

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044992.D
 Acq On : 18 Feb 2025 16:54
 Operator : JC/MD
 Sample : Q1376-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 06:15:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	91141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	166286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72164	54.090	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.180%	
35) Dibromofluoromethane	5.379	113	61135	52.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.680%	
50) Toluene-d8	8.647	98	222767	50.436	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	11.079	95	82970	55.722	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.440%	

Target Compounds						Qvalue
3) Chloromethane	1.264	50	3848	2.473	ug/l #	73
6) Chloroethane	1.611	64	30954	53.702	ug/l #	52
11) Tert butyl alcohol	2.959	59	21763	87.929	ug/l #	73
13) Acrolein	2.209	56	13672	53.539	ug/l #	1
14) Allyl chloride	2.776	41	42492	20.015	ug/l #	76
15) Acrylonitrile	3.093	53	4965	7.513	ug/l #	38
16) Acetone	2.373	43	5389	10.048	ug/l	92
17) Carbon Disulfide	2.508	76	2040	0.633	ug/l	97
18) Methyl Acetate	2.776	43	89805	53.061	ug/l #	52
19) Methyl tert-butyl Ether	3.111	73	8528	2.282	ug/l #	1
20) Methylene Chloride	2.788	84	406	0.309	ug/l #	1
23) Vinyl Acetate	3.721	43	1957	0.598	ug/l #	72
24) 1,1-Dichloroethane	3.715	63	588	0.262	ug/l #	83
25) 2-Butanone	4.568	43	3338	3.833	ug/l	94
26) 2,2-Dichloropropane	4.288	77	3392	1.903	ug/l #	52
29) Tetrahydrofuran	5.099	42	402	0.695	ug/l #	1
30) Chloroform	5.166	83	4999	2.294	ug/l #	34
31) Cyclohexane	5.464	56	343918	165.993	ug/l	98
36) 1,1-Dichloropropene	5.550	75	7891	4.683	ug/l #	49
37) Ethyl Acetate	4.568	43	3338	1.781	ug/l #	69
38) Carbon Tetrachloride	5.550	117	9684	5.864	ug/l #	15
39) Methylcyclohexane	7.373	83	103342	47.434	ug/l	91
40) Benzene	6.031	78	1563555	297.136	ug/l	100
41) Methacrylonitrile	5.178	41	15265	15.215	ug/l #	1
42) 1,2-Dichloroethane	6.031	62	14040	8.372	ug/l #	74
43) Isopropyl Acetate	6.348	43	5071	1.675	ug/l #	61
45) 1,2-Dichloropropane	7.366	63	1160	0.886	ug/l #	1
46) Dibromomethane	7.555	93	207	0.228	ug/l #	1
47) Bromodichloromethane	7.769	83	1880	1.069	ug/l #	77
48) Methyl methacrylate	7.653	41	8354	5.853	ug/l #	51
51) 4-Methyl-2-Pentanone	8.574	43	21021	11.423	ug/l #	82
52) Toluene	8.714	92	111679	35.636	ug/l	100
53) t-1,3-Dichloropropene	9.049	75	2317	1.302	ug/l #	44
55) 1,1,2-Trichloroethane	9.098	97	42451	35.238	ug/l #	18
56) Ethyl methacrylate	9.098	69	10205	5.245	ug/l #	1
57) 1,3-Dichloropropane	9.439	76	442	0.210	ug/l #	47

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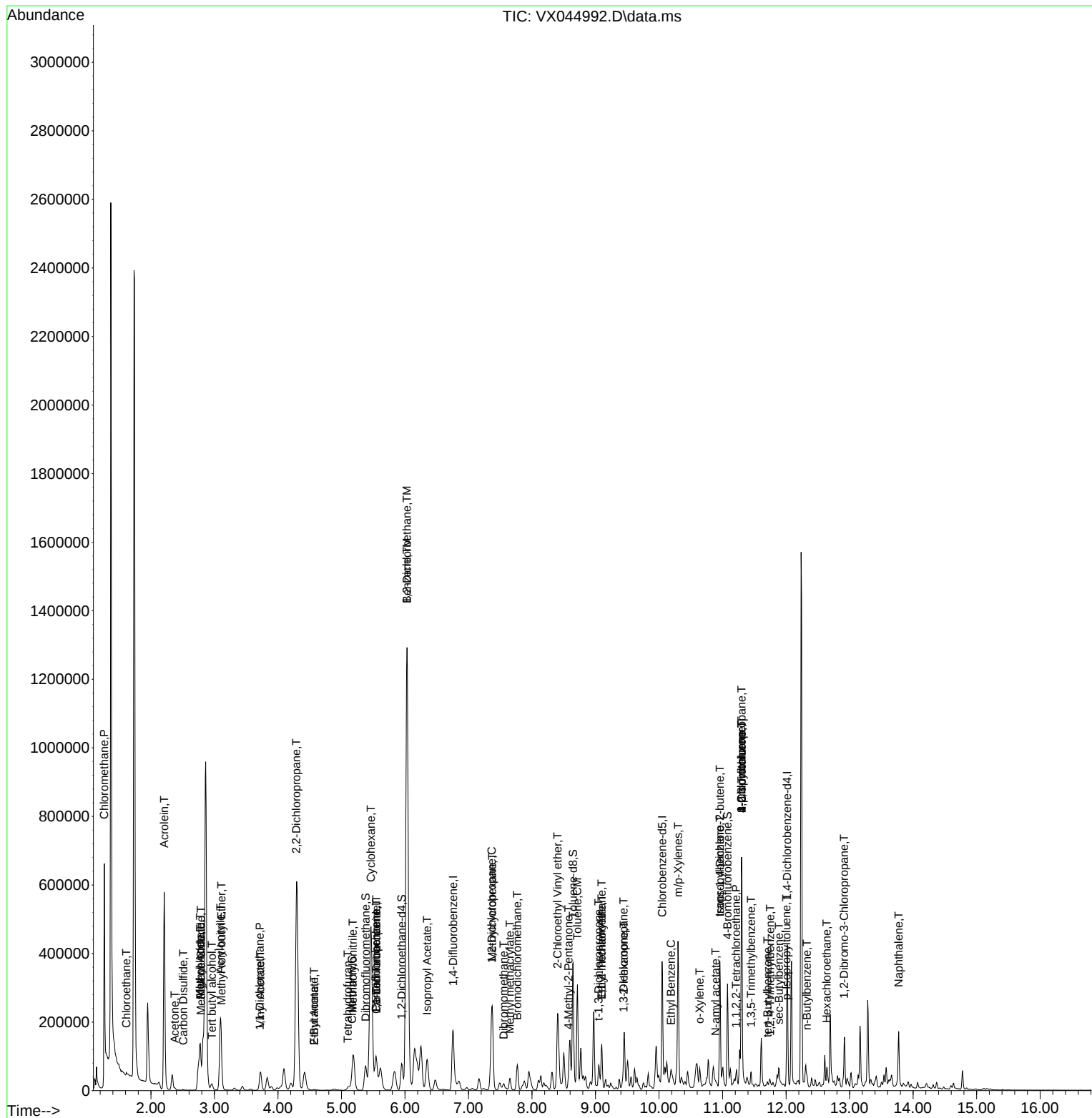
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	8.403	63	4228	4.426	ug/l	96
59) 2-Hexanone	9.445	43	12752	9.618	ug/l	81
67) Ethyl Benzene	10.189	91	24291	3.854	ug/l	100
68) m/p-Xylenes	10.299	106	86845	37.353	ug/l	97
69) o-Xylene	10.640	106	8399	3.600	ug/l	97
73) Isopropylbenzene	10.957	105	184014	29.986	ug/l	100
74) N-amyl acetate	10.890	43	11327	4.079	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.213	83	1678	0.796	ug/l #	68
76) 1,2,3-Trichloropropane	11.299	75	3041	1.800	ug/l #	1
78) n-propylbenzene	11.299	91	404384	57.090	ug/l	99
79) 2-Chlorotoluene	11.299	91	404384	92.891	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	17175	3.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.957	75	2330	3.547	ug/l #	67
82) 4-Chlorotoluene	11.299	91	404384	83.963	ug/l #	46
83) tert-Butylbenzene	11.707	119	2260	0.449	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	2703	0.550	ug/l	82
85) sec-Butylbenzene	11.890	105	14375	2.304	ug/l	92
86) p-Isopropyltoluene	12.006	119	5753	1.147	ug/l #	76
89) n-Butylbenzene	12.329	91	11603	2.614	ug/l #	74
90) Hexachloroethane	12.640	117	15733	16.749	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	12.914	75	637	1.655	ug/l #	3
95) Naphthalene	13.774	128	96178	17.486	ug/l	98

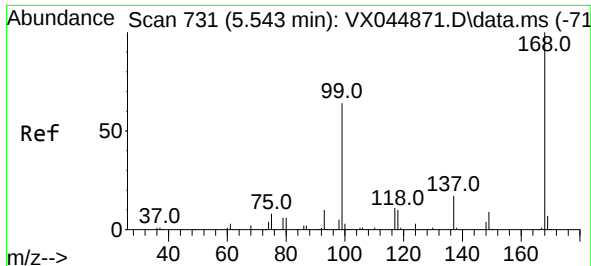
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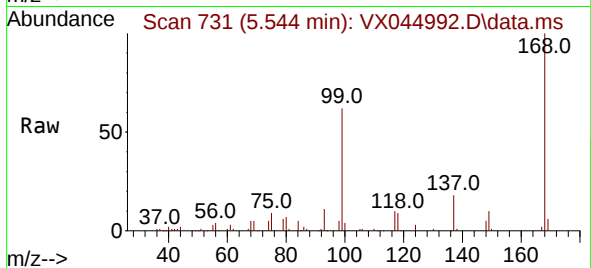
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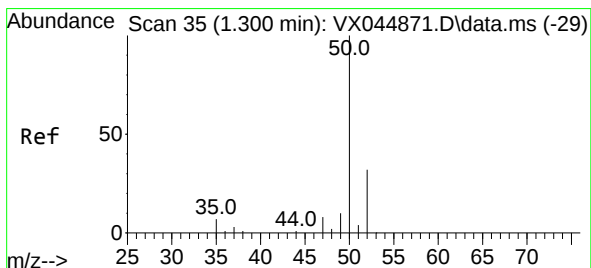
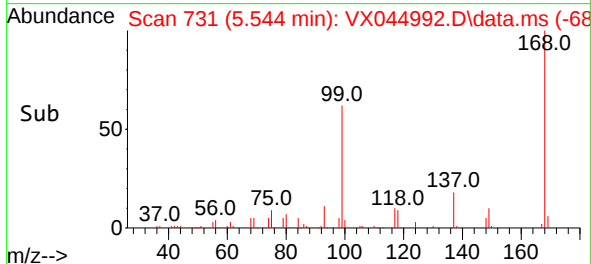
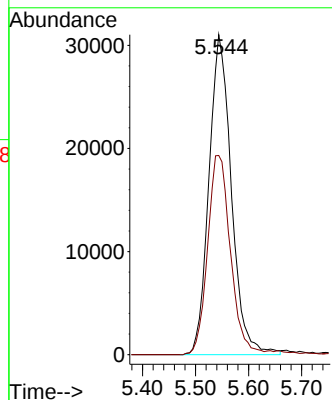


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044992.D
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MSVOA_X
ClientSampleId :

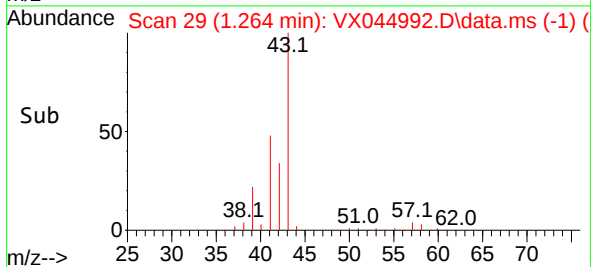
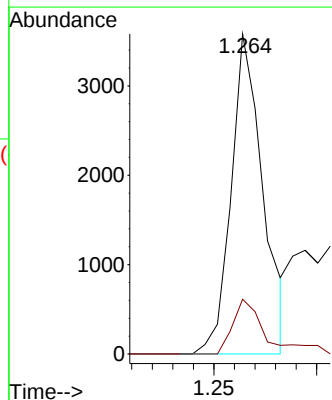
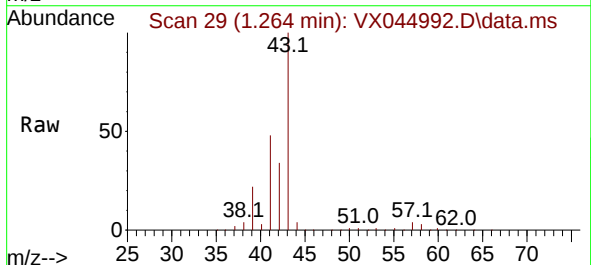


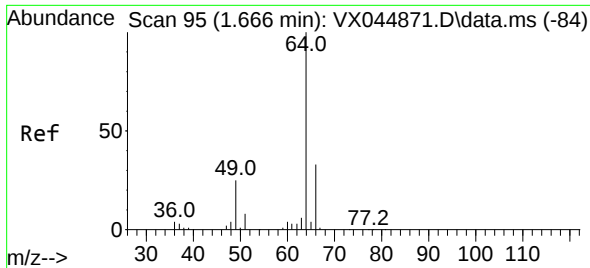
Tgt Ion:168 Resp: 91141
Ion Ratio Lower Upper
168 100
99 62.2 51.2 76.8



#3
Chloromethane
Concen: 2.473 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.036 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 50 Resp: 3848
Ion Ratio Lower Upper
50 100
52 17.1 25.9 38.9#

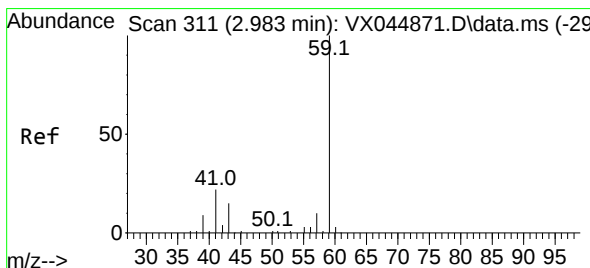
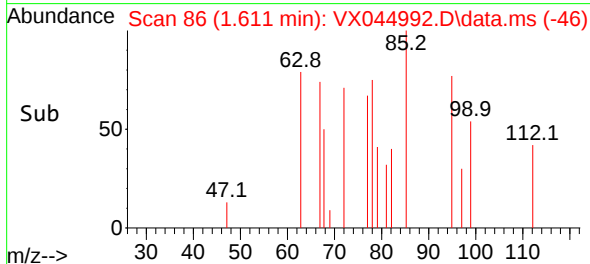
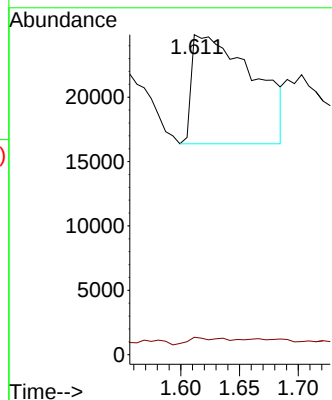
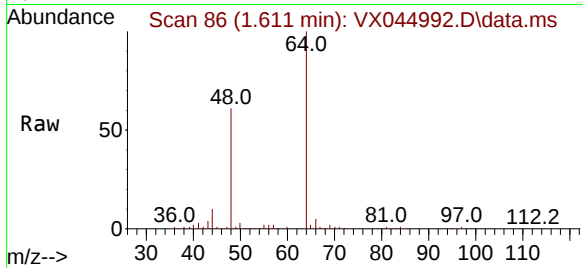




#6
Chloroethane
Concen: 53.702 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.055 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

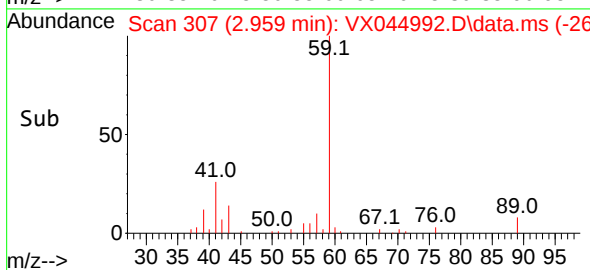
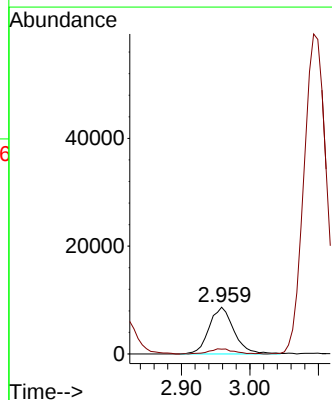
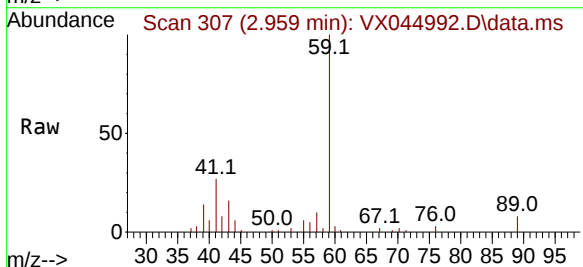
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MSVOA_X
ClientSampleId :

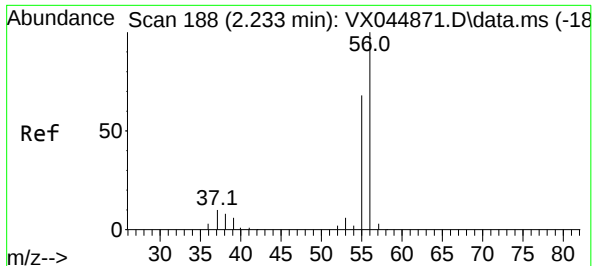
Tgt Ion: 64 Resp: 30954
Ion Ratio Lower Upper
64 100
66 5.7 25.9 38.9#



#11
Tert butyl alcohol
Concen: 87.929 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 59 Resp: 21763
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 53.539 ug/l

RT: 2.209 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

Instrument :

MSVOA_X

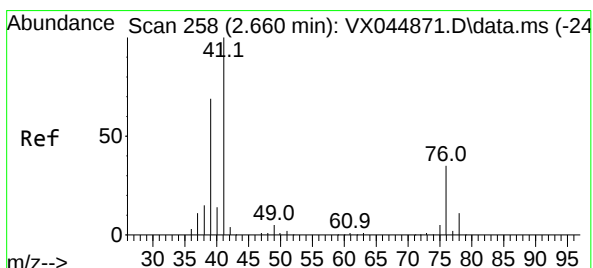
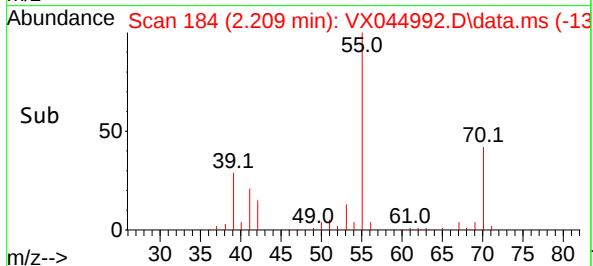
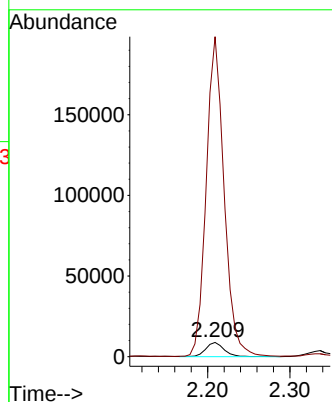
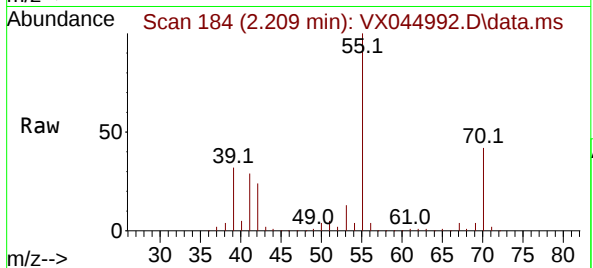
ClientSampleId :

