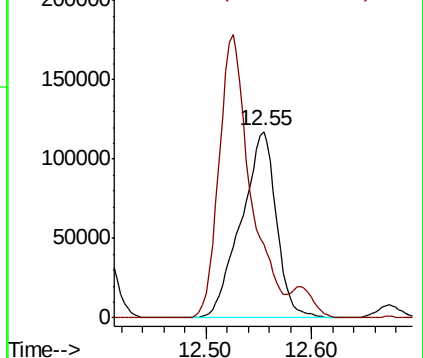
75 100

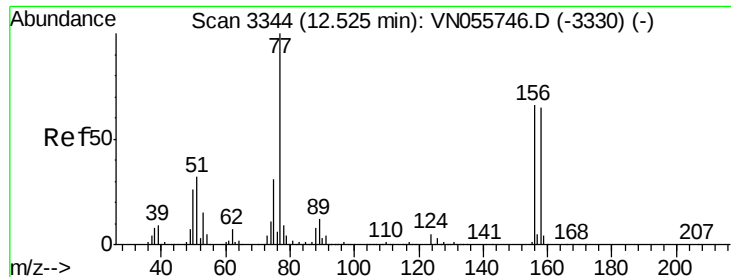
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055830.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055830.D (-3260) (-)





#77

Bromobenzene

Concen: 49.028 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

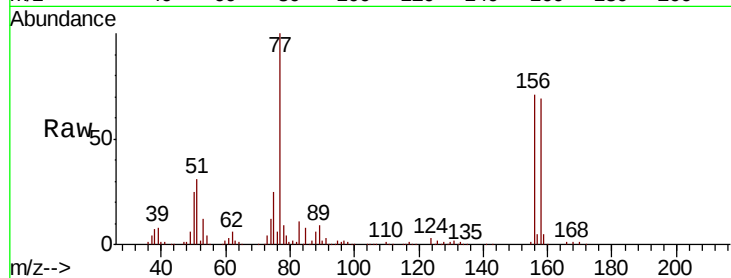
Tot Ion:156 Resp: 217460

Ion Ratio Lower Upper

156 100

77 170.6 90.8 272.5

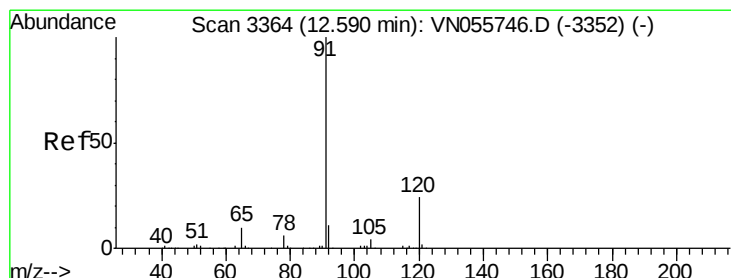
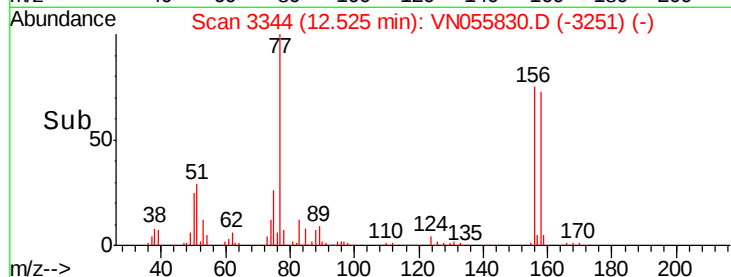
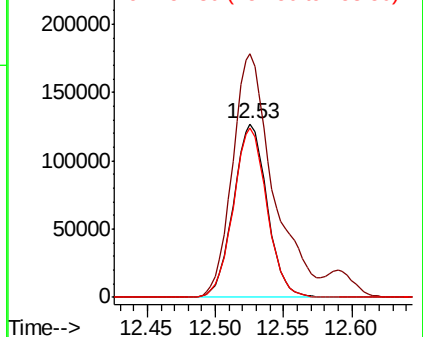
158 97.5 49.3 147.8



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: 46.559 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055830.D

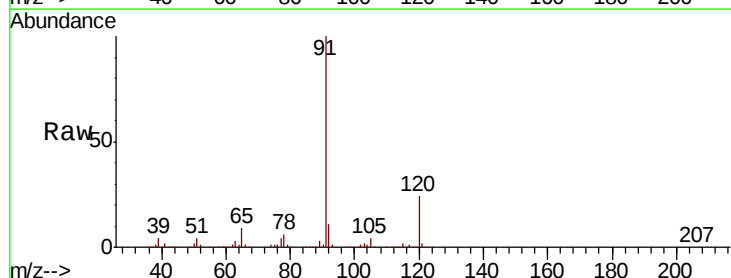
Acq: 25 May 2019 6:19

Tgt Ion: 91 Resp: 841108

Ion Ratio Lower Upper

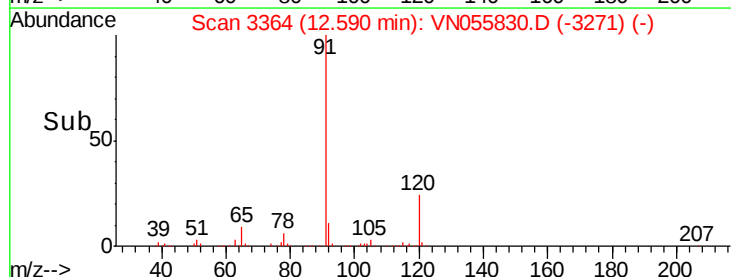
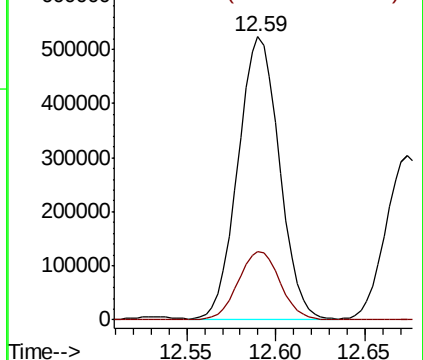
91 100

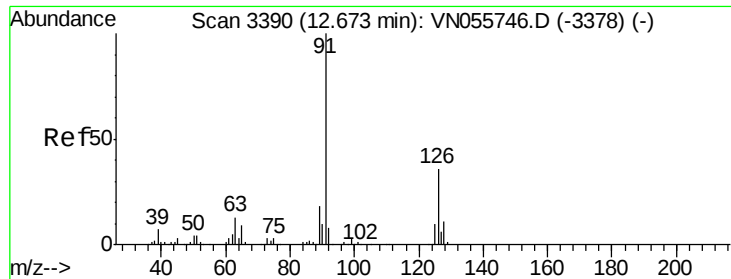
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

