

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043596.D
 Acq On : 29 Oct 2024 14:52
 Operator : JC/MD
 Sample : P4548-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Oct 30 01:32:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

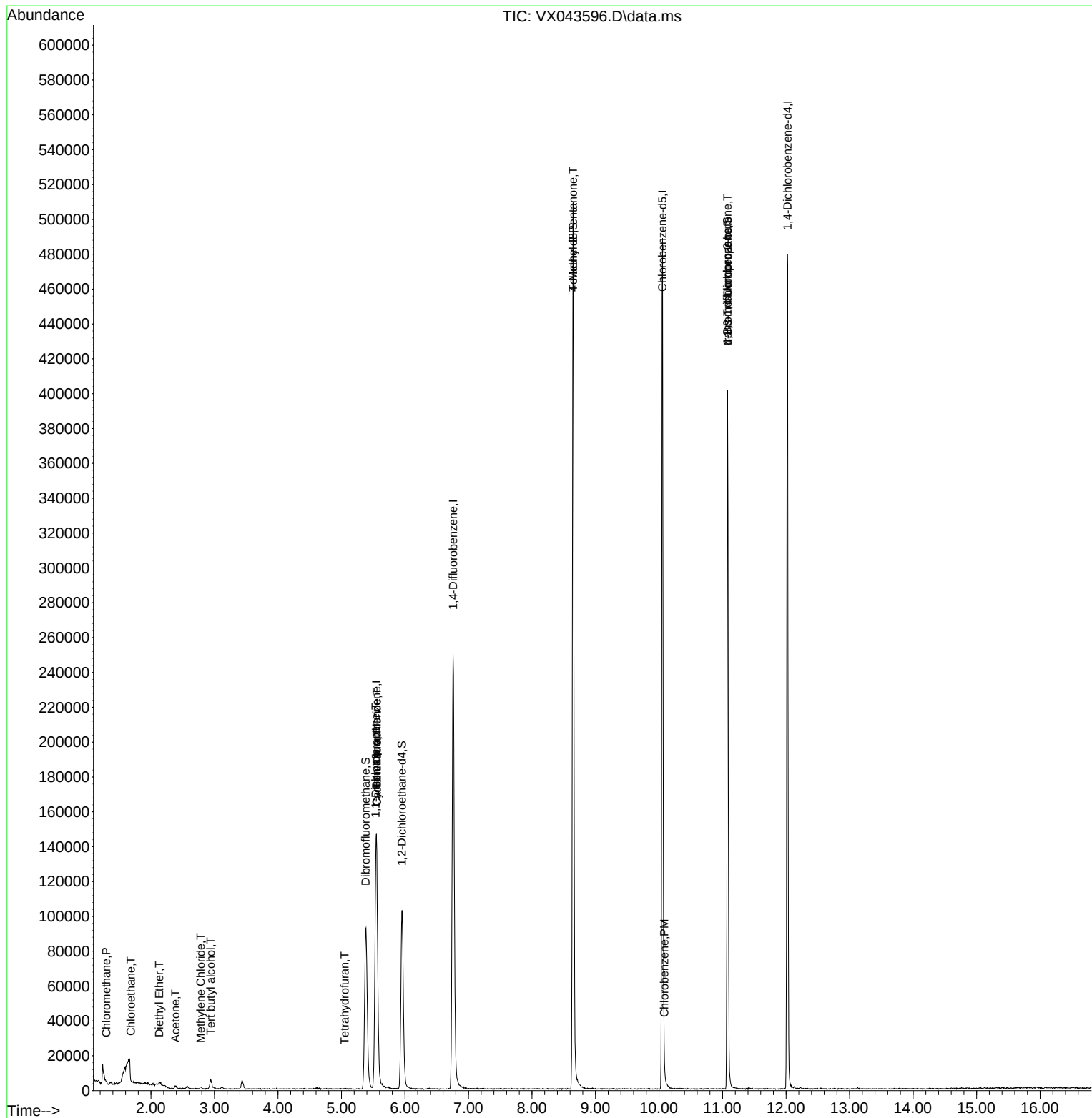
Internal Standards						
1) Pentafluorobenzene	5.550	168	145951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	270530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100847	43.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.660%
35) Dibromofluoromethane	5.379	113	84453	46.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.080%
50) Toluene-d8	8.647	98	314788	49.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	111439	47.359	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.720%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	609	0.305	ug/l #	81
6) Chloroethane	1.685	64	378	0.579	ug/l #	43
8) Diethyl Ether	2.130	74	425	0.407	ug/l	53
11) Tert butyl alcohol	2.940	59	3061	7.047	ug/l #	100
16) Acetone	2.386	43	1855	2.007	ug/l	91
20) Methylene Chloride	2.782	84	611	0.307	ug/l #	60
29) Tetrahydrofuran	5.050	42	304	0.347	ug/l #	32
31) Cyclohexane	5.556	56	2963	1.206	ug/l #	37
36) 1,1-Dichloropropene	5.538	75	11166	5.133	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14907	6.202	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1341	0.504	ug/l #	1
65) Chlorobenzene	10.086	112	1419	0.282	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	54362	24.126	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	54362	66.373	ug/l #	7

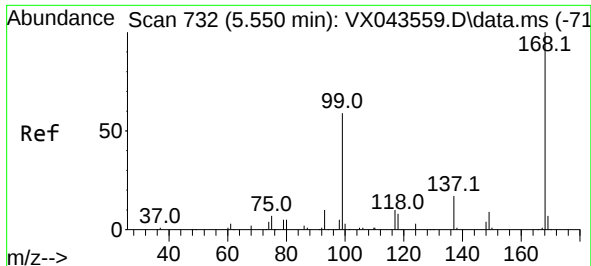
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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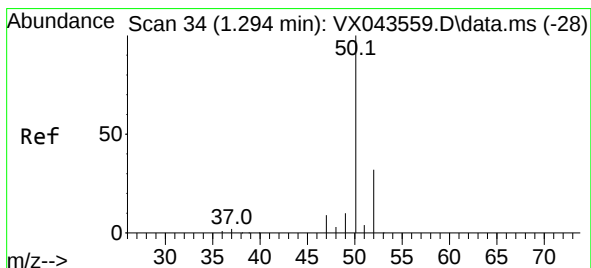
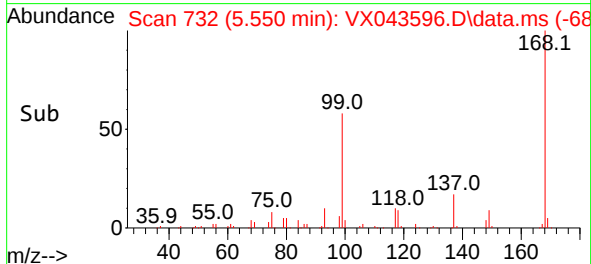
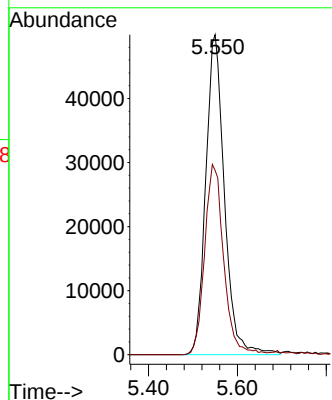
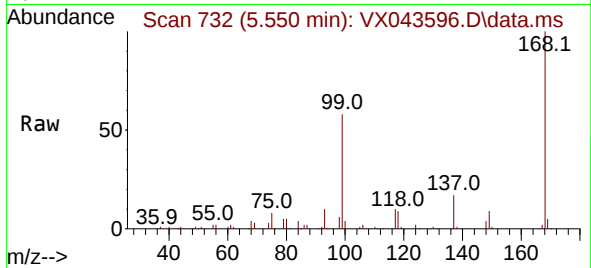