Tgt Ion: 56 Resp: 13672

Ion Ratio Lower Upper

56 100

55 2185.1 55.7 83.5#



#14

Allyl chloride

Concen: 20.015 ug/l

RT: 2.776 min Scan# 277

Delta R.T. 0.116 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

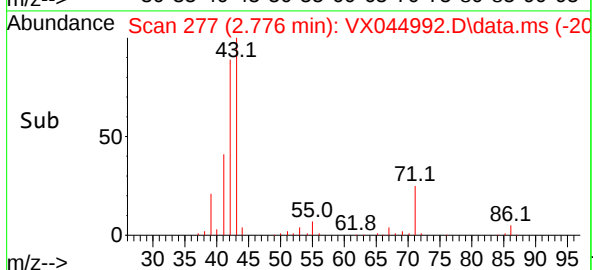
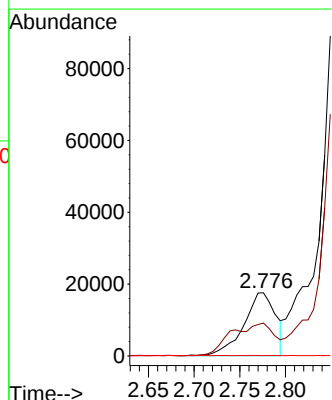
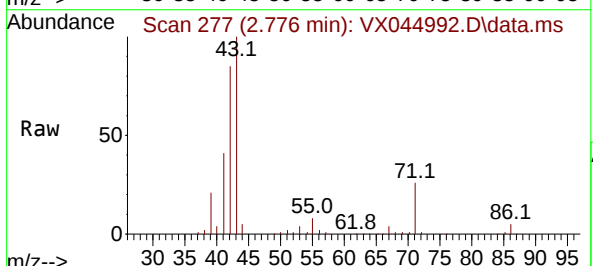
Tgt Ion: 41 Resp: 42492

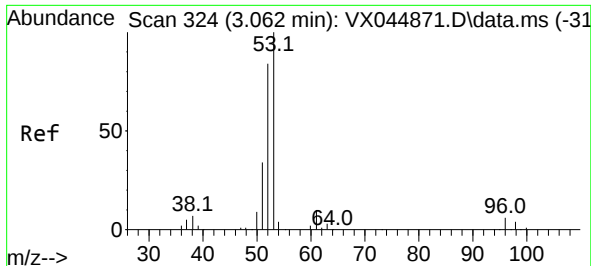
Ion Ratio Lower Upper

41 100

39 69.6 51.4 77.2

76 0.4 27.0 40.4#

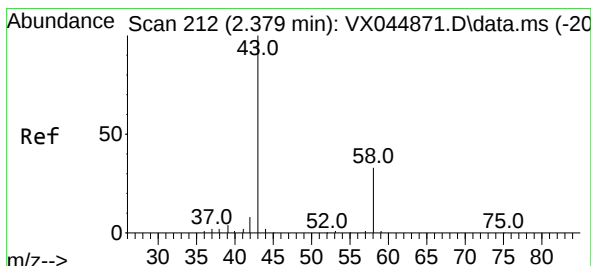
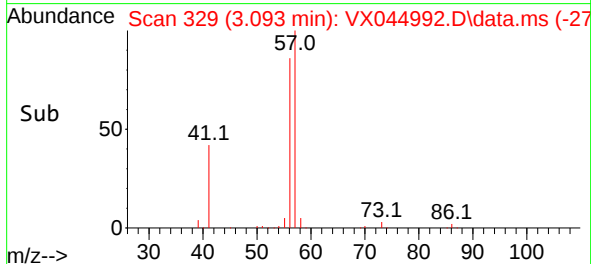
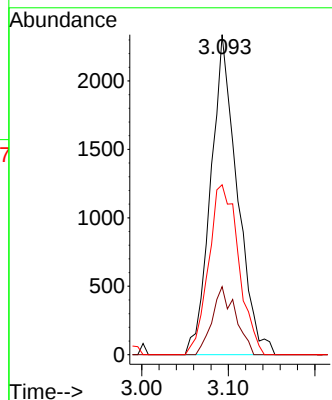
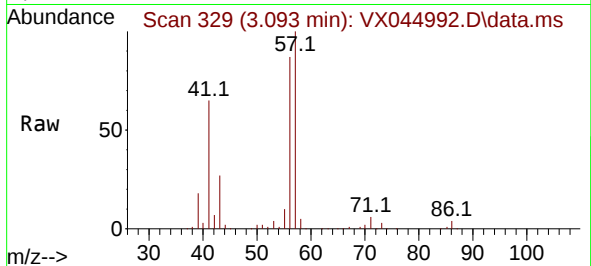




#15
Acrylonitrile
Concen: 7.513 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.031 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

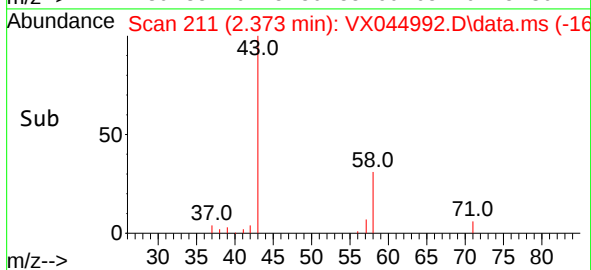
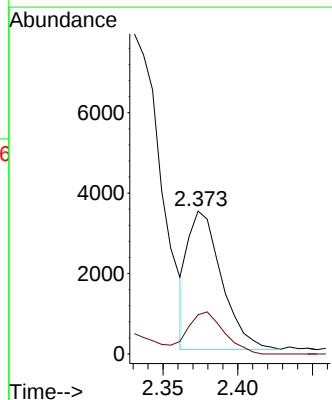
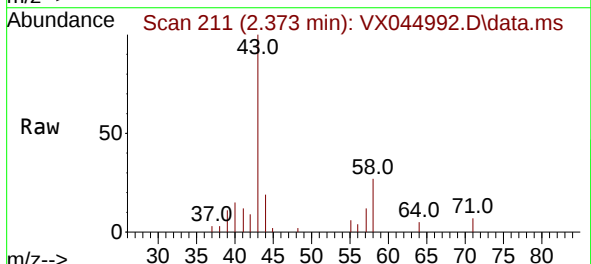
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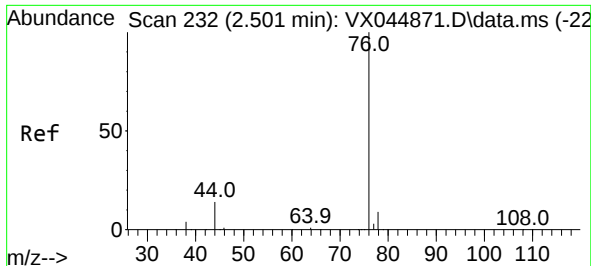
Tgt Ion: 53 Resp: 4965
Ion Ratio Lower Upper
53 100
52 18.8 65.0 97.6#
51 60.2 28.0 42.0#



#16
Acetone
Concen: 10.048 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 43 Resp: 5389
Ion Ratio Lower Upper
43 100
58 28.4 26.5 39.7

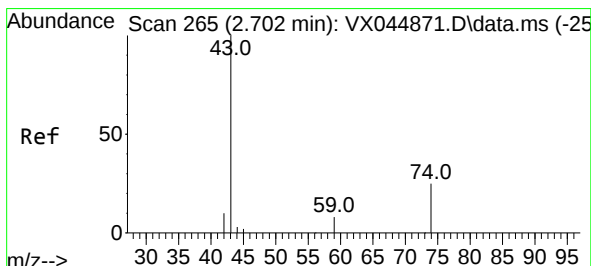
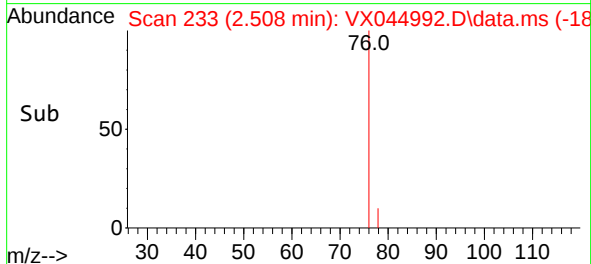
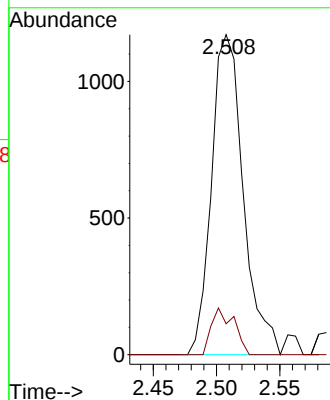
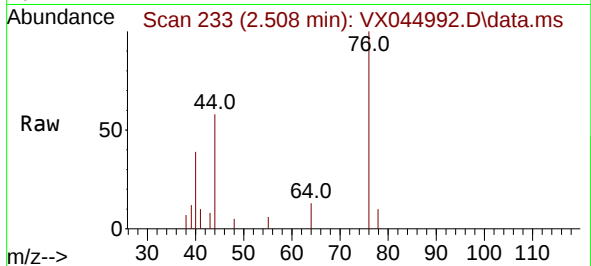




#17
Carbon Disulfide
Concen: 0.633 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

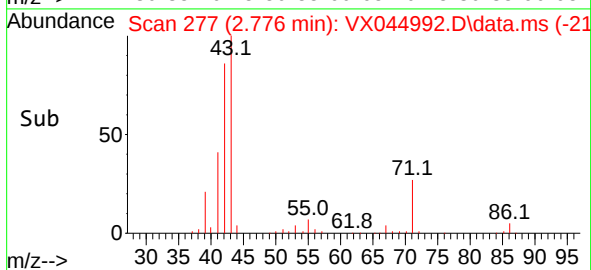
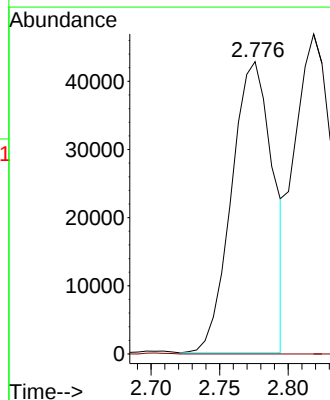
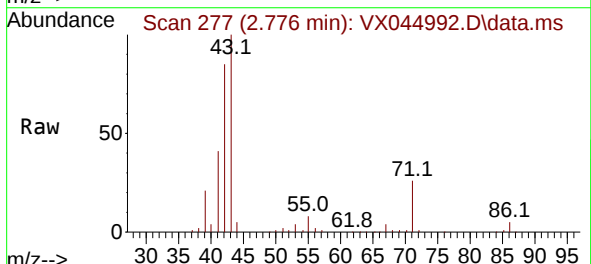
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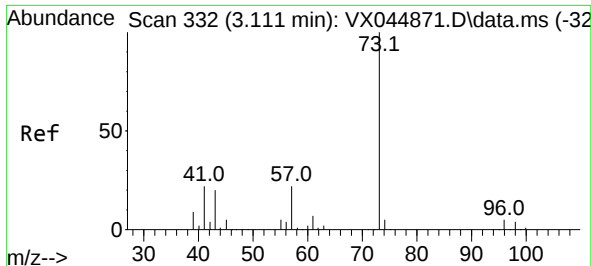
Tgt Ion: 76 Resp: 2040
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 53.061 ug/l
RT: 2.776 min Scan# 277
Delta R.T. 0.073 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 43 Resp: 89805
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#

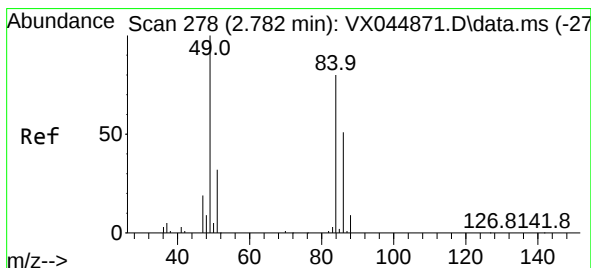
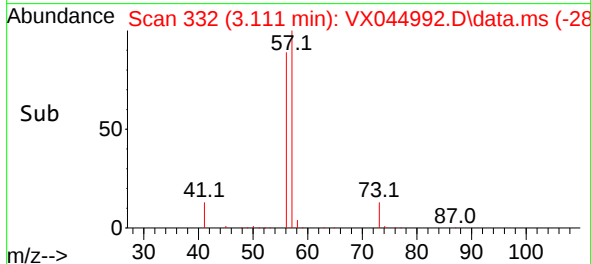
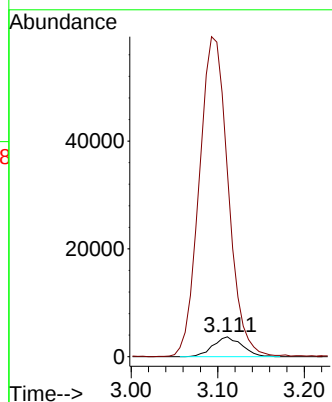
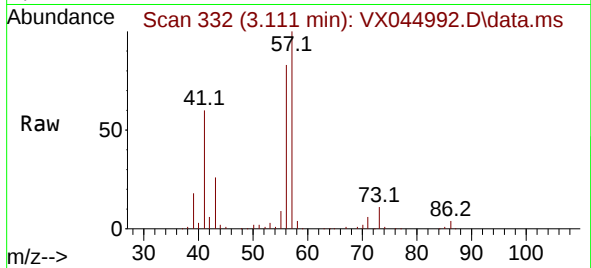




#19
Methyl tert-butyl Ether
Concen: 2.282 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

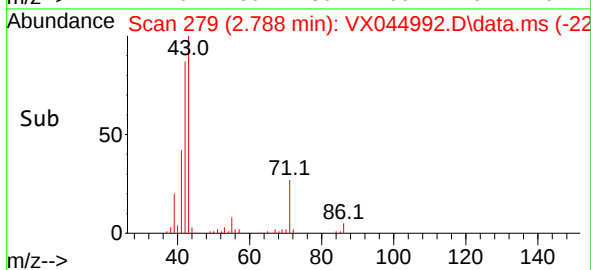
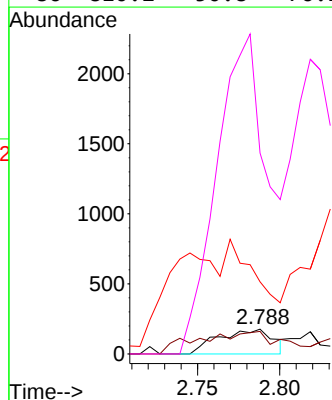
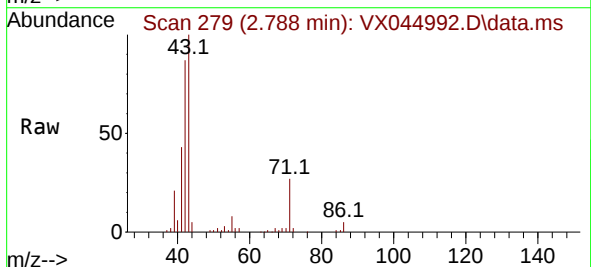
Instrument :
MSVOA_X
ClientSampleId :

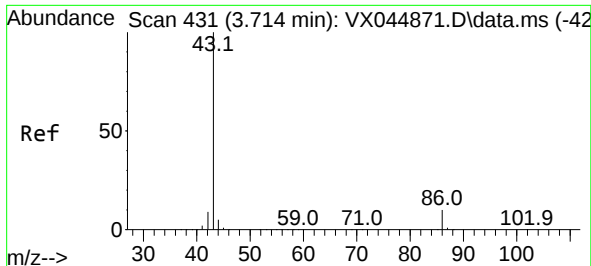
Tgt Ion: 73 Resp: 8528
Ion Ratio Lower Upper
73 100
57 923.0 17.9 26.9#



#20
Methylene Chloride
Concen: 0.309 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 84 Resp: 406
Ion Ratio Lower Upper
84 100
49 32.2 100.1 150.1#
51 84.7 31.7 47.5#
86 810.2 50.8 76.2#

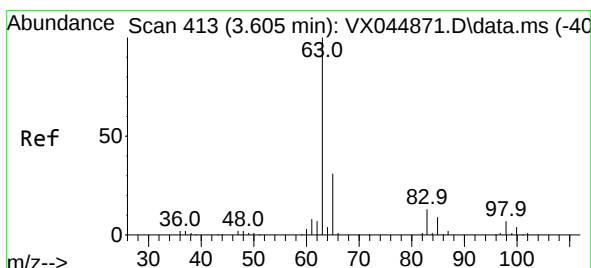
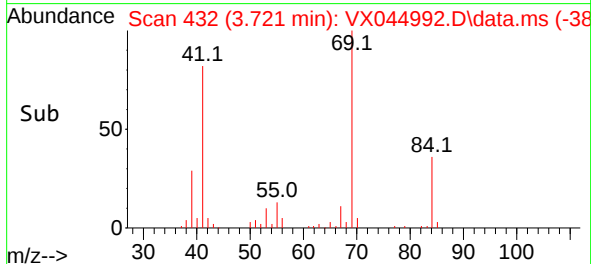
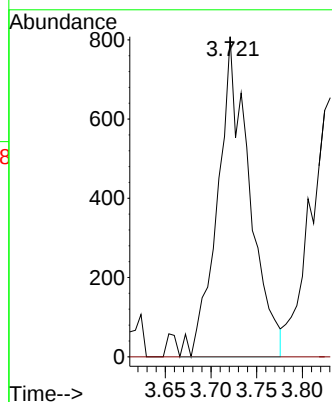
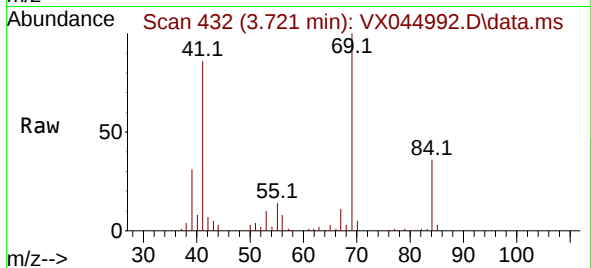




#23
 Vinyl Acetate
 Concen: 0.598 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX044992.D
 Acq: 18 Feb 2025 16:54