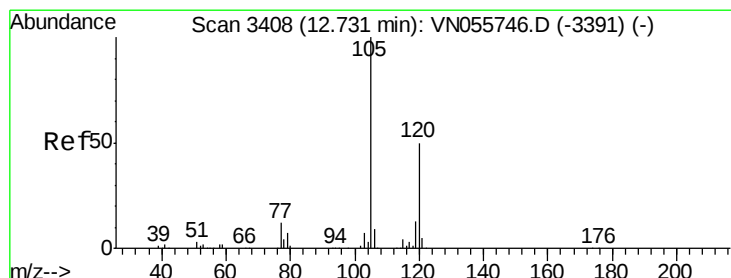
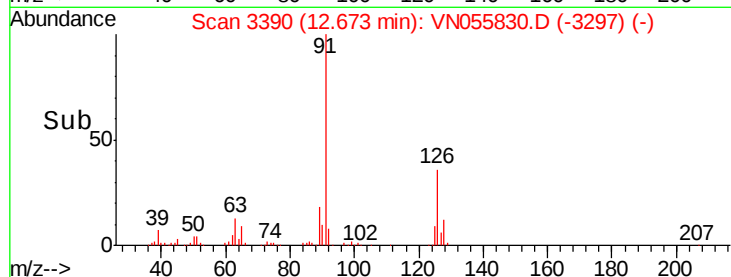
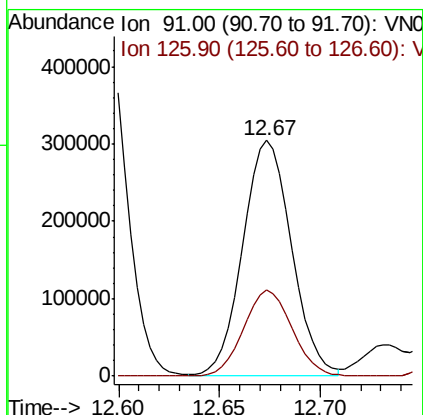
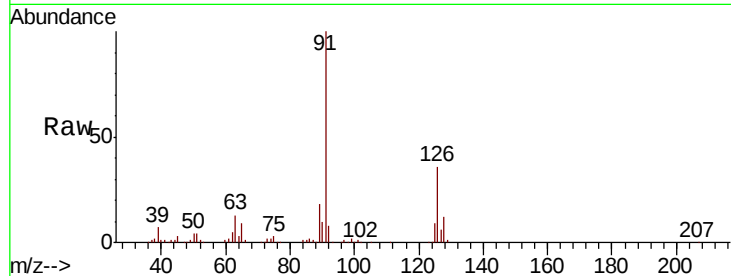




#79
 2-Chlorotoluene
 Concen: 52.859 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

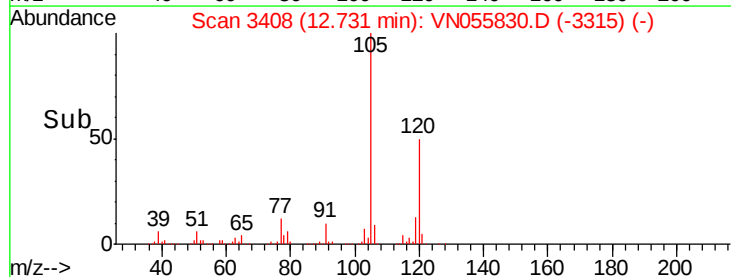
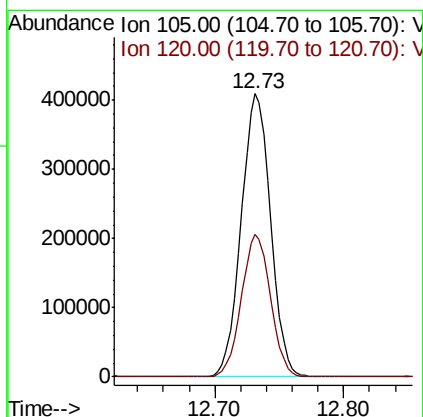
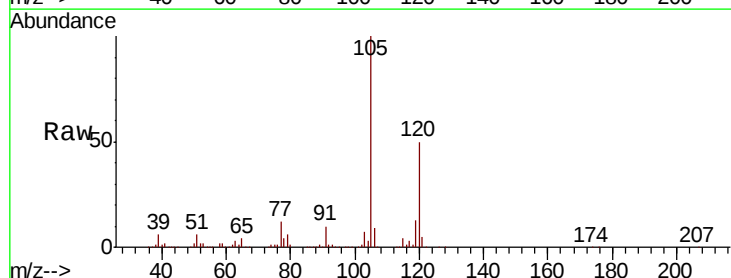
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

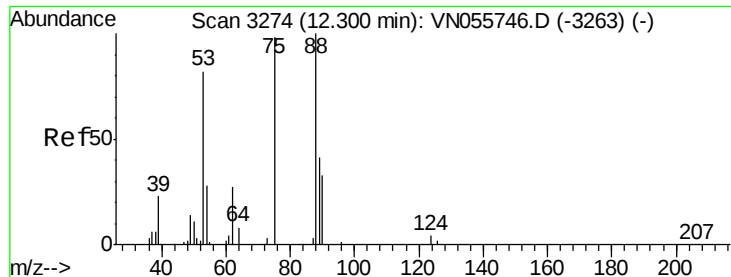
Tot Ion: 91 Resp: 512935
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 52.191 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 105 Resp: 648134
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 37.945 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