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

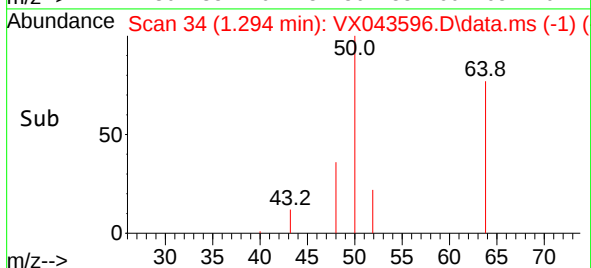
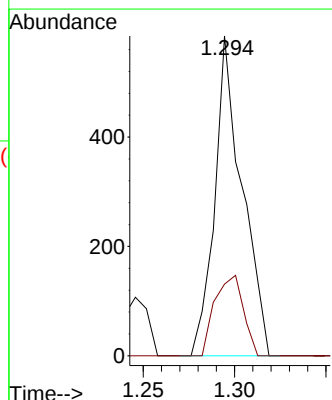
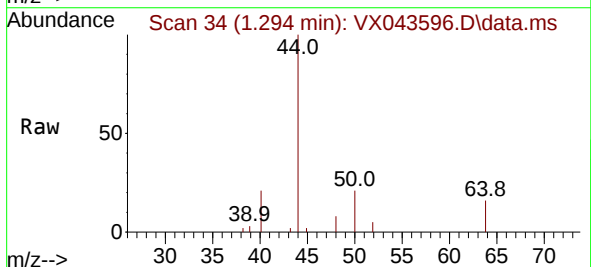
Instrument :
MSVOA_X
ClientSampleId :
MW-4

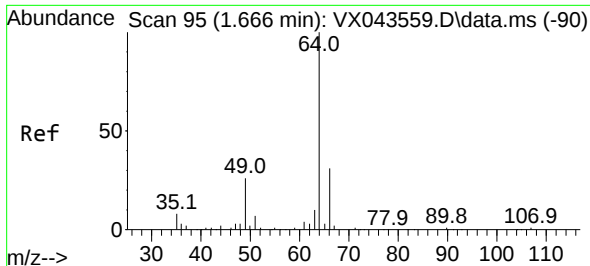
Tgt Ion:168 Resp: 145951
Ion Ratio Lower Upper
168 100
99 57.6 52.6 78.8



#3
Chloromethane
Concen: 0.305 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Tgt Ion: 50 Resp: 609
Ion Ratio Lower Upper
50 100
52 22.4 26.3 39.5#

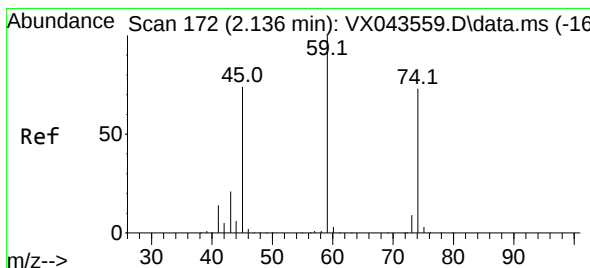
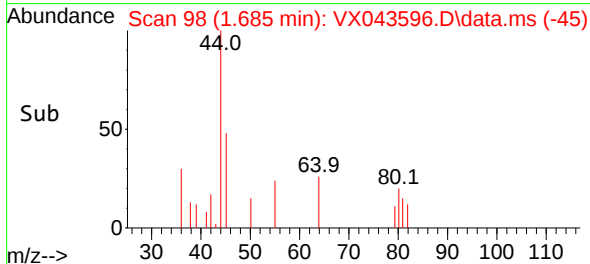
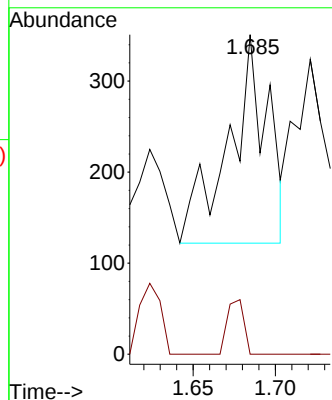
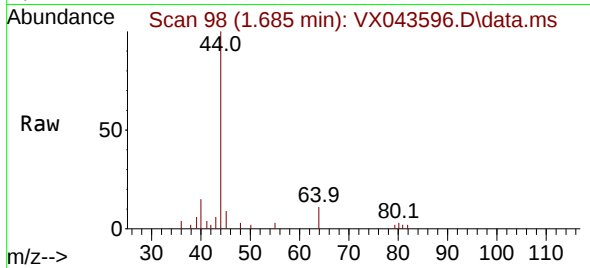




#6
Chloroethane
Concen: 0.579 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.025 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

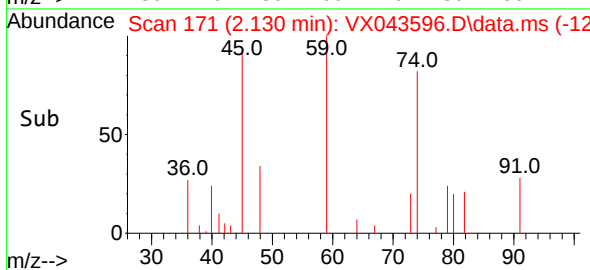
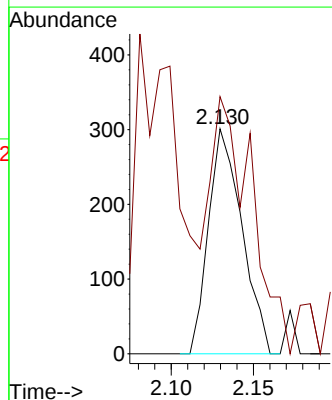
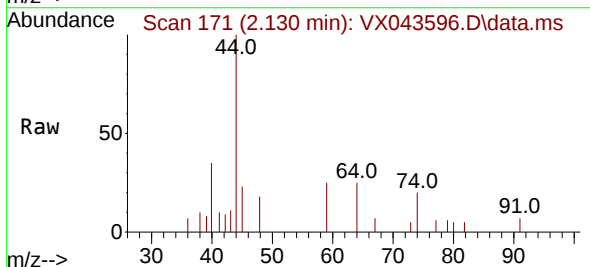
Instrument :
MSVOA_X
ClientSampleId :
MW-4