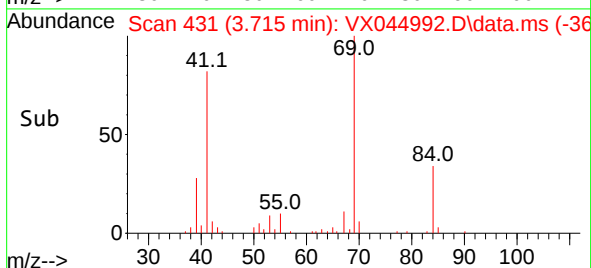
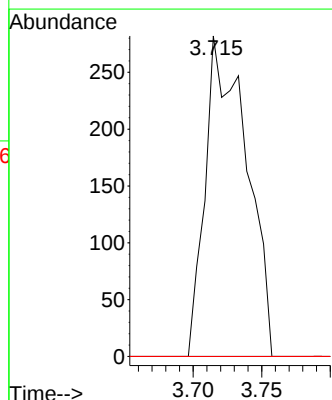
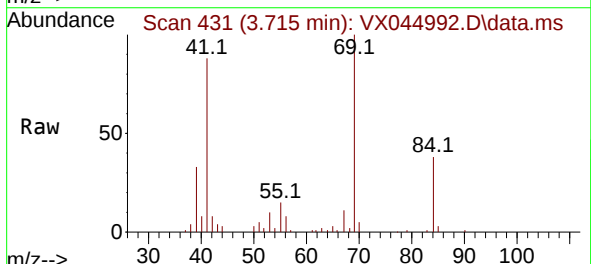
Instrument :
 MSVOA_X
 ClientSampleId :

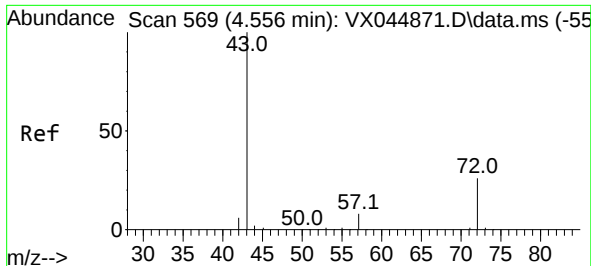
Tgt Ion: 43 Resp: 1957
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.3 12.5#



#24
 1,1-Dichloroethane
 Concen: 0.262 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. 0.110 min
 Lab File: VX044992.D
 Acq: 18 Feb 2025 16:54

Tgt Ion: 63 Resp: 588
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#

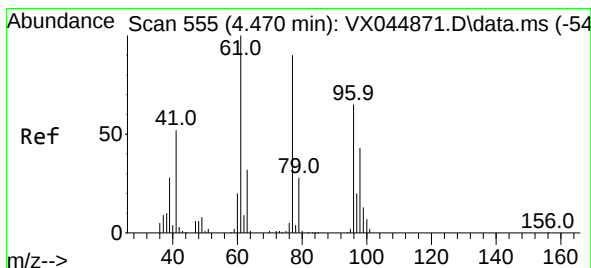
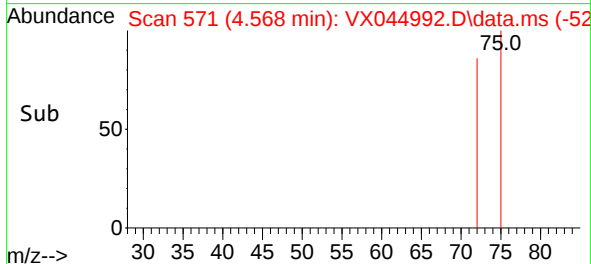
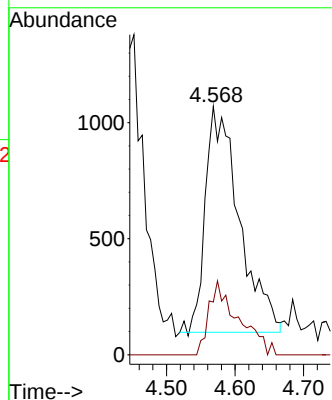
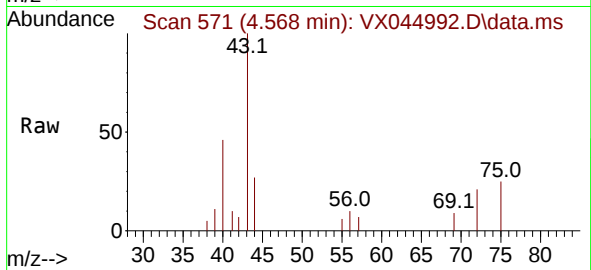




#25
2-Butanone
Concen: 3.833 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

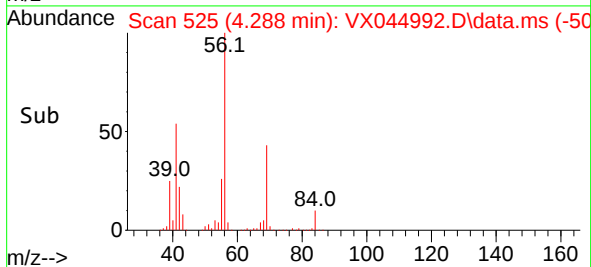
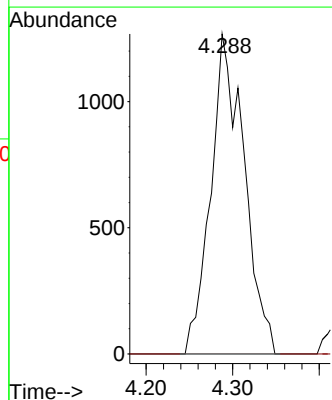
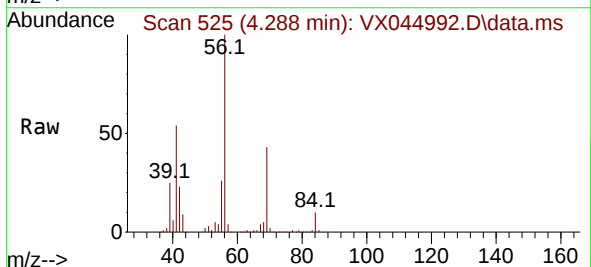
Instrument :
MSVOA_X
ClientSampleId :

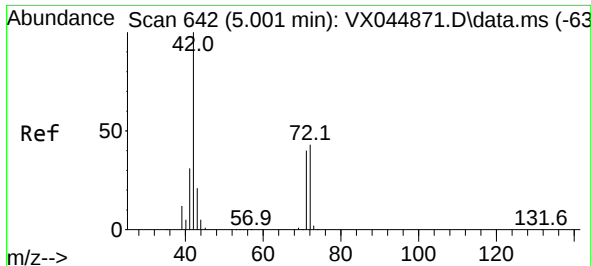
Tgt Ion: 43 Resp: 3338
Ion Ratio Lower Upper
43 100
72 23.3 21.2 31.8



#26
2,2-Dichloropropane
Concen: 1.903 ug/l
RT: 4.288 min Scan# 525
Delta R.T. -0.183 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 77 Resp: 3392
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3#





#29

Tetrahydrofuran

Concen: 0.695 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.098 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

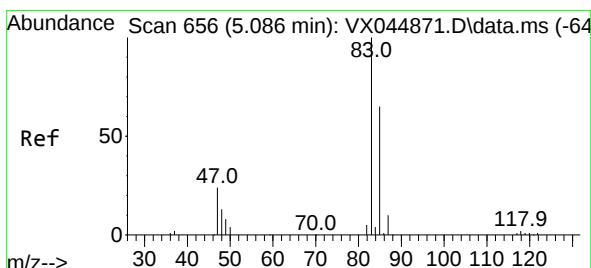
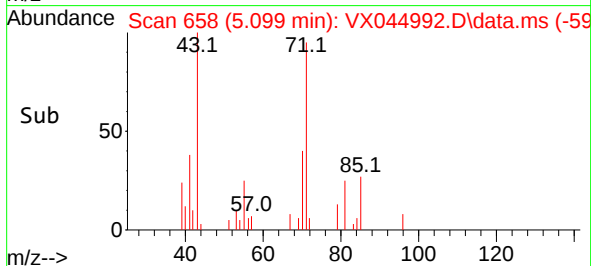
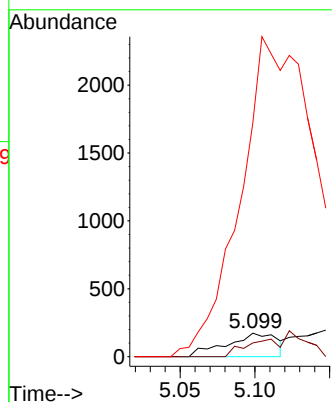
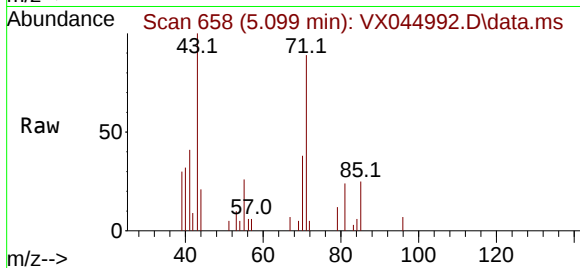
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 42 Resp: 402

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.4#
71	2130.6	32.6	48.8#



#30

Chloroform

Concen: 2.294 ug/l

RT: 5.166 min Scan# 669

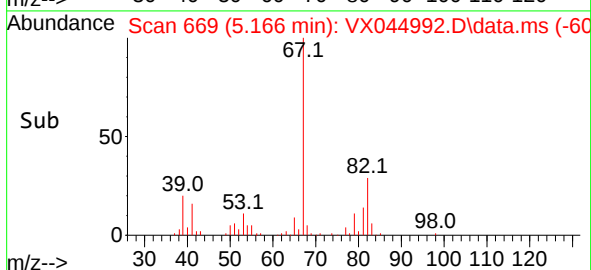
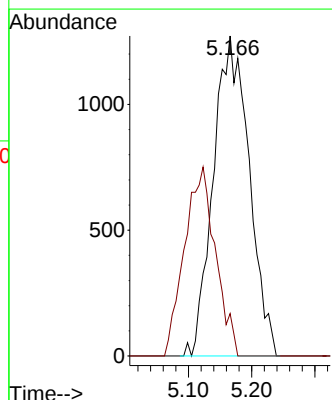
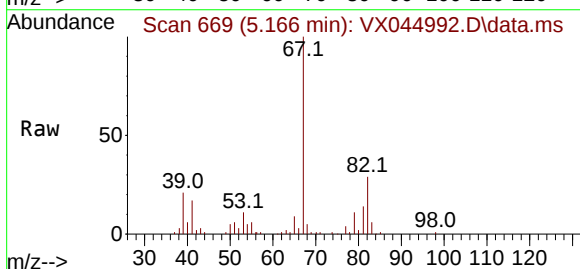
Delta R.T. 0.080 min

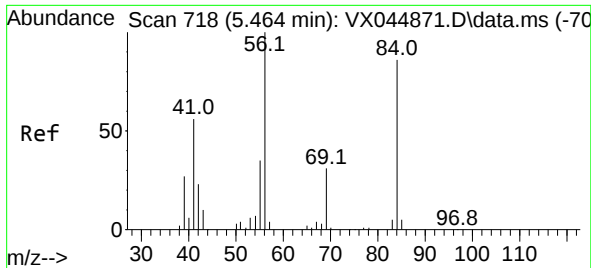
Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

Tgt Ion: 83 Resp: 4999

Ion	Ratio	Lower	Upper
83	100		
85	13.3	52.1	78.1#

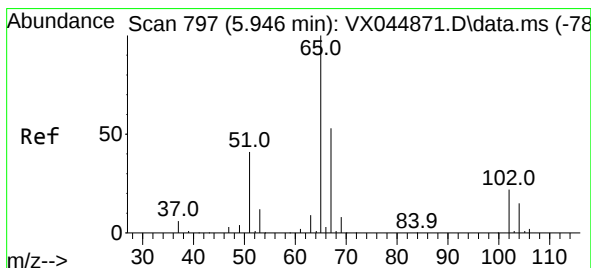
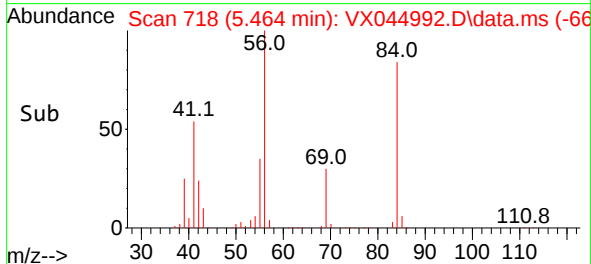
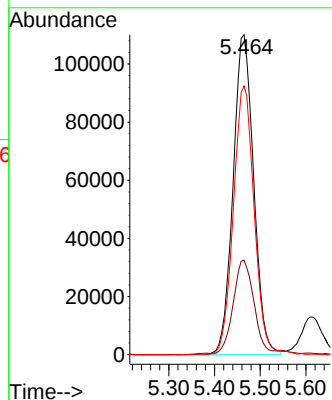
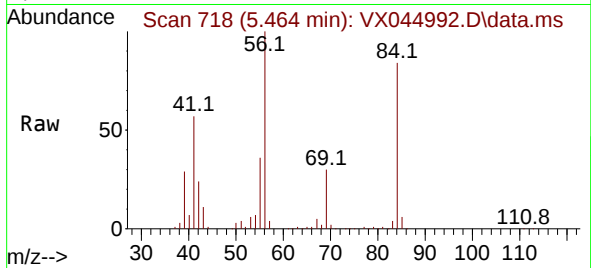




#31
Cyclohexane
Concen: 165.993 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

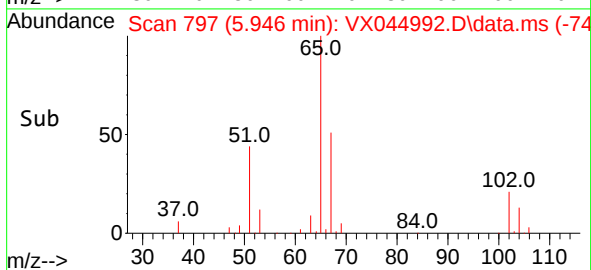
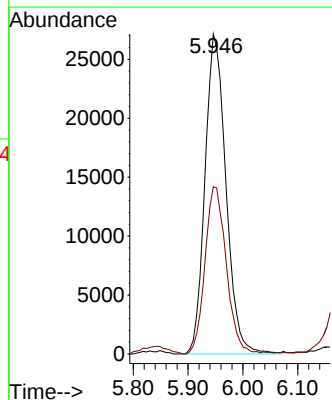
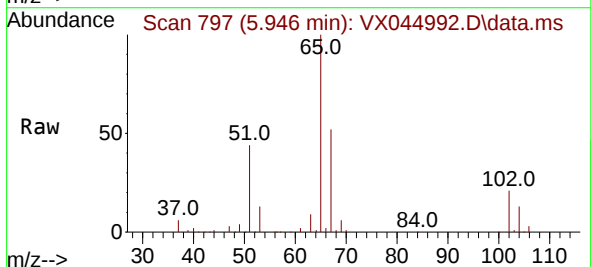
Instrument :
MSVOA_X
ClientSampleId :

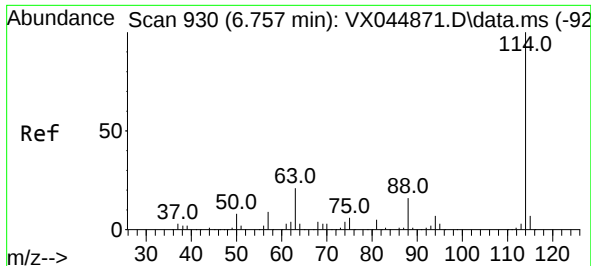
Tgt Ion: 56 Resp: 343918
Ion Ratio Lower Upper
56 100
69 29.6 24.4 36.6
84 84.0 69.0 103.6



#33
1,2-Dichloroethane-d4
Concen: 54.090 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 65 Resp: 72164
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.2

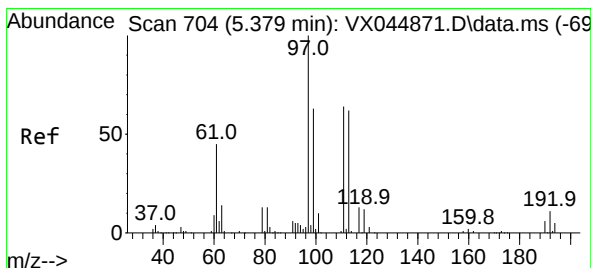
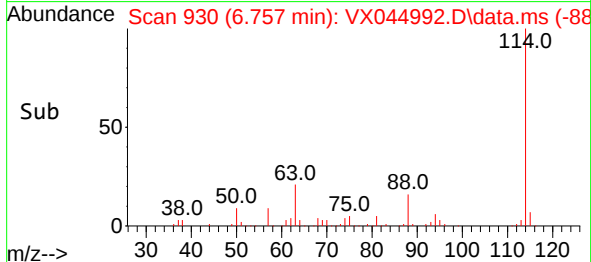
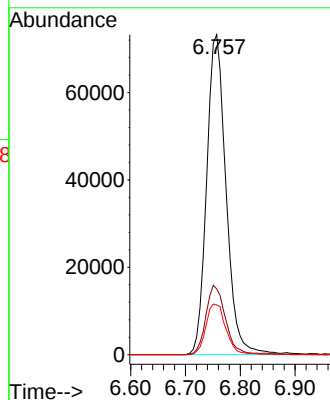
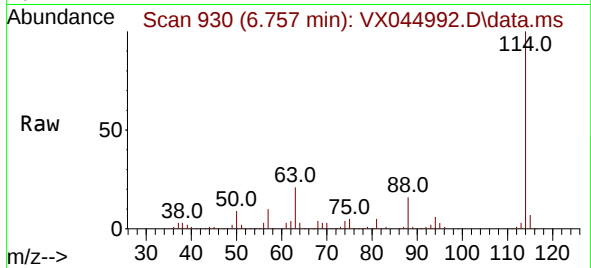




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

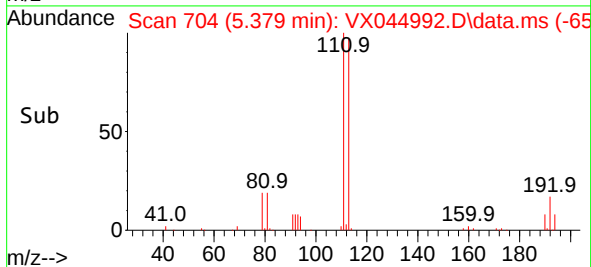
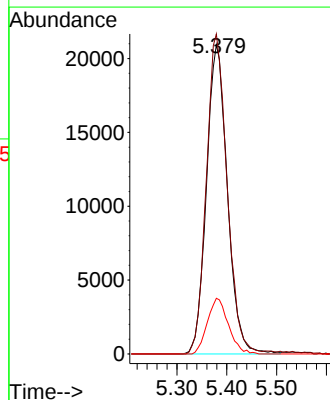
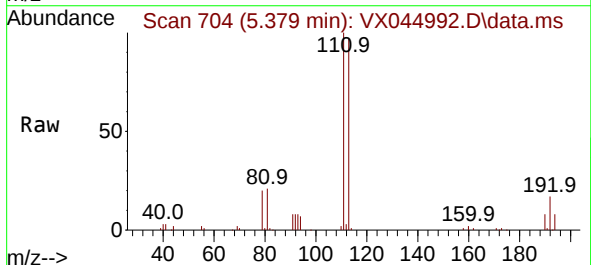
Instrument :
MSVOA_X
ClientSampleId :

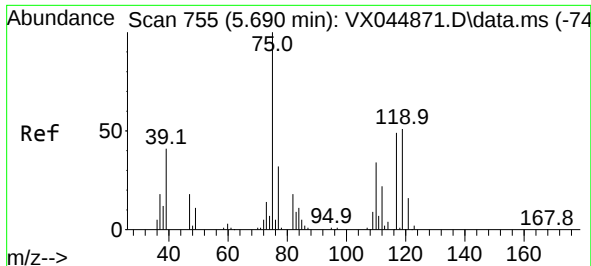
Tgt Ion:114 Resp: 179653
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.340 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