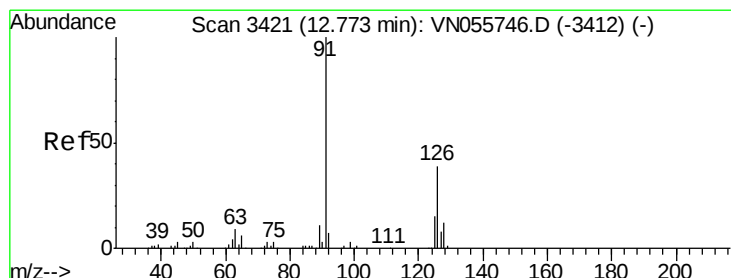
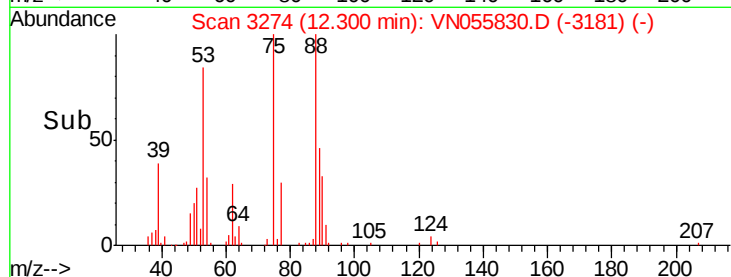
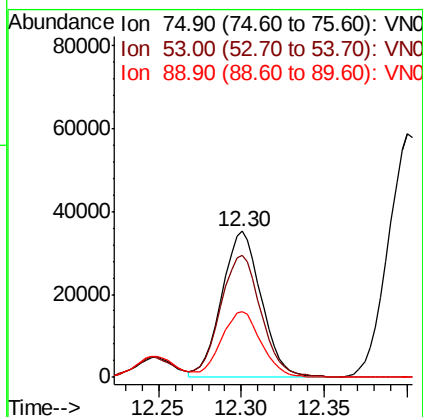
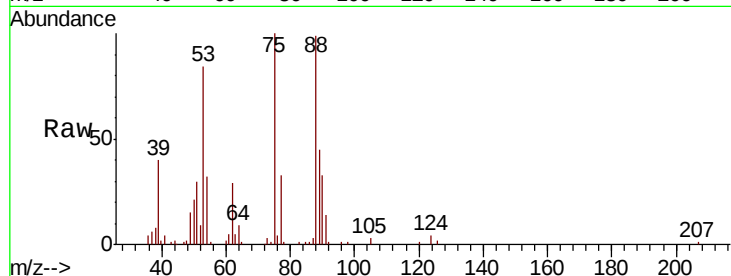
Tot Ion: 75 Resp: 58618

Ion Ratio Lower Upper

75 100

53 86.4 68.1 102.1

89 45.1 36.9 55.3



#82

4-Chlorotoluene

Concen: 47.137 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055830.D

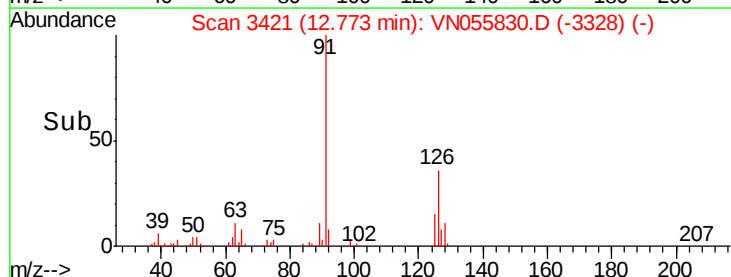
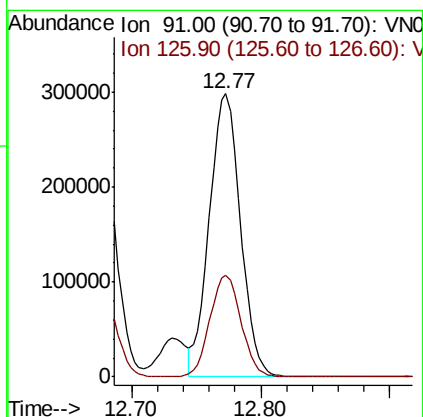
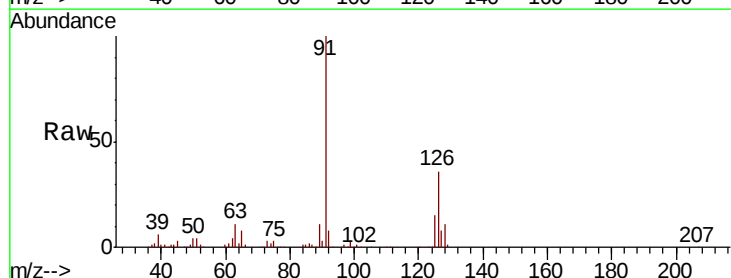
Acq: 25 May 2019 6:19

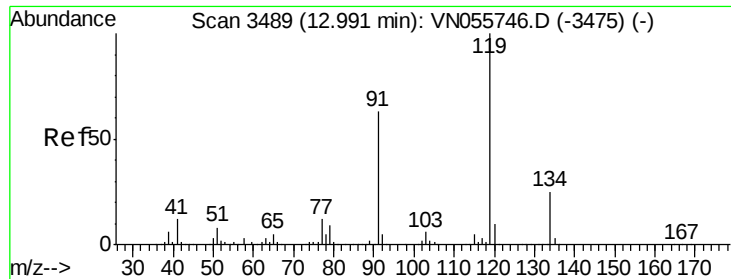
Tgt Ion: 91 Resp: 500557

Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.3

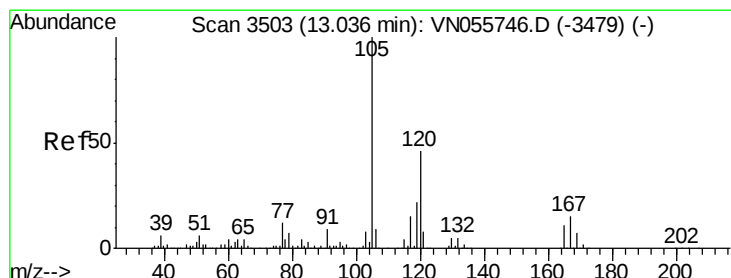
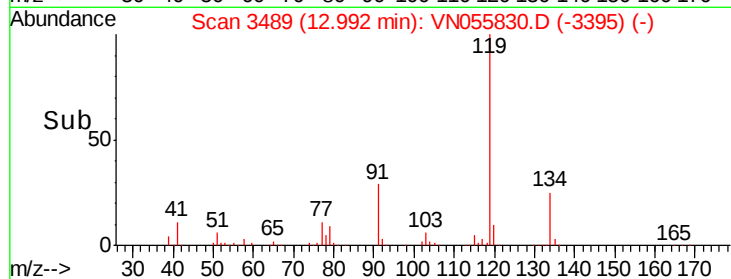
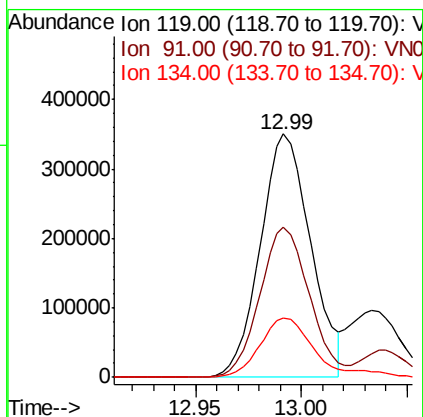
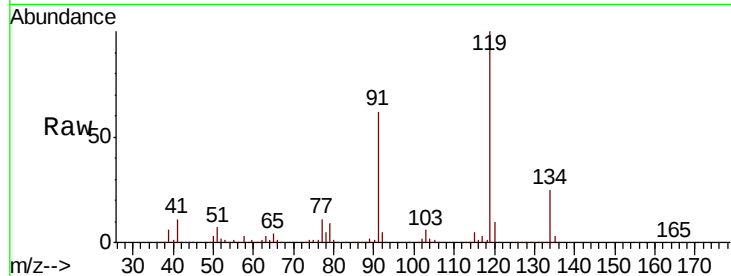