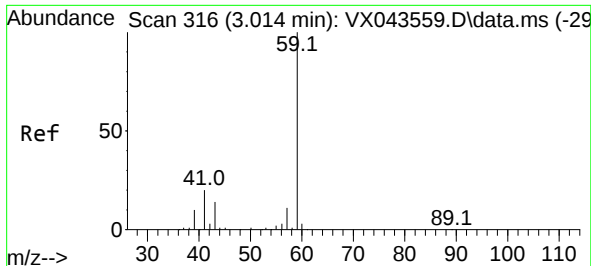
Tgt Ion: 64 Resp: 378
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#8
Diethyl Ether
Concen: 0.407 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Tgt Ion: 74 Resp: 425
Ion Ratio Lower Upper
74 100
45 140.9 47.5 142.5





#11

Tert butyl alcohol

Concen: 7.047 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.110 min

Lab File: VX043596.D

Acq: 29 Oct 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

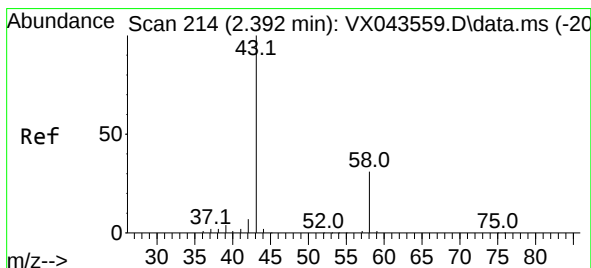
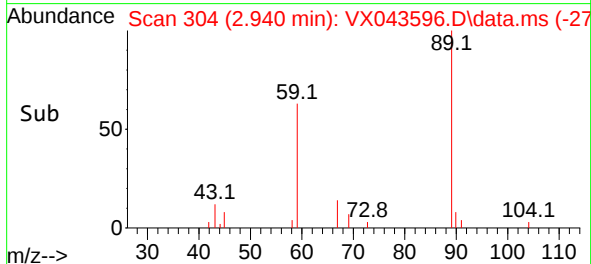
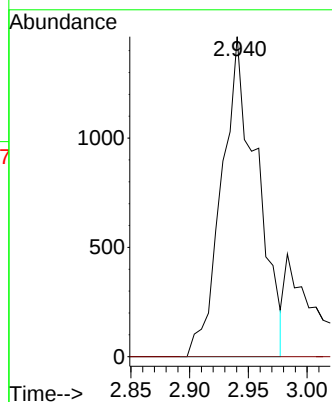
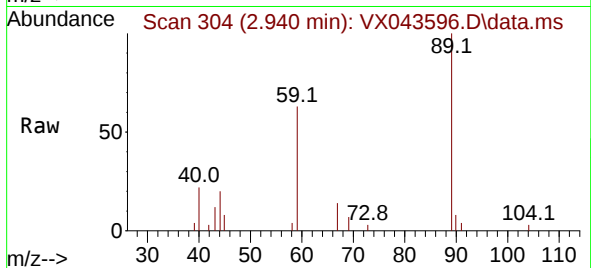
MW-4

Tgt Ion: 59 Resp: 3061

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#16

Acetone

Concen: 2.007 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX043596.D

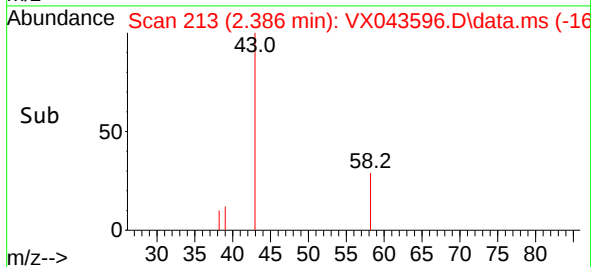
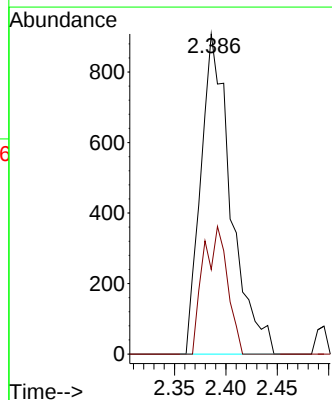
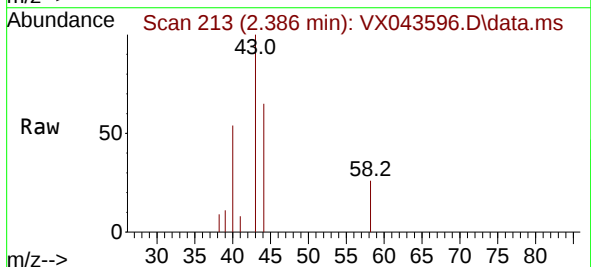
Acq: 29 Oct 2024 14:52