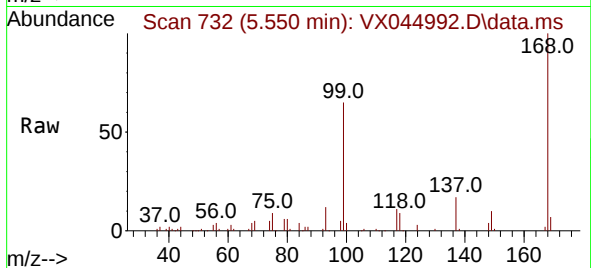
Tgt Ion:113 Resp: 61135
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 18.0 14.4 21.6



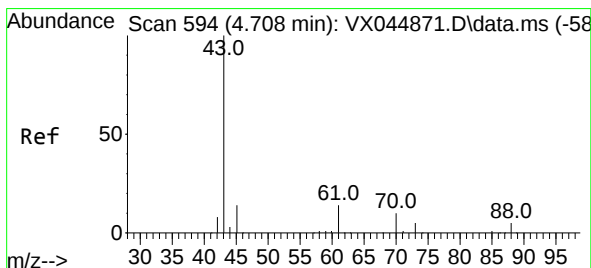
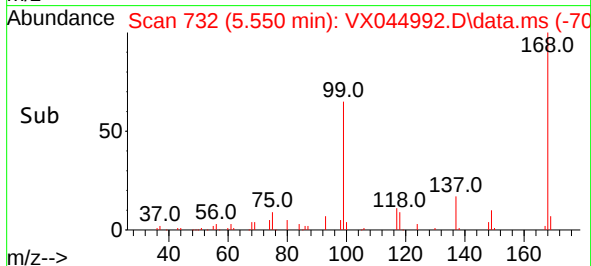
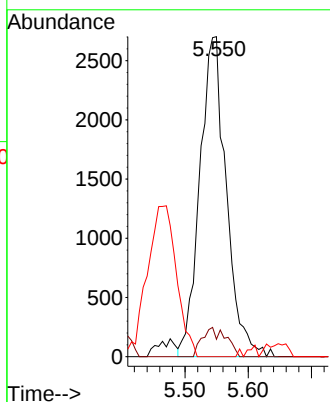


#36
1,1-Dichloropropene
Concen: 4.683 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :

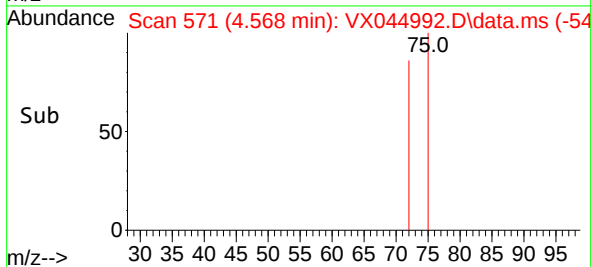
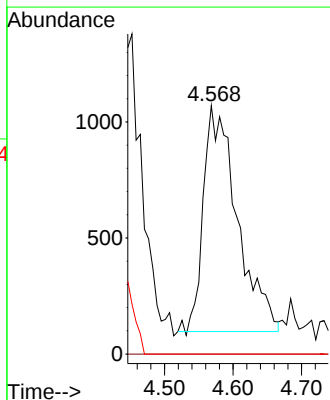
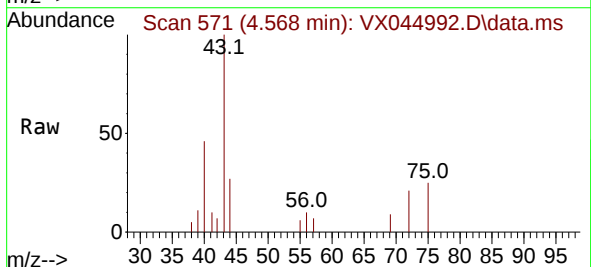


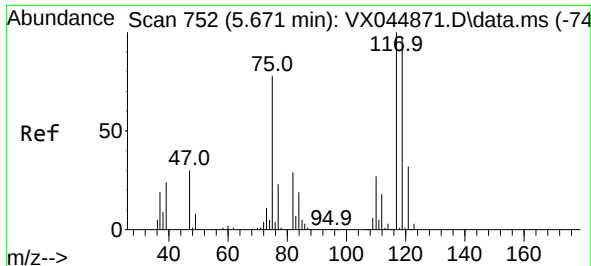
Tgt Ion: 75 Resp: 7891
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.781 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

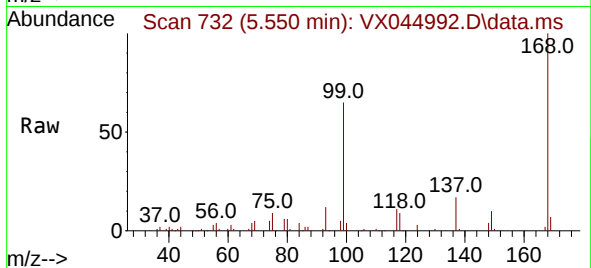
Tgt Ion: 43 Resp: 3338
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 8.2 12.2#



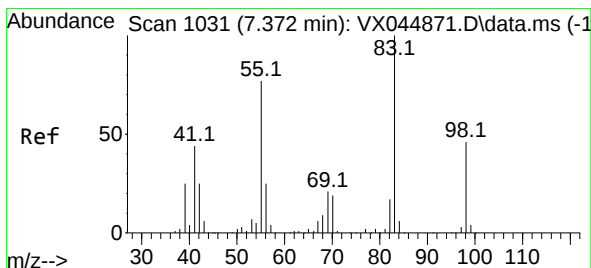
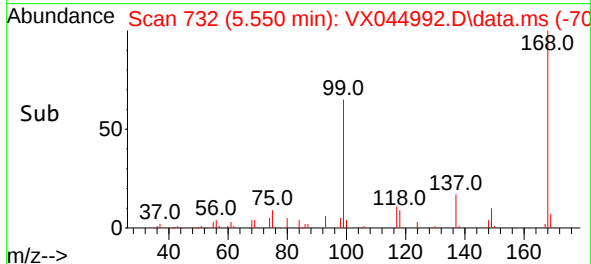
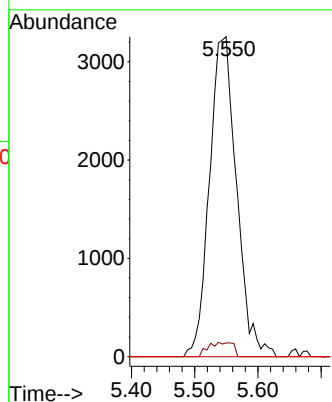


#38
Carbon Tetrachloride
Concen: 5.864 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :

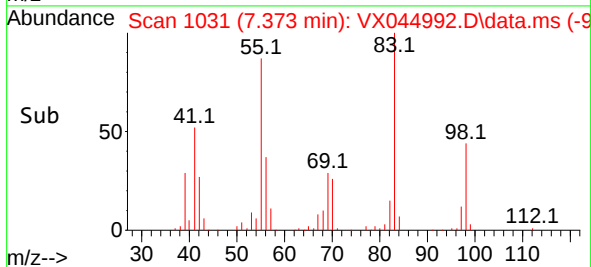
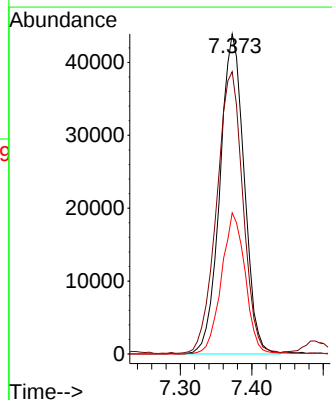
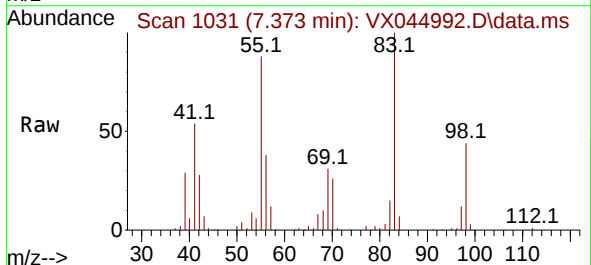


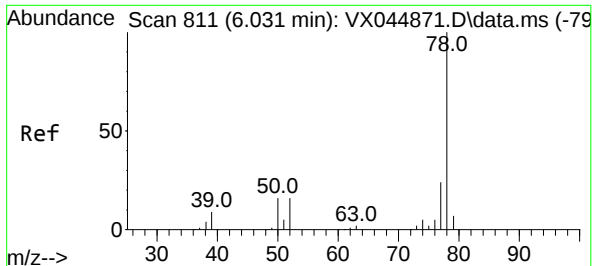
Tgt Ion:117 Resp: 9684
Ion Ratio Lower Upper
117 100
119 4.3 77.5 116.3#
121 0.0 25.6 38.4#



#39
Methylcyclohexane
Concen: 47.434 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 83 Resp: 103342
Ion Ratio Lower Upper
83 100
55 87.9 61.3 91.9
98 44.1 37.0 55.6

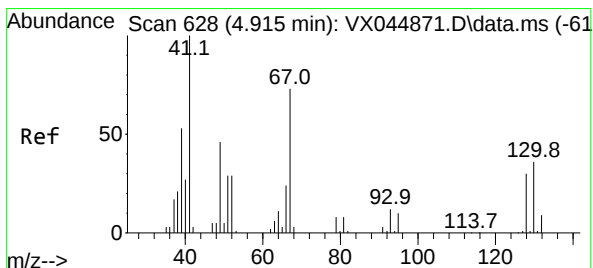
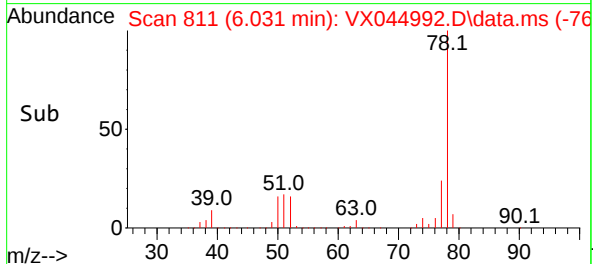
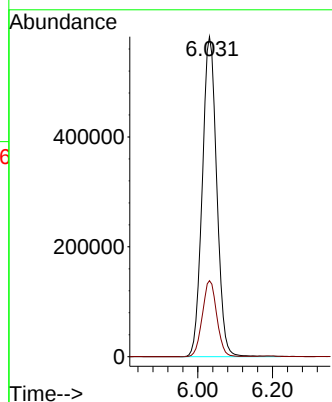
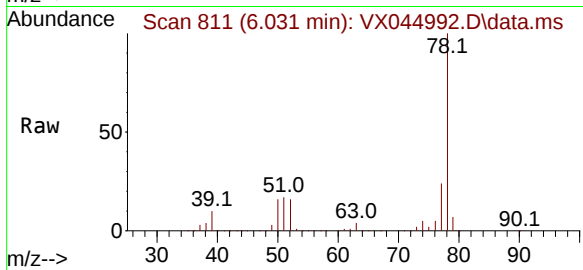




#40
Benzene
Concen: 297.136 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

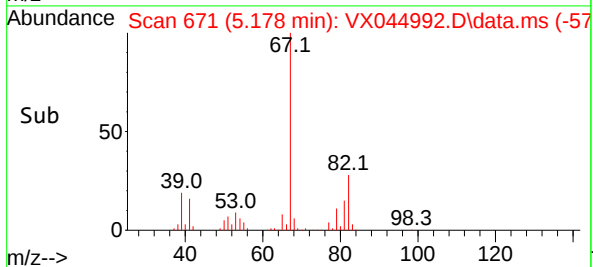
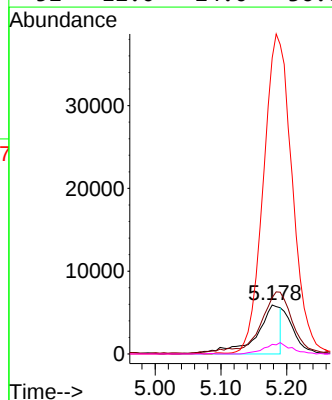
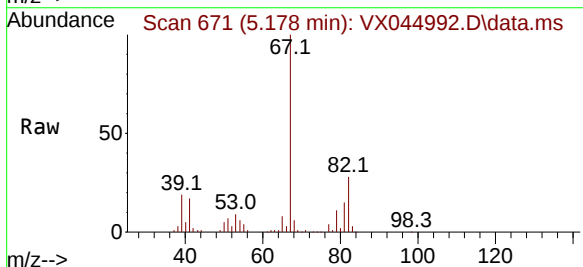
Instrument :
MSVOA_X
ClientSampleId :

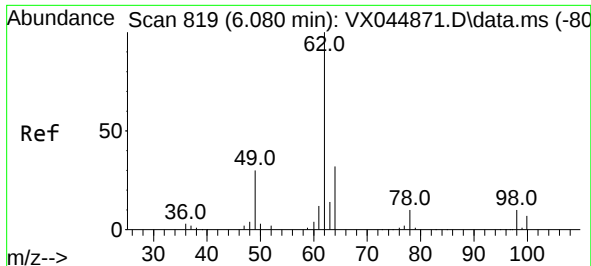
Tgt Ion: 78 Resp: 1563555
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



#41
Methacrylonitrile
Concen: 15.215 ug/l
RT: 5.178 min Scan# 671
Delta R.T. 0.262 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 41 Resp: 15265
Ion Ratio Lower Upper
41 100
39 108.4 43.1 64.7#
67 474.0 57.0 85.6#
52 12.0 24.0 36.0#

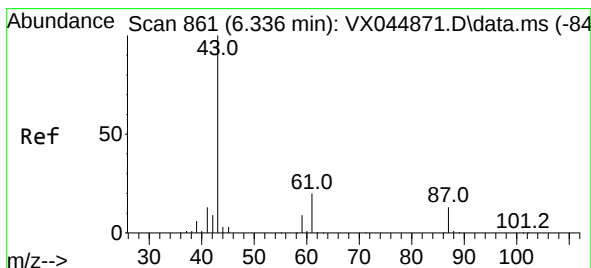
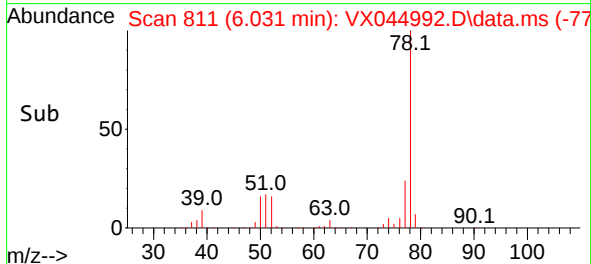
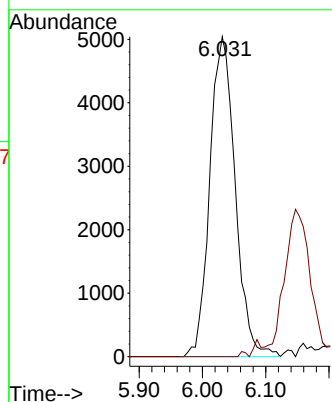
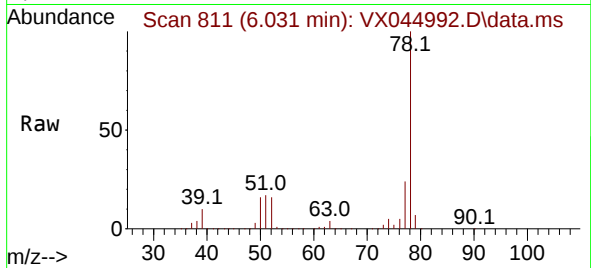




#42
1,2-Dichloroethane
Concen: 8.372 ug/l
RT: 6.031 min Scan# 819
Delta R.T. -0.049 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

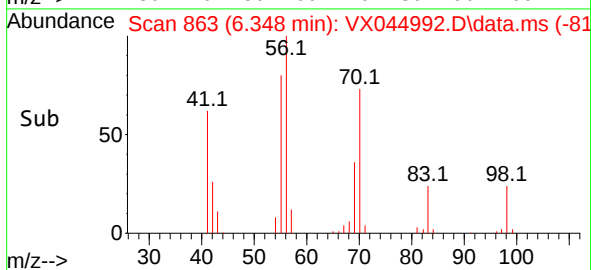
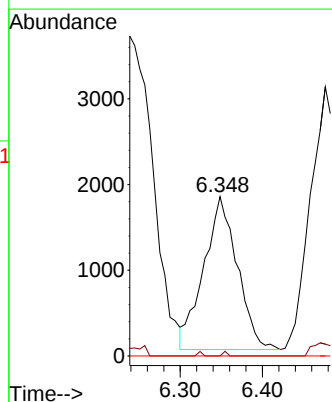
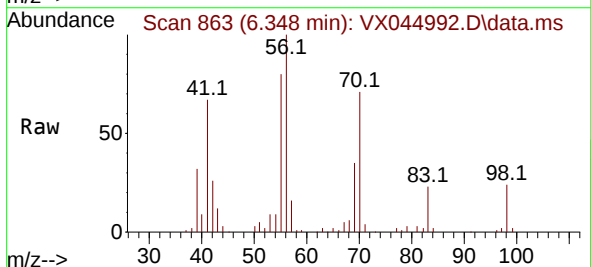
Instrument :
MSVOA_X
ClientSampleId :

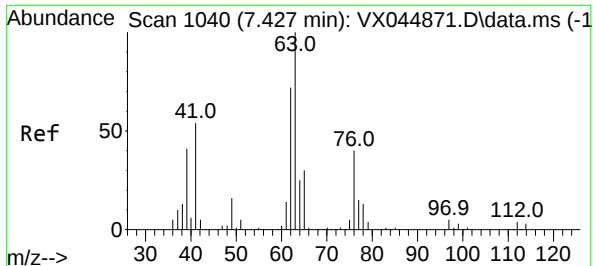
Tgt Ion: 62 Resp: 14040
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 1.675 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 43 Resp: 5071
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 10.0 15.0#





#45

1,2-Dichloropropane

Concen: 0.886 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.061 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

Instrument :

MSVOA_X

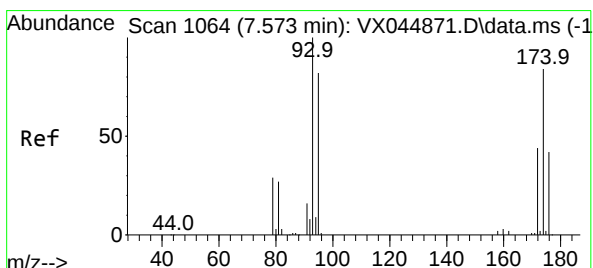
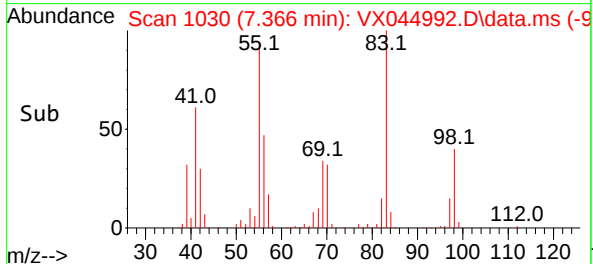
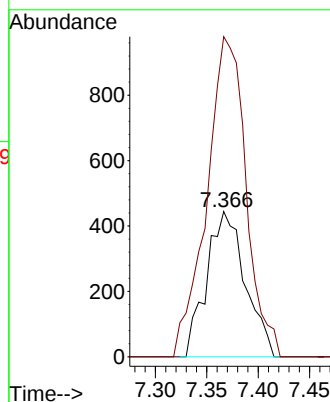
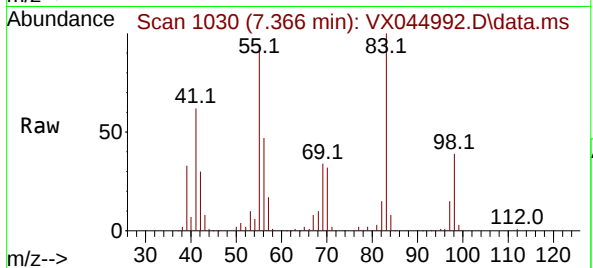
ClientSampleId :

