

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077845.D
 Acq On : 24 May 2023 07:01
 Operator : JC\MD
 Sample : 02884-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2002

Quant Time: May 24 08:19:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	7113	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.112	114	11101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	8648	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	4107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	2837	26.656	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	53.320%#
35) Dibromofluoromethane	8.177	113	4717	65.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	130.320%#
50) Toluene-d8	10.576	98	9365	33.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	67.220%#
62) 4-Bromofluorobenzene	12.853	95	17110	173.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	347.740%#
Target Compounds						
						Qvalue
3) Chloromethane	2.371	50	1011	10.359	ug/l	# 83
4) Vinyl Chloride	2.518	62	58	0.568	ug/l	# 42
5) Bromomethane	2.942	94	58	0.768	ug/l	# 4
6) Chloroethane	3.130	64	146	1.985	ug/l	# 43
7) Trichlorofluoromethane	3.236	101	54	0.380	ug/l	# 19
11) Tert butyl alcohol	5.541	59	481	32.747	ug/l	# 72
12) 1,1-Dichloroethene	4.124	96	68	0.909	ug/l	# 1
13) Acrolein	4.194	56	3885	447.904	ug/l	# 75
14) Allyl chloride	5.030	41	77	0.701	ug/l	# 70
16) Acetone	4.447	43	17471	521.774	ug/l	# 50
17) Carbon Disulfide	4.724	76	547	2.714	ug/l	# 75
18) Methyl Acetate	5.047	43	3494	24.874	ug/l	# 71
20) Methylene Chloride	5.277	84	718	6.520	ug/l	# 76
22) Diisopropyl ether	6.730	45	27285	105.917	ug/l	# 1
23) Vinyl Acetate	6.735	43	69197	433.544	ug/l	# 62
25) 2-Butanone	7.494	43	9815	187.385	ug/l	# 68
26) 2,2-Dichloropropane	7.447	77	184	1.372	ug/l	# 53
27) cis-1,2-Dichloroethene	7.688	96	67	0.665	ug/l	# 1
29) Tetrahydrofuran	7.841	42	74	2.158	ug/l	# 20
30) Chloroform	7.988	83	53	0.305	ug/l	# 48
31) Cyclohexane	8.235	56	122	0.843	ug/l	# 9
36) 1,1-Dichloropropene	8.229	75	565	5.336	ug/l	# 40
37) Ethyl Acetate	7.565	43	985	10.438	ug/l	# 73
38) Carbon Tetrachloride	8.247	117	142	1.328	ug/l	# 12
39) Methylcyclohexane	9.729	83	56	0.432	ug/l	# 23
40) Benzene	8.618	78	277	0.887	ug/l	# 52
41) Methacrylonitrile	7.812	41	140	2.786	ug/l	# 34
42) 1,2-Dichloroethane	8.788	62	65	0.573	ug/l	# 73
43) Isopropyl Acetate	8.706	43	22942	148.833	ug/l	# 50
45) 1,2-Dichloropropane	9.823	63	60	0.753	ug/l	# 45
47) Bromodichloromethane	9.935	83	57	0.522	ug/l	# 26
48) Methyl methacrylate	9.706	41	125	1.710	ug/l	# 31
51) 4-Methyl-2-Pentanone	10.429	43	9285	101.336	ug/l	# 34
53) t-1,3-Dichloropropene	10.823	75	543	4.696	ug/l	# 42
54) cis-1,3-Dichloropropene	10.341	75	96	0.753	ug/l	# 39
55) 1,1,2-Trichloroethane	11.106	97	102	1.321	ug/l	# 16

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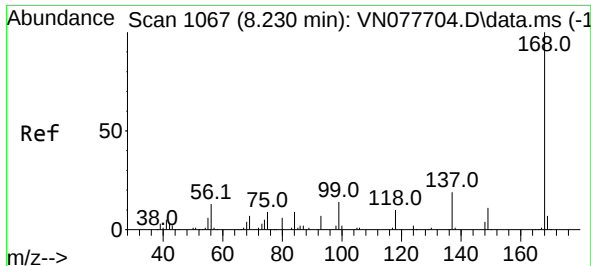
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	10.953	69	343	2.937	ug/l #	1
59) 2-Hexanone	10.947	43	11803	174.157	ug/l	88
60) Dibromochloromethane	11.323	129	54	0.677	ug/l #	11
67) Ethyl Benzene	11.964	91	118	0.351	ug/l #	43
71) Bromoform	12.847	173	116	2.688	ug/l #	28
73) Isopropylbenzene	12.711	105	122	0.345	ug/l #	49
74) N-amyl acetate	12.512	43	184	1.406	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.800	83	14804	135.927	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	9114	88.611	ug/l #	1
78) n-propylbenzene	13.047	91	313	0.750	ug/l #	53
79) 2-Chlorotoluene	13.047	91	313	1.257	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.853	75	9114	283.247	ug/l #	15
82) 4-Chlorotoluene	13.047	91	313	1.263	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.629	105	79	0.270	ug/l #	32
85) sec-Butylbenzene	13.629	105	79	0.214	ug/l #	57
87) 1,3-Dichlorobenzene	13.729	146	77	0.515	ug/l #	24
88) 1,4-Dichlorobenzene	13.729	146	77	0.519	ug/l #	25
89) n-Butylbenzene	14.070	91	62	0.229	ug/l #	33
91) 1,2-Dichlorobenzene	14.111	146	73	0.523	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	14.853	75	56	2.656	ug/l #	4
95) Naphthalene	15.635	128	656	2.337	ug/l #	70

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

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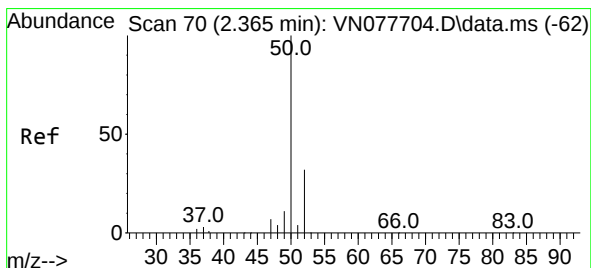
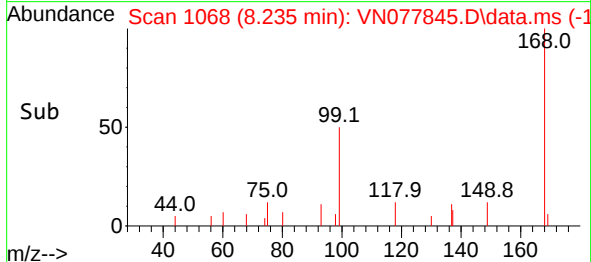
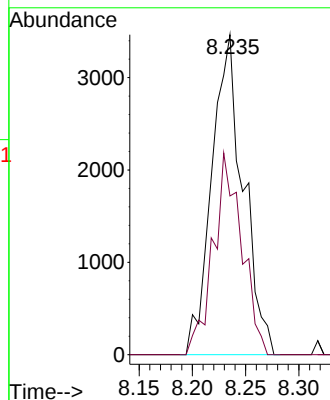
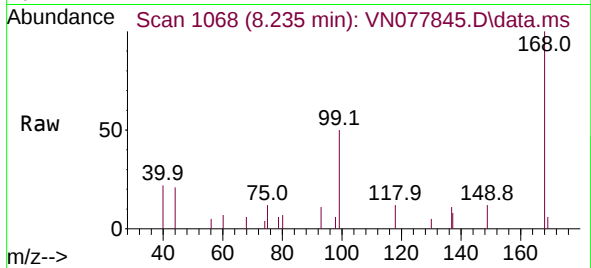




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

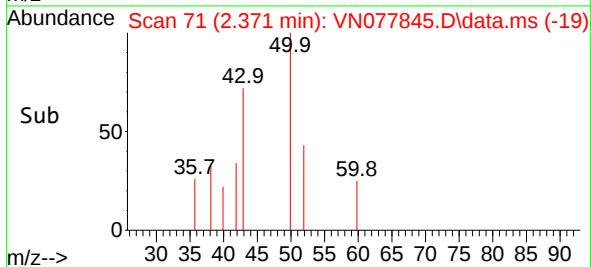
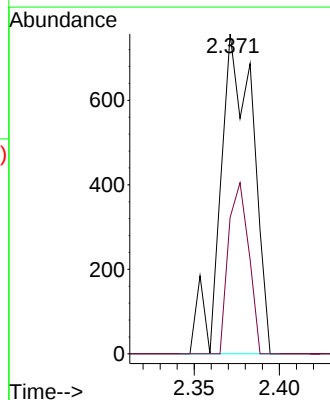
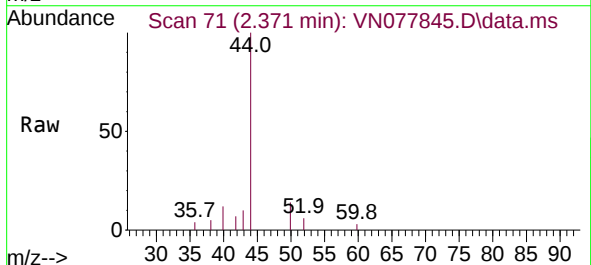
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MSVOA_N
ClientSampleId :
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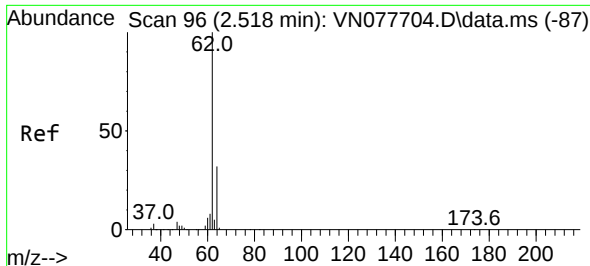
Tgt Ion:168 Resp: 7113
Ion Ratio Lower Upper
168 100
99 49.6 53.0 79.6#



#3
Chloromethane
Concen: 10.359 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 50 Resp: 1011
Ion Ratio Lower Upper
50 100
52 42.7 26.5 39.7#

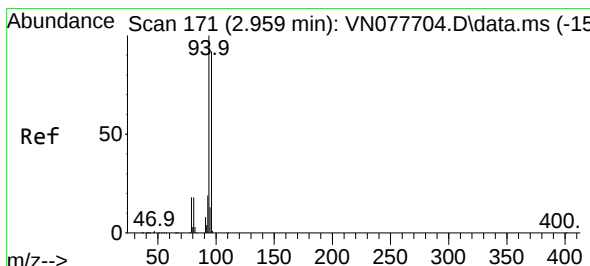
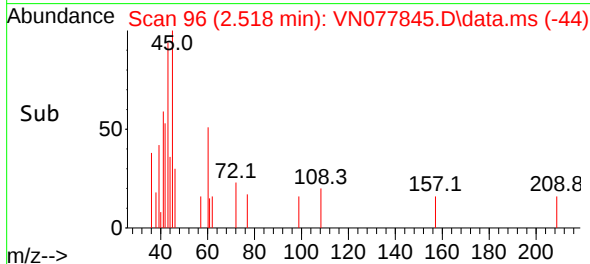
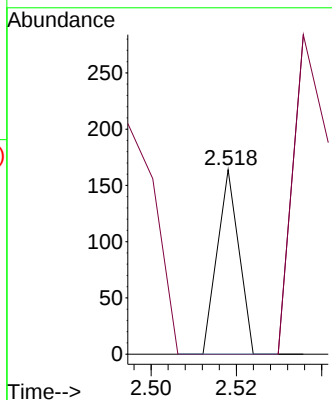
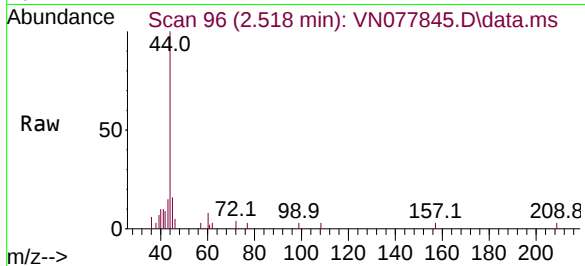




#4
 Vinyl Chloride
 Concen: 0.568 ug/l
 RT: 2.518 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

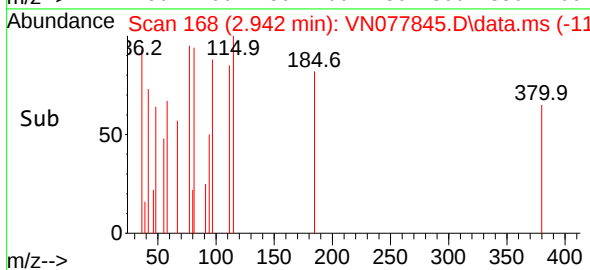
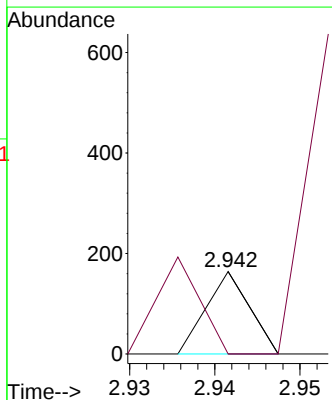
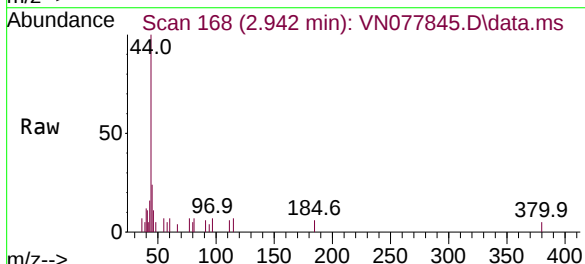
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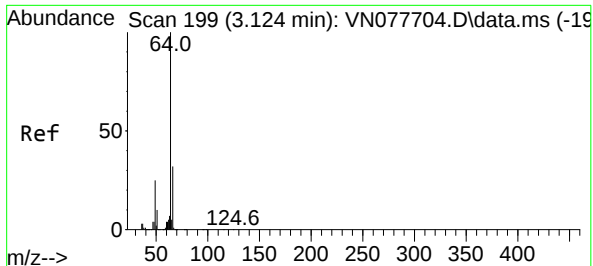
Tgt Ion: 62 Resp: 58
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.2 39.2#



#5
 Bromomethane
 Concen: 0.768 ug/l
 RT: 2.942 min Scan# 168
 Delta R.T. -0.005 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

Tgt Ion: 94 Resp: 58
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.1 109.7#

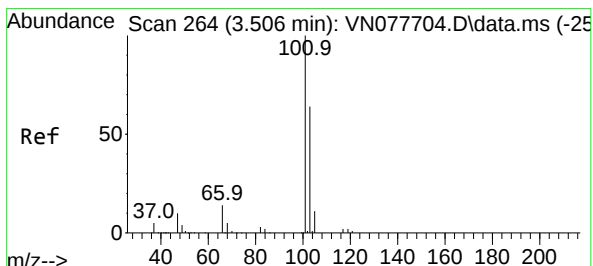
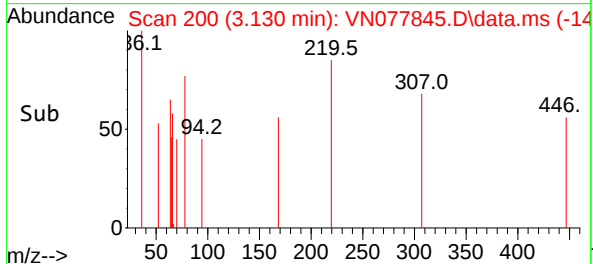
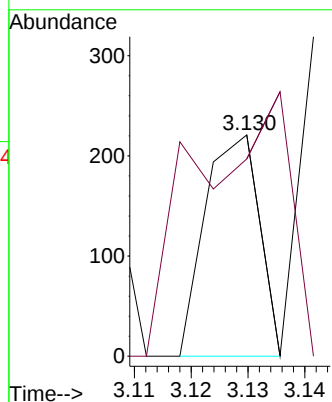
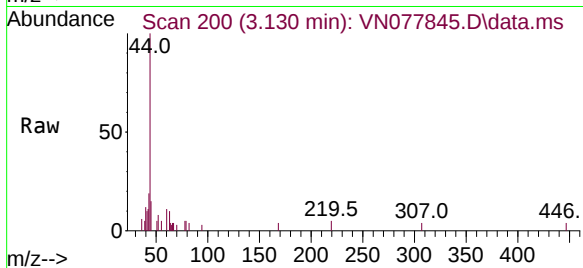




#6
Chloroethane
Concen: 1.985 ug/l
RT: 3.130 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

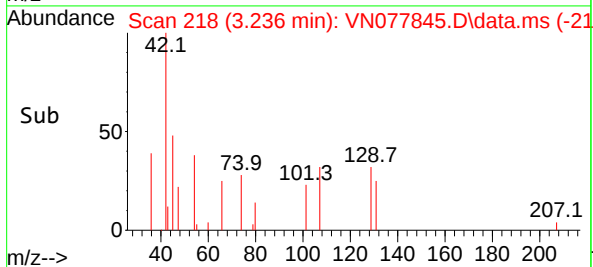
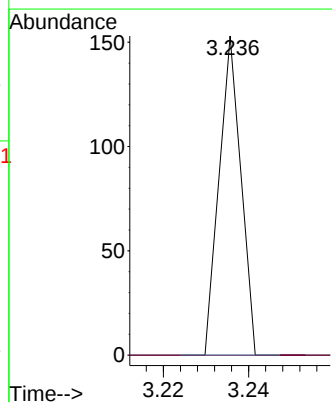
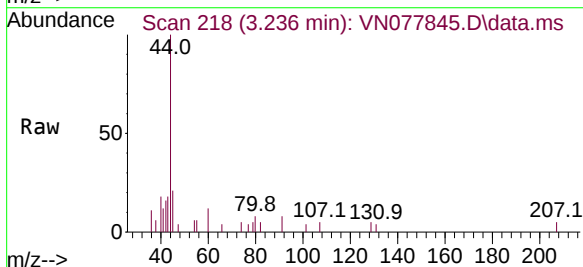
Instrument :
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ClientSampleId :
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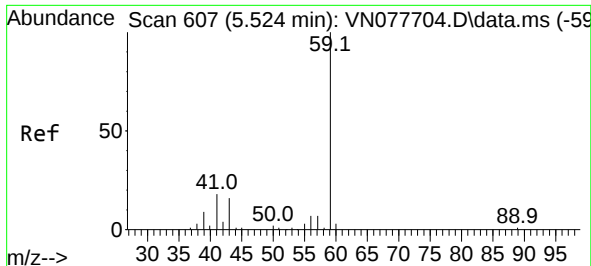
Tgt Ion: 64 Resp: 146
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#7
Trichlorofluoromethane
Concen: 0.380 ug/l
RT: 3.236 min Scan# 218
Delta R.T. -0.264 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 101 Resp: 54
Ion Ratio Lower Upper
101 100
103 0.0 50.7 76.1#