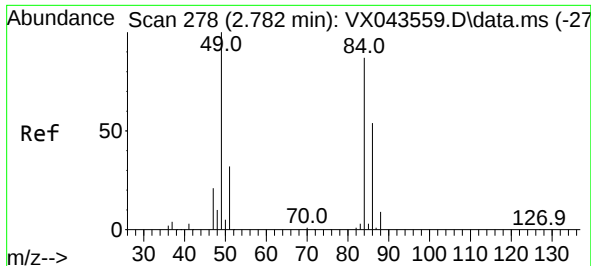
Tgt Ion: 43 Resp: 1855

Ion Ratio Lower Upper

43 100

58 26.4 25.1 37.7

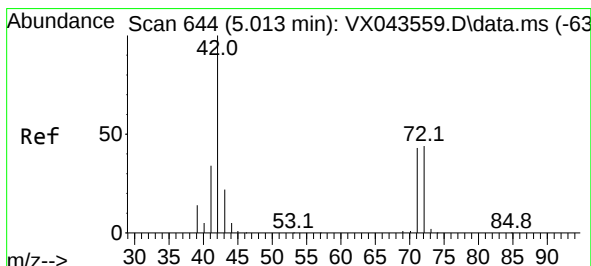
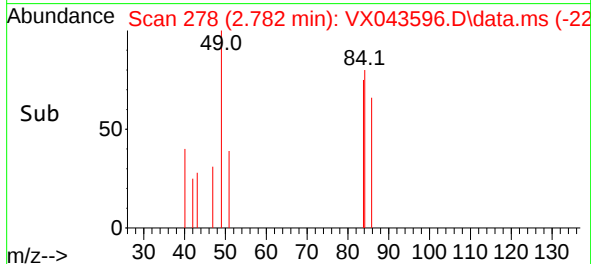
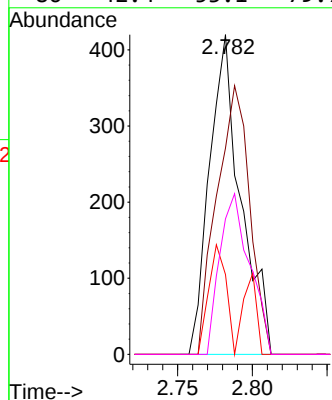
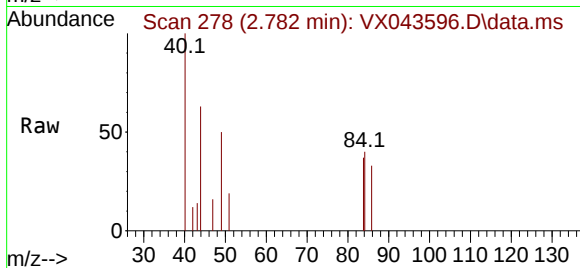




#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

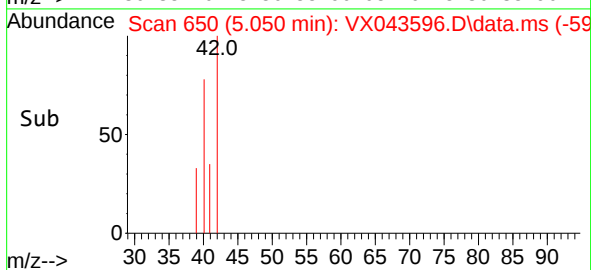
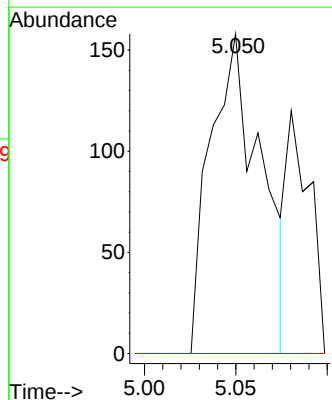
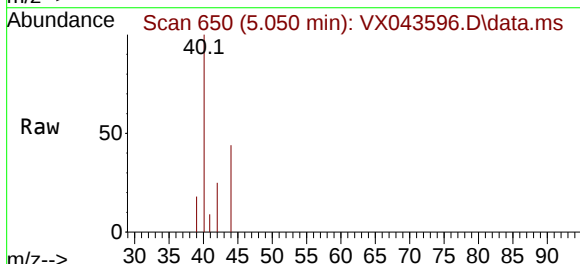
Instrument :
MSVOA_X
ClientSampleId :
MW-4

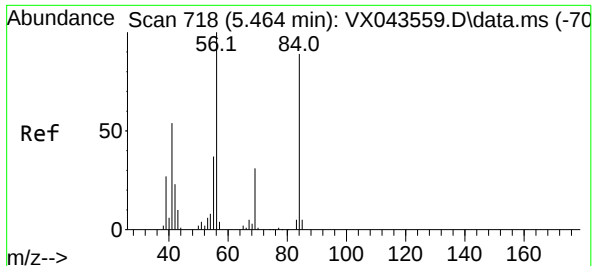
Tgt Ion:	84	Resp:	611
Ion	Ratio	Lower	Upper
84	100		
49	64.5	97.0	145.6#
51	25.0	29.8	44.8#
86	42.4	53.1	79.7#



#29
Tetrahydrofuran
Concen: 0.347 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.037 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Tgt Ion:	42	Resp:	304
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.2	51.4#

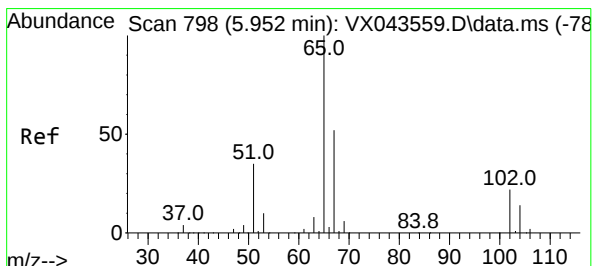
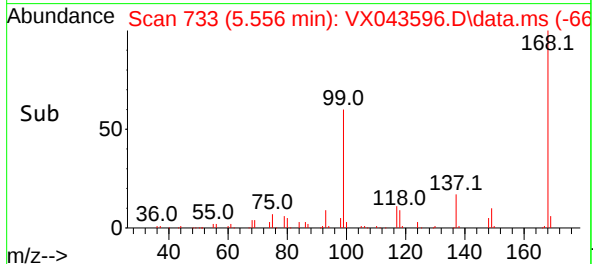
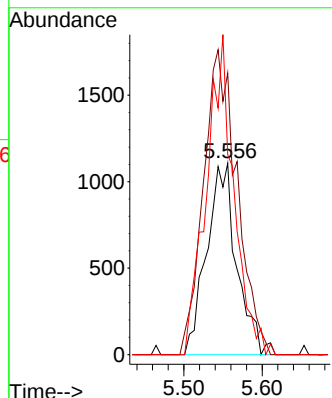
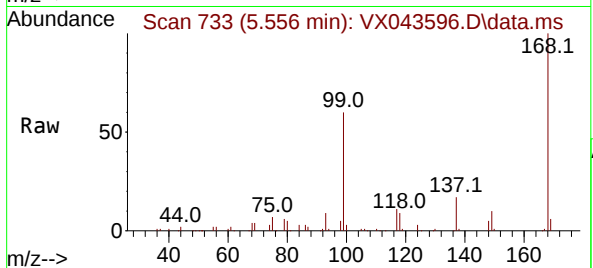




#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.098 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