Tgt Ion: 63 Resp: 1160

Ion Ratio Lower Upper

63 100

65 220.5 24.2 36.4#



#46

Dibromomethane

Concen: 0.228 ug/l

RT: 7.555 min Scan# 1061

Delta R.T. -0.018 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

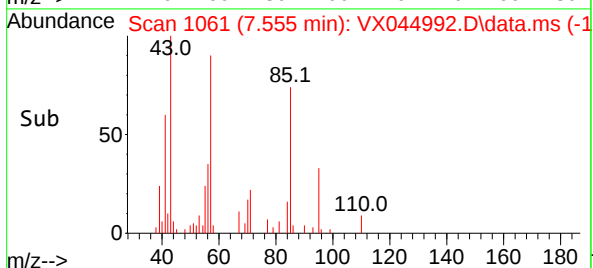
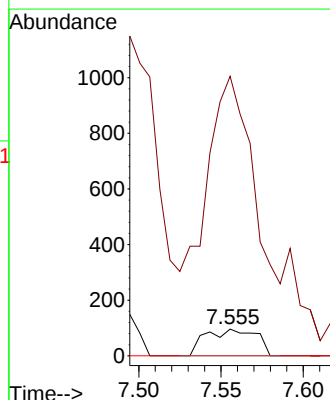
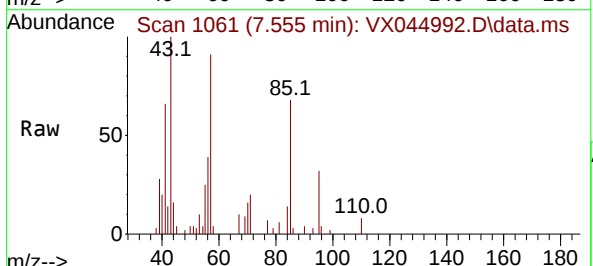
Tgt Ion: 93 Resp: 207

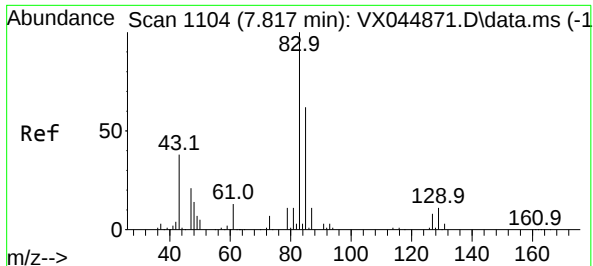
Ion Ratio Lower Upper

93 100

95 1244.9 66.2 99.4#

174 0.0 69.9 104.9#

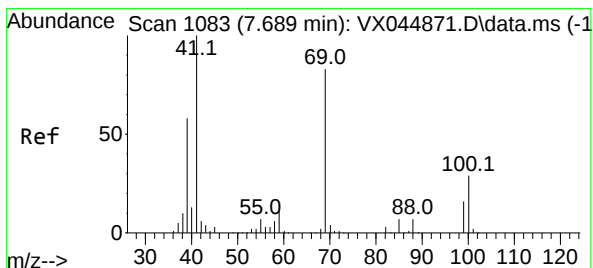
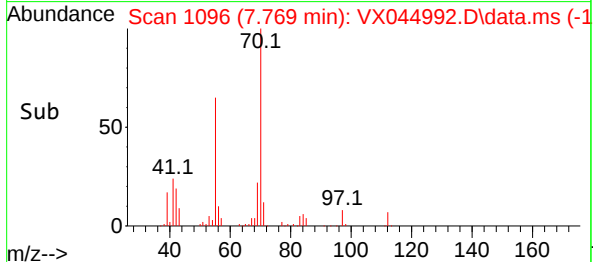
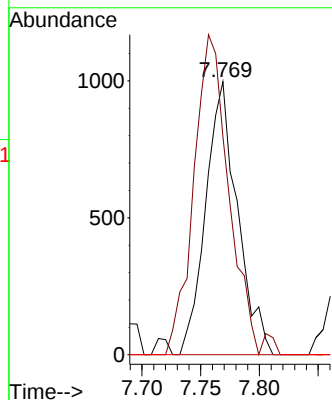
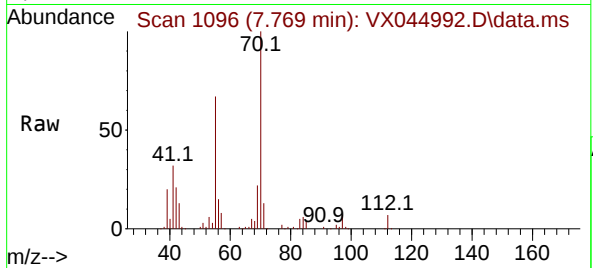




#47
Bromodichloromethane
Concen: 1.069 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. -0.048 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

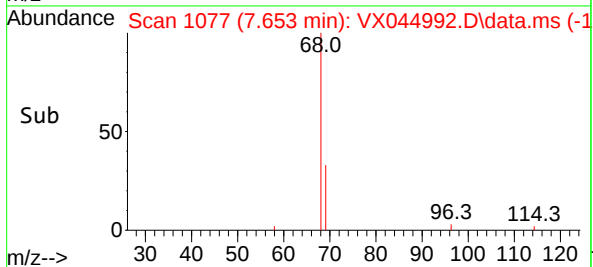
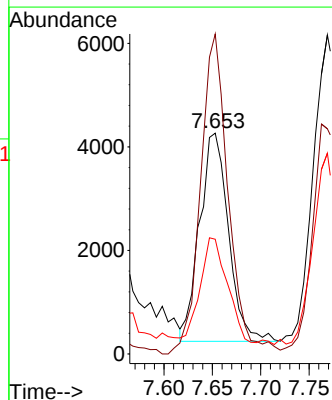
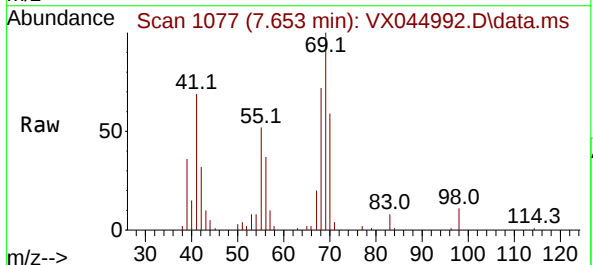
Instrument :
MSVOA_X
ClientSampleId :

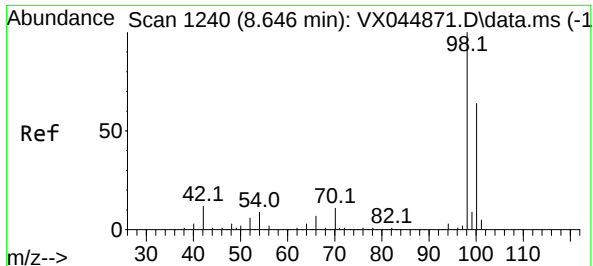
Tgt Ion: 83 Resp: 1880
Ion Ratio Lower Upper
83 100
85 79.9 50.0 75.0#
127 0.0 6.4 9.6#



#48
Methyl methacrylate
Concen: 5.853 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.036 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 41 Resp: 8354
Ion Ratio Lower Upper
41 100
69 147.7 65.8 98.8#
39 47.2 46.4 69.6

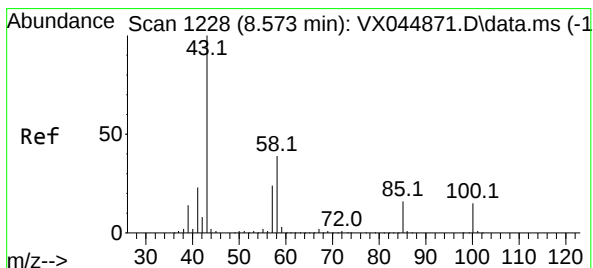
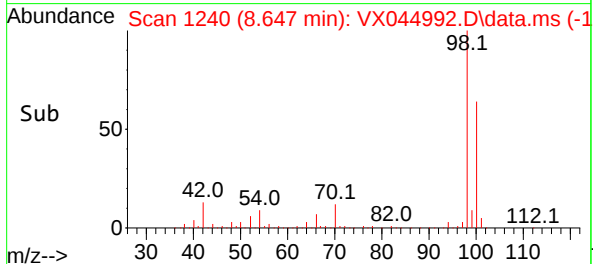
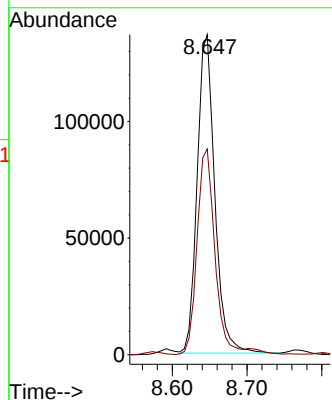
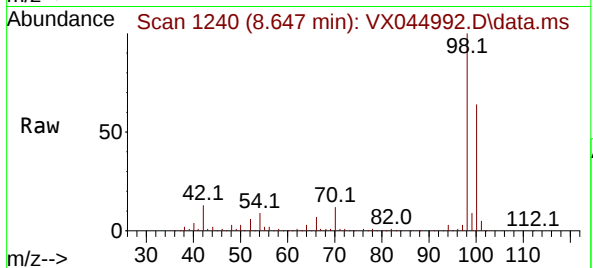




#50
Toluene-d8
Concen: 50.436 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

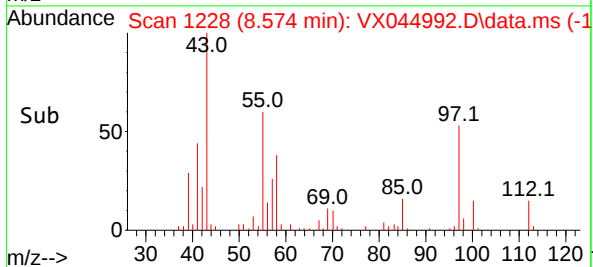
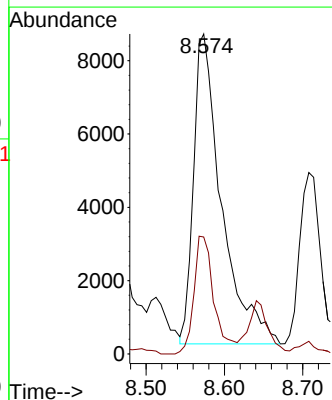
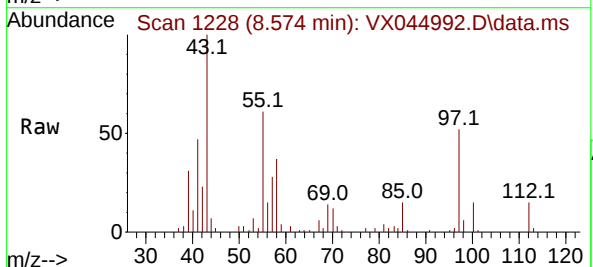
Instrument :
MSVOA_X
ClientSampleId :

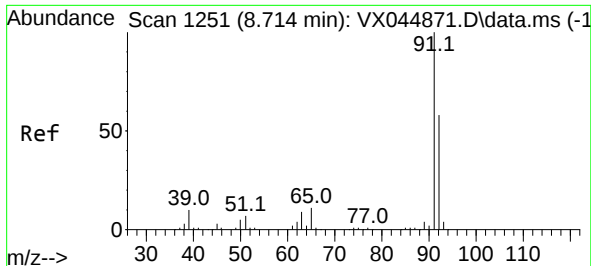
Tgt Ion: 98 Resp: 222767
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 11.423 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 43 Resp: 21021
Ion Ratio Lower Upper
43 100
58 27.4 30.8 46.2#

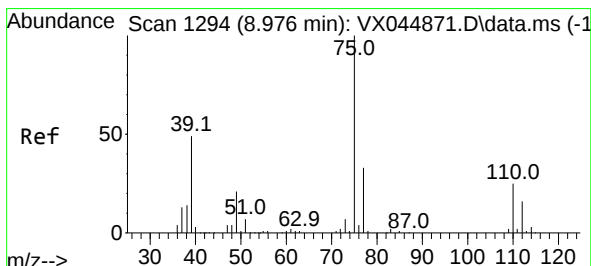
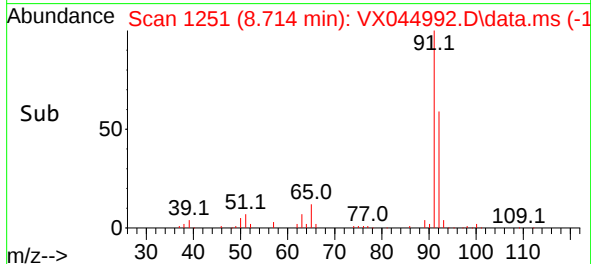
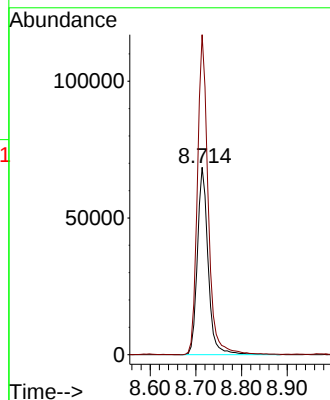
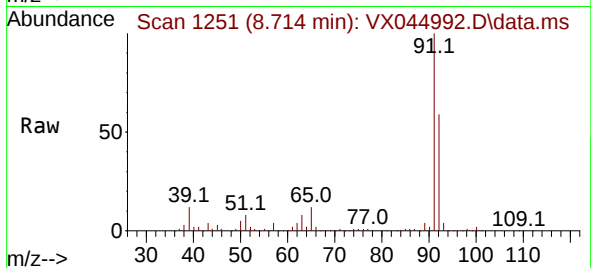




#52
Toluene
Concen: 35.636 ug/l
RT: 8.714 min Scan# 111679
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

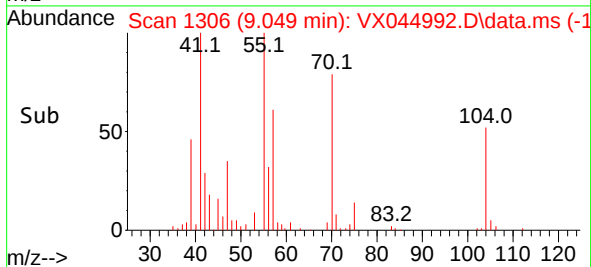
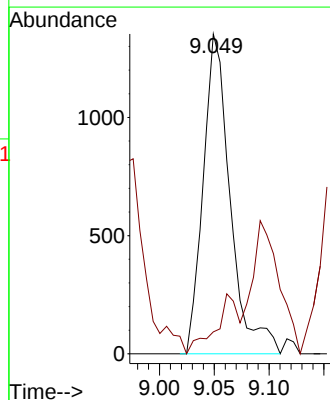
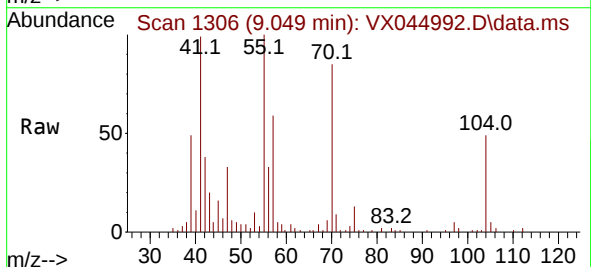
Instrument :
MSVOA_X
ClientSampleId :

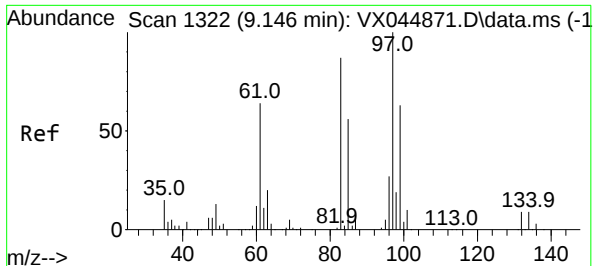
Tgt Ion: 92 Resp: 111679
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.2



#53
t-1,3-Dichloropropene
Concen: 1.302 ug/l
RT: 9.049 min Scan# 1306
Delta R.T. 0.073 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 75 Resp: 2317
Ion Ratio Lower Upper
75 100
77 1.3 26.0 39.0#





#55

1,1,2-Trichloroethane

Concen: 35.238 ug/l

RT: 9.098 min Scan# 1

Delta R.T. -0.048 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 42451

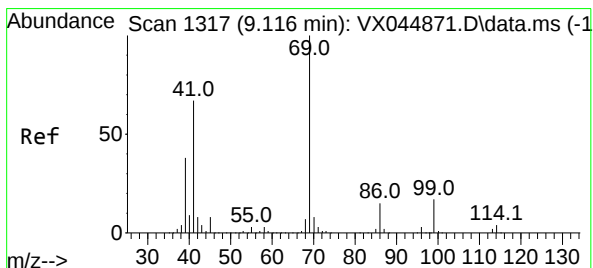
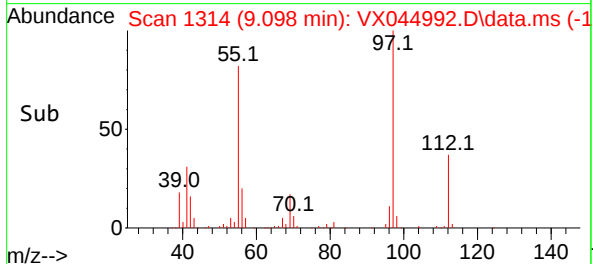
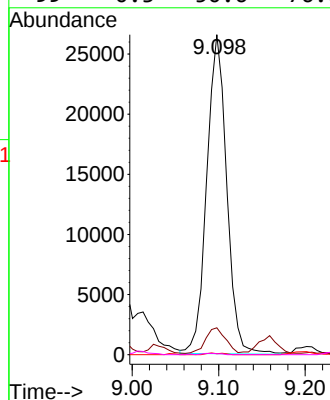
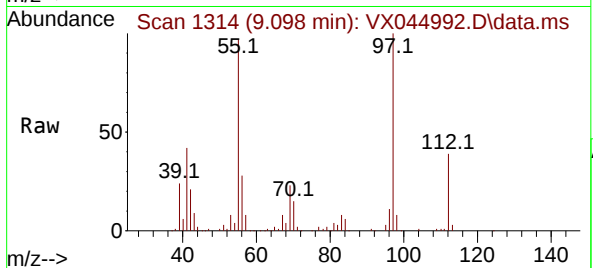
Ion Ratio Lower Upper

97 100

83 7.9 69.8 104.6#

85 0.3 44.8 67.2#

99 0.3 50.6 76.0#



#56

Ethyl methacrylate

Concen: 5.245 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.018 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