#83
tert-Butylbenzene
Concen: 54.407 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

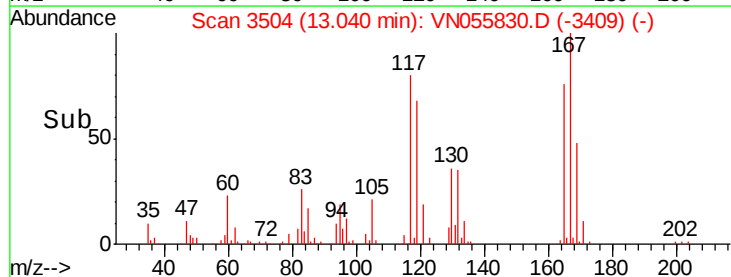
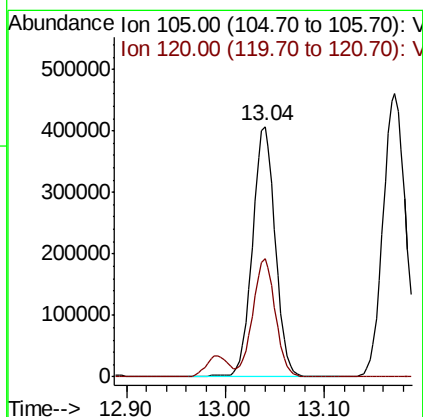
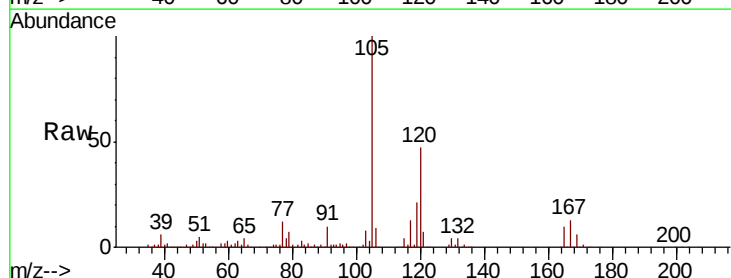
Instrument :
MSVOA_N
ClientSampleId :
MW2-R1-1MSD

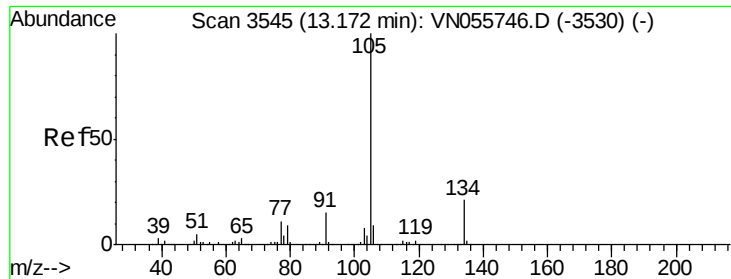
Tot Ion:119 Resp: 582420
Ion Ratio Lower Upper
119 100
91 60.6 30.9 92.8
134 26.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 51.983 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055830.D
Acq: 25 May 2019 6:19

Tgt Ion:105 Resp: 644728
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0

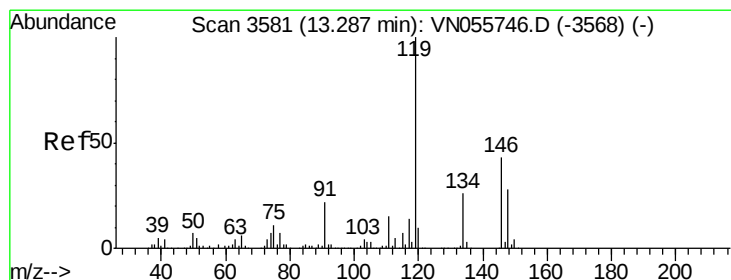
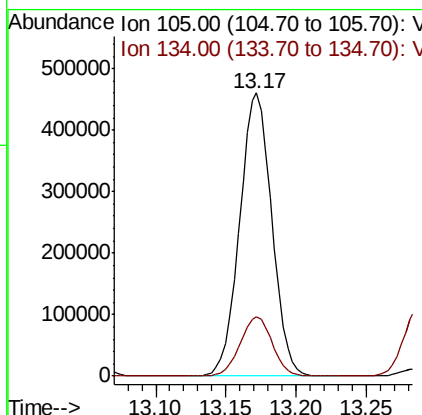
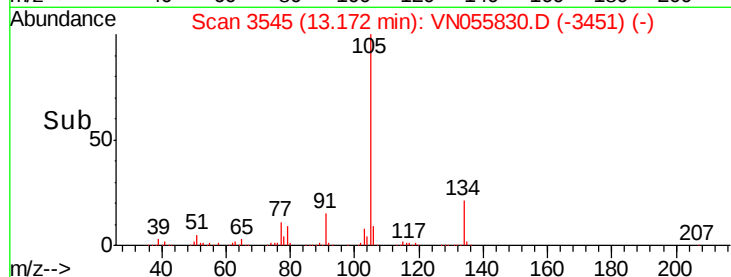
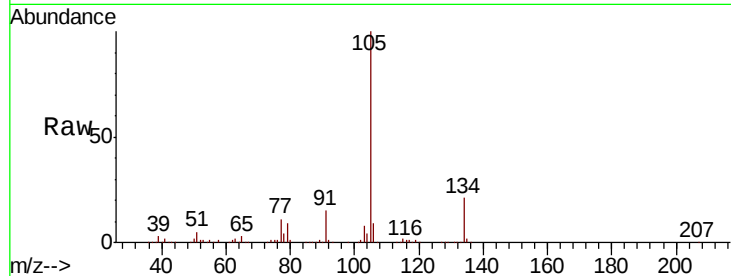




#85
 sec-Butylbenzene
 Concen: 52.587 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