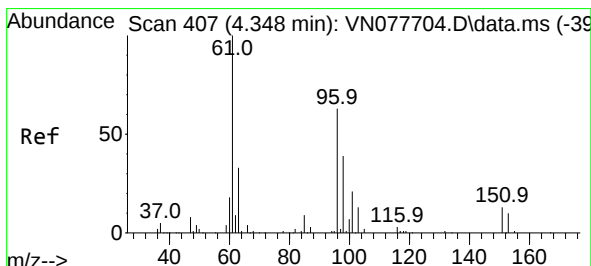
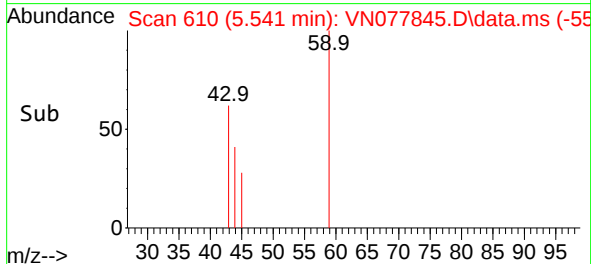
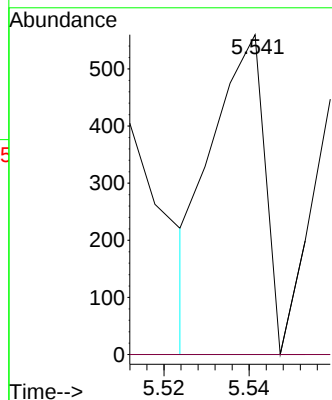
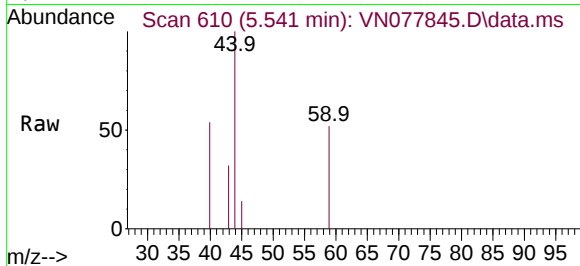




#11
Tert butyl alcohol
Concen: 32.747 ug/l
RT: 5.541 min Scan# 61
Delta R.T. 0.011 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

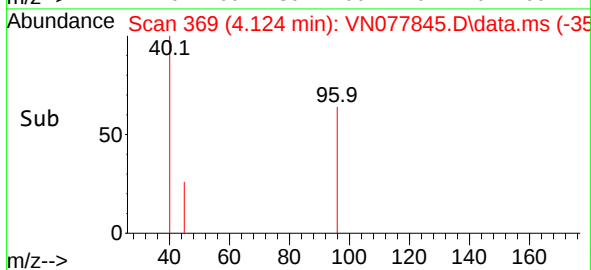
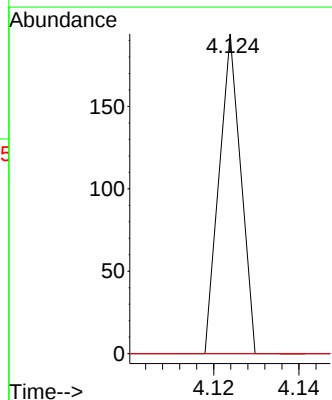
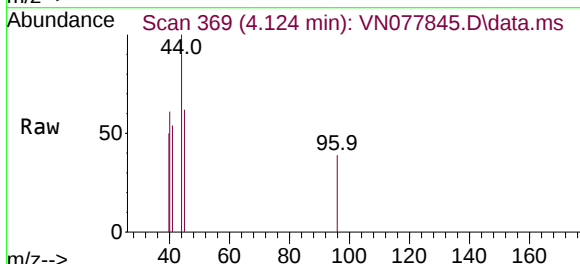
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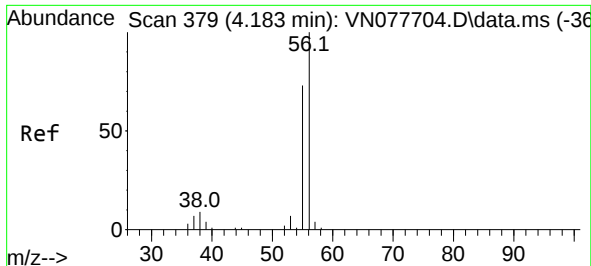
Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.909 ug/l
RT: 4.124 min Scan# 369
Delta R.T. -0.223 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 96 Resp: 68
Ion Ratio Lower Upper
96 100
61 0.0 112.7 169.1#
98 0.0 51.2 76.8#

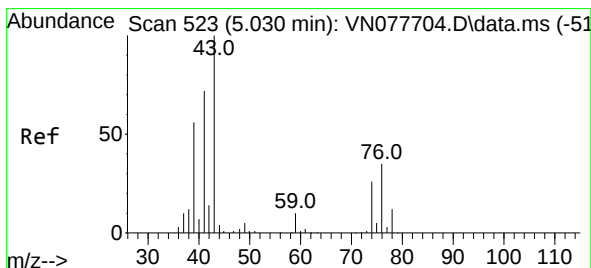
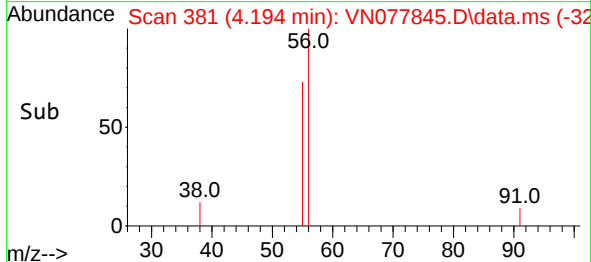
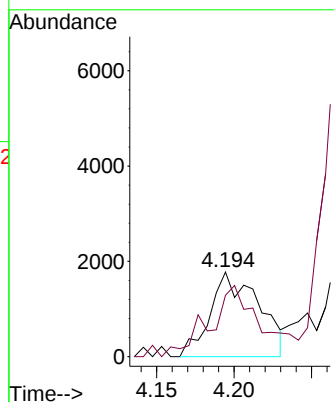
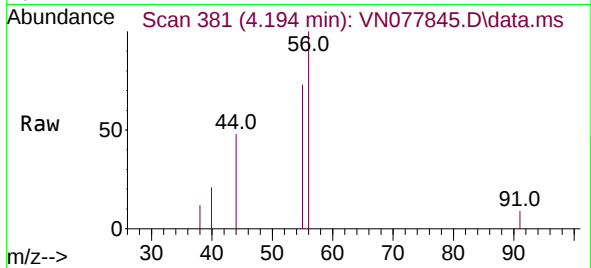




#13
Acrolein
Concen: 447.904 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

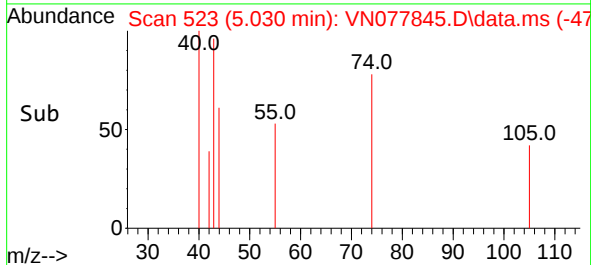
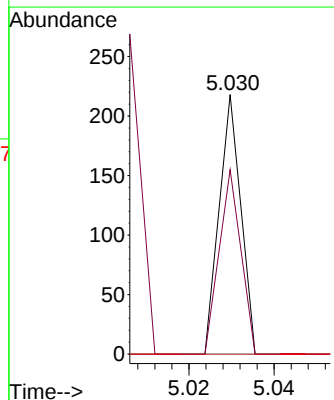
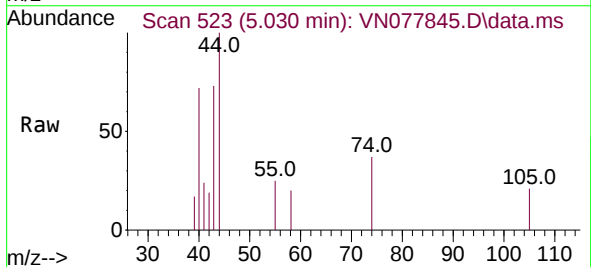
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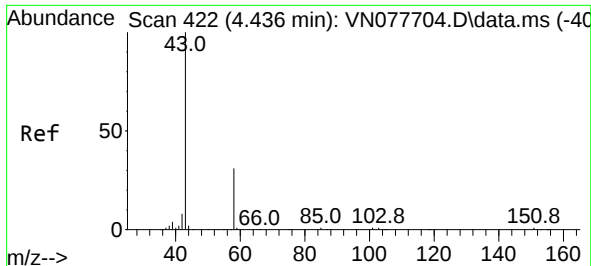
Tgt Ion: 56 Resp: 3885
Ion Ratio Lower Upper
56 100
55 88.3 54.5 81.7#



#14
Allyl chloride
Concen: 0.701 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 41 Resp: 77
Ion Ratio Lower Upper
41 100
39 71.4 58.8 88.2
76 0.0 39.1 58.7#

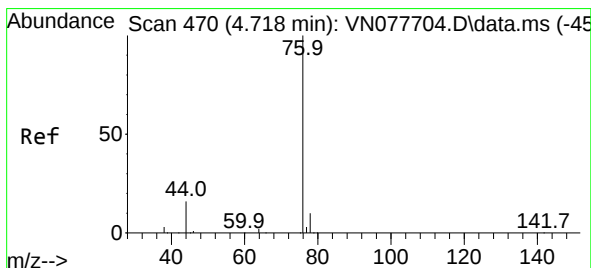
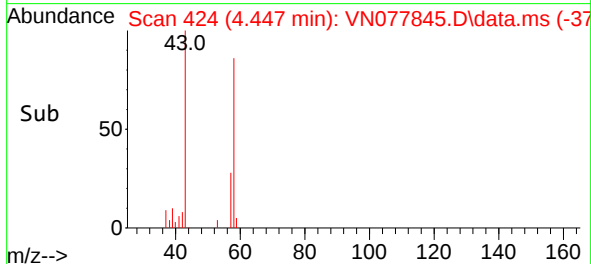
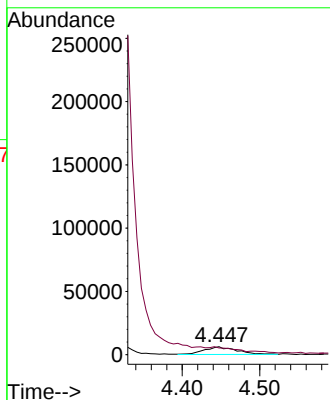
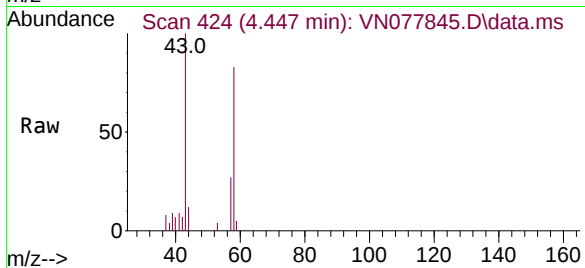




#16
Acetone
Concen: 521.774 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

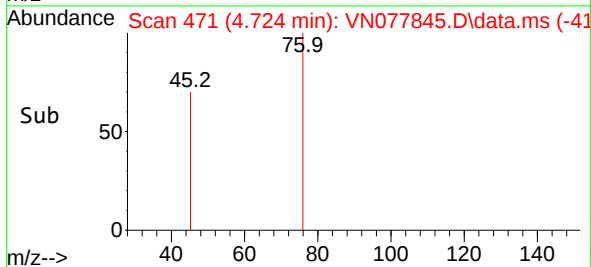
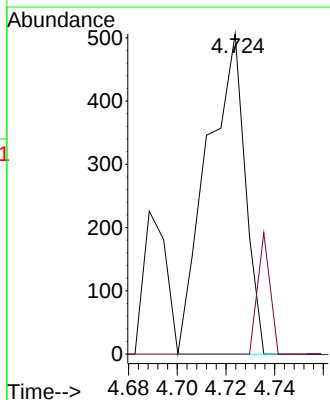
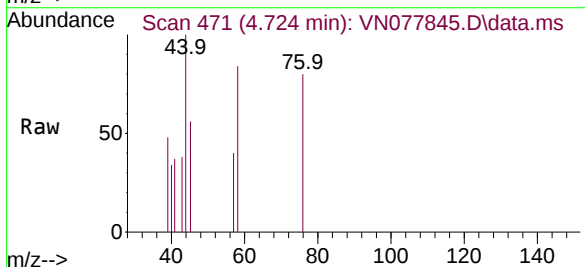
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ClientSampleId :
2002

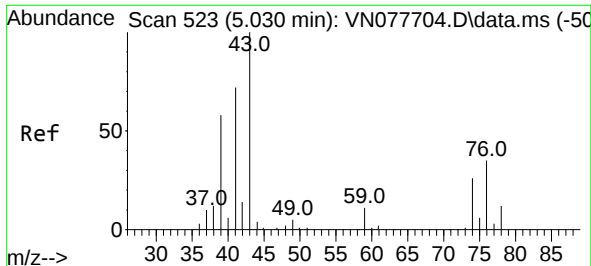
Tgt Ion: 43 Resp: 17471
Ion Ratio Lower Upper
43 100
58 64.2 28.0 42.0#



#17
Carbon Disulfide
Concen: 2.714 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 76 Resp: 547
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

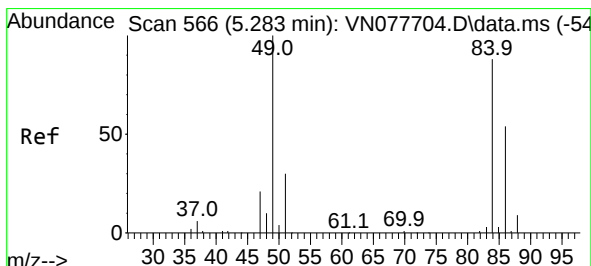
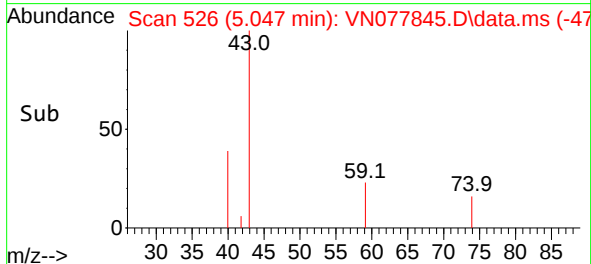
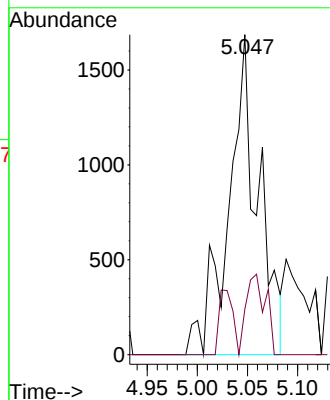
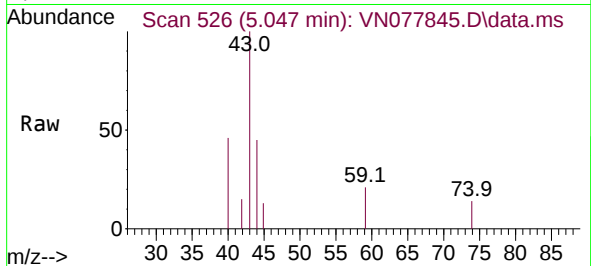




#18
Methyl Acetate
Concen: 24.874 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

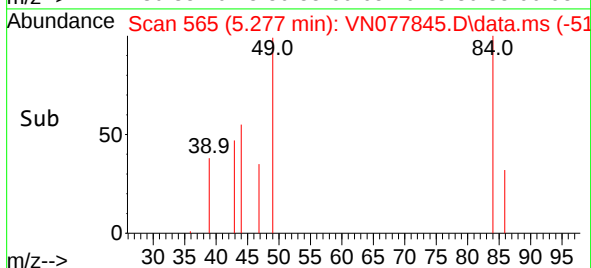
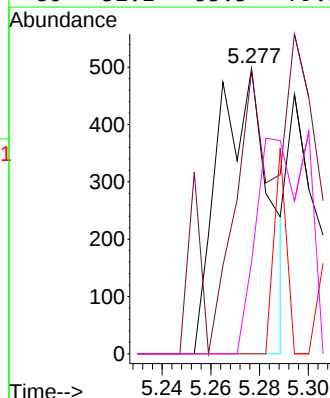
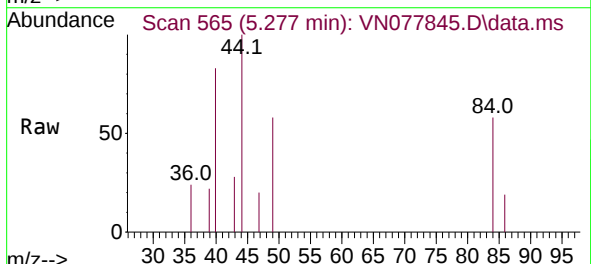
Instrument :
MSVOA_N
ClientSampleId :
2002

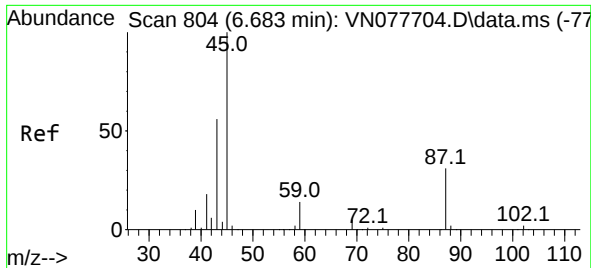
Tgt Ion: 43 Resp: 3494
Ion Ratio Lower Upper
43 100
74 16.4 26.2 39.4#



#20
Methylene Chloride
Concen: 6.520 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 84 Resp: 718
Ion Ratio Lower Upper
84 100
49 99.0 79.7 119.5
51 0.0 25.2 37.8#
86 32.1 53.3 79.9#