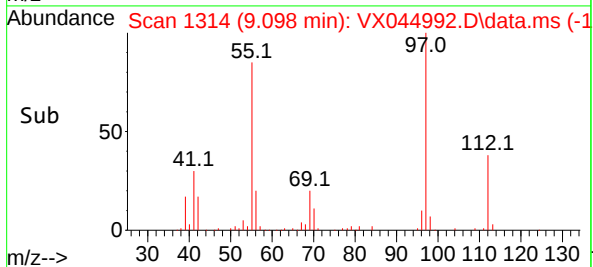
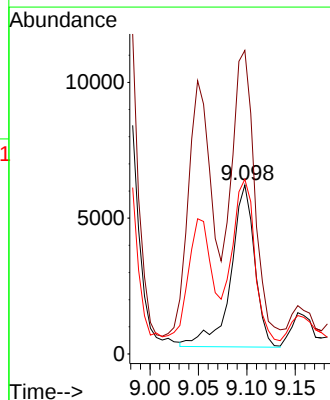
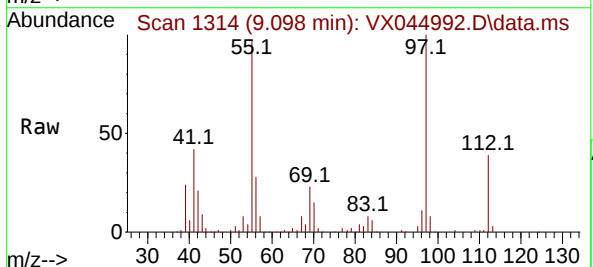
Tgt Ion: 69 Resp: 10205

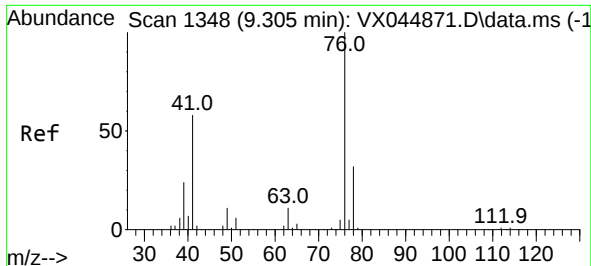
Ion Ratio Lower Upper

69 100

41 172.9 55.2 82.8#

39 92.7 30.8 46.2#





#57

1,3-Dichloropropane

Concen: 0.210 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.134 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

Instrument :

MSVOA_X

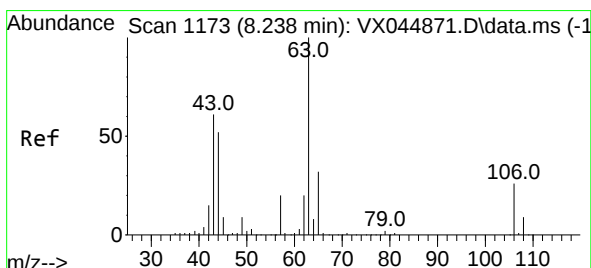
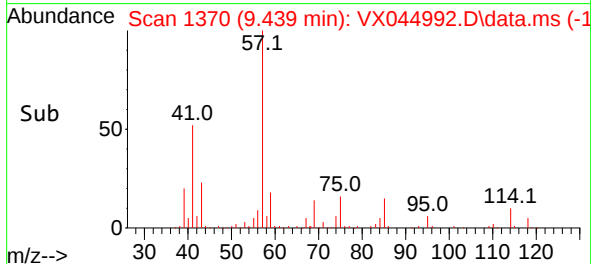
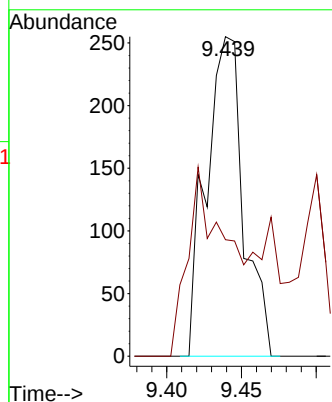
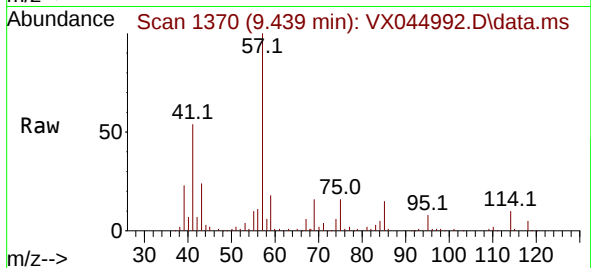
ClientSampleId :

Tgt Ion: 76 Resp: 442

Ion Ratio Lower Upper

76 100

78 61.8 25.8 38.8#



#58

2-Chloroethyl Vinyl ether

Concen: 4.426 ug/l

RT: 8.403 min Scan# 1200

Delta R.T. 0.165 min

Lab File: VX044992.D

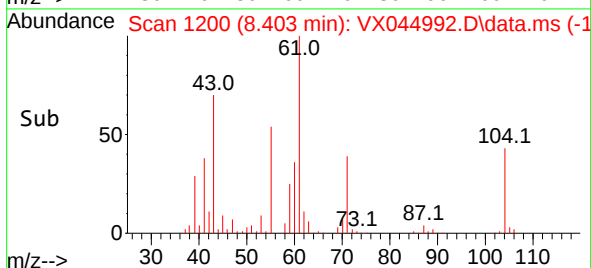
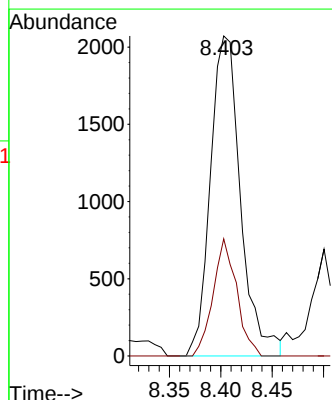
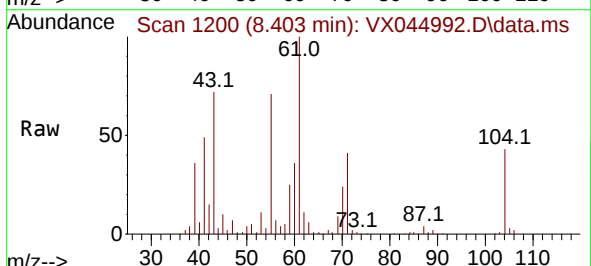
Acq: 18 Feb 2025 16:54

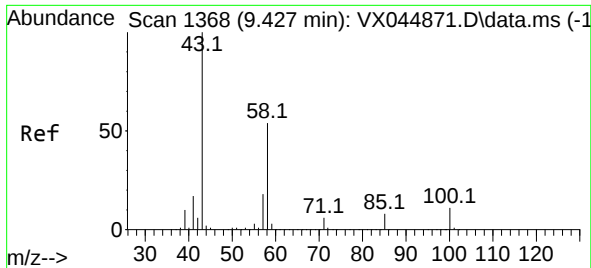
Tgt Ion: 63 Resp: 4228

Ion Ratio Lower Upper

63 100

106 28.6 21.3 31.9

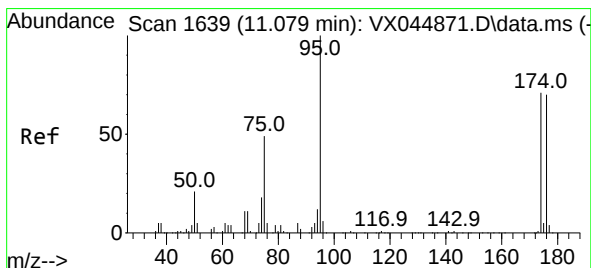
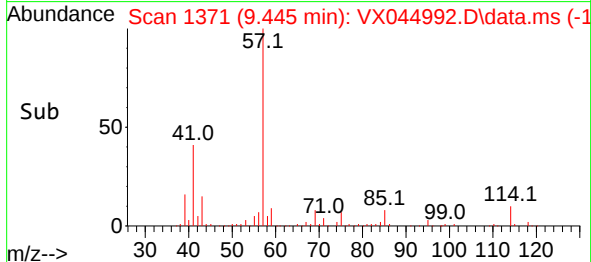
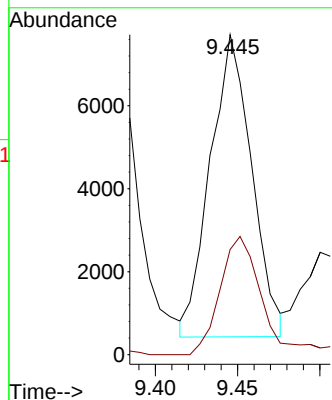
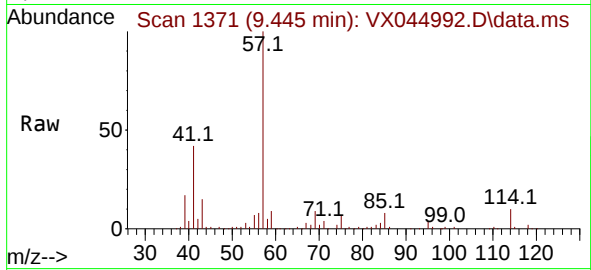




#59
2-Hexanone
Concen: 9.618 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.019 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

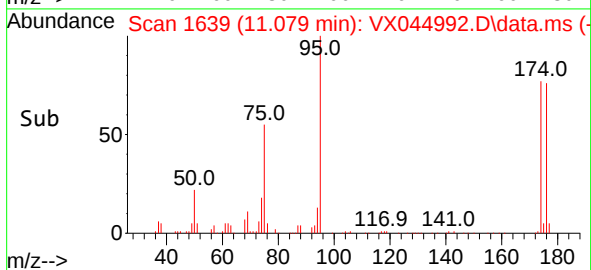
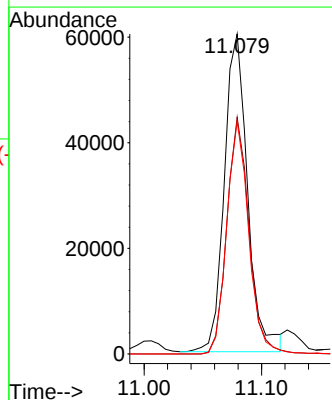
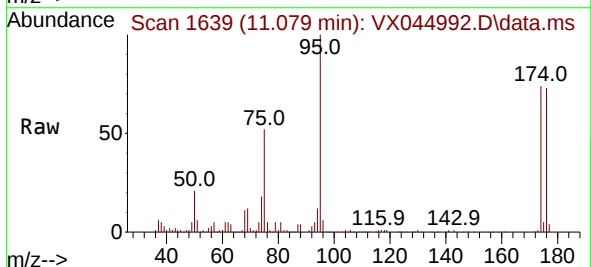
Instrument :
MSVOA_X
ClientSampleId :

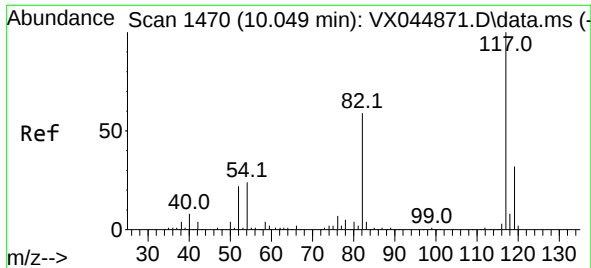
Tgt Ion: 43 Resp: 12752
Ion Ratio Lower Upper
43 100
58 41.5 27.5 82.4



#62
4-Bromofluorobenzene
Concen: 55.722 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 95 Resp: 82970
Ion Ratio Lower Upper
95 100
174 70.9 0.0 142.6
176 69.1 0.0 141.6

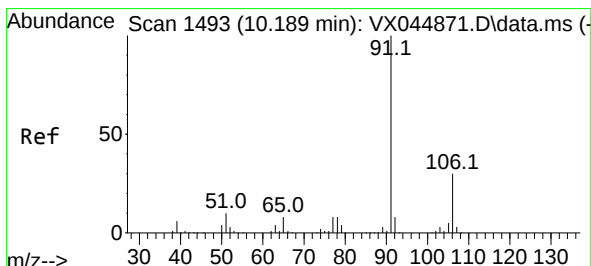
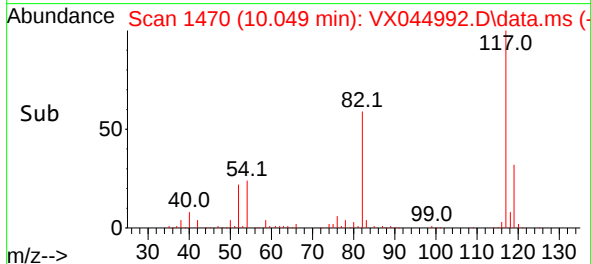
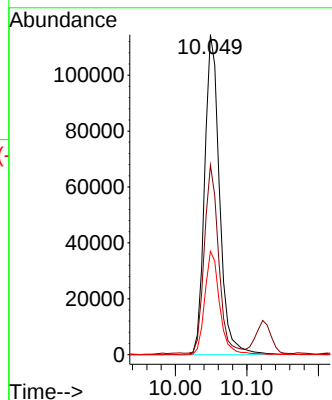
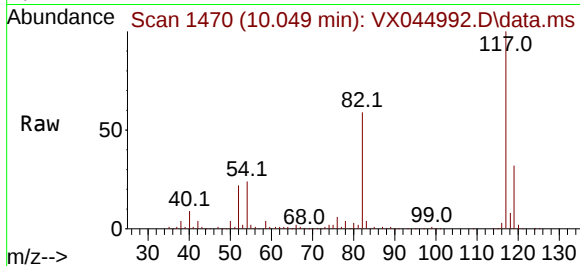




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

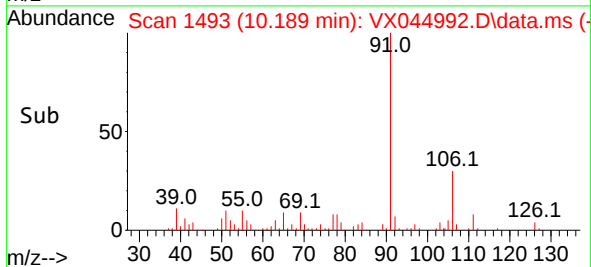
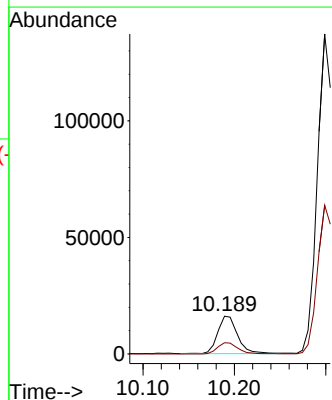
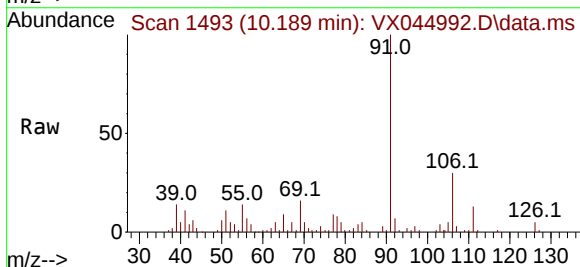
Instrument :
MSVOA_X
ClientSampleId :

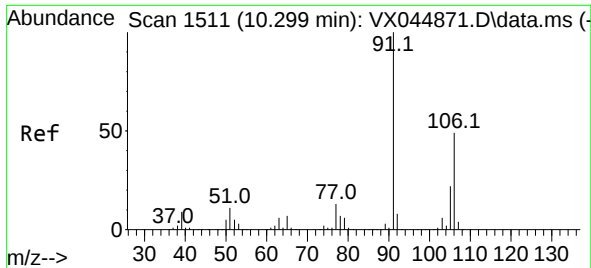
Tgt Ion:117 Resp: 166286
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 32.3 25.4 38.0



#67
Ethyl Benzene
Concen: 3.854 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 91 Resp: 24291
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9

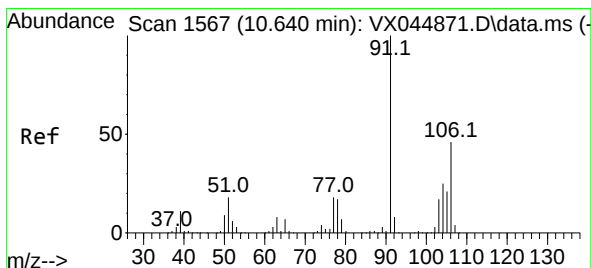
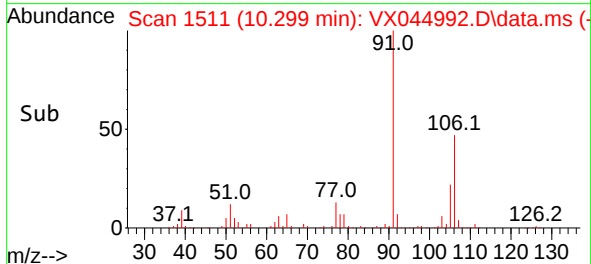
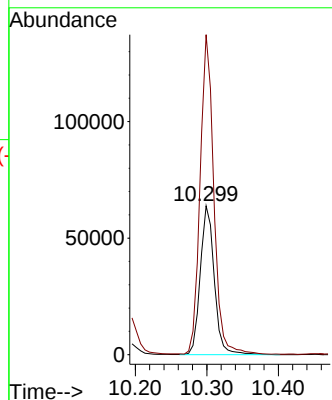
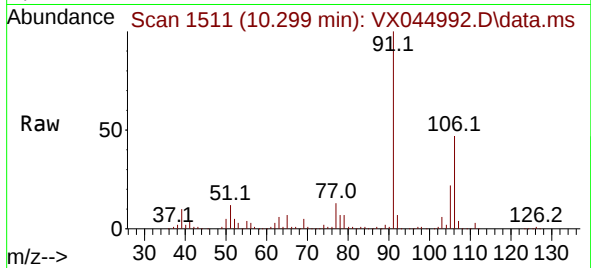




#68
m/p-Xylenes
Concen: 37.353 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

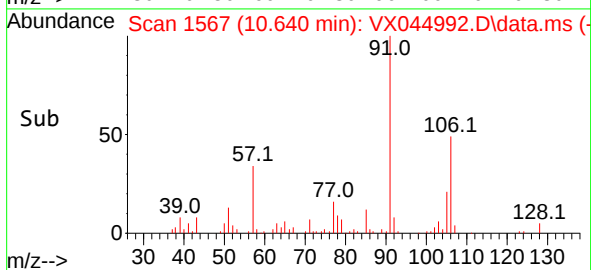
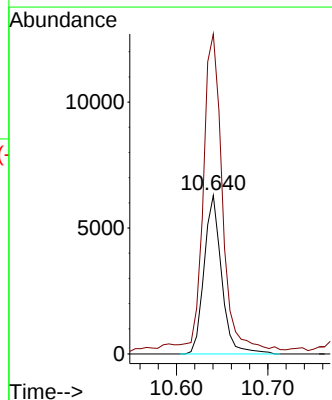
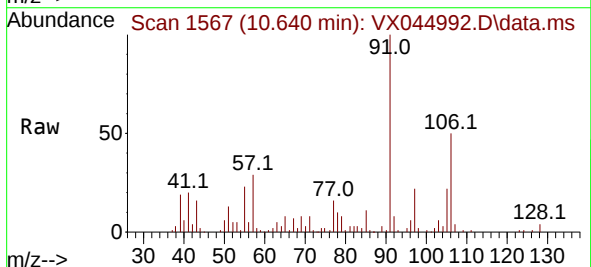
Instrument :
MSVOA_X
ClientSampleId :