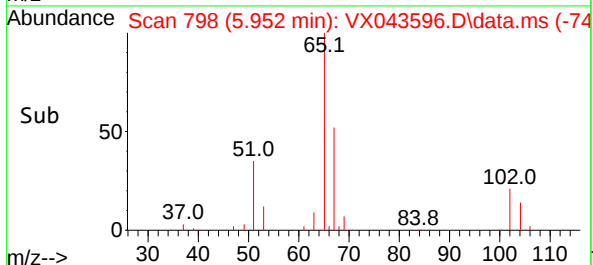
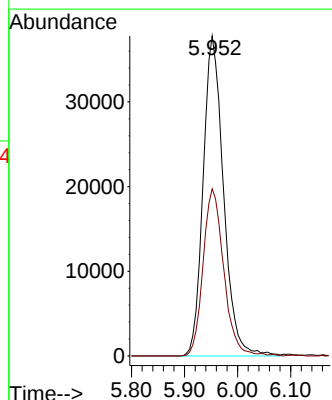
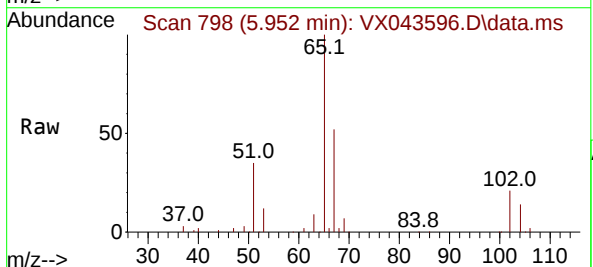
Instrument :
MSVOA_X
ClientSampleId :
MW-4

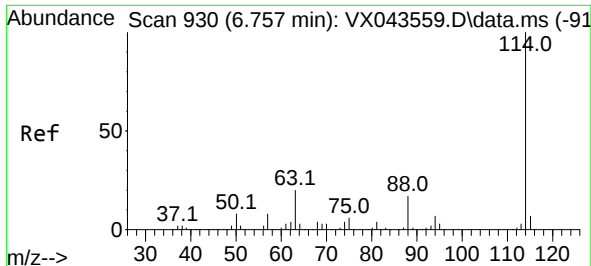
Tgt Ion: 56 Resp: 2963
Ion Ratio Lower Upper
56 100
69 147.2 24.9 37.3#
84 104.4 73.3 109.9



#33
1,2-Dichloroethane-d4
Concen: 43.334 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Tgt Ion: 65 Resp: 100847
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.4

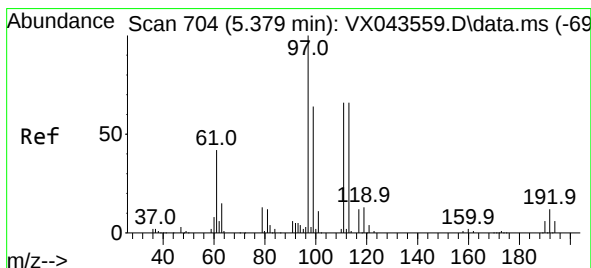
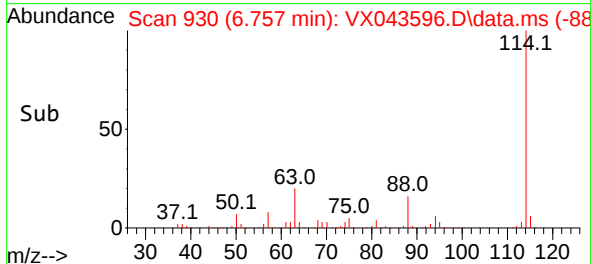
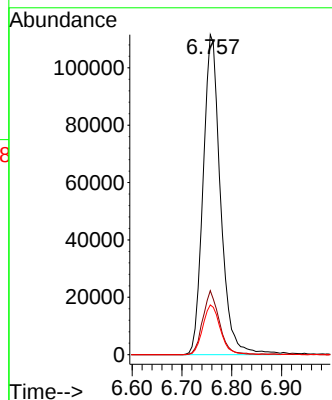
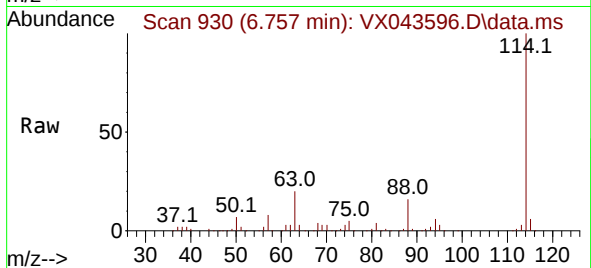




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

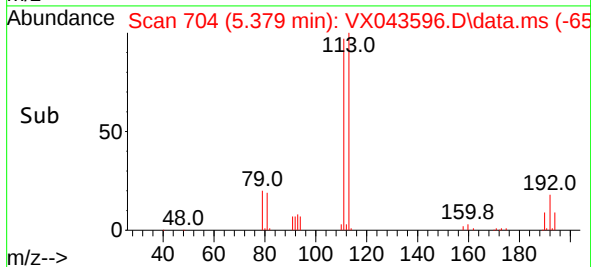
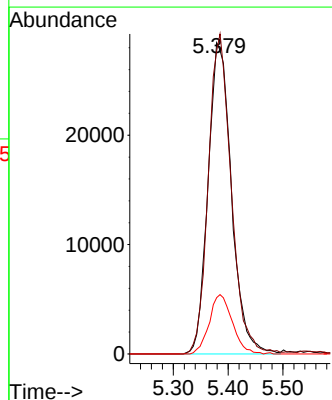
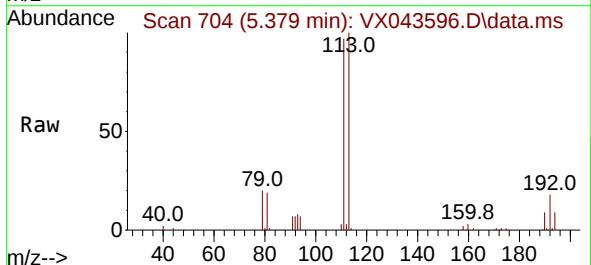
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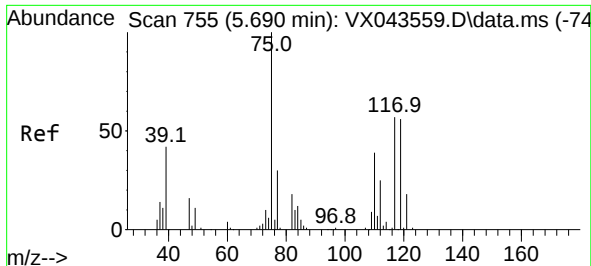
Tgt Ion:114 Resp: 270530
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.2
88 15.6 0.0 34.0



#35
Dibromofluoromethane
Concen: 46.037 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Tgt Ion:113 Resp: 84453
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.0
192 18.8 14.1 21.1