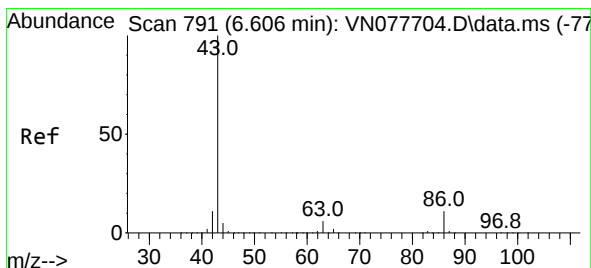
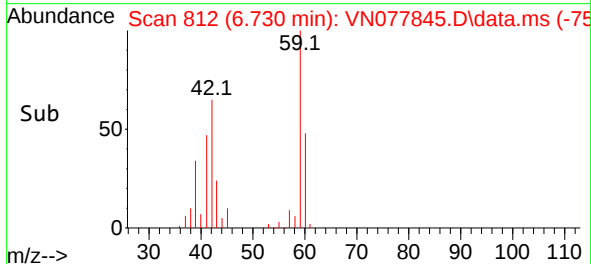
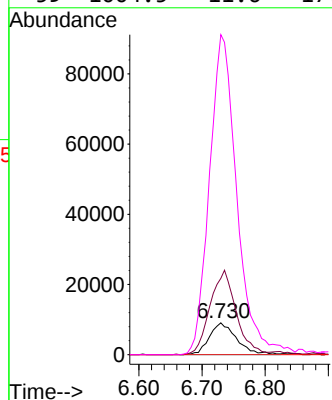
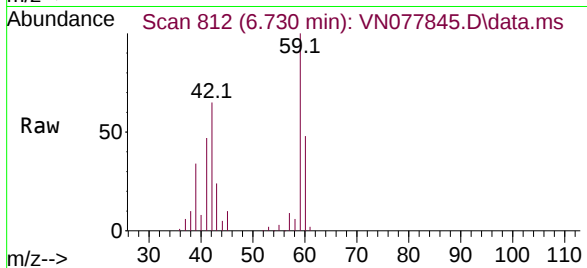




#22
Diisopropyl ether
Concen: 105.917 ug/l
RT: 6.730 min Scan# 812
Delta R.T. 0.053 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

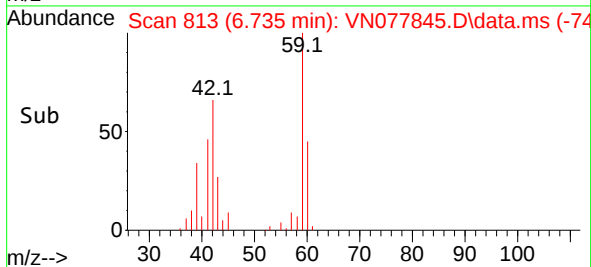
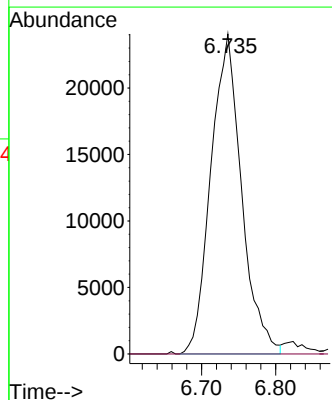
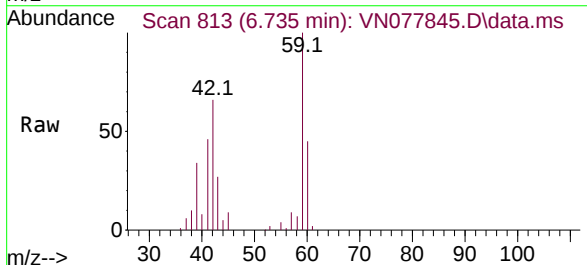
Instrument :
MSVOA_N
ClientSampleId :
2002

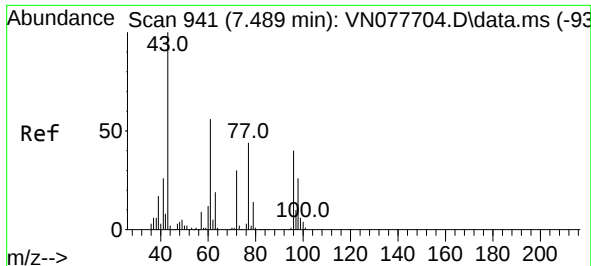
Tgt Ion:	45	Resp:	27285
Ion	Ratio	Lower	Upper
45	100		
43	239.6	45.5	68.3#
87	0.0	31.8	47.8#
59	1004.5	11.6	17.4#



#23
Vinyl Acetate
Concen: 433.544 ug/l
RT: 6.735 min Scan# 813
Delta R.T. 0.129 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion:	43	Resp:	69197
Ion	Ratio	Lower	Upper
43	100		
86	0.0	13.0	19.6#





#25

2-Butanone

Concen: 187.385 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

Instrument :

MSVOA_N

ClientSampleId :

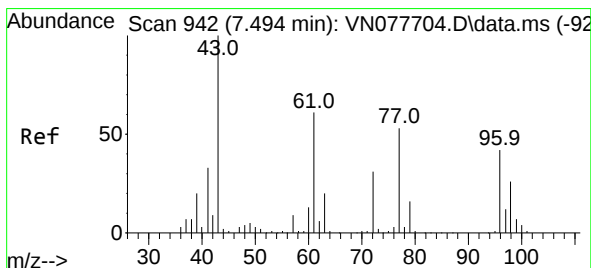
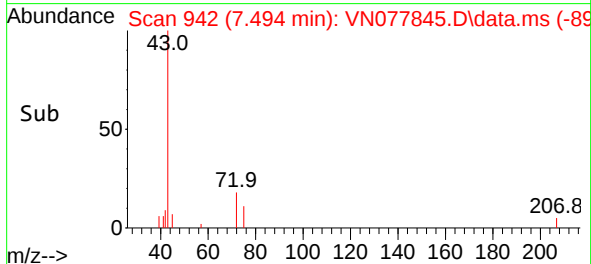
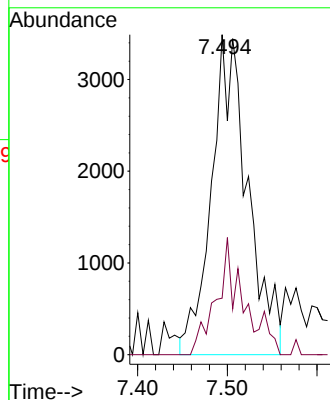
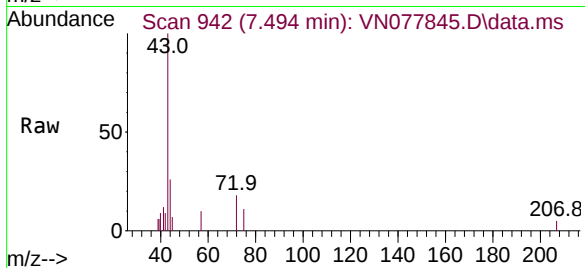
2002

Tgt Ion: 43 Resp: 9815

Ion Ratio Lower Upper

43 100

72 18.6 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 1.372 ug/l

RT: 7.447 min Scan# 934

Delta R.T. -0.053 min

Lab File: VN077845.D

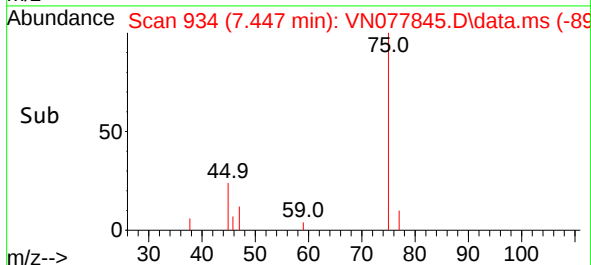
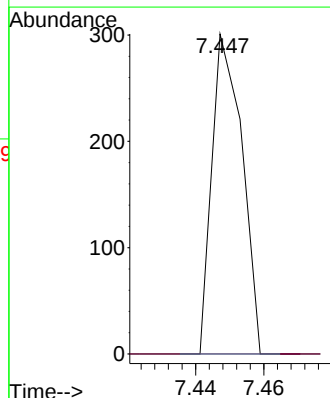
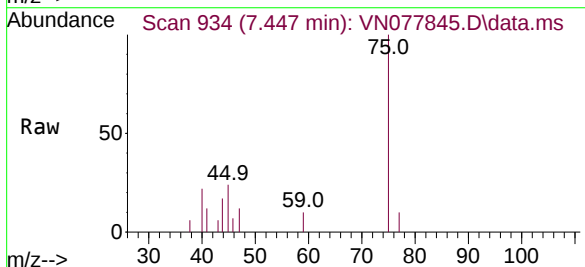
Acq: 24 May 2023 07:01

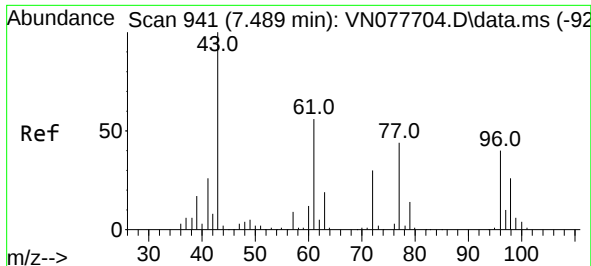
Tgt Ion: 77 Resp: 184

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



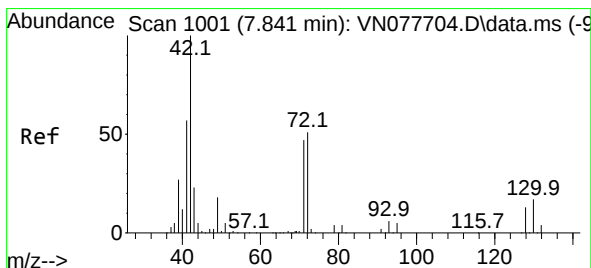
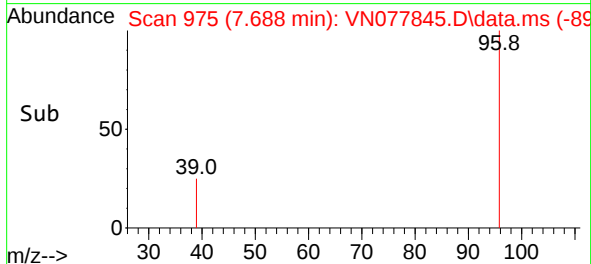
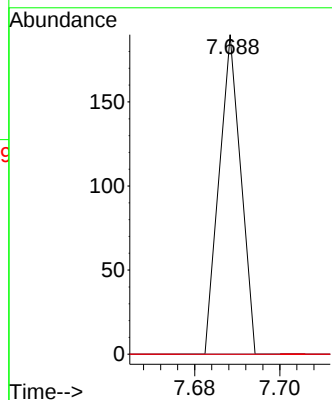
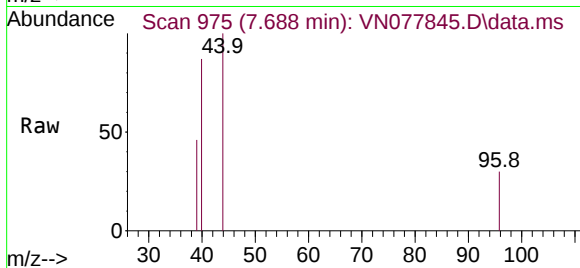


#27
 cis-1,2-Dichloroethene
 Concen: 0.665 ug/l
 RT: 7.688 min Scan# 91
 Delta R.T. 0.200 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

Instrument :
 MSVOA_N
 ClientSampleId :
 2002

Tgt Ion: 96 Resp: 67

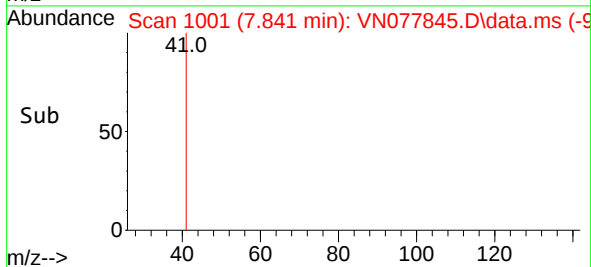
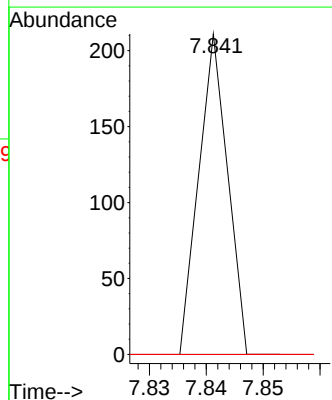
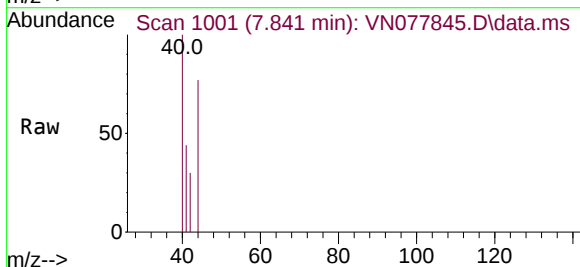
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	255.2
98	0.0	0.0	128.8

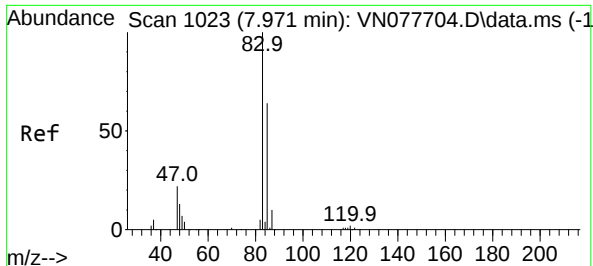


#29
 Tetrahydrofuran
 Concen: 2.158 ug/l
 RT: 7.841 min Scan# 1001
 Delta R.T. 0.000 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

Tgt Ion: 42 Resp: 74

Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#





#30

Chloroform

Concen: 0.305 ug/l

RT: 7.988 min Scan# 1026

Delta R.T. 0.017 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

Instrument :

MSVOA_N

ClientSampleId :

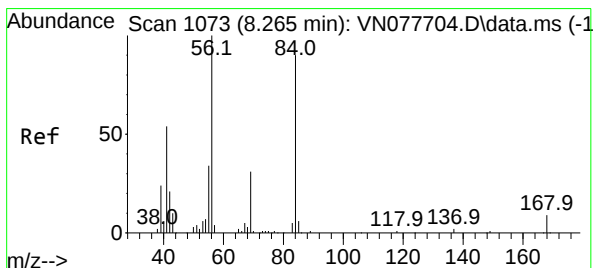
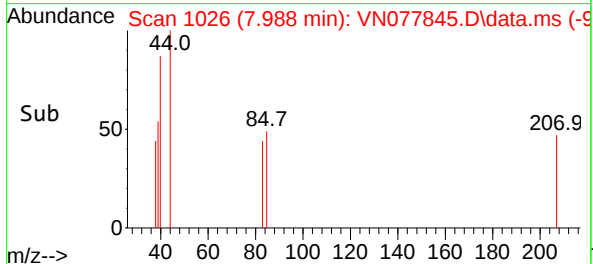
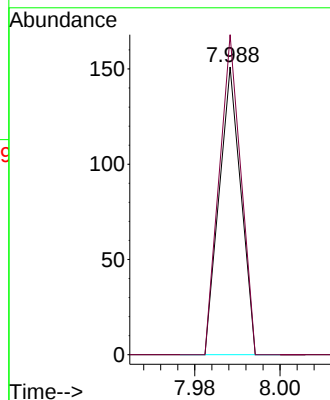
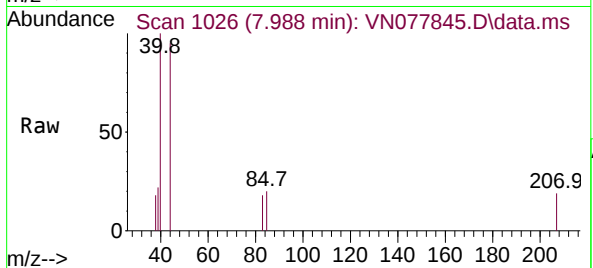
2002

Tgt Ion: 83 Resp: 53

Ion Ratio Lower Upper

83 100

85 111.3 55.4 83.0#



#31

Cyclohexane

Concen: 0.843 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

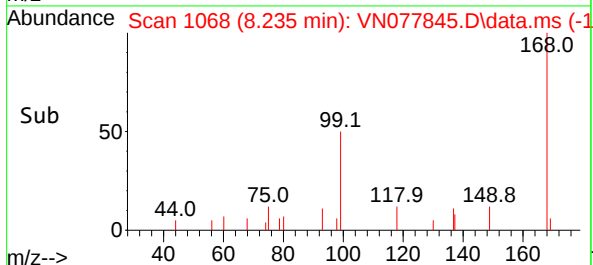
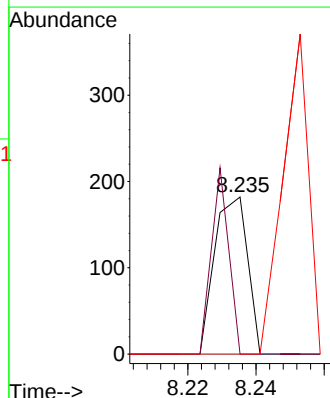
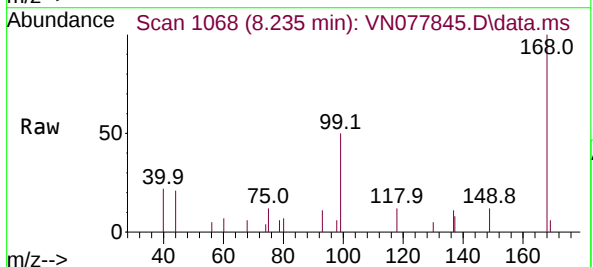
Tgt Ion: 56 Resp: 122

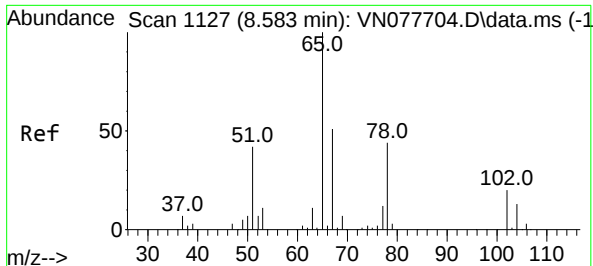
Ion Ratio Lower Upper

56 100

69 0.0 26.8 40.2#

84 0.0 81.8 122.6#

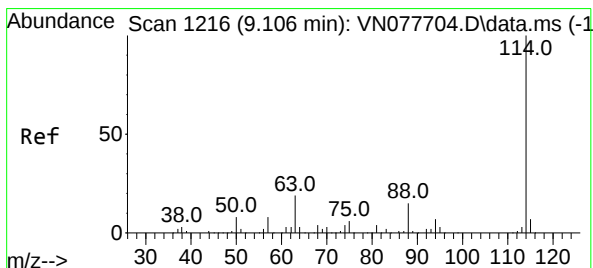
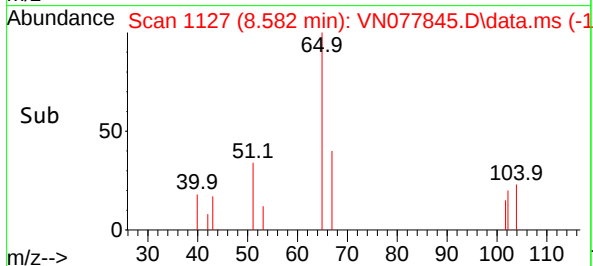
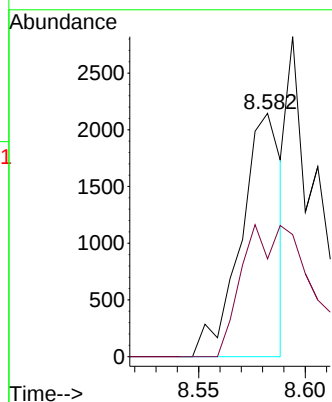
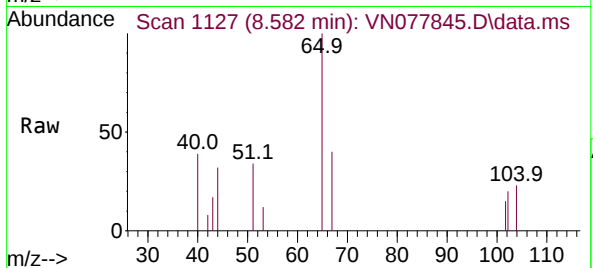