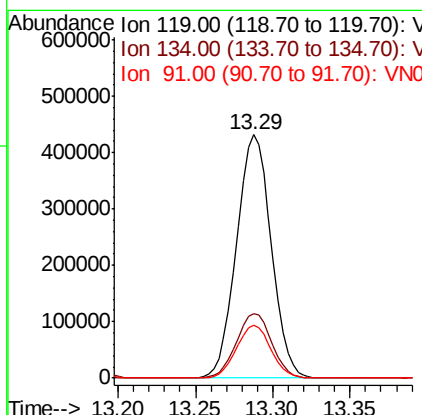
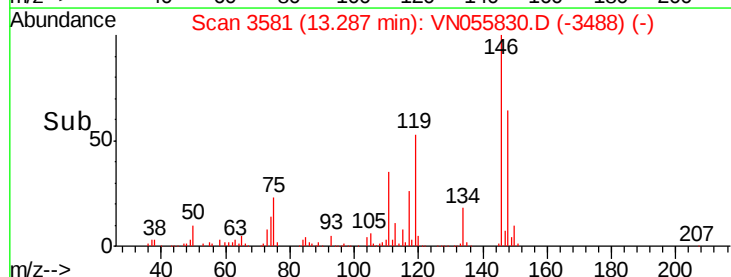
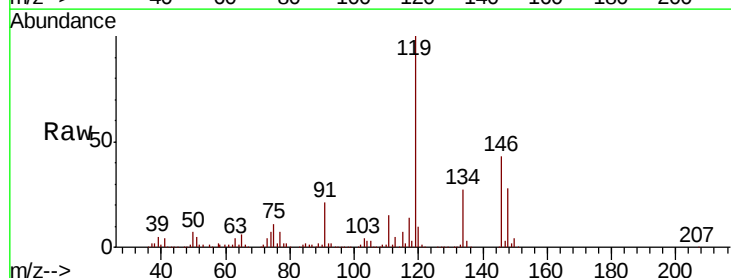
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

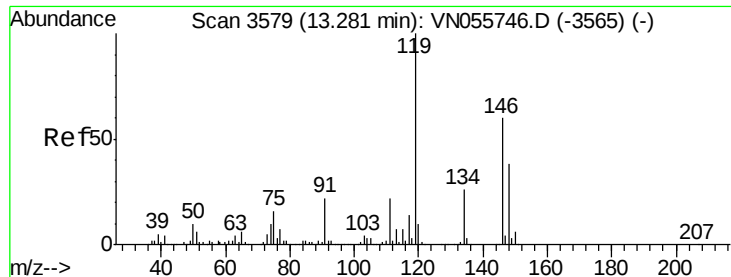
Tot Ion:105 Resp: 734102
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 46.436 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion:119 Resp: 670281
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 21.4 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 49.466 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

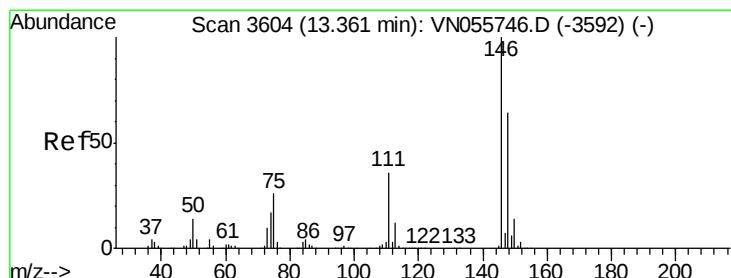
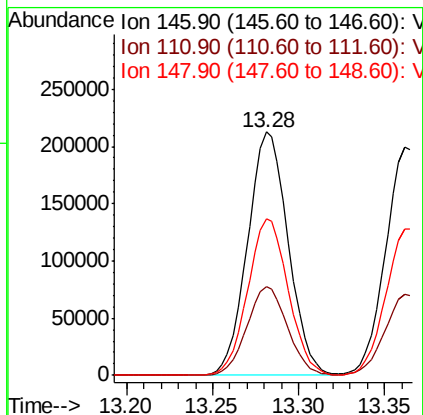
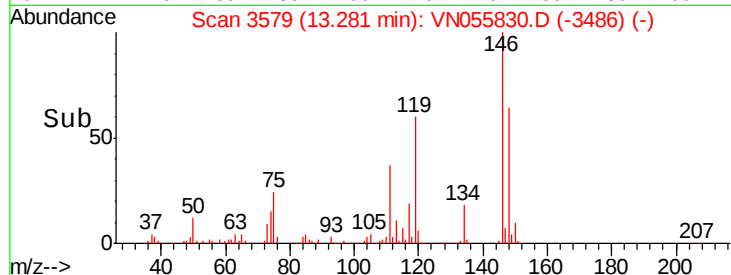
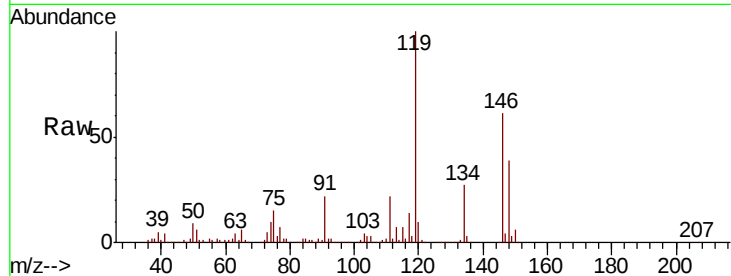
Tot Ion:146 Resp: 347403

Ion Ratio Lower Upper

146 100

111 36.4 18.5 55.5

148 64.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 50.205 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

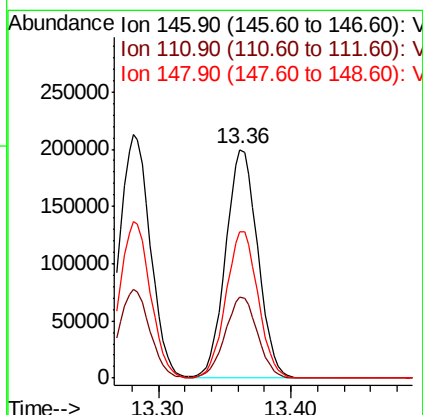
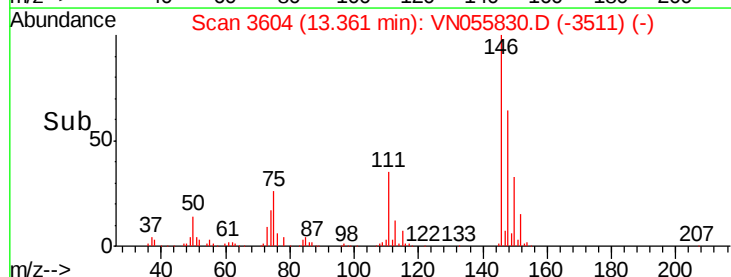
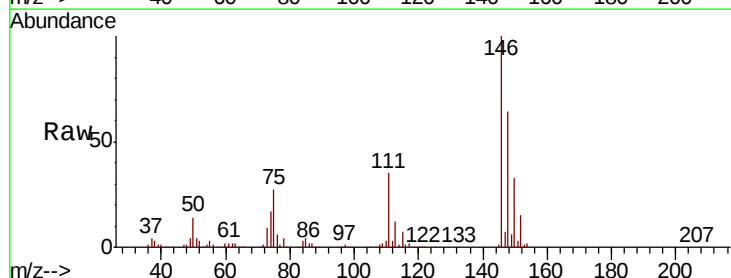
Tgt Ion:146 Resp: 335229