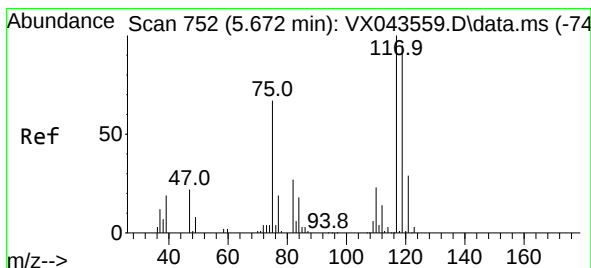
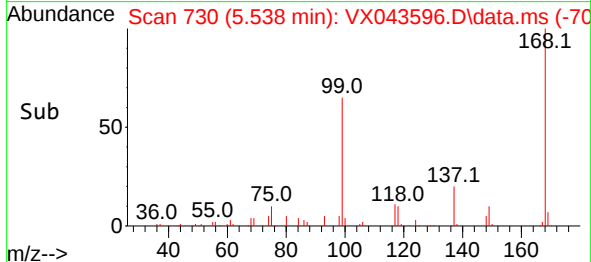
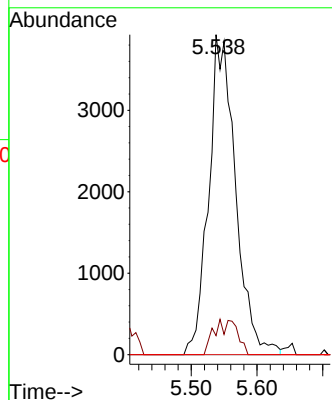
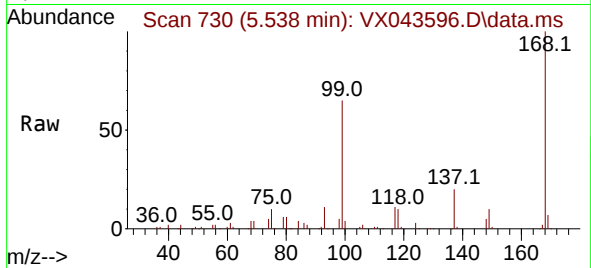




#36
1,1-Dichloropropene
Concen: 5.133 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

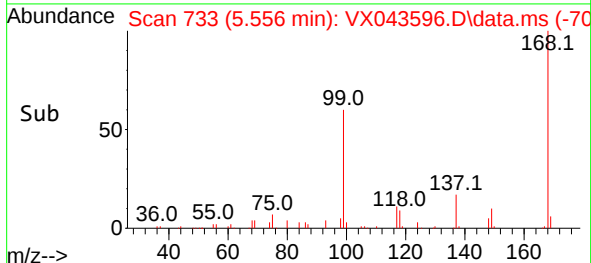
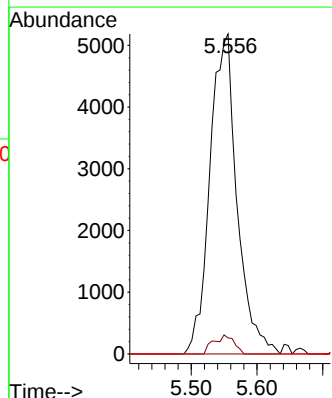
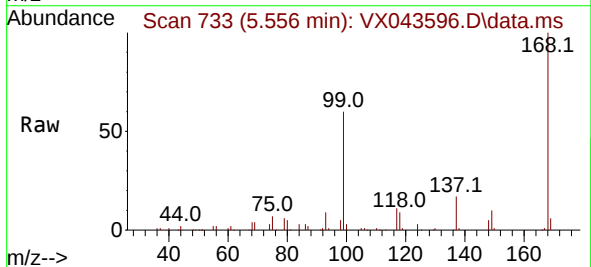
Instrument :
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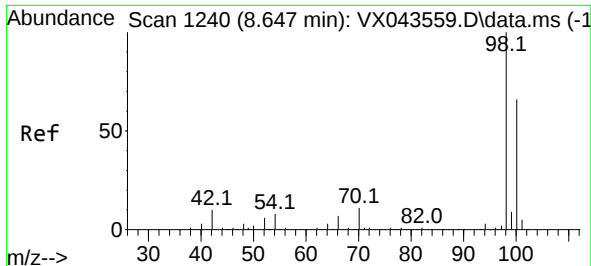
Tgt Ion: 75 Resp: 11166
Ion Ratio Lower Upper
75 100
110 9.4 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.202 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Tgt Ion: 117 Resp: 14907
Ion Ratio Lower Upper
117 100
119 5.0 77.0 115.6#
121 0.0 24.7 37.1#

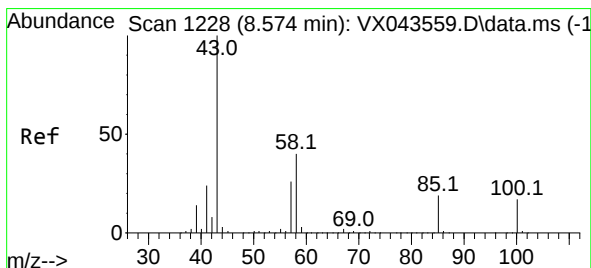
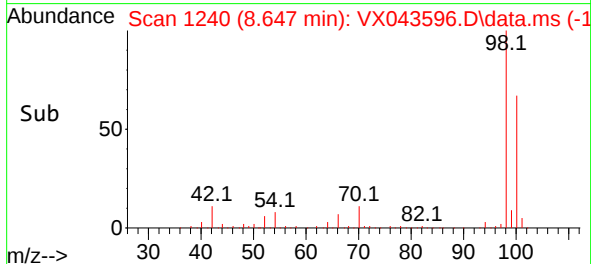
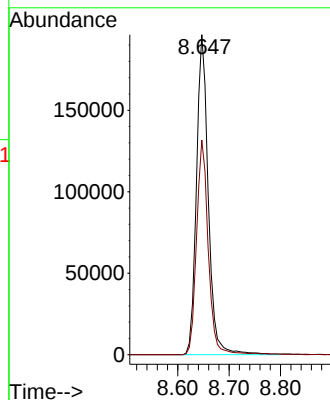
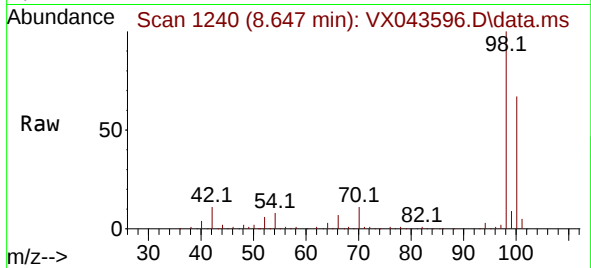




#50
Toluene-d8
Concen: 49.571 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

