

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043595.D
 Acq On : 29 Oct 2024 14:29
 Operator : JC/MD
 Sample : P4548-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Oct 30 01:32:18 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)

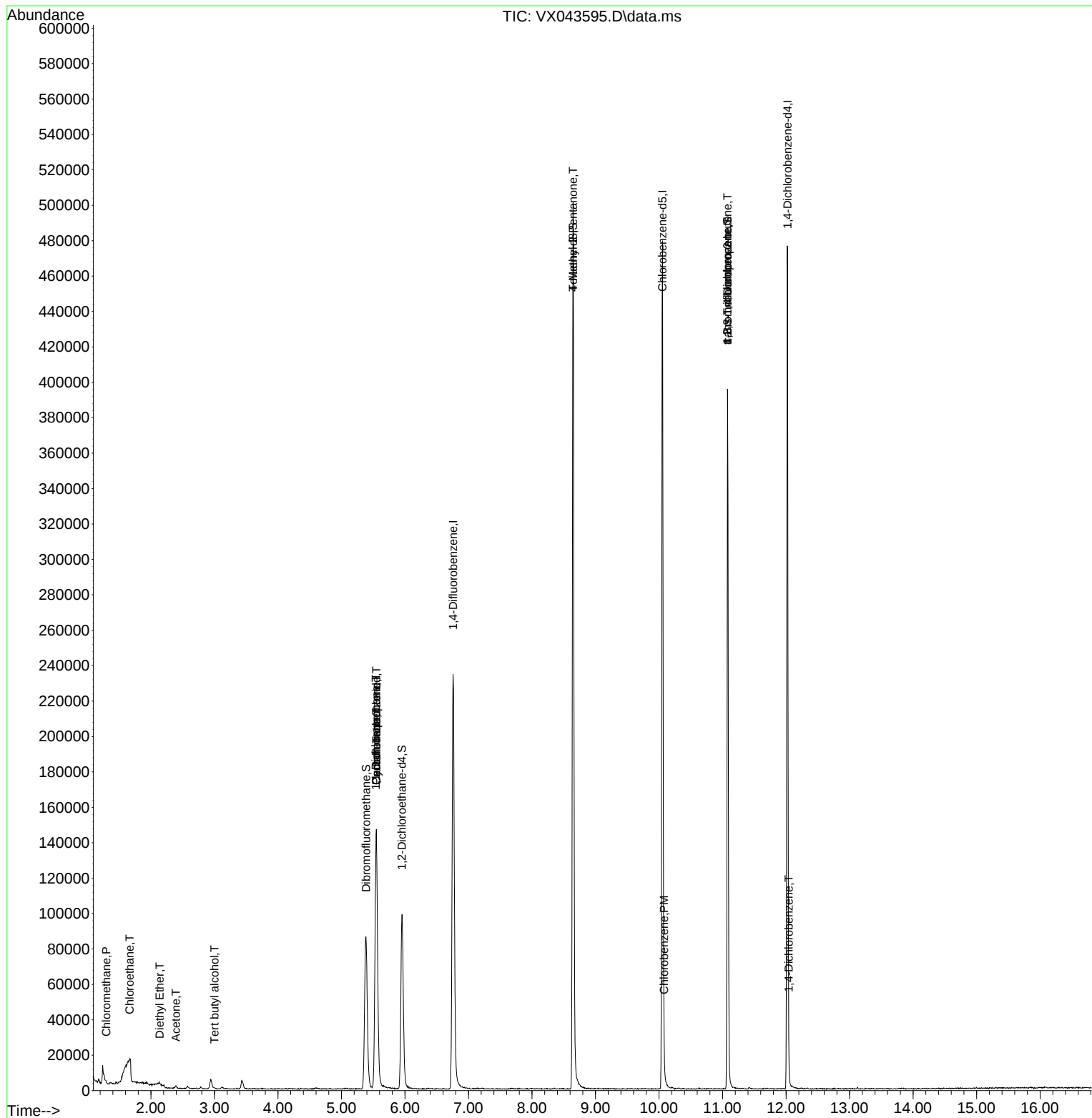
Internal Standards						
1) Pentafluorobenzene	5.550	168	141379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	261836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95851	42.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.040%
35) Dibromofluoromethane	5.385	113	80540	45.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.647	98	308673	50.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.079	95	111029	48.751	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	421	0.218	ug/l #	86
6) Chloroethane	1.666	64	732	1.158	ug/l #	43
8) Diethyl Ether	2.136	74	361	0.357	ug/l	51
11) Tert butyl alcohol	3.002	59	523	1.243	ug/l #	100
16) Acetone	2.392	43	1570	1.754	ug/l	90
31) Cyclohexane	5.550	56	2690	1.130	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11196	5.318	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14496	6.232	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1317	0.511	ug/l #	1
65) Chlorobenzene	10.080	112	1187	0.237	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	54805	24.597	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	54805	67.667	ug/l #	7
88) 1,4-Dichlorobenzene	12.043	146	789	0.223	ug/l #	41

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

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Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