#33
 1,2-Dichloroethane-d4
 Concen: 26.656 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

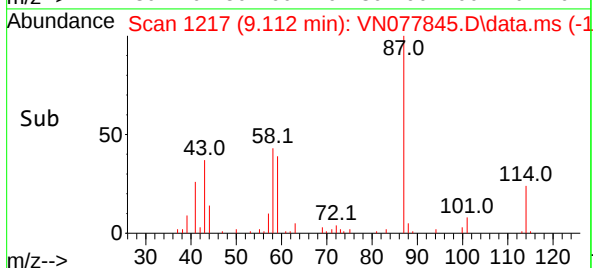
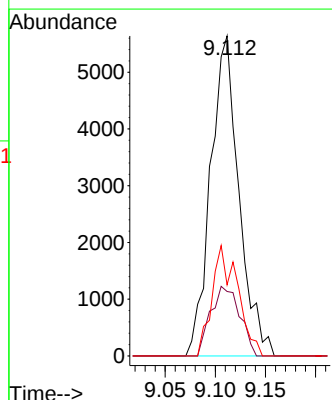
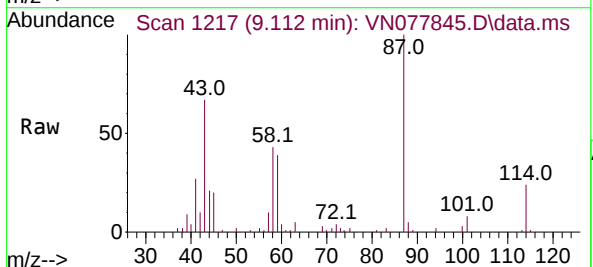
Instrument :
 MSVOA_N
 ClientSampleId :
 2002

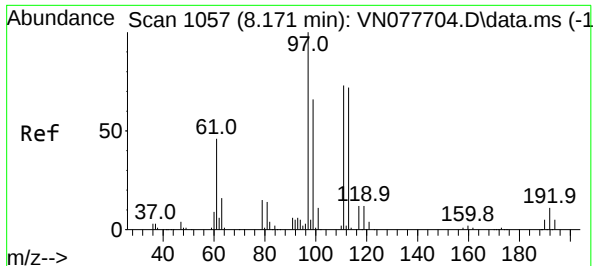
Tgt Ion: 65 Resp: 2837
 Ion Ratio Lower Upper
 65 100
 67 91.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.112 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

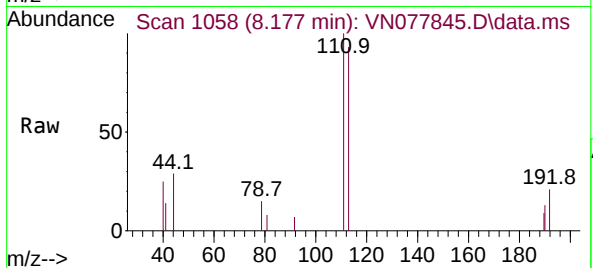
Tgt Ion: 114 Resp: 11101
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 36.4
 88 22.2 0.0 30.6



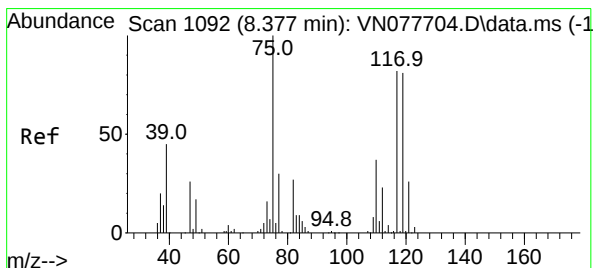
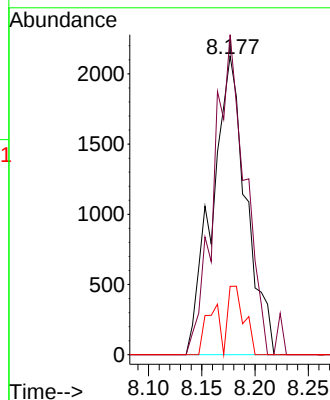
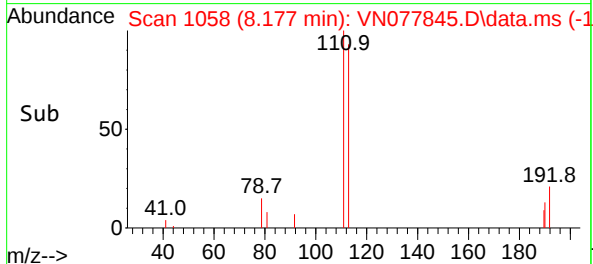


#35
Dibromofluoromethane
Concen: 65.162 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

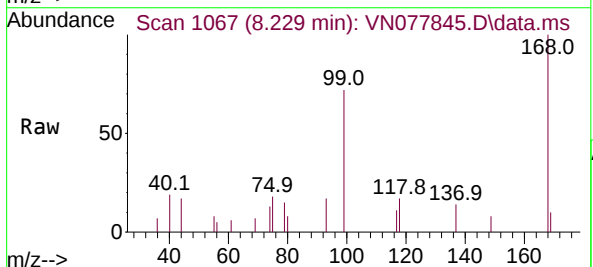
Instrument :
MSVOA_N
ClientSampleId :
2002



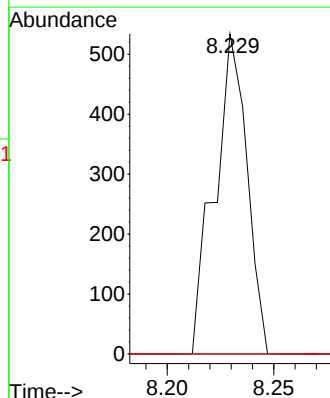
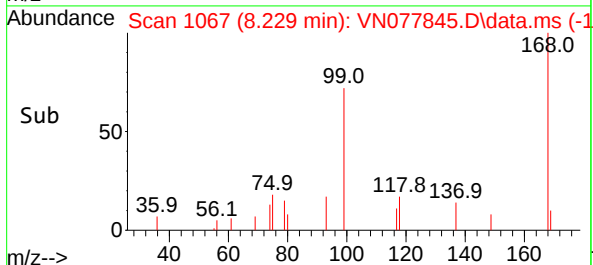
Tgt Ion:113 Resp: 4717
Ion Ratio Lower Upper
113 100
111 97.9 82.6 123.8
192 11.0 12.7 19.1#

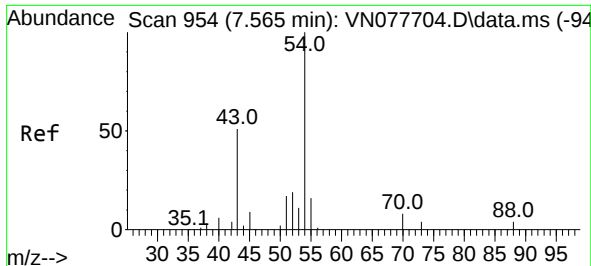


#36
1,1-Dichloropropene
Concen: 5.336 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01



Tgt Ion: 75 Resp: 565
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 10.438 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077845.D

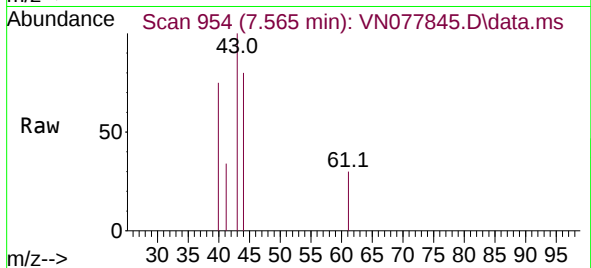
Acq: 24 May 2023 07:01

Instrument :

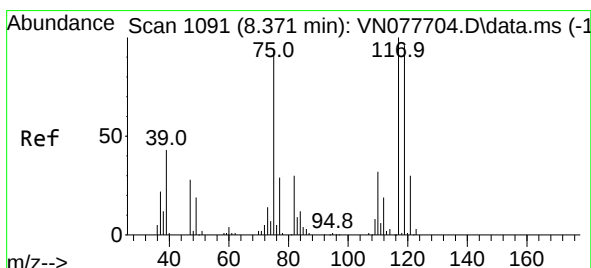
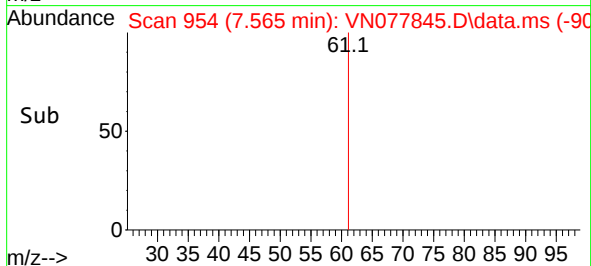
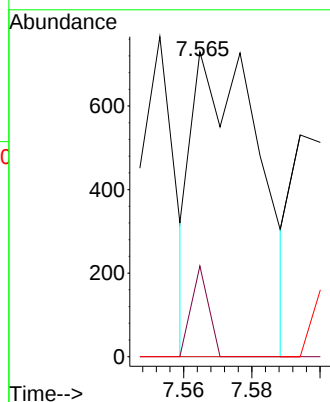
MSVOA_N

ClientSampleId :

2002



Tgt Ion:	43	Resp:	985
Ion	Ratio	Lower	Upper
43	100		
61	7.8	13.2	19.8#
70	0.0	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 1.328 ug/l

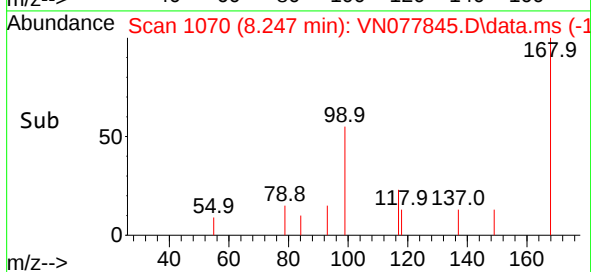
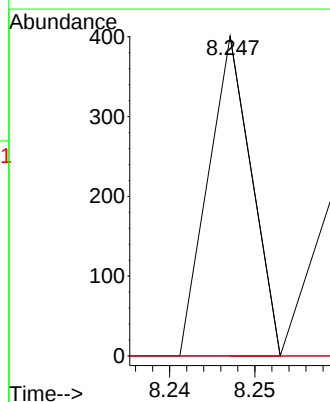
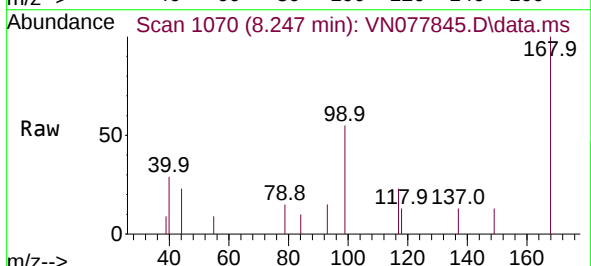
RT: 8.247 min Scan# 1070

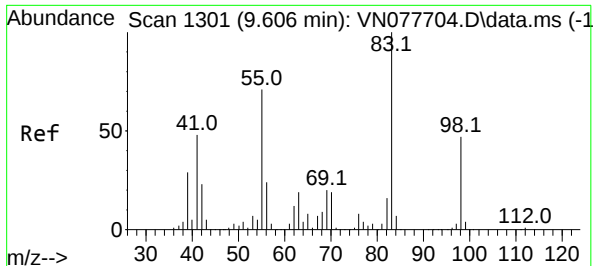
Delta R.T. -0.124 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

Tgt Ion:	117	Resp:	142
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.3	115.9#
121	0.0	23.3	34.9#





#39

Methylcyclohexane

Concen: 0.432 ug/l

RT: 9.729 min Scan# 1132

Delta R.T. 0.123 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

Instrument :

MSVOA_N

ClientSampleId :

2002

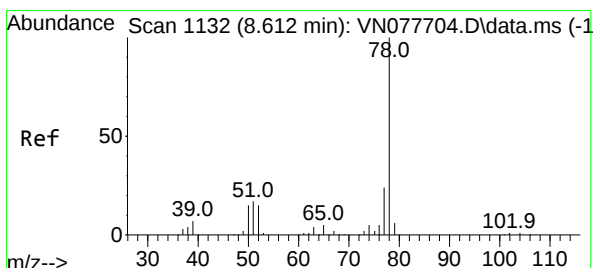
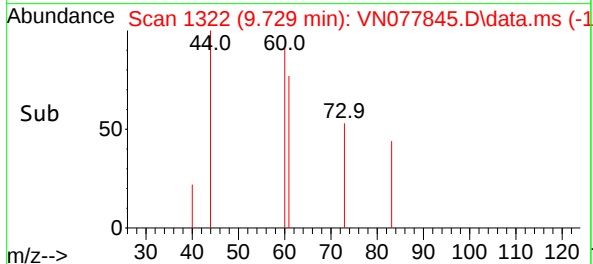
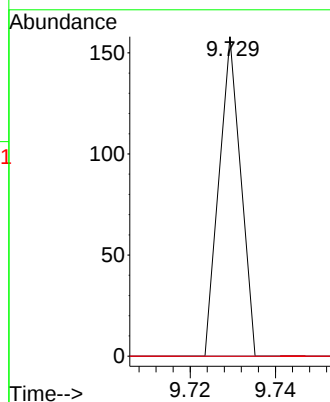
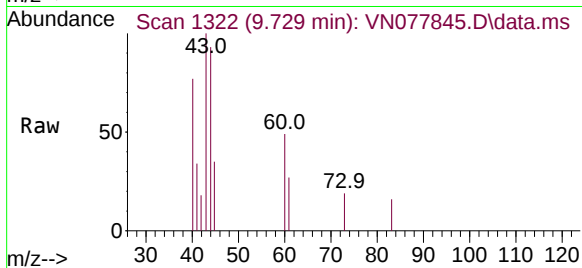
Tgt Ion: 83 Resp: 56

Ion Ratio Lower Upper

83 100

55 0.0 49.1 73.7#

98 0.0 40.6 61.0#



#40

Benzene

Concen: 0.887 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN077845.D

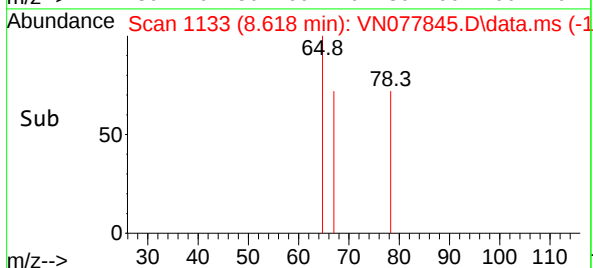
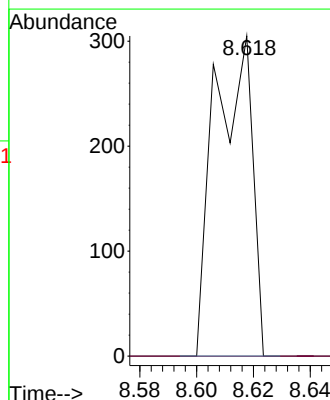
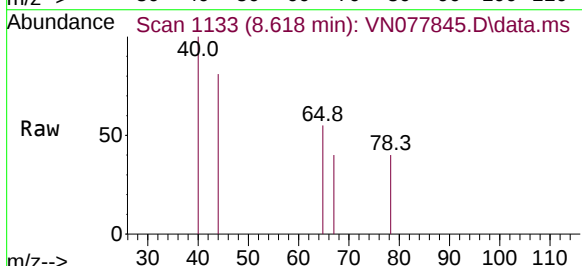
Acq: 24 May 2023 07:01

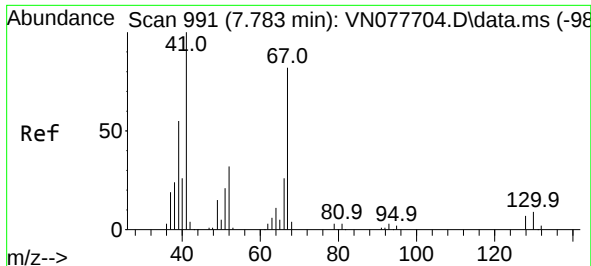
Tgt Ion: 78 Resp: 277

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.6#

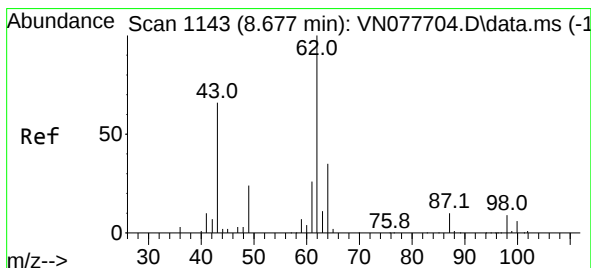
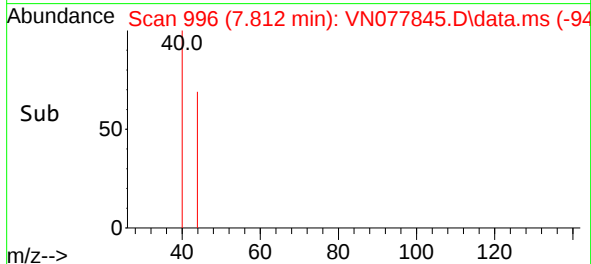
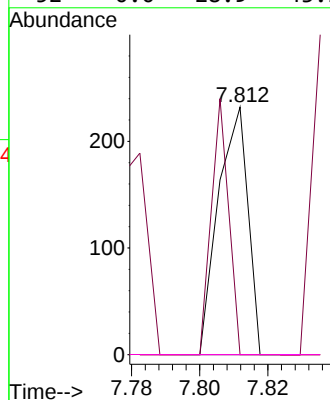
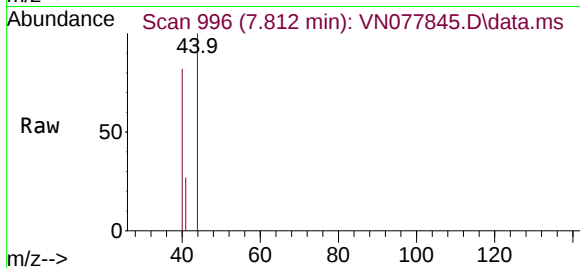