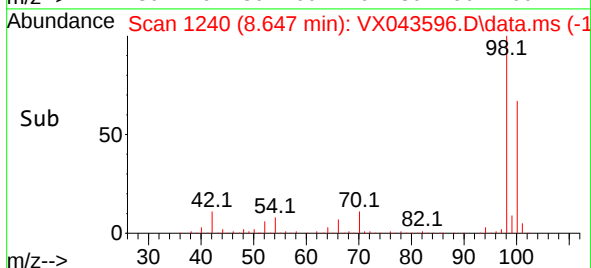
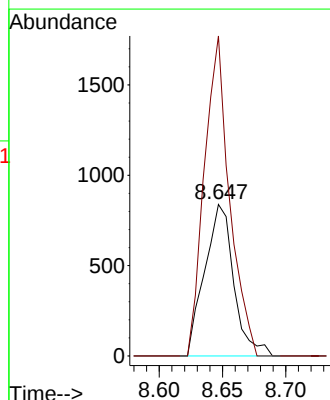
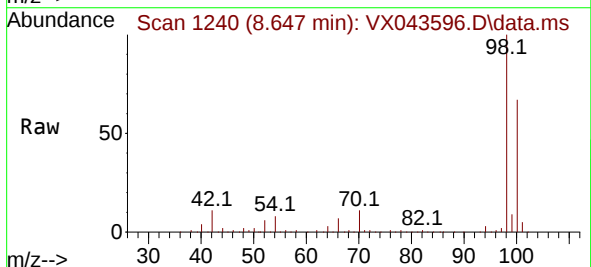
Instrument :
MSVOA_X
ClientSampleId :
MW-4

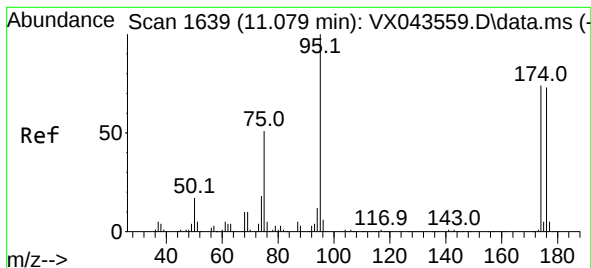
Tgt Ion: 98 Resp: 314788
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
58 183.1 31.7 47.5#

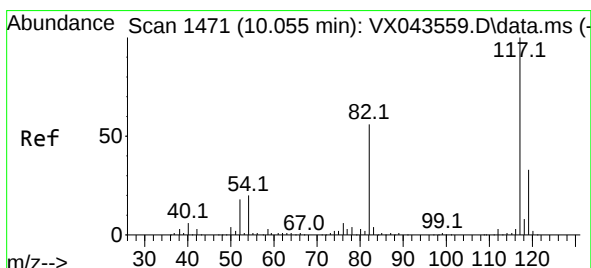
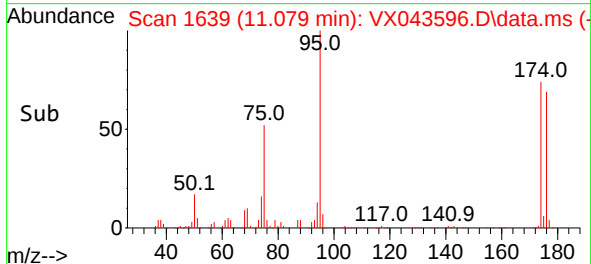
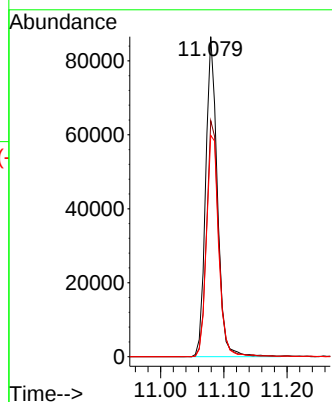
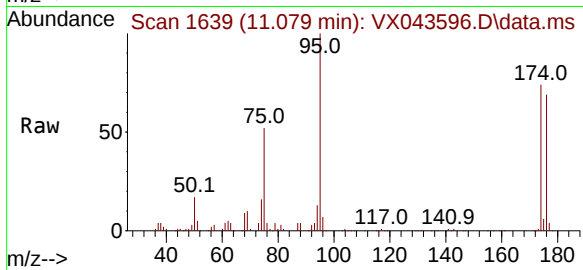




#62
4-Bromofluorobenzene
Concen: 47.359 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

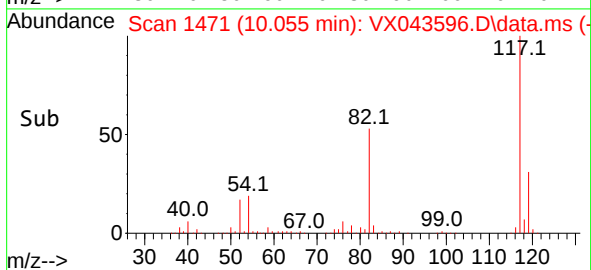
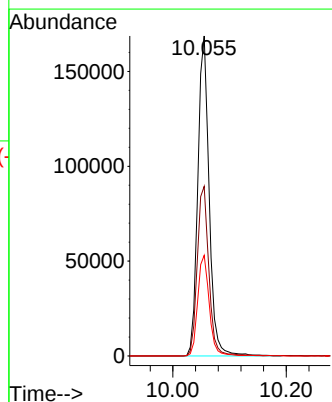
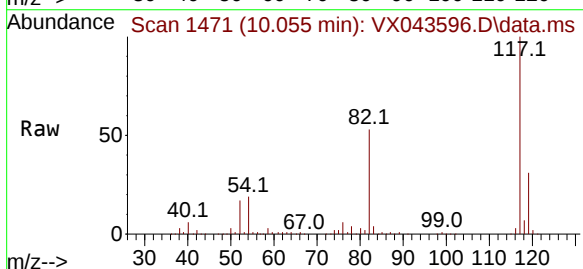
Instrument :
MSVOA_X
ClientSampleId :
MW-4

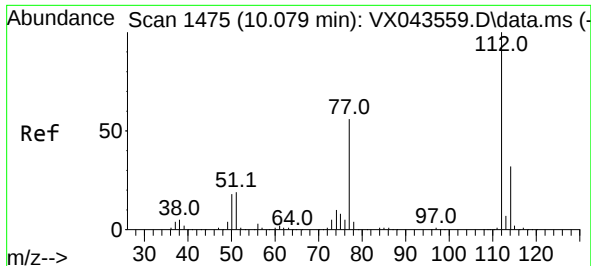
Tgt Ion: 95 Resp: 111439
Ion Ratio Lower Upper
95 100
174 76.0 0.0 146.6
176 72.6 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Tgt Ion: 117 Resp: 234106
Ion Ratio Lower Upper
117 100
82 53.0 42.1 63.1
119 31.5 25.4 38.2