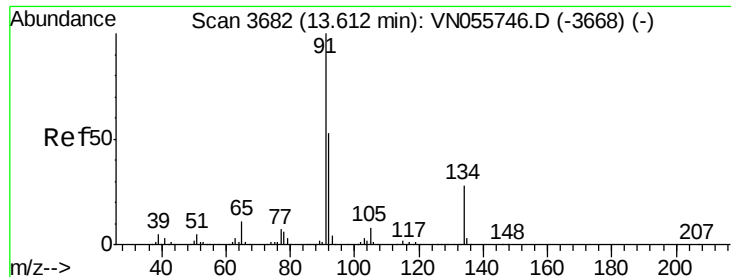
Ion Ratio Lower Upper

146 100

111 35.6 18.1 54.4

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 46.087 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

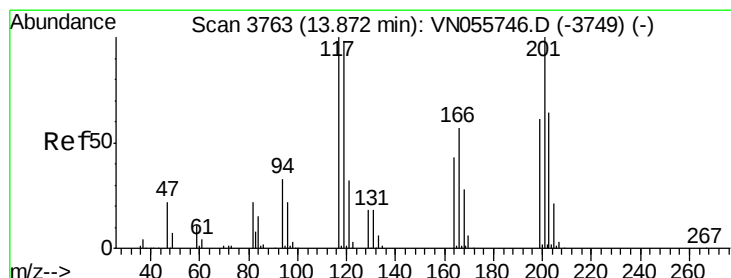
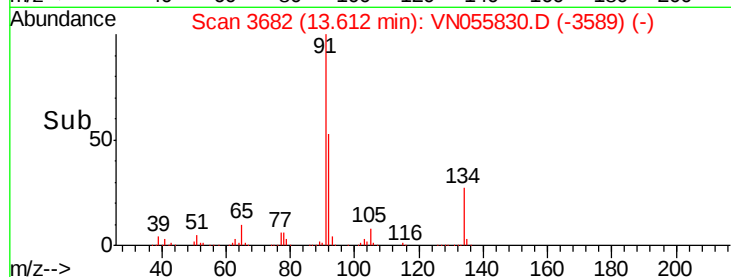
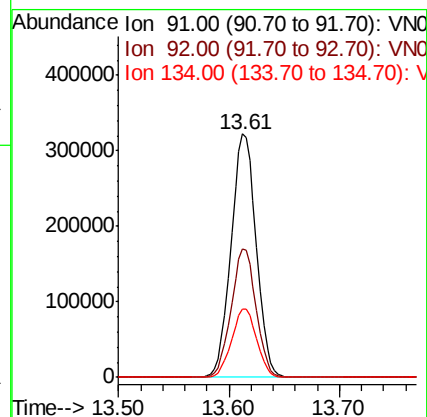
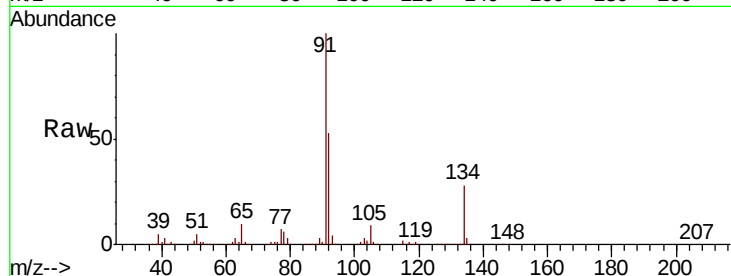
Tot Ion: 91 Resp: 509720

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 28.1 13.9 41.7



#90

Hexachloroethane

Concen: 44.078 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055830.D

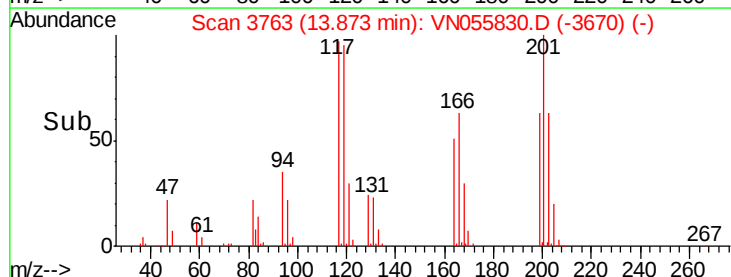
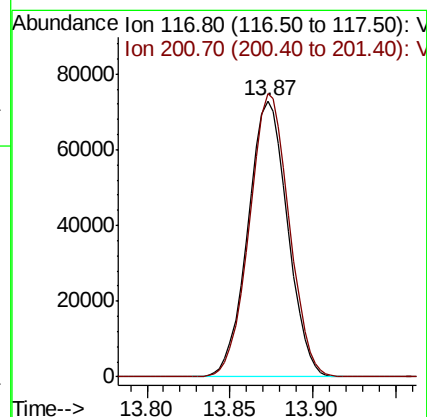
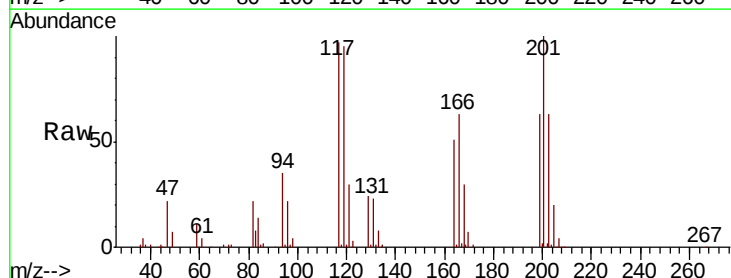
Acq: 25 May 2019 6:19