#41
Methacrylonitrile
Concen: 2.786 ug/l
RT: 7.812 min Scan# 91
Delta R.T. 0.030 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

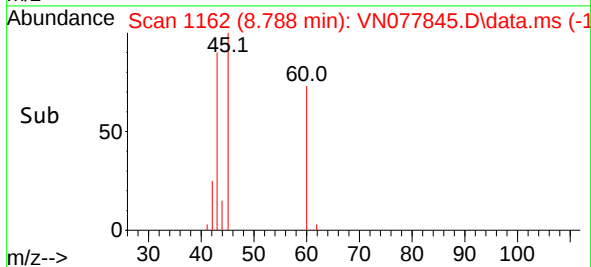
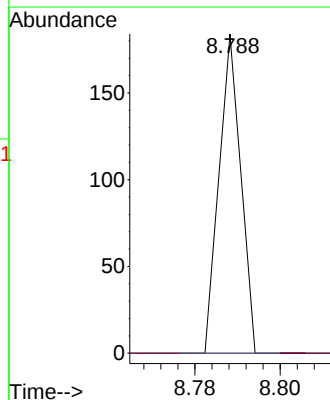
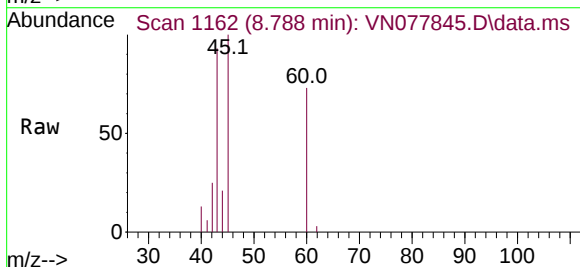
Instrument :
MSVOA_N
ClientSampleId :
2002

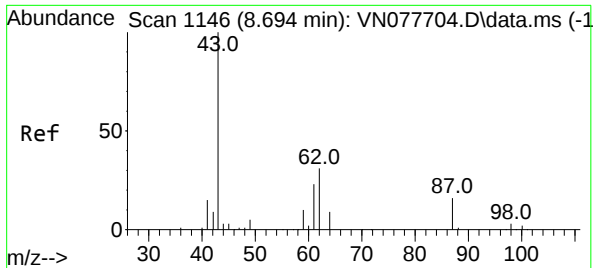
Tgt Ion:	41	Resp:	140
Ion	Ratio	Lower	Upper
41	100		
39	60.7	42.6	64.0
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 0.573 ug/l
RT: 8.788 min Scan# 1162
Delta R.T. 0.111 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion:	62	Resp:	65
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.8

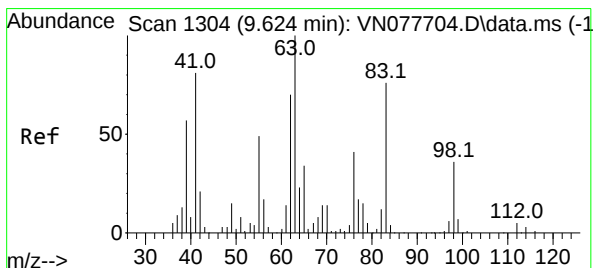
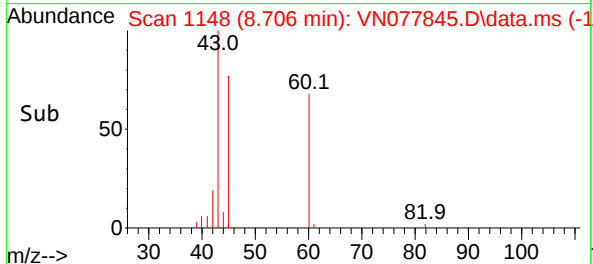
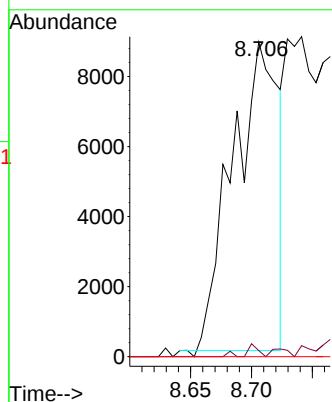
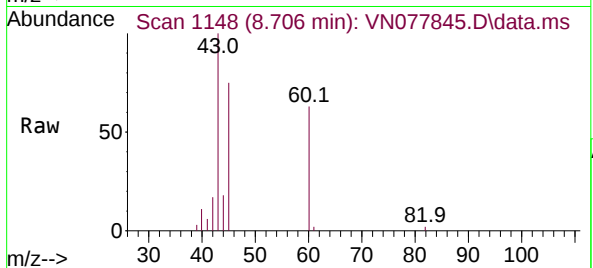




#43
Isopropyl Acetate
Concen: 148.833 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

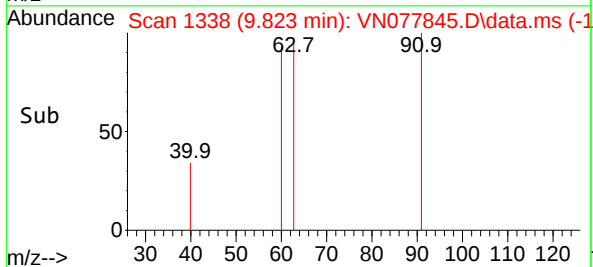
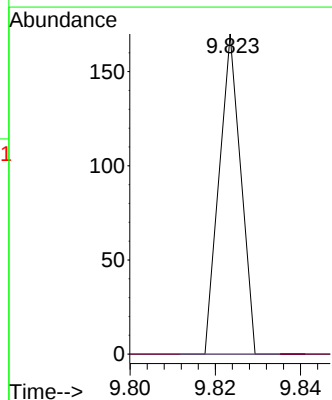
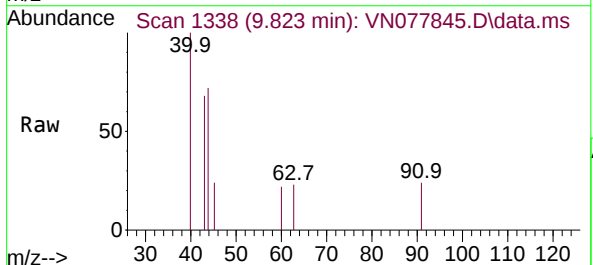
Instrument :
MSVOA_N
ClientSampleId :
2002

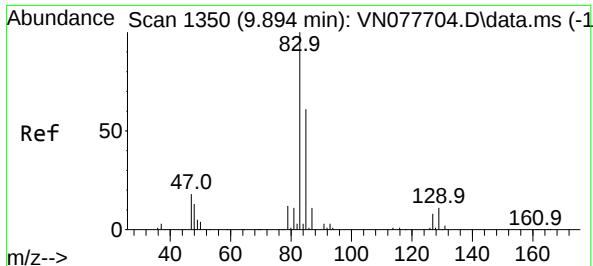
Tgt Ion: 43 Resp: 22942
Ion Ratio Lower Upper
43 100
61 0.8 24.7 37.1#
87 0.0 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.753 ug/l
RT: 9.823 min Scan# 1338
Delta R.T. 0.199 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 63 Resp: 60
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#





#47

Bromodichloromethane

Concen: 0.522 ug/l

RT: 9.935 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

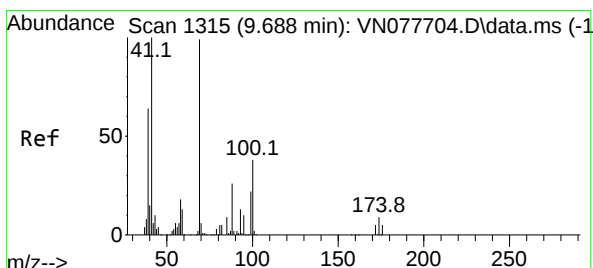
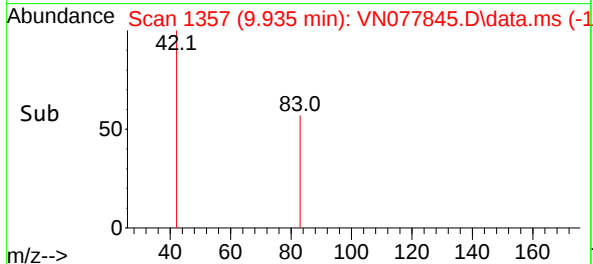
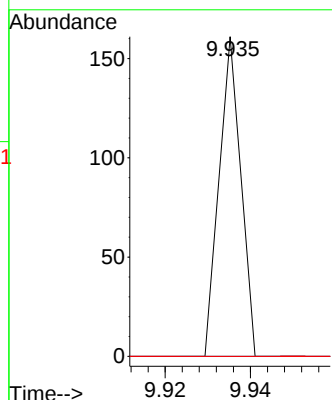
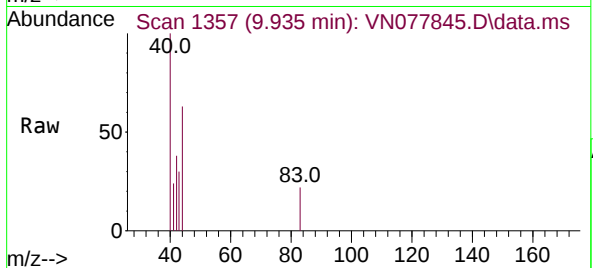
Instrument :

MSVOA_N

ClientSampleId :

2002

Tgt Ion: 83	Resp:	57
Ion	Ratio	Lower Upper
83	100	
85	0.0	49.6 74.4#
127	0.0	7.0 10.6#



#48

Methyl methacrylate

Concen: 1.710 ug/l

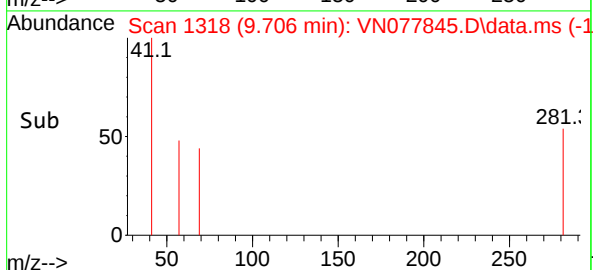
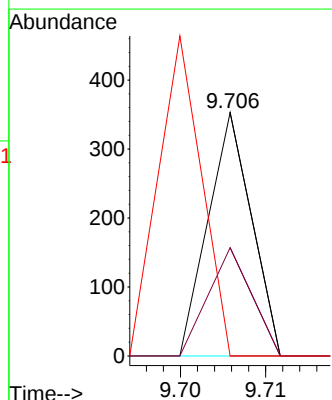
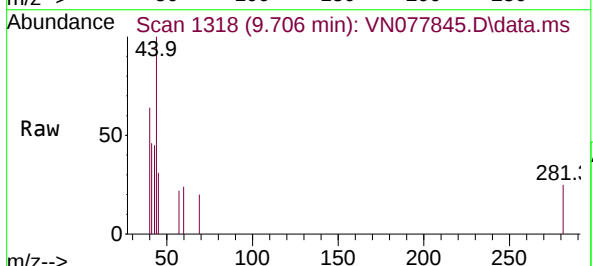
RT: 9.706 min Scan# 1318

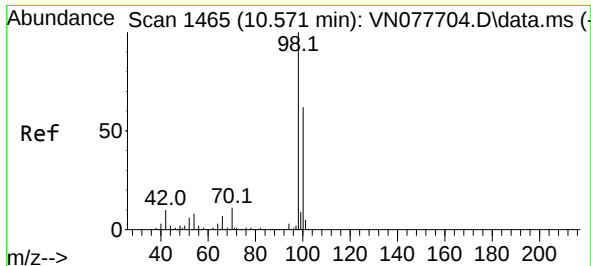
Delta R.T. 0.018 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

Tgt Ion: 41	Resp:	125
Ion	Ratio	Lower Upper
41	100	
69	44.0	90.4 135.6#
39	131.2	54.6 81.8#

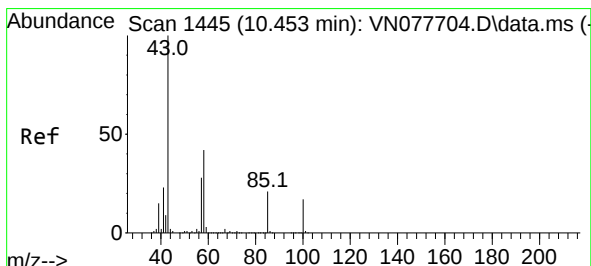
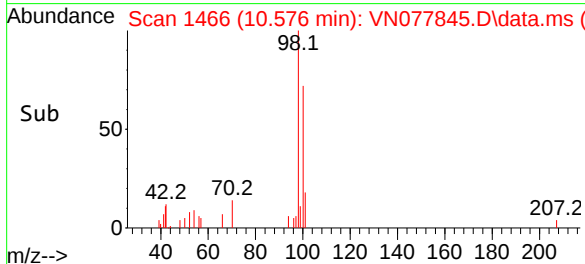
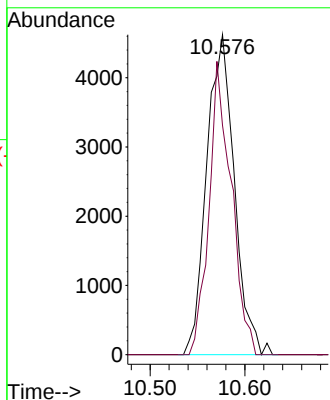
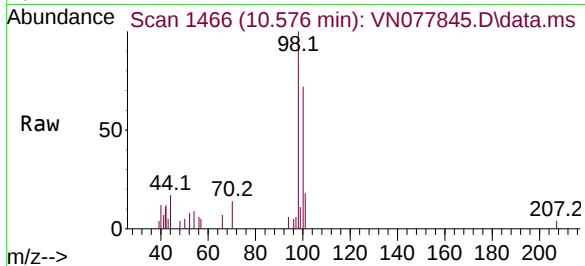




#50
Toluene-d8
Concen: 33.611 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

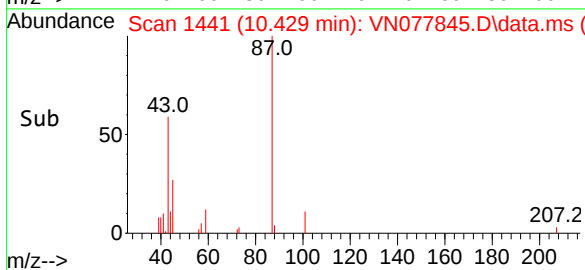
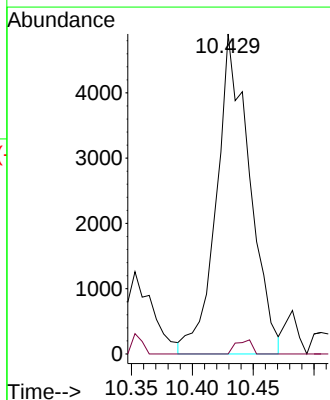
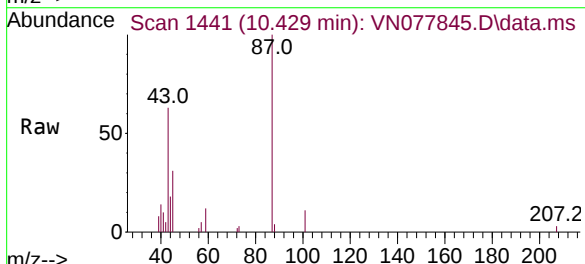
Instrument :
MSVOA_N
ClientSampleId :
2002

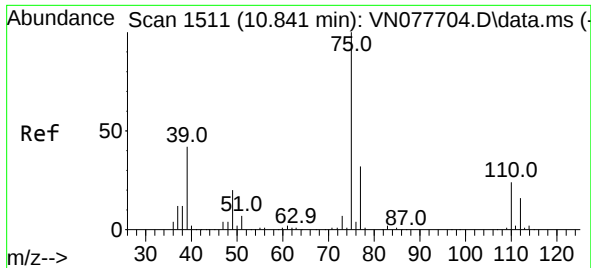
Tgt Ion: 98 Resp: 9365
Ion Ratio Lower Upper
98 100
100 73.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 101.336 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. -0.018 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 43 Resp: 9285
Ion Ratio Lower Upper
43 100
58 2.1 36.6 54.8#

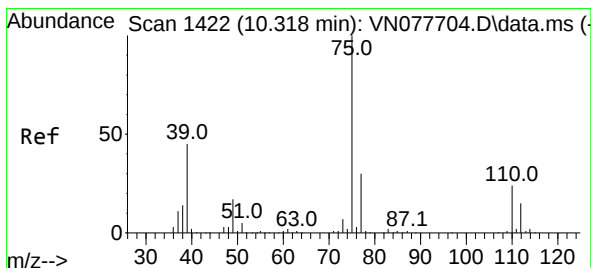
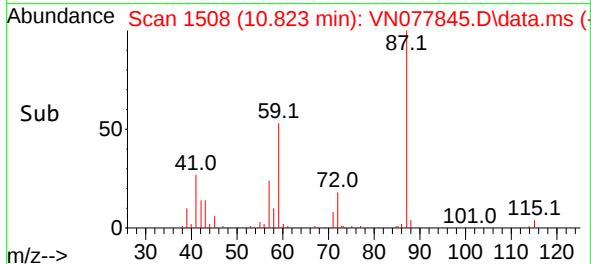
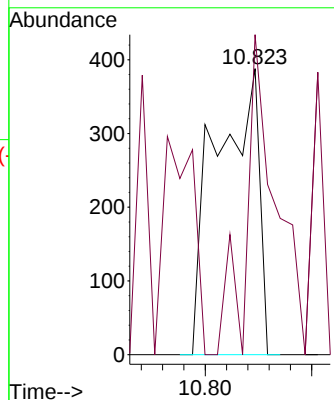
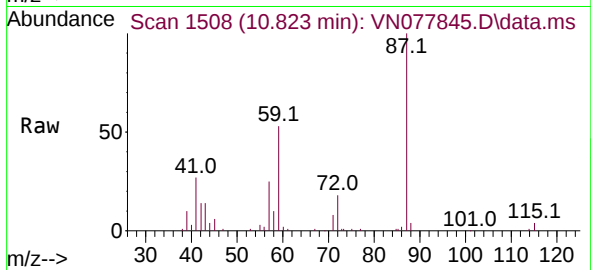




#53
 t-1,3-Dichloropropene
 Concen: 4.696 ug/l
 RT: 10.823 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