#65

Chlorobenzene

Concen: 0.282 ug/l

RT: 10.086 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX043596.D

Acq: 29 Oct 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

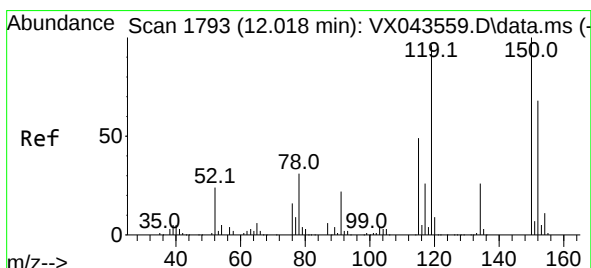
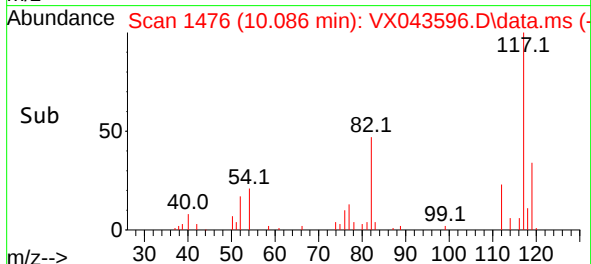
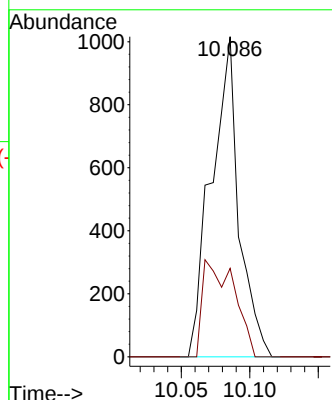
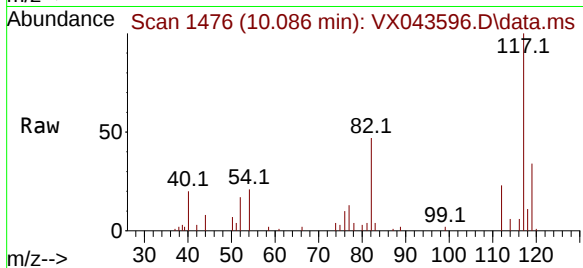
MW-4

Tgt Ion:112 Resp: 1419

Ion Ratio Lower Upper

112 100

114 27.7 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043596.D

Acq: 29 Oct 2024 14:52

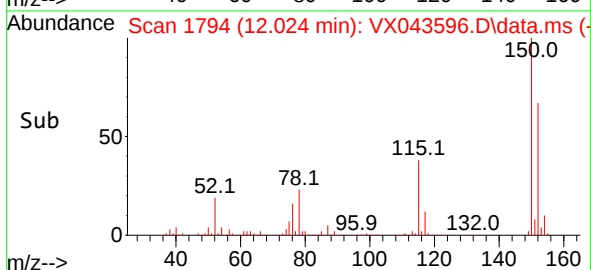
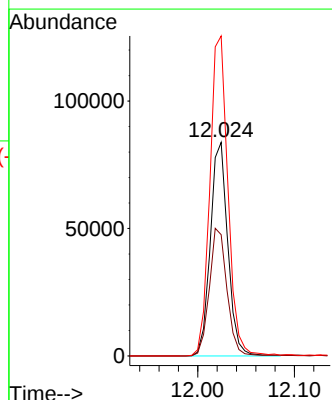
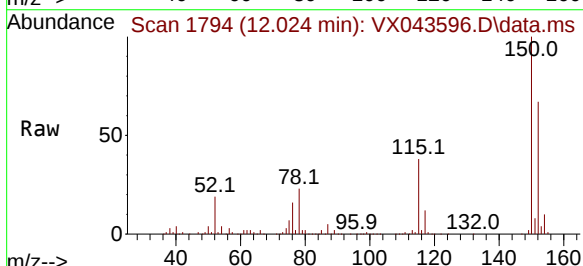
Tgt Ion:152 Resp: 105382

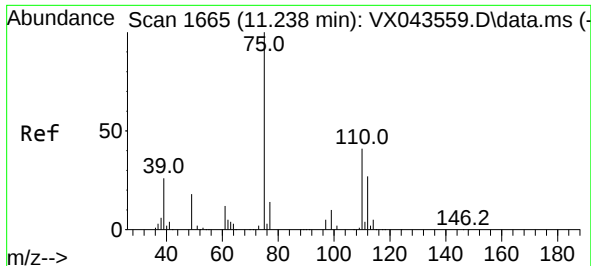
Ion Ratio Lower Upper

152 100

115 60.3 42.9 128.7

150 155.2 0.0 343.6

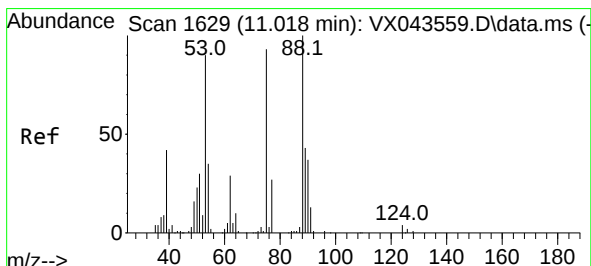
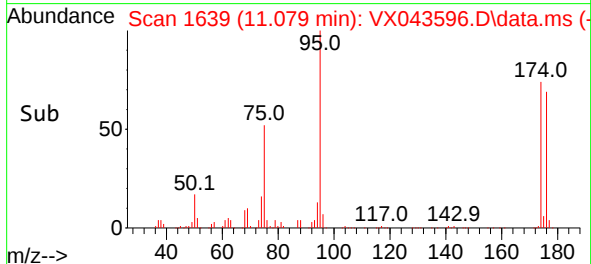
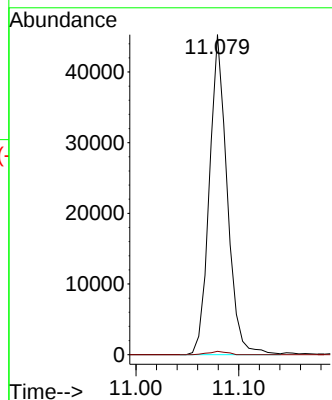
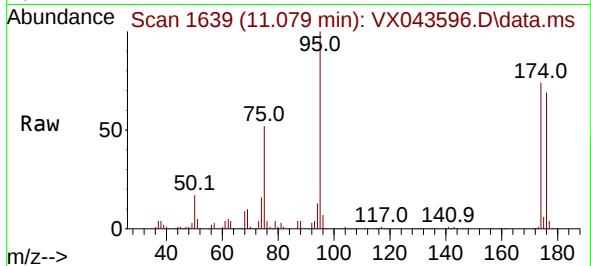




#76
1,2,3-Trichloropropane
Concen: 24.126 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 54362
Ion Ratio Lower Upper
75 100
77 1.1 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043596.D
Acq: 29 Oct 2024 14:52

Tgt Ion: 75 Resp: 54362
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.1 38.6 58.0#