Tgt Ion: 117 Resp: 121102

Ion Ratio Lower Upper

117 100

201 102.7 50.0 150.0

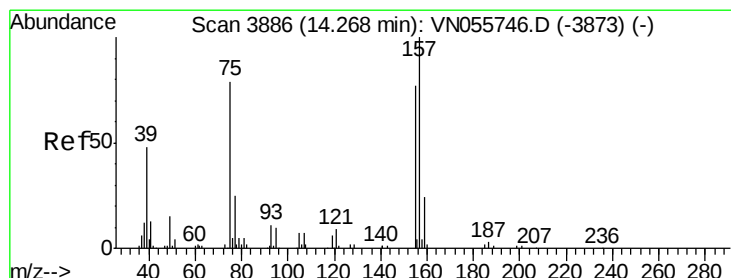
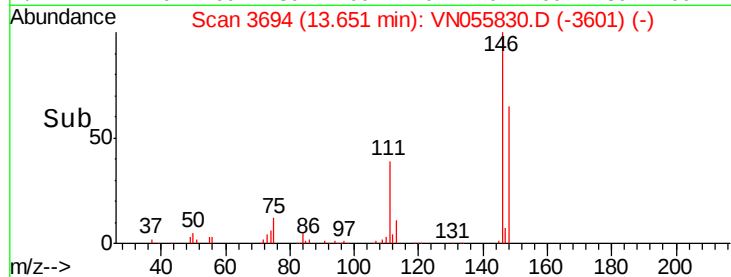
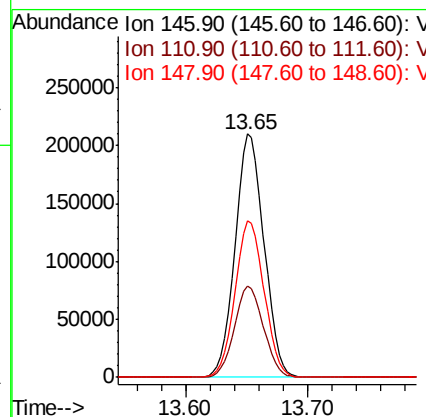
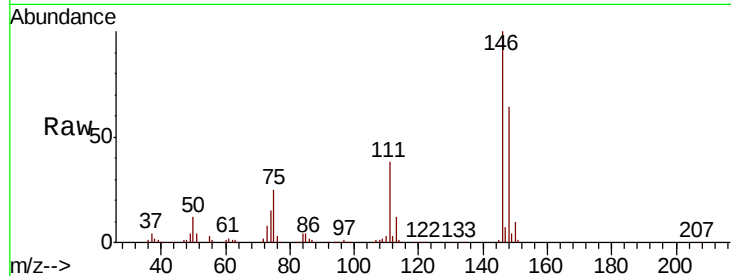




#91
 1,2-Dichlorobenzene
 Concen: 49.427 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

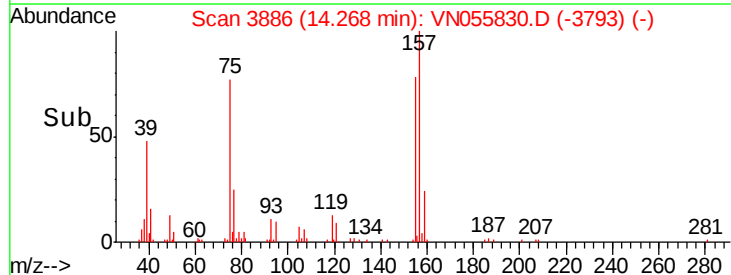
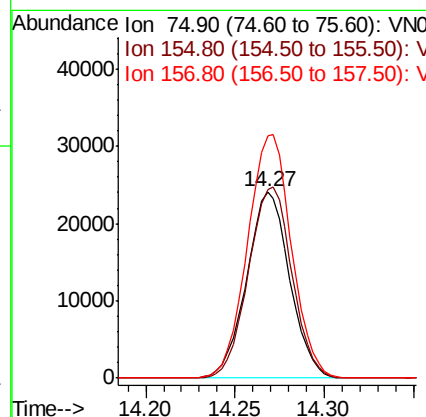
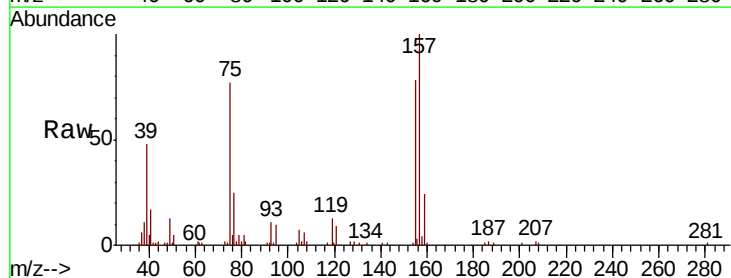
Instrument :
 MSVOA_N
 ClientSampled :
 MW2-R1-1MSD

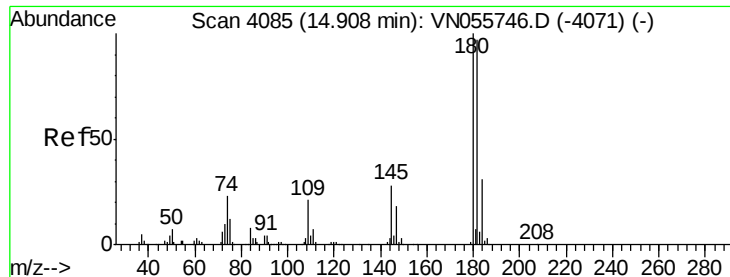
Tot Ion:146 Resp: 346333
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.5
 148 64.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.976 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion: 75 Resp: 40501
 Ion Ratio Lower Upper
 75 100
 155 103.8 50.0 150.1
 157 133.7 64.8 194.3

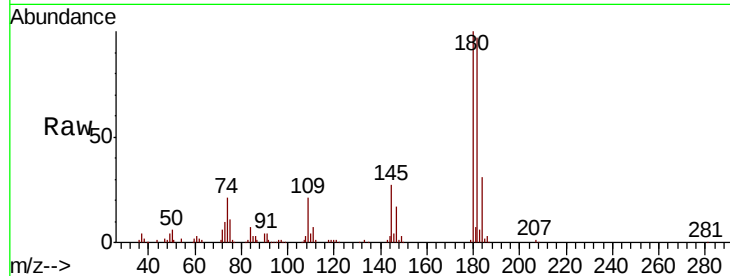




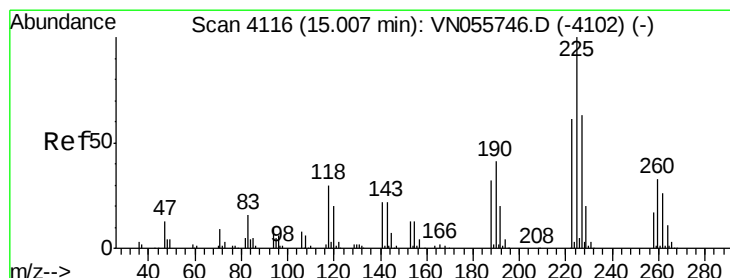
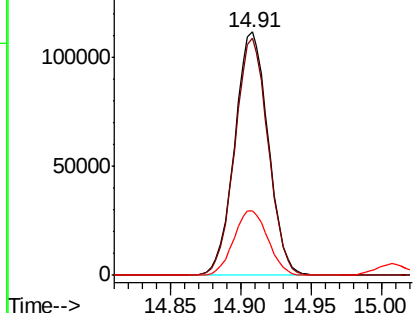
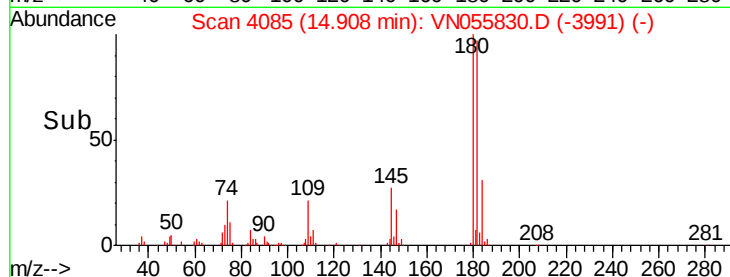
#93
 1,2,4-Trichlorobenzene
 Concen: 46.519 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2-R1-1MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.3	144.9
145	27.2	14.0	41.9