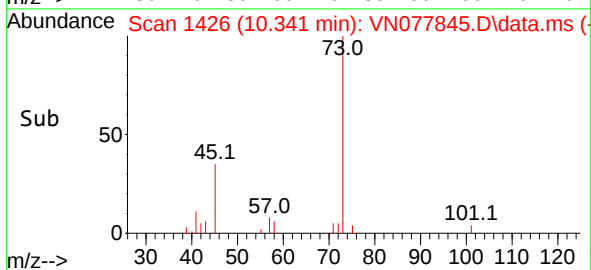
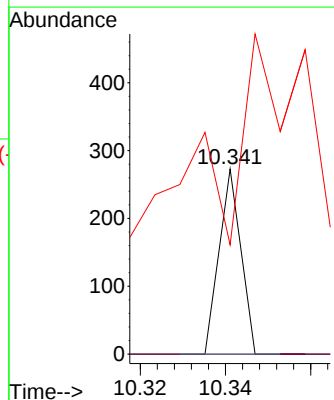
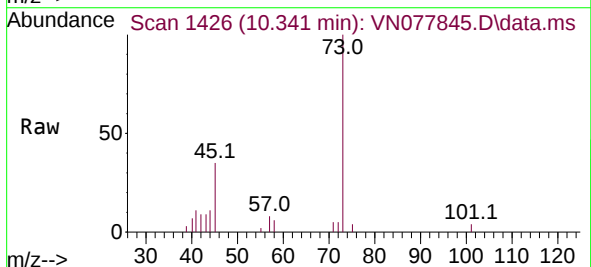
Instrument :
 MSVOA_N
 ClientSampleId :
 2002

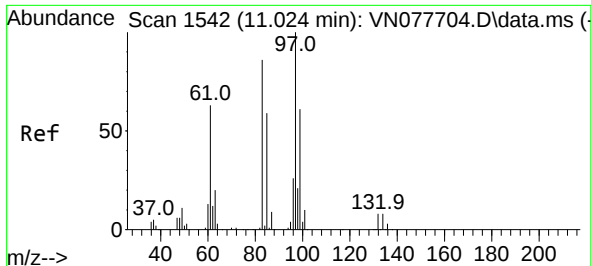
Tgt Ion: 75 Resp: 543
 Ion Ratio Lower Upper
 75 100
 77 64.2 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.753 ug/l
 RT: 10.341 min Scan# 1426
 Delta R.T. 0.023 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

Tgt Ion: 75 Resp: 96
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 0.0 31.6 47.4#

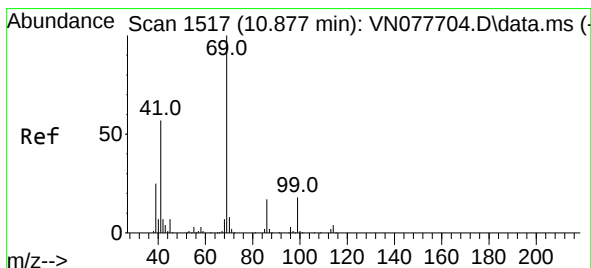
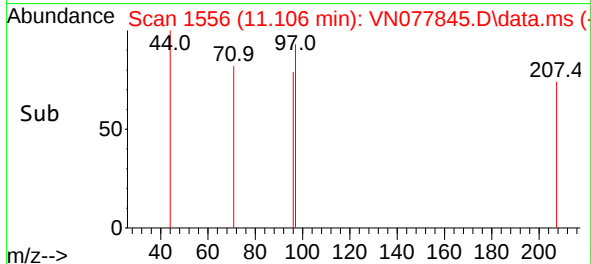
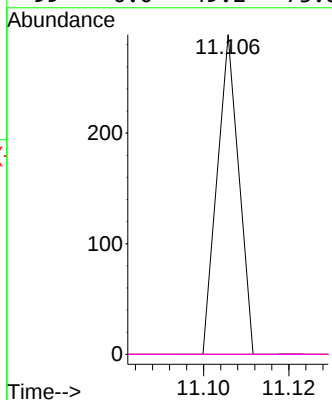
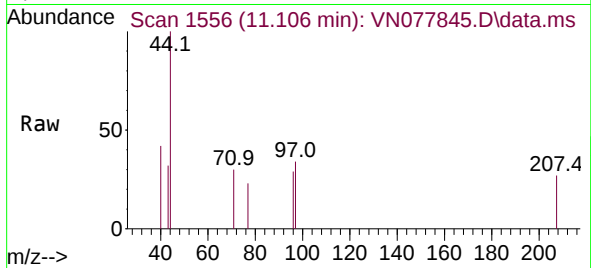




#55
1,1,2-Trichloroethane
Concen: 1.321 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.083 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

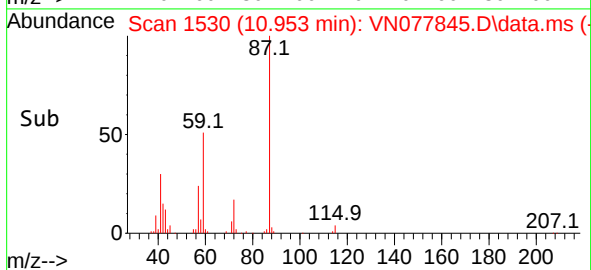
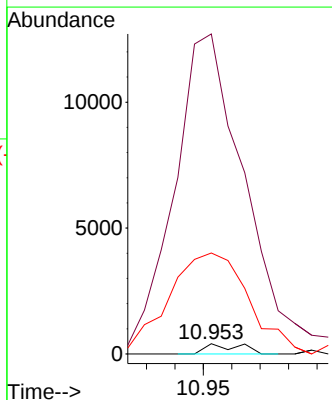
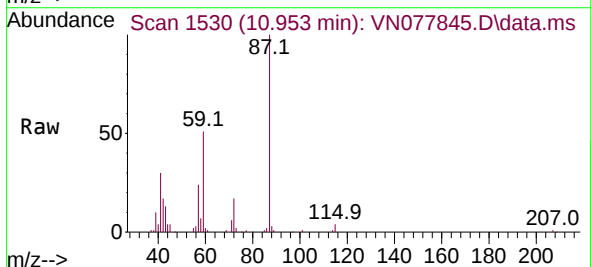
Instrument :
MSVOA_N
ClientSampleId :
2002

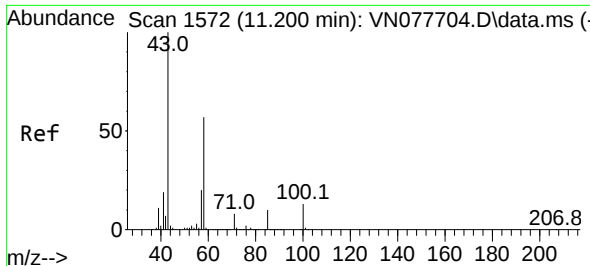
Tgt Ion: 97	Resp:	102
Ion	Ratio	Lower Upper
97	100	
83	0.0	65.1 97.7#
85	0.0	43.4 65.2#
99	0.0	49.2 73.8#



#56
Ethyl methacrylate
Concen: 2.937 ug/l
RT: 10.953 min Scan# 1530
Delta R.T. 0.071 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 69	Resp:	343
Ion	Ratio	Lower Upper
69	100	
41	6564.4	39.6 59.4#
39	2362.4	28.6 43.0#

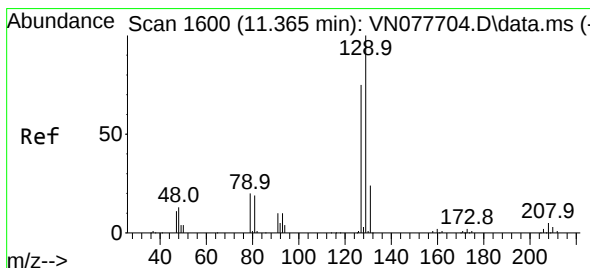
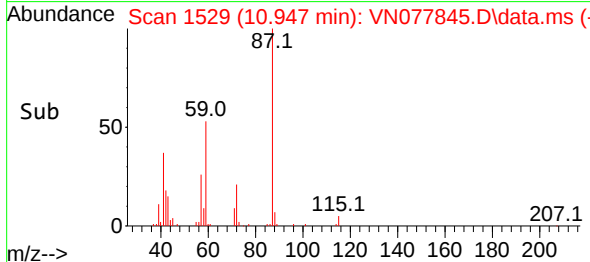
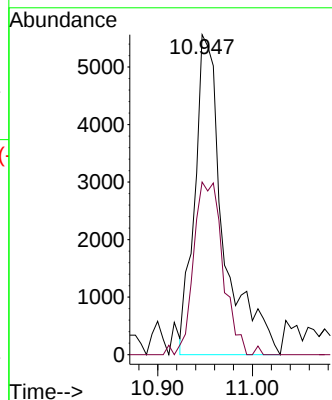
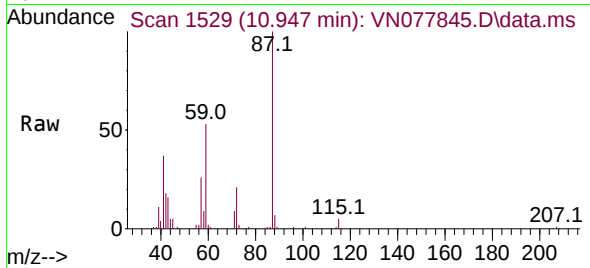




#59
2-Hexanone
Concen: 174.157 ug/l
RT: 10.947 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

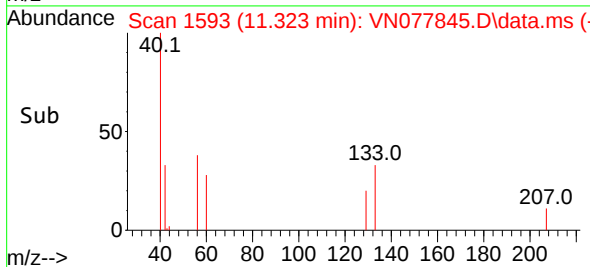
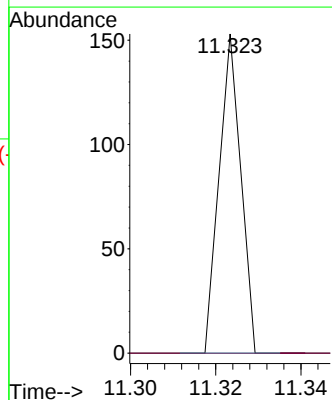
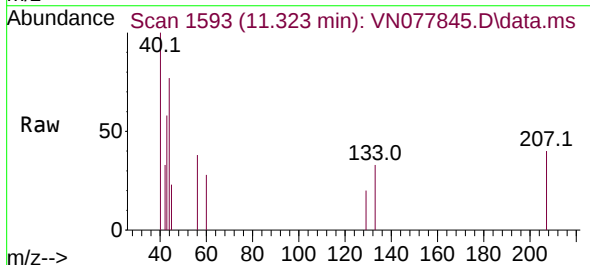
Instrument :
MSVOA_N
ClientSampleId :
2002

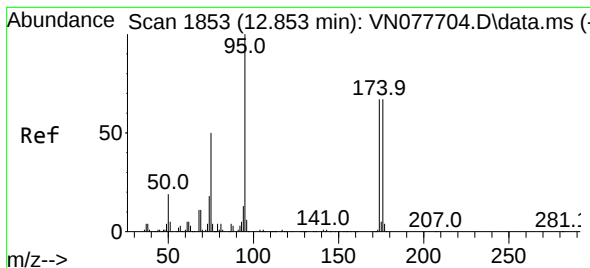
Tgt Ion: 43 Resp: 11803
Ion Ratio Lower Upper
43 100
58 54.0 31.7 95.1



#60
Dibromochloromethane
Concen: 0.677 ug/l
RT: 11.323 min Scan# 1593
Delta R.T. -0.042 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 129 Resp: 54
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

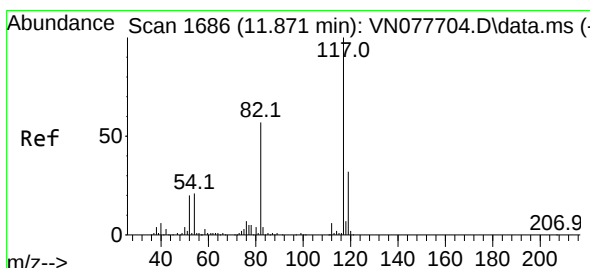
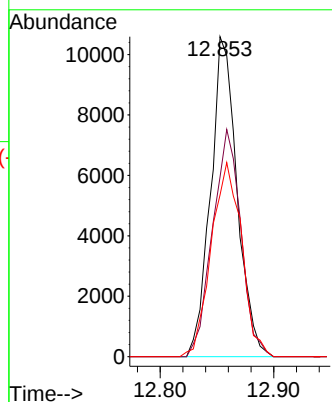
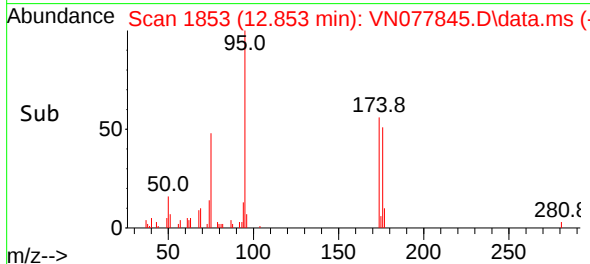
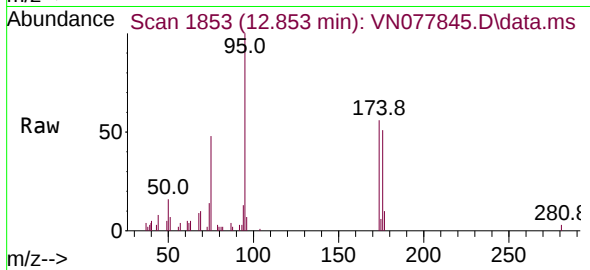




#62
4-Bromofluorobenzene
Concen: 173.872 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

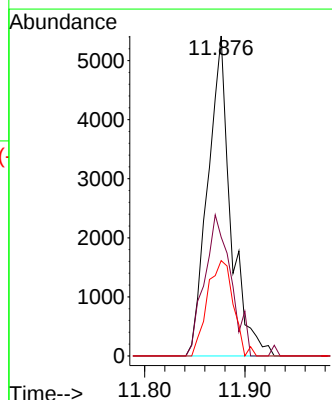
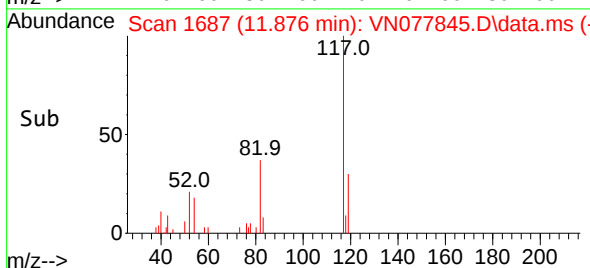
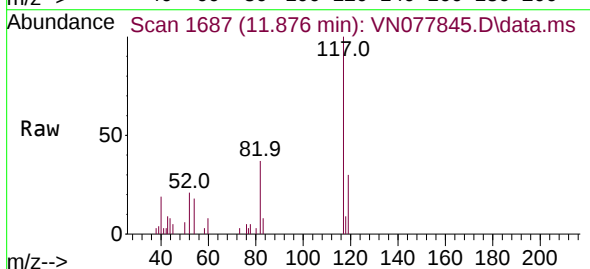
Instrument :
MSVOA_N
ClientSampleId :
2002

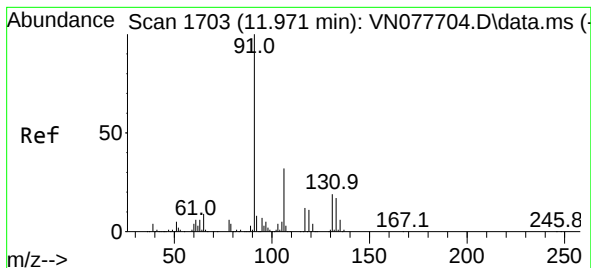
Tgt Ion: 95 Resp: 17110
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 69.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 117 Resp: 8648
Ion Ratio Lower Upper
117 100
82 37.1 44.0 66.0#
119 29.8 25.6 38.4





#67

Ethyl Benzene

Concen: 0.351 ug/l

RT: 11.964 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

Instrument :

MSVOA_N

ClientSampleId :

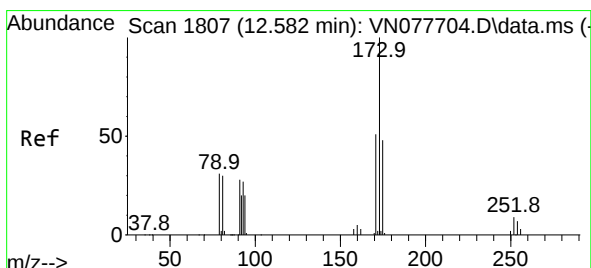
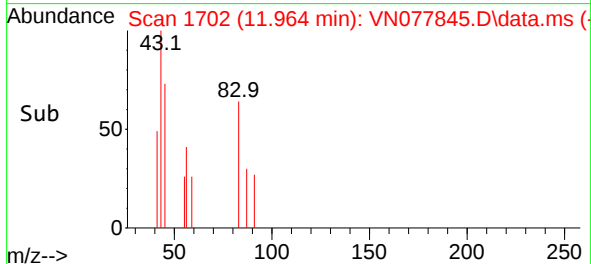
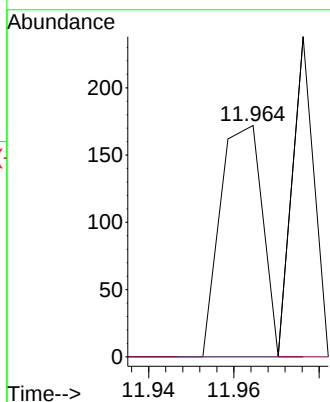
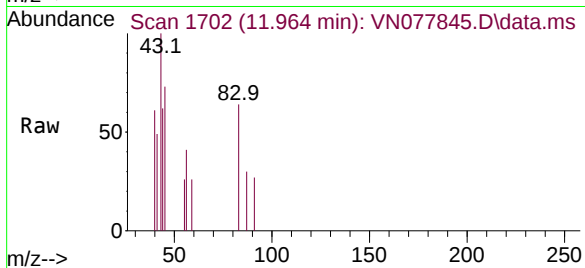
2002

Tgt Ion: 91 Resp: 118

Ion Ratio Lower Upper

91 100

106 0.0 25.6 38.4#



#71

Bromoform

Concen: 2.688 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

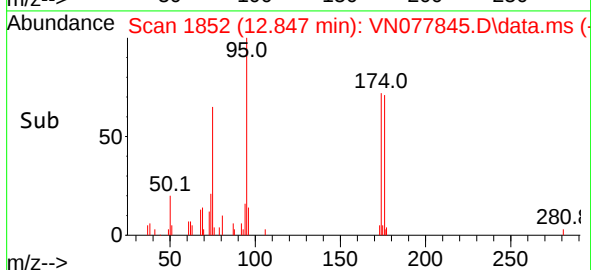
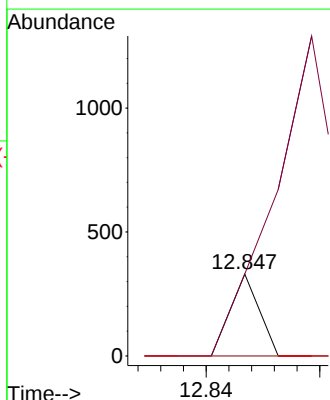
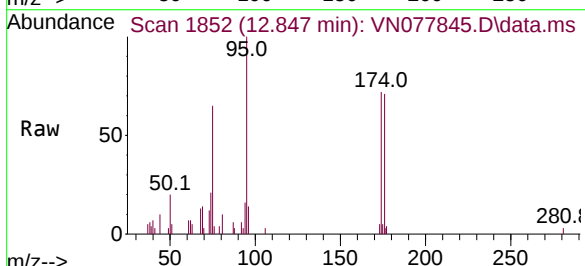
Tgt Ion: 173 Resp: 116