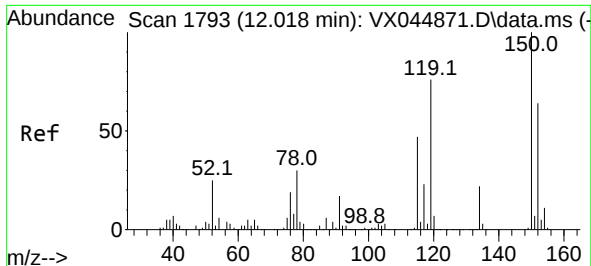
Tgt Ion:106 Resp: 86845
Ion Ratio Lower Upper
106 100
91 209.7 164.3 246.5



#69
o-Xylene
Concen: 3.600 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion:106 Resp: 8399
Ion Ratio Lower Upper
106 100
91 212.5 108.5 325.5

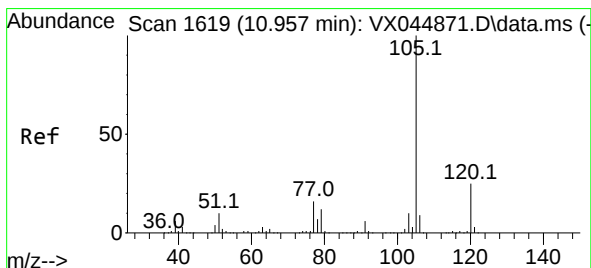
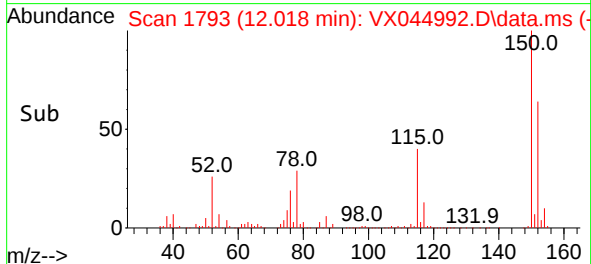
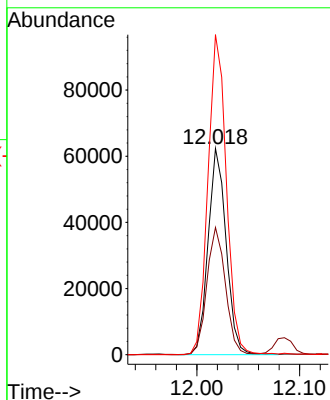
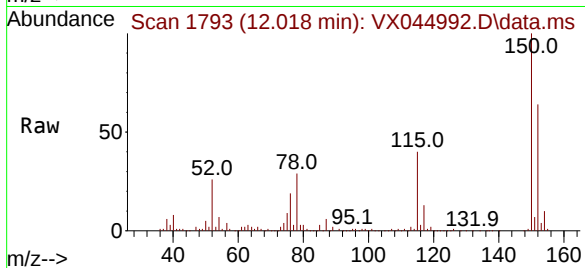




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

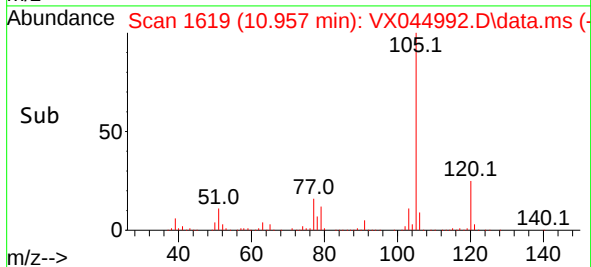
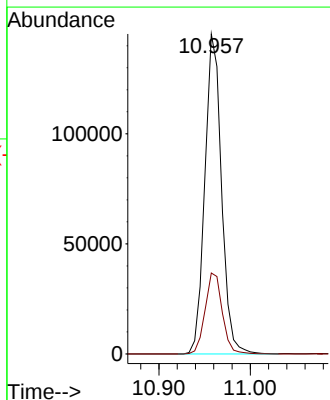
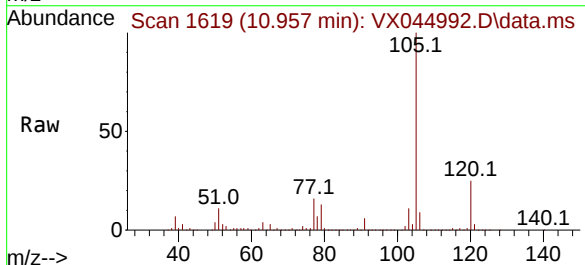
Instrument :
MSVOA_X
ClientSampleId :

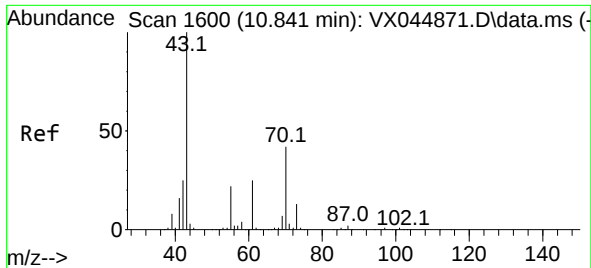
Tgt Ion:152 Resp: 76215
Ion Ratio Lower Upper
152 100
115 63.3 43.4 130.1
150 157.8 0.0 350.4



#73
Isopropylbenzene
Concen: 29.986 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion:105 Resp: 184014
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

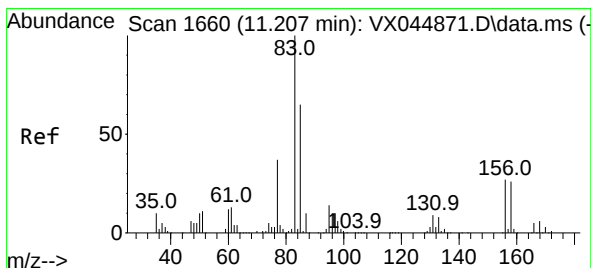
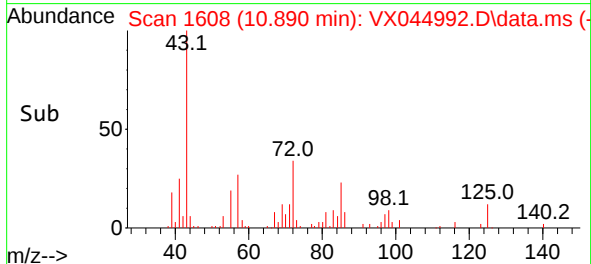
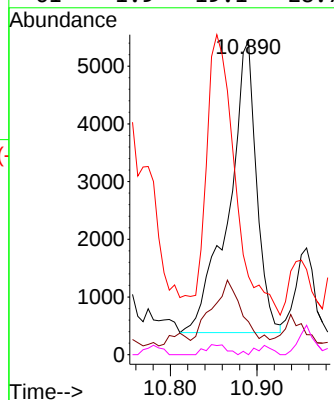
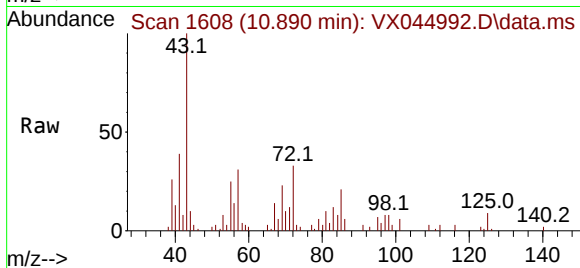




#74
N-amy1 acetate
Concen: 4.079 ug/l
RT: 10.890 min Scan# 1
Delta R.T. 0.049 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

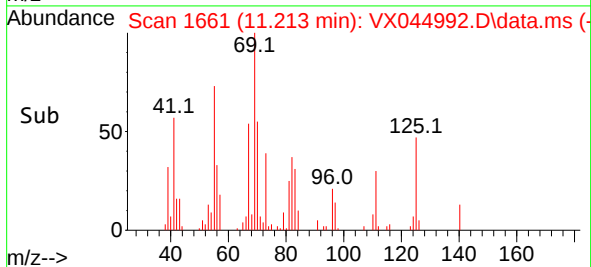
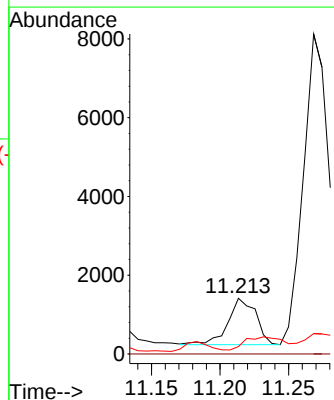
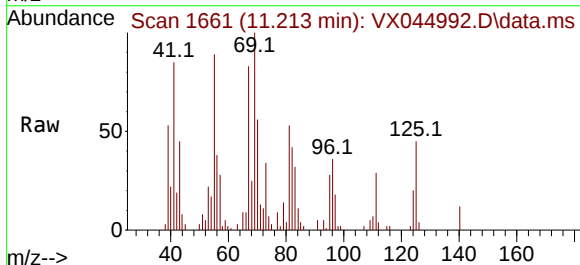
Instrument :
MSVOA_X
ClientSampleId :

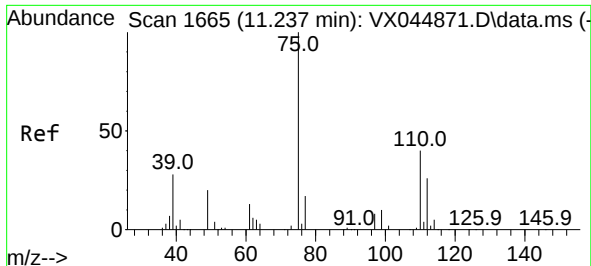
Tgt Ion: 43	Resp: 11327
Ion Ratio	Lower Upper
43 100	
70 0.0	33.7 50.5#
55 0.0	18.6 27.8#
61 1.9	19.1 28.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.796 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 83	Resp: 1678
Ion Ratio	Lower Upper
83 100	
131 0.0	4.5 13.5#
85 38.3	32.3 96.8

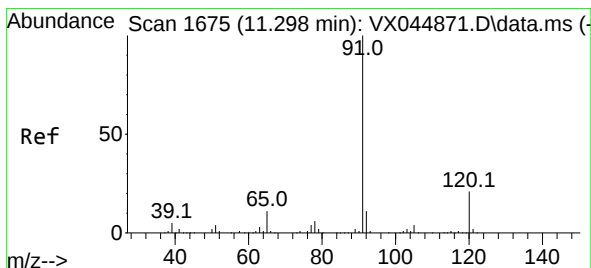
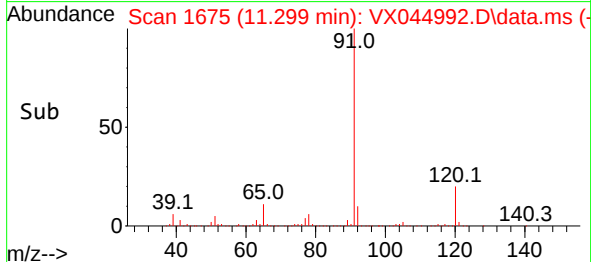
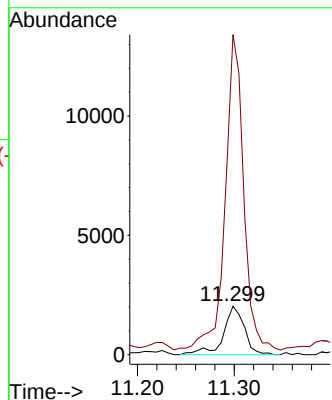
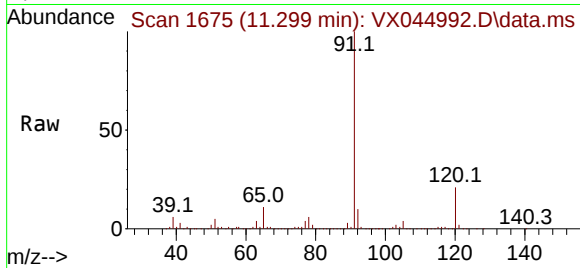




#76
1,2,3-Trichloropropane
Concen: 1.800 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.061 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

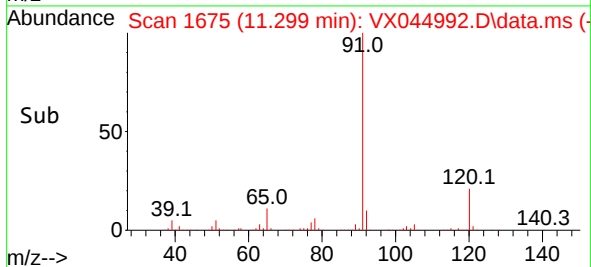
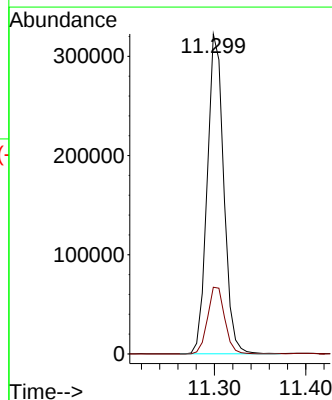
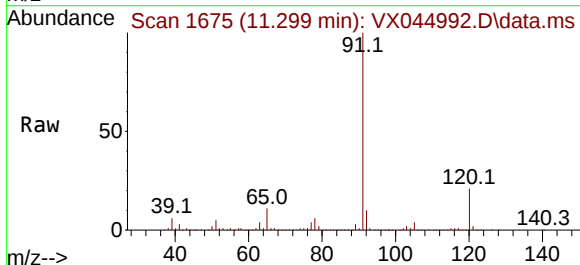
Instrument :
MSVOA_X
ClientSampleId :

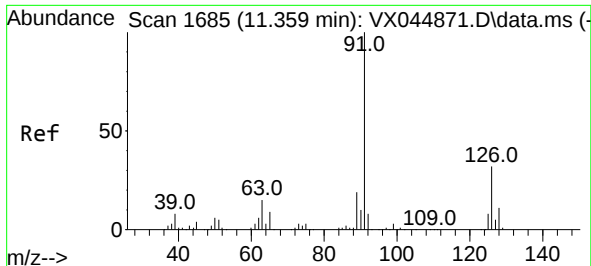
Tgt Ion: 75 Resp: 3041
Ion Ratio Lower Upper
75 100
77 575.3 21.9 65.7#



#78
n-propylbenzene
Concen: 57.090 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 91 Resp: 404384
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.3

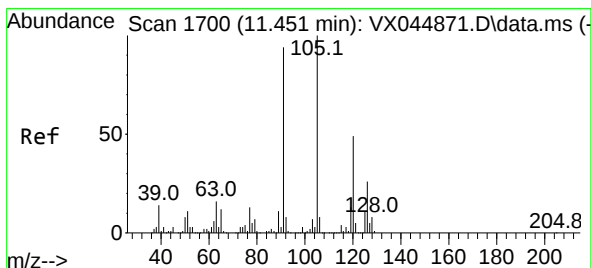
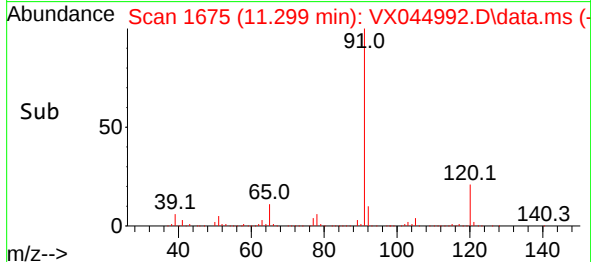
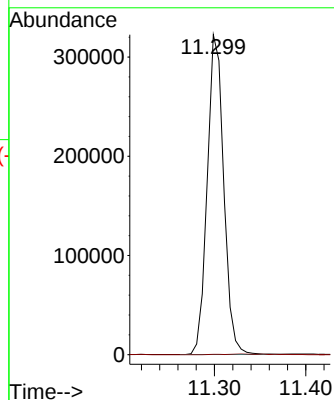
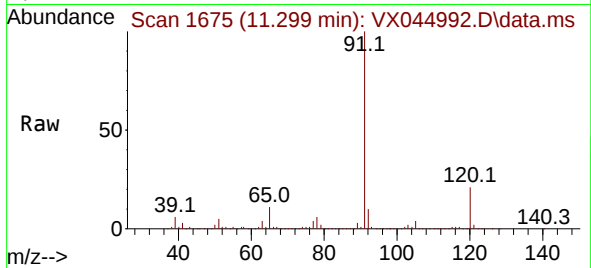




#79
2-Chlorotoluene
Concen: 92.891 ug/l
RT: 11.299 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

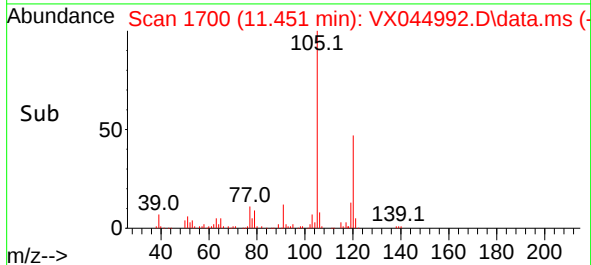
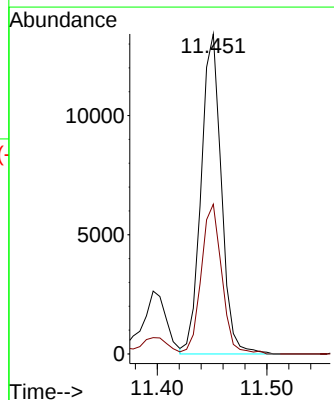
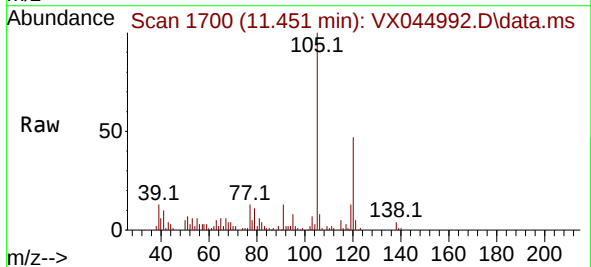
Instrument :
MSVOA_X
ClientSampleId :

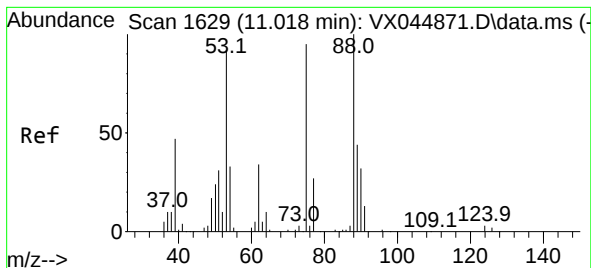
Tgt Ion: 91 Resp: 404384
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 3.449 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion:105 Resp: 17175
Ion Ratio Lower Upper
105 100
120 47.8 24.0 72.0

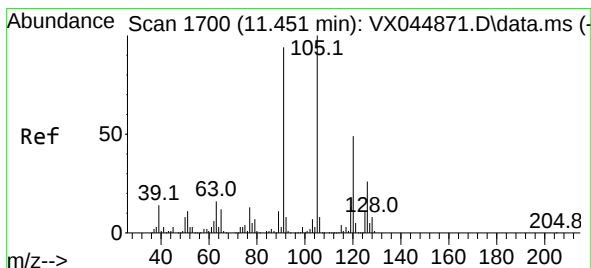
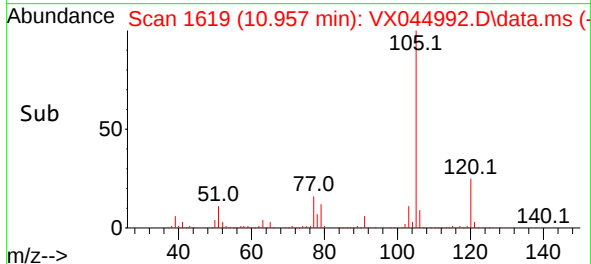
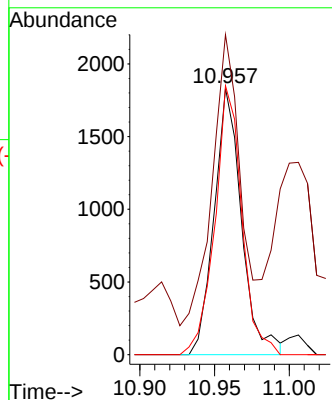
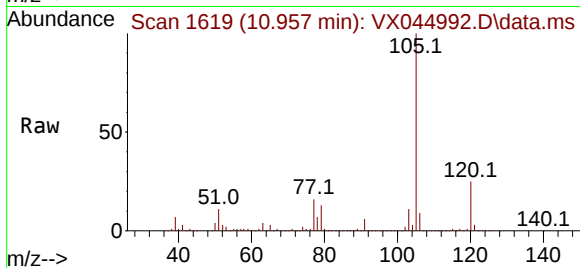