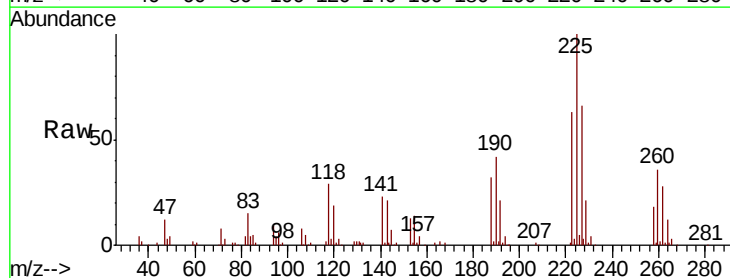


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

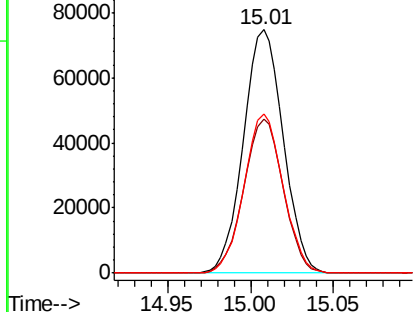
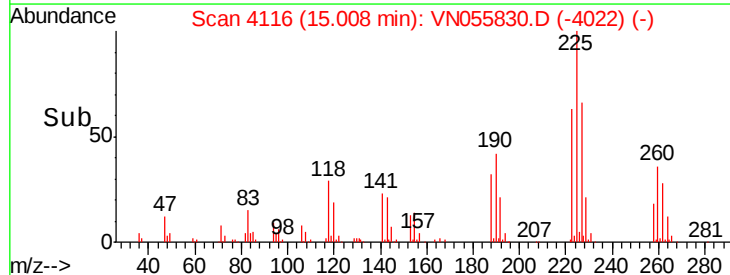


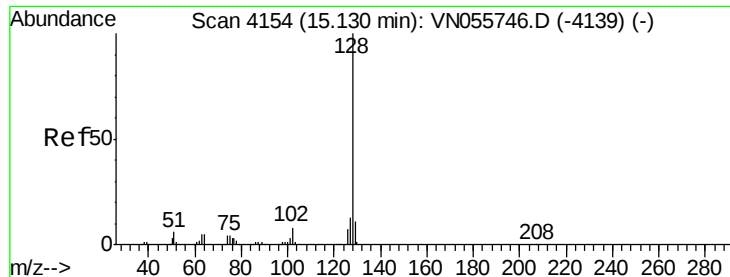
#94
 Hexachlorobutadiene
 Concen: 50.731 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055830.D
 Acq: 25 May 2019 6:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.9	92.7
227	63.7	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: 52.417 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

Instrument :

MSVOA_N

ClientSampleId :

MW2-R1-1MSD

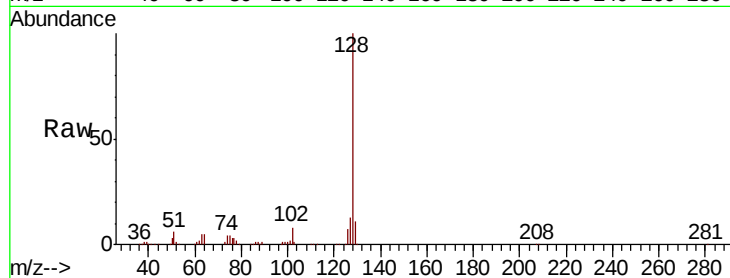
Tot Ion:128 Resp: 503993

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

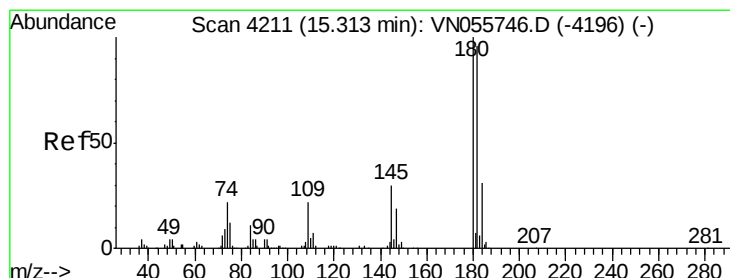
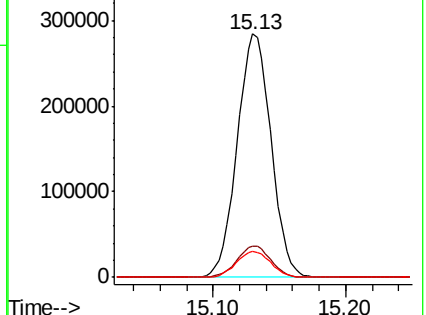
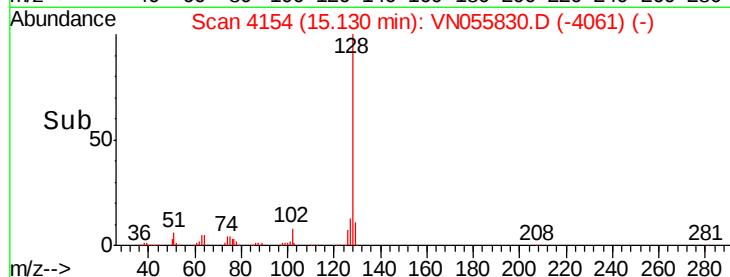
129 10.8 8.7 13.1



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: 52.269 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055830.D

Acq: 25 May 2019 6:19

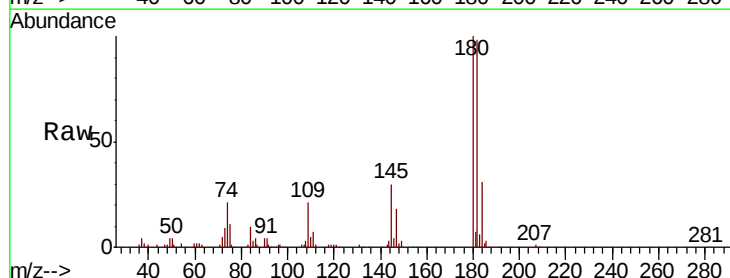
Tgt Ion:180 Resp: 193601

Ion Ratio Lower Upper

180 100

182 97.9 47.9 143.7

145 29.9 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