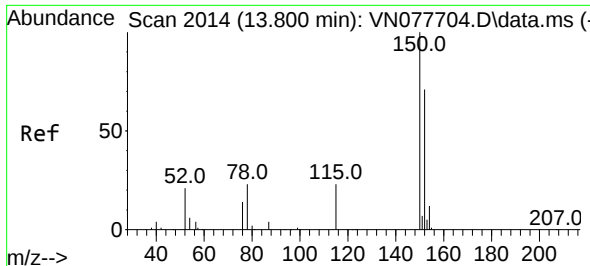
Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0

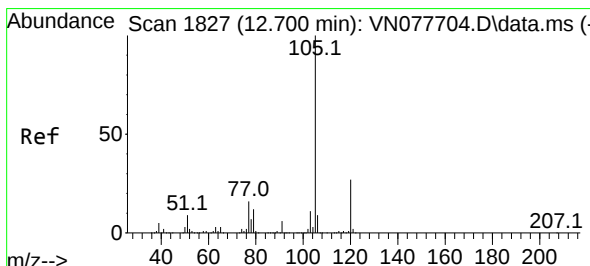
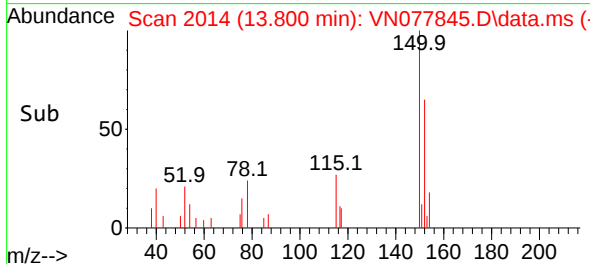
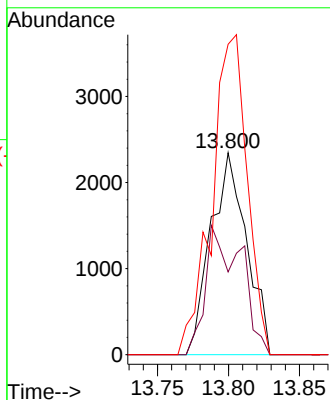
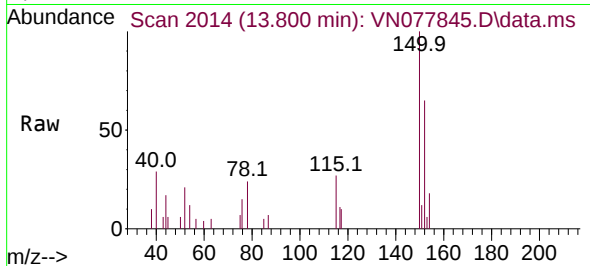




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

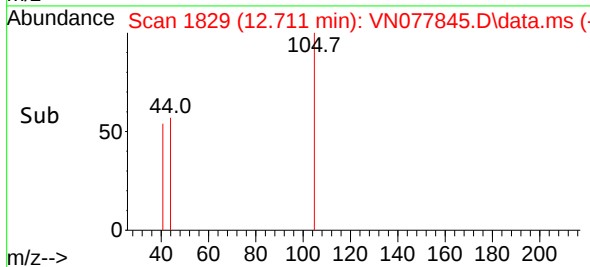
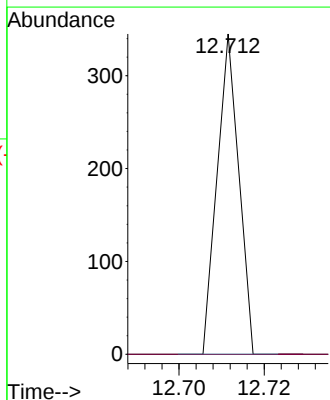
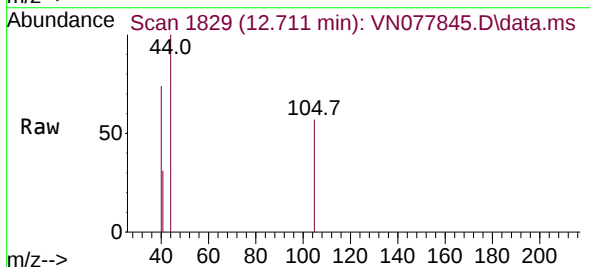
Instrument :
 MSVOA_N
 ClientSampleId :
 2002

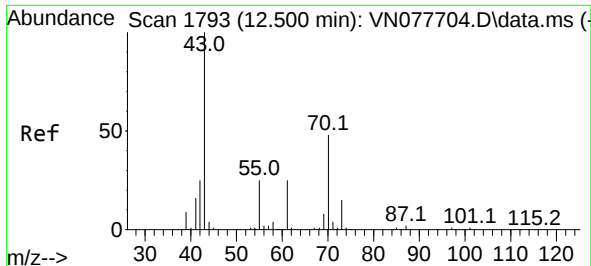
Tgt Ion:152 Resp: 4107
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 155.8 0.0 355.8



#73
 Isopropylbenzene
 Concen: 0.345 ug/l
 RT: 12.711 min Scan# 1829
 Delta R.T. 0.011 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

Tgt Ion:105 Resp: 122
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.1 39.1#

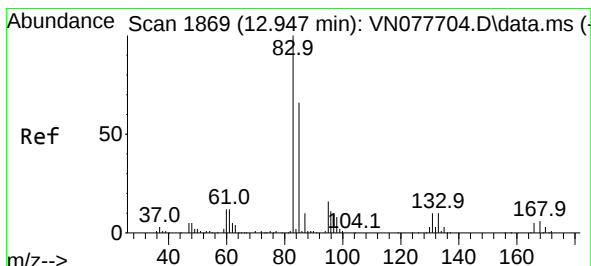
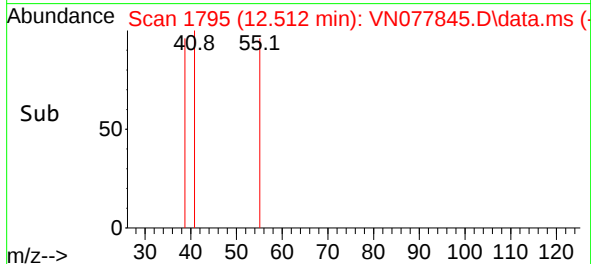
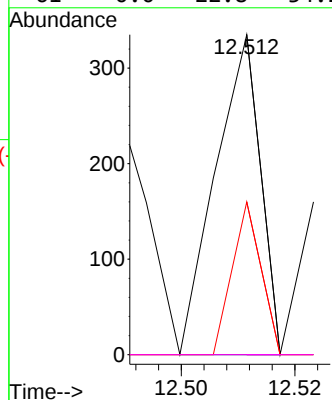
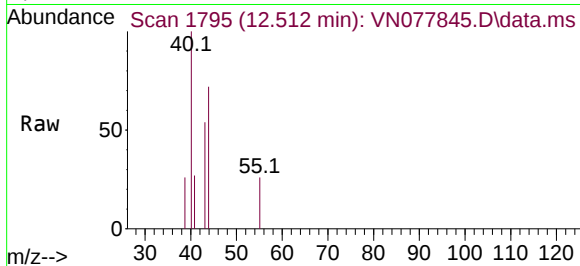




#74
N-amy1 acetate
Concen: 1.406 ug/l
RT: 12.512 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

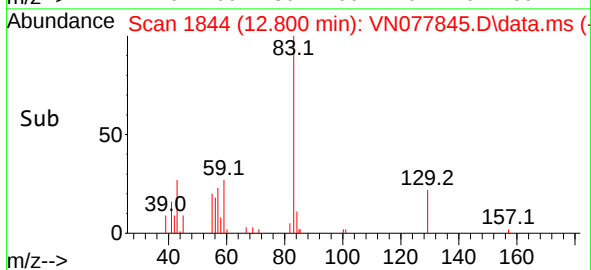
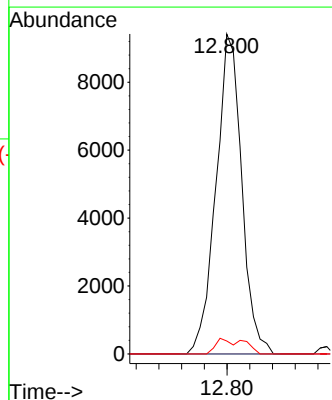
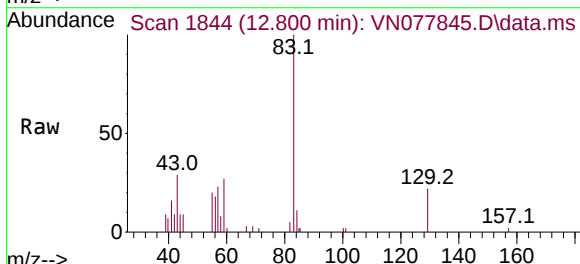
Instrument :
MSVOA_N
ClientSampleId :
2002

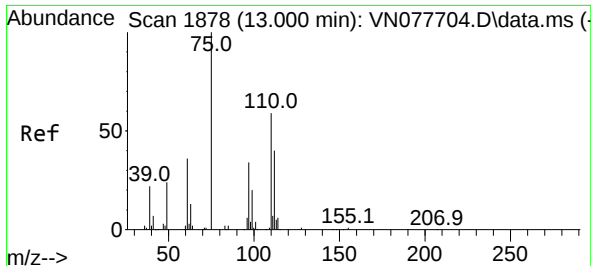
Tgt Ion: 43	Resp: 184
Ion Ratio	Lower Upper
43 100	
70 0.0	43.4 65.2#
55 30.4	21.4 32.0
61 0.0	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 135.927 ug/l
RT: 12.800 min Scan# 1844
Delta R.T. -0.147 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 83	Resp: 14804
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 3.0	31.9 95.7#

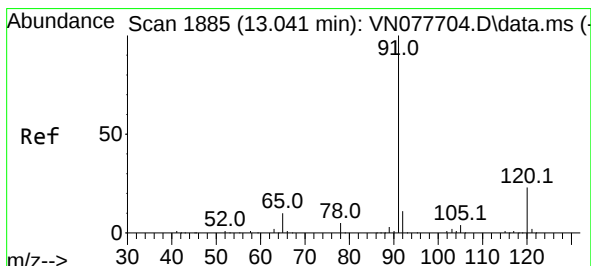
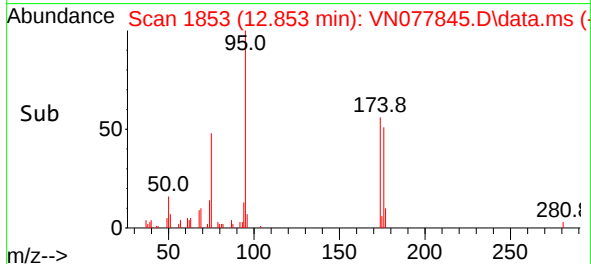
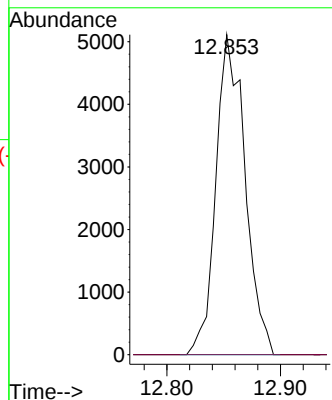
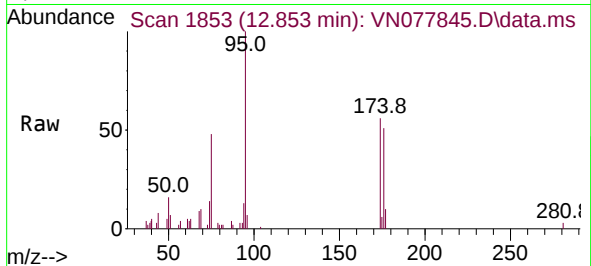




#76
1,2,3-Trichloropropane
Concen: 88.611 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

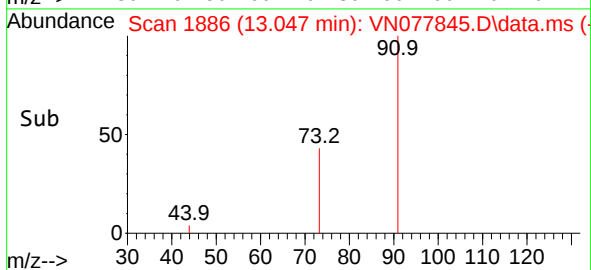
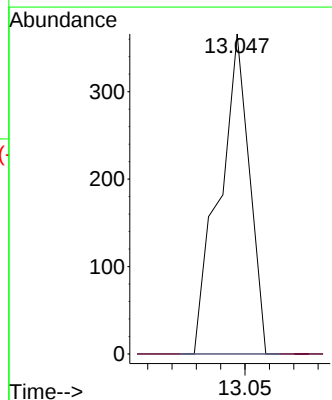
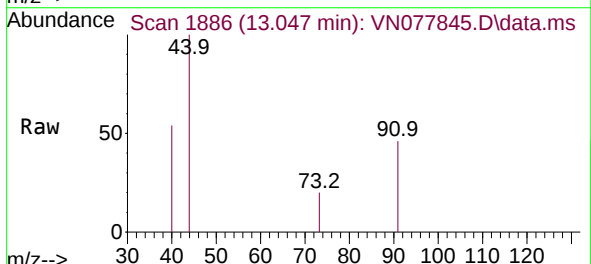
Instrument :
MSVOA_N
ClientSampleId :
2002

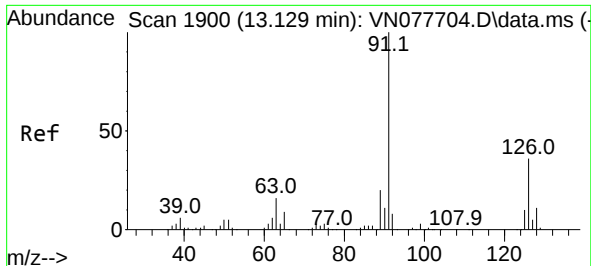
Tgt Ion: 75 Resp: 9114
Ion Ratio Lower Upper
75 100
77 0.0 84.5 253.5#



#78
n-propylbenzene
Concen: 0.750 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 91 Resp: 313
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#

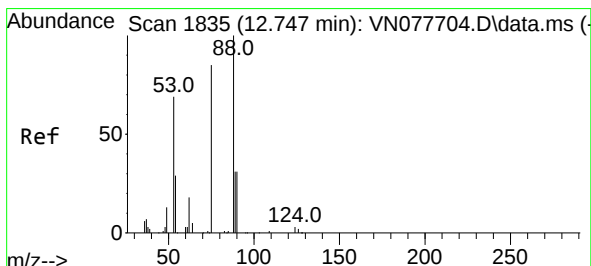
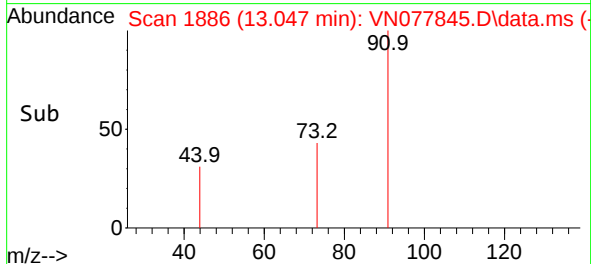
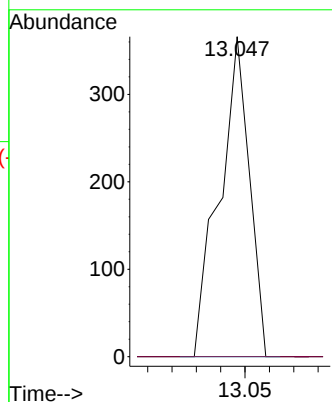
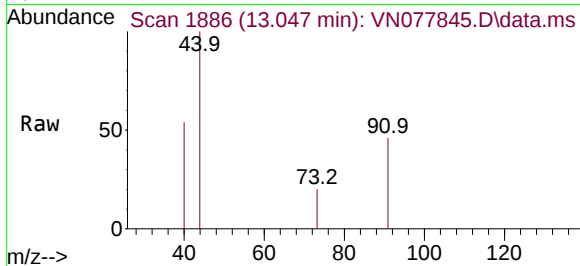




#79
2-Chlorotoluene
Concen: 1.257 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. -0.082 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

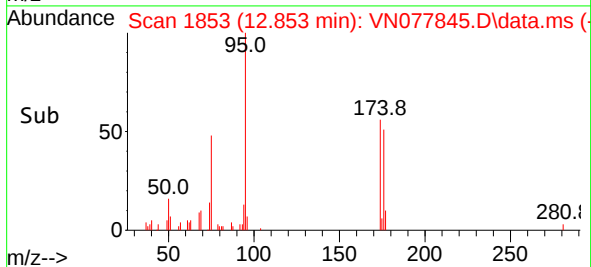
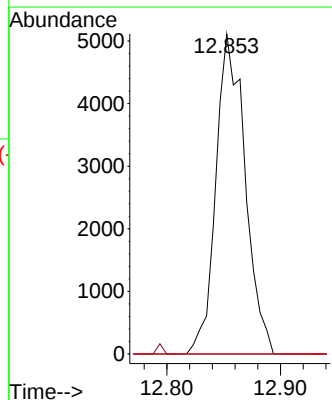
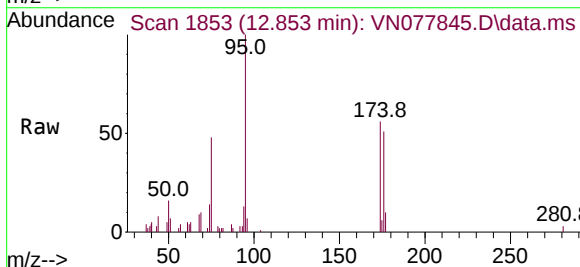
Instrument :
MSVOA_N
ClientSampleId :
2002

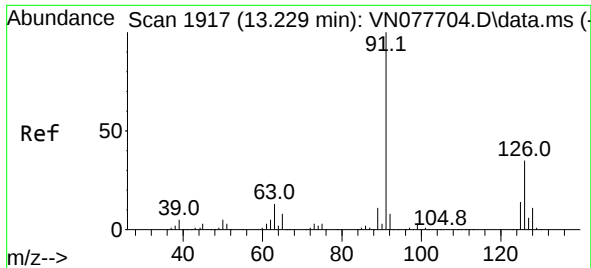
Tgt Ion: 91 Resp: 313
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 283.247 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 75 Resp: 9114
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