#81
trans-1,4-Dichloro-2-butene
Concen: 3.547 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.061 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

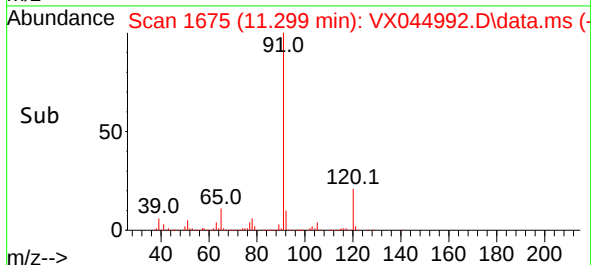
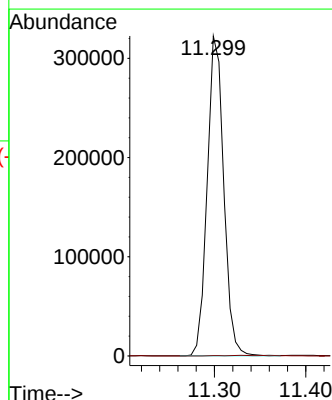
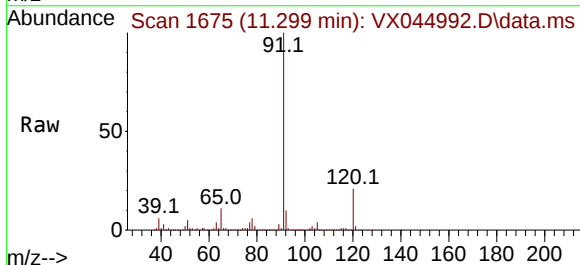
Instrument :
MSVOA_X
ClientSampleId :

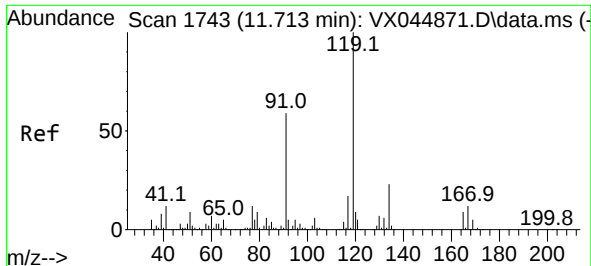
Tgt Ion: 75 Resp: 2330
Ion Ratio Lower Upper
75 100
53 107.7 78.0 117.0
89 99.6 36.6 54.8#



#82
4-Chlorotoluene
Concen: 83.963 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.152 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 91 Resp: 404384
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#





#83

tert-Butylbenzene

Concen: 0.449 ug/l

RT: 11.707 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VX044992.D

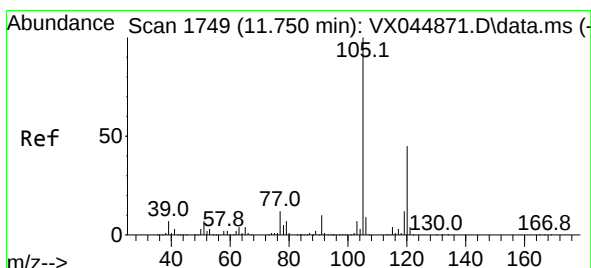
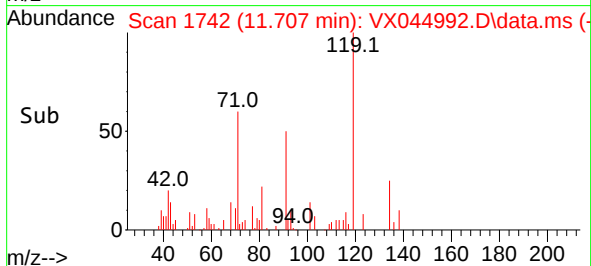
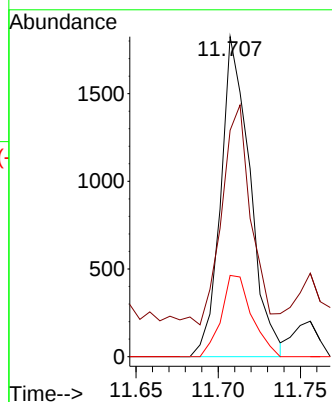
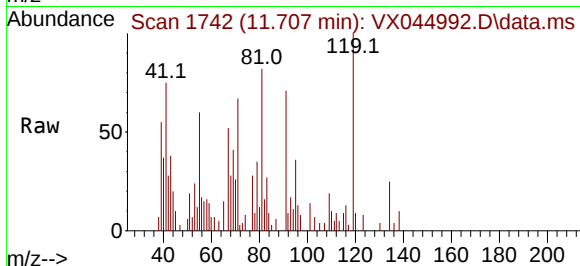
Acq: 18 Feb 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:119	Resp:	2260
Ion Ratio	Lower	Upper
119	100	
91	63.9	29.1 87.4
134	26.5	11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 0.550 ug/l

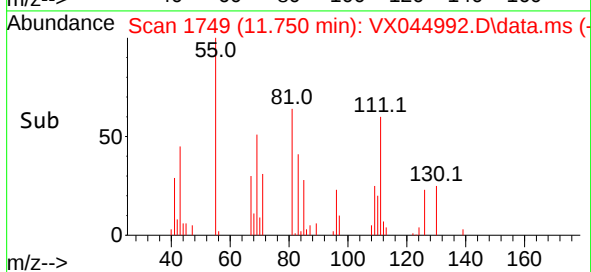
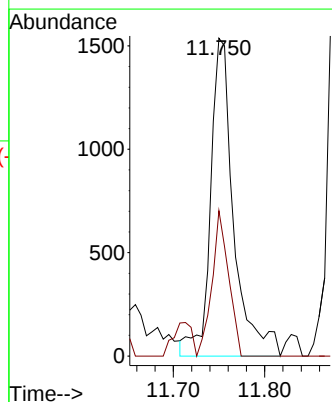
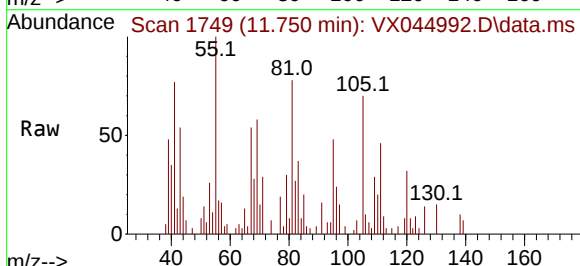
RT: 11.750 min Scan# 1749

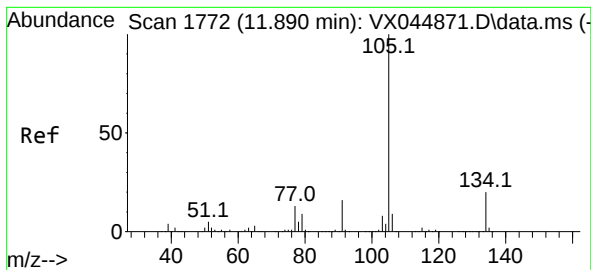
Delta R.T. 0.000 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

Tgt Ion:105	Resp:	2703
Ion Ratio	Lower	Upper
105	100	
120	32.7	22.4 67.0





#85

sec-Butylbenzene

Concen: 2.304 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

Instrument :

MSVOA_X

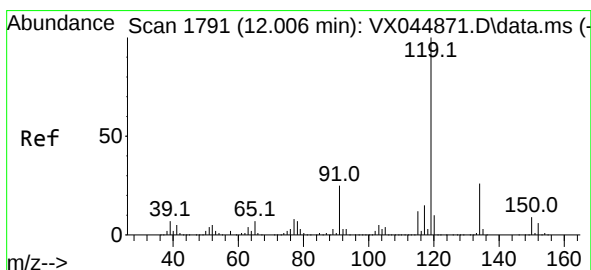
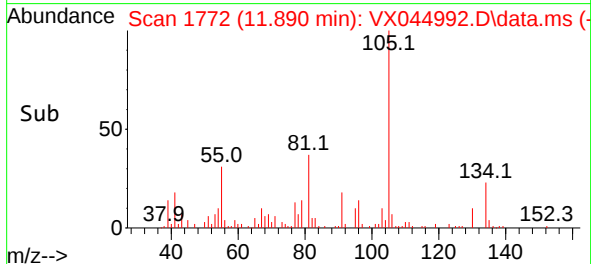
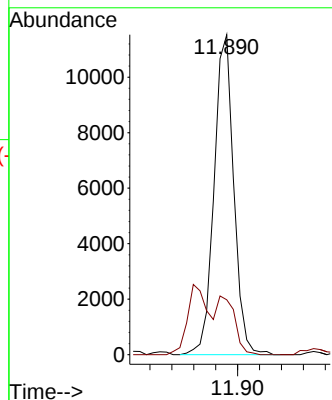
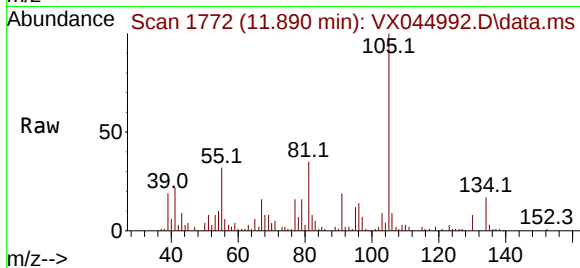
ClientSampleId :

Tgt Ion:105 Resp: 14375

Ion Ratio Lower Upper

105 100

134 16.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 1.147 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044992.D

Acq: 18 Feb 2025 16:54

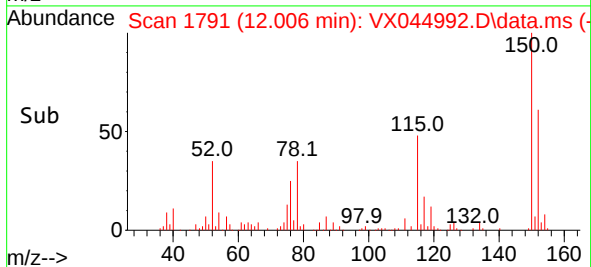
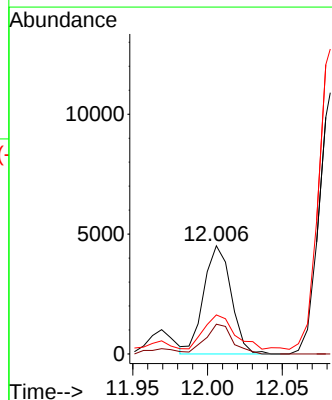
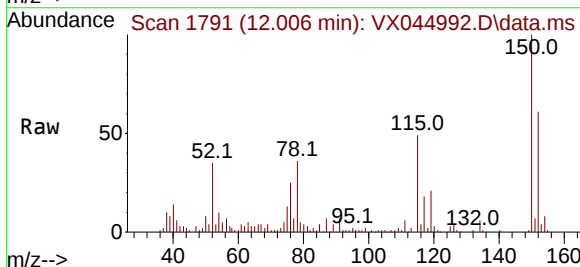
Tgt Ion:119 Resp: 5753

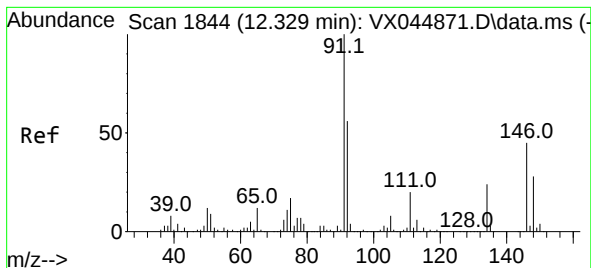
Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

91 0.0 12.1 36.3#

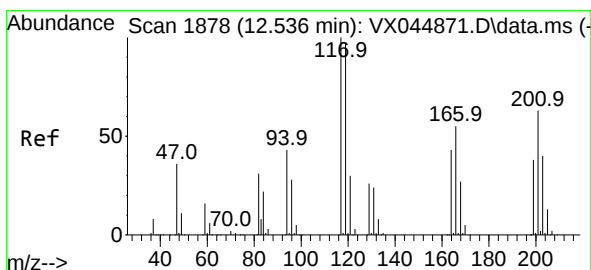
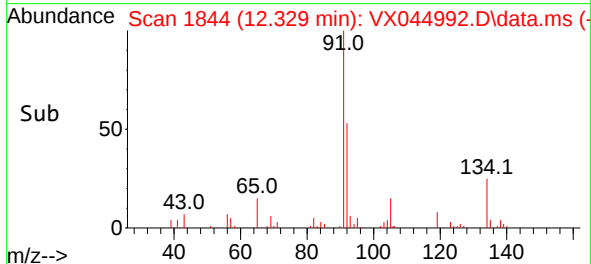
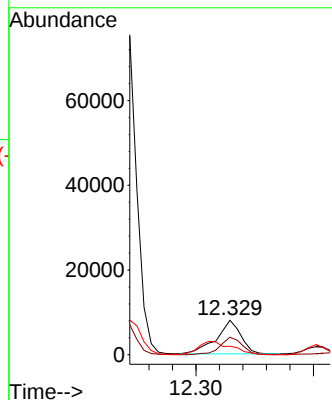
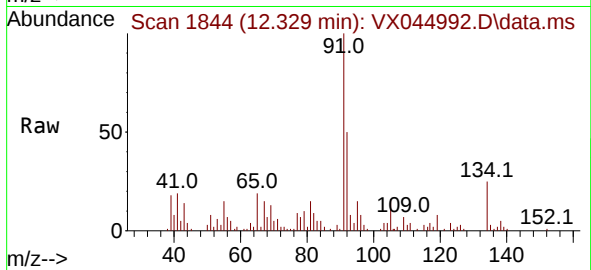




#89
n-Butylbenzene
Concen: 2.614 ug/l
RT: 12.329 min Scan# 11603
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

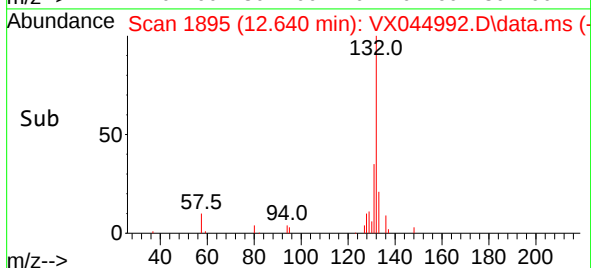
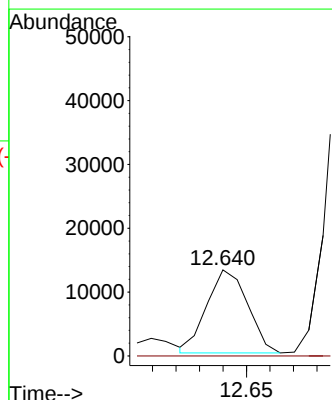
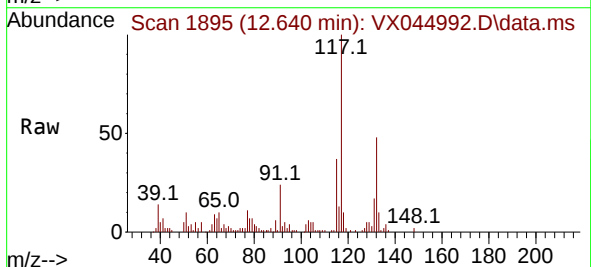
Instrument :
MSVOA_X
ClientSampleId :

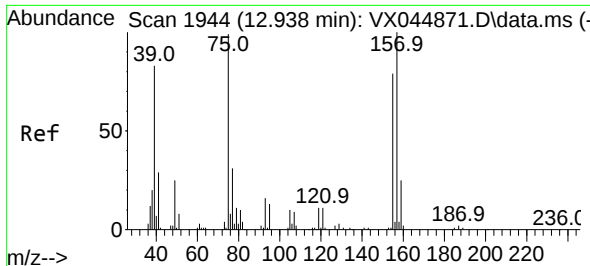
Tgt Ion: 91 Resp: 11603
Ion Ratio Lower Upper
91 100
92 46.2 27.2 81.6
134 52.6 12.1 36.3#



#90
Hexachloroethane
Concen: 16.749 ug/l
RT: 12.640 min Scan# 1895
Delta R.T. 0.104 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 117 Resp: 15733
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#

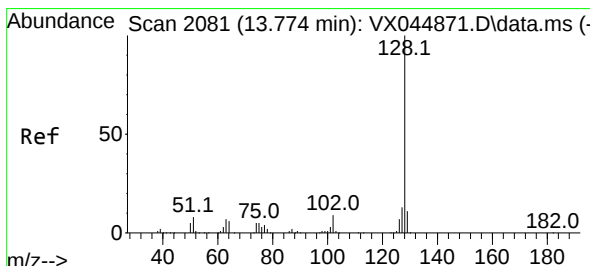
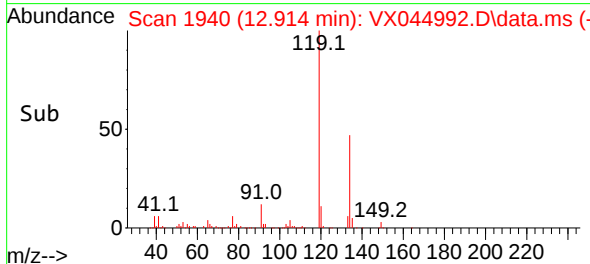
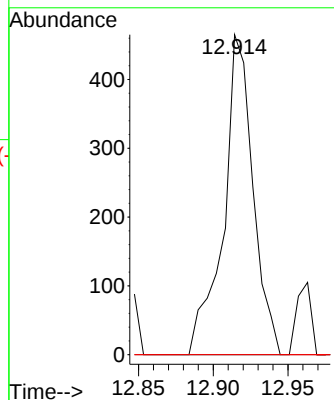
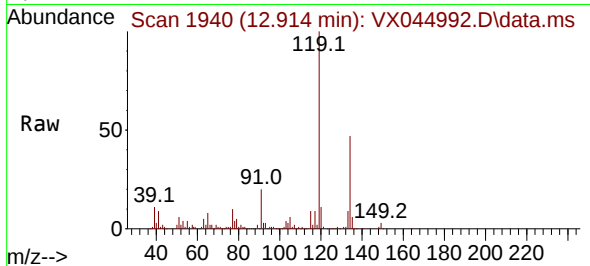




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.655 ug/l
RT: 12.914 min Scan# 1940
Delta R.T. -0.024 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 637
Ion Ratio Lower Upper
75 100
155 0.0 40.5 121.4#
157 0.0 51.4 154.3#



#95
Naphthalene
Concen: 17.486 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044992.D
Acq: 18 Feb 2025 16:54

Tgt Ion: 128 Resp: 96178
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 12.4 8.9 13.3