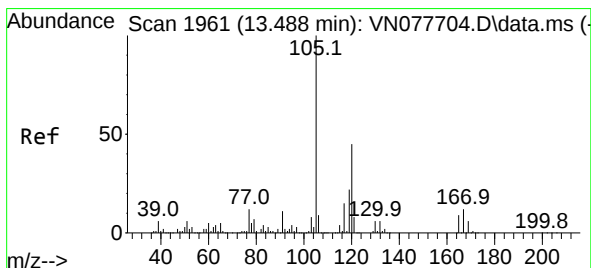
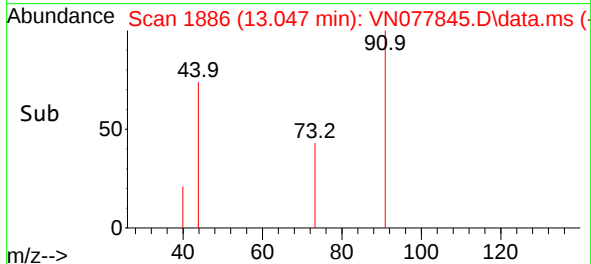
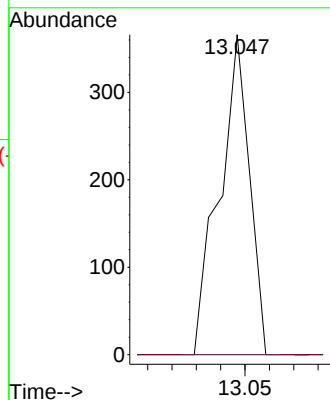
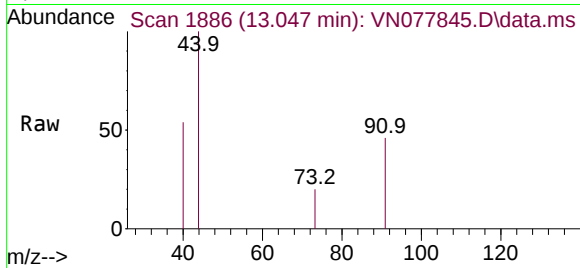




#82
4-Chlorotoluene
Concen: 1.263 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. -0.182 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

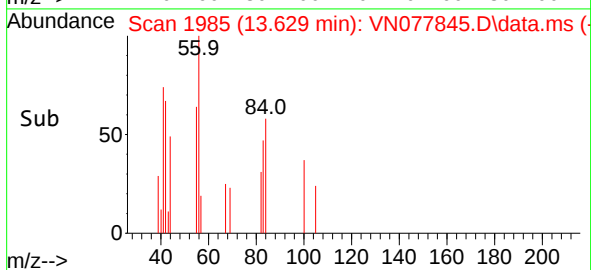
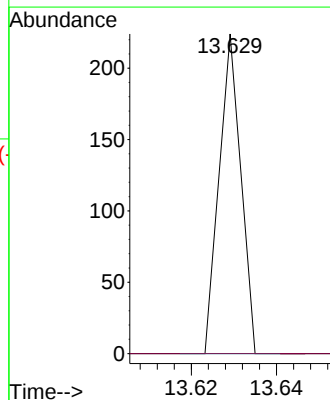
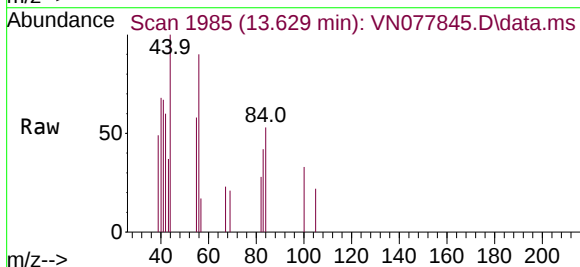
Instrument :
MSVOA_N
ClientSampleId :
2002

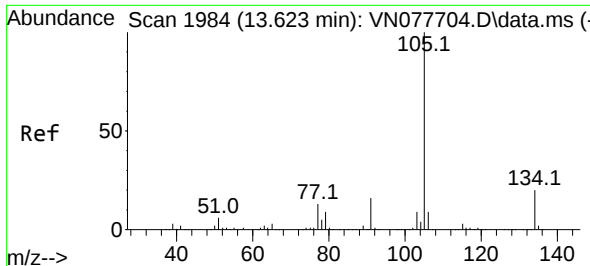
Tgt Ion: 91 Resp: 313
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.270 ug/l
RT: 13.629 min Scan# 1985
Delta R.T. 0.141 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Tgt Ion: 105 Resp: 79
Ion Ratio Lower Upper
105 100
120 0.0 22.0 66.0#

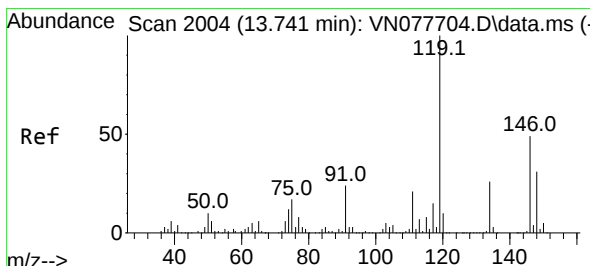
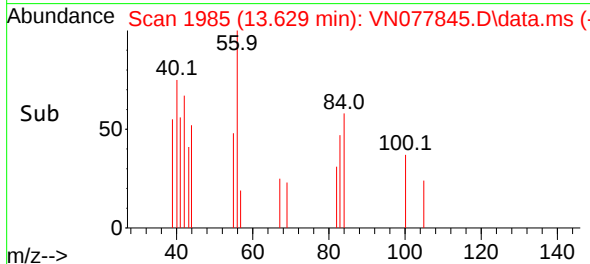
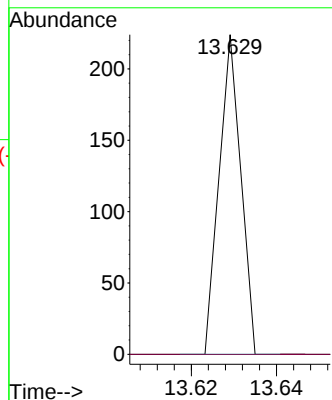
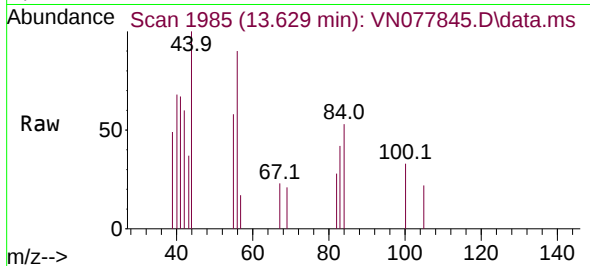




#85
 sec-Butylbenzene
 Concen: 0.214 ug/l
 RT: 13.629 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

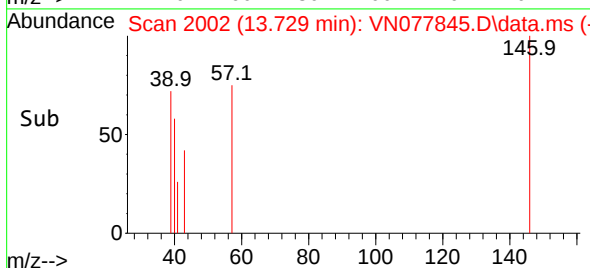
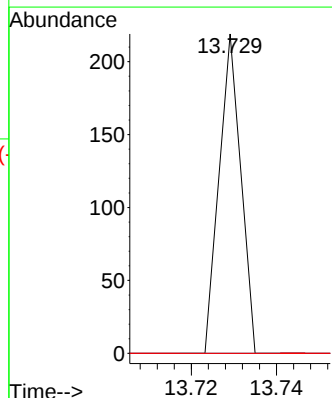
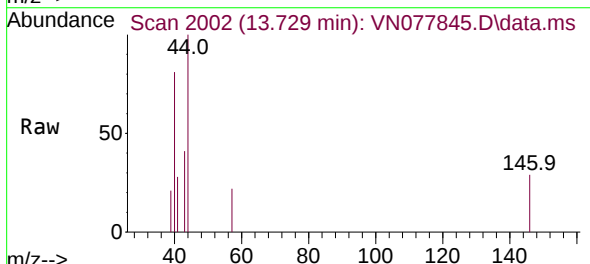
Instrument :
 MSVOA_N
 ClientSampleId :
 2002

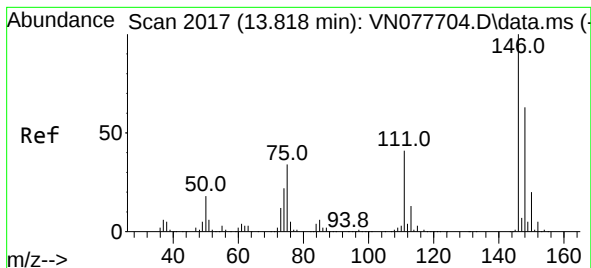
Tgt Ion:105 Resp: 79
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#87
 1,3-Dichlorobenzene
 Concen: 0.515 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.012 min
 Lab File: VN077845.D
 Acq: 24 May 2023 07:01

Tgt Ion:146 Resp: 77
 Ion Ratio Lower Upper
 146 100
 111 0.0 22.1 66.3#
 148 0.0 32.0 96.0#





#88

1,4-Dichlorobenzene

Concen: 0.519 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.088 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

Instrument :

MSVOA_N

ClientSampleId :

2002

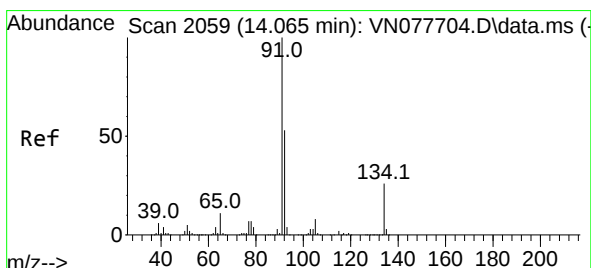
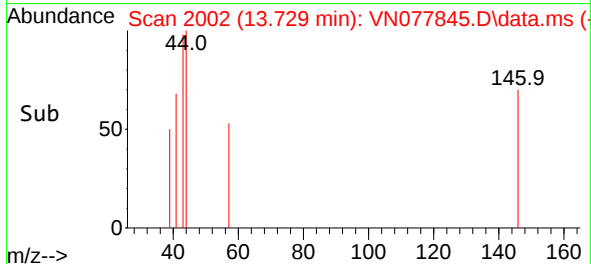
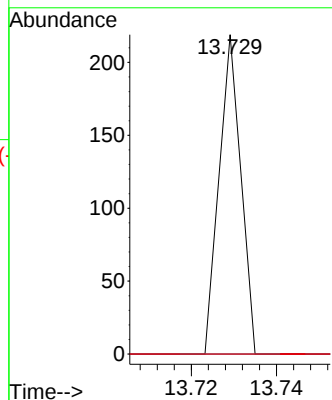
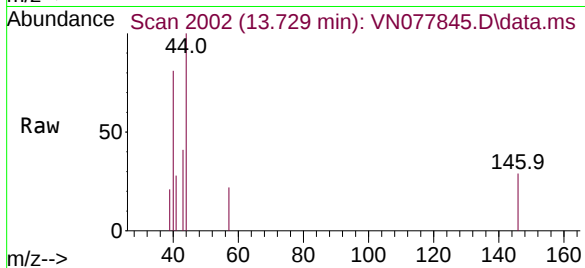
Tgt Ion:146 Resp: 77

Ion Ratio Lower Upper

146 100

111 0.0 20.6 61.8#

148 0.0 31.6 94.8#



#89

n-Butylbenzene

Concen: 0.229 ug/l

RT: 14.070 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

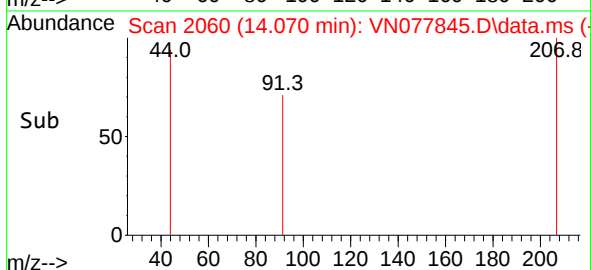
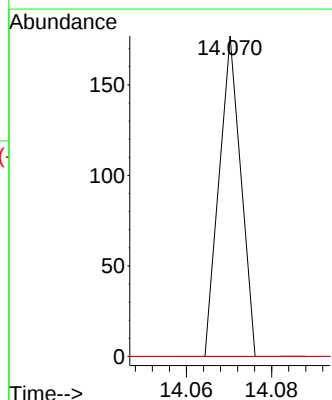
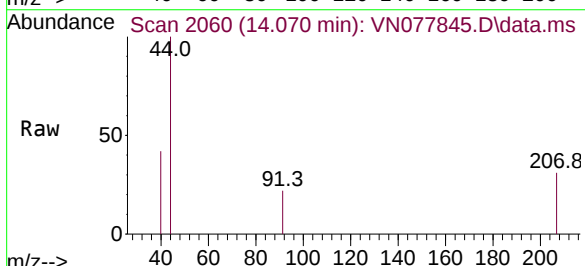
Tgt Ion: 91 Resp: 62

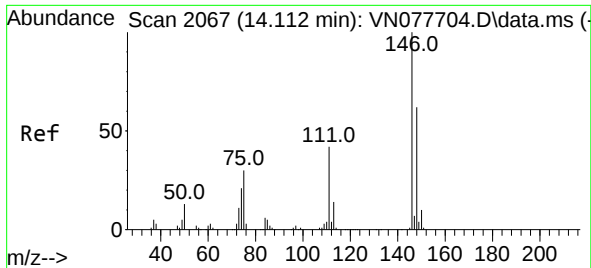
Ion Ratio Lower Upper

91 100

92 0.0 26.4 79.0#

134 0.0 12.6 37.6#





#91

1,2-Dichlorobenzene

Concen: 0.523 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

Instrument :

MSVOA_N

ClientSampleId :

2002

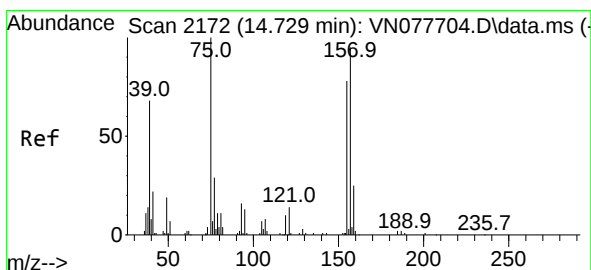
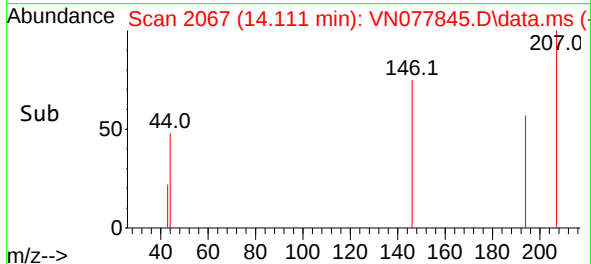
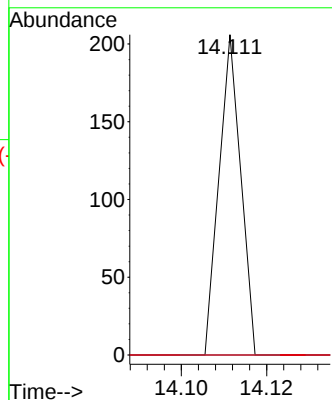
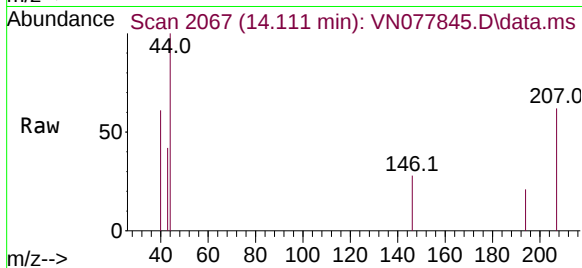
Tgt Ion:146 Resp: 73

Ion Ratio Lower Upper

146 100

111 0.0 22.0 66.0#

148 0.0 31.8 95.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.656 ug/l

RT: 14.853 min Scan# 2193

Delta R.T. 0.130 min

Lab File: VN077845.D

Acq: 24 May 2023 07:01

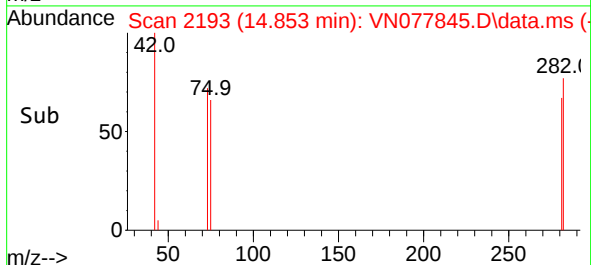
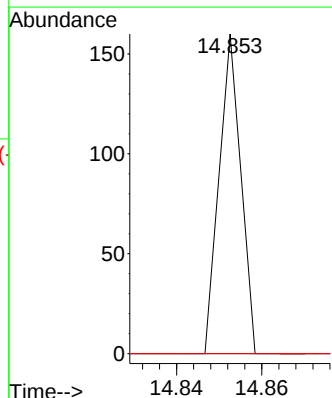
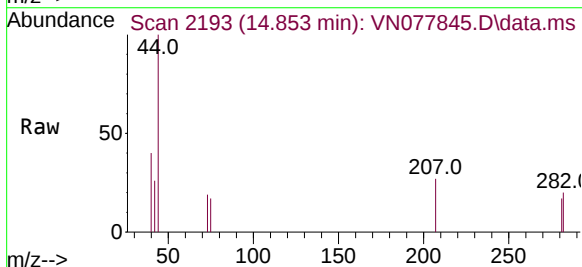
Tgt Ion: 75 Resp: 56

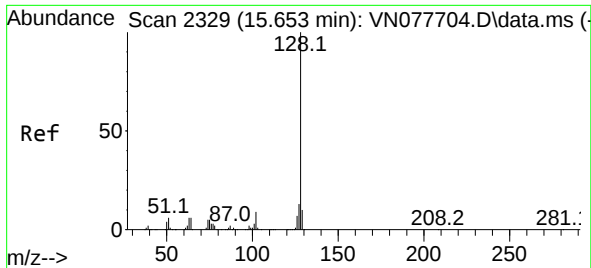
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#





#95
Naphthalene
Concen: 2.337 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN077845.D
Acq: 24 May 2023 07:01

Instrument :
MSVOA_N
ClientSampleId :
2002

Tgt Ion:128 Resp: 656
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