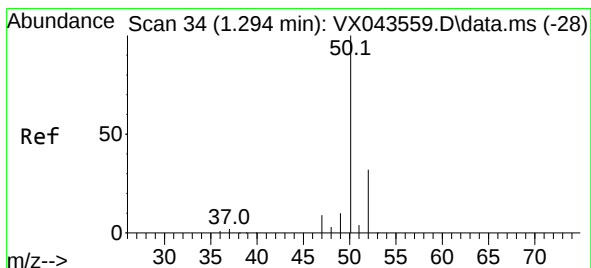
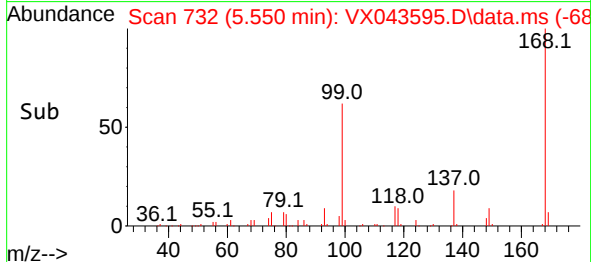
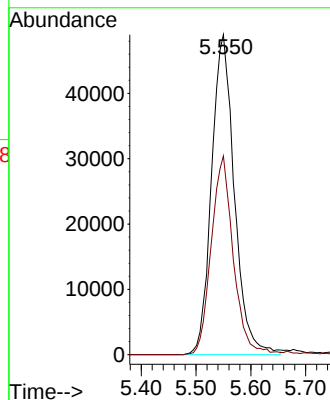
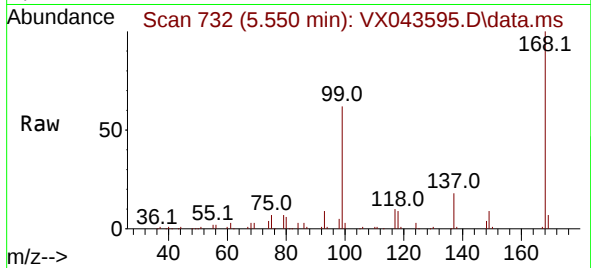




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

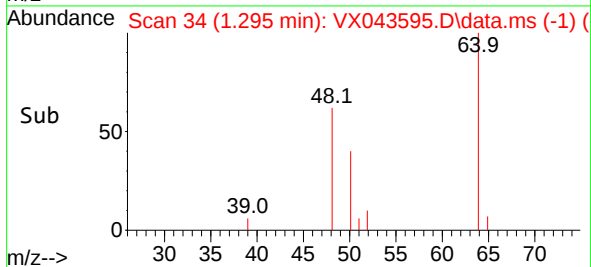
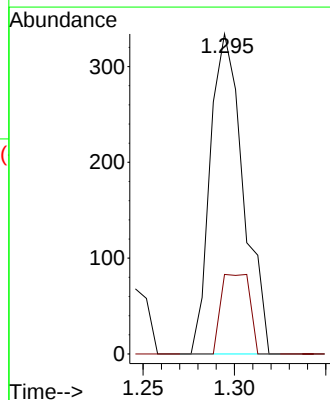
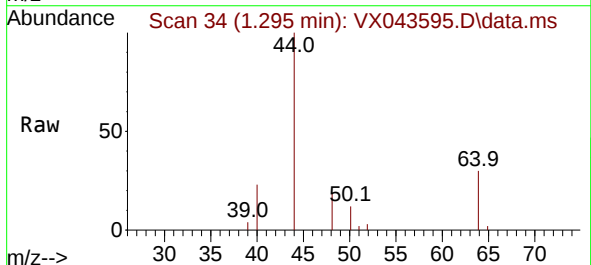
Instrument :
MSVOA_X
ClientSampleId :
MW-3

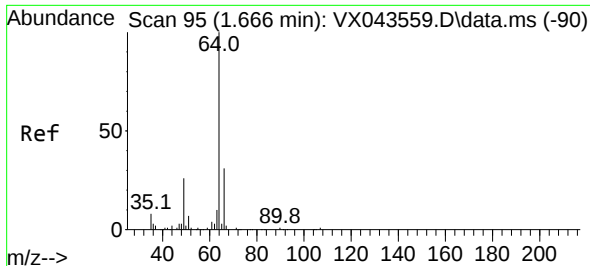
Tgt Ion:168 Resp: 141379
Ion Ratio Lower Upper
168 100
99 62.1 52.6 78.8



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

Tgt Ion: 50 Resp: 421
Ion Ratio Lower Upper
50 100
52 24.9 26.3 39.5

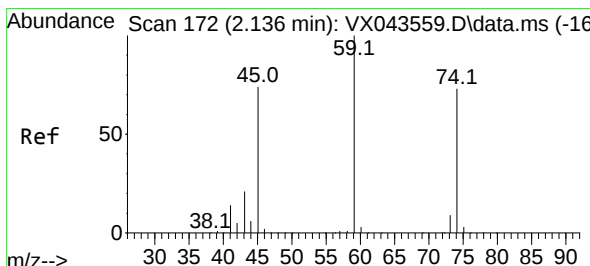
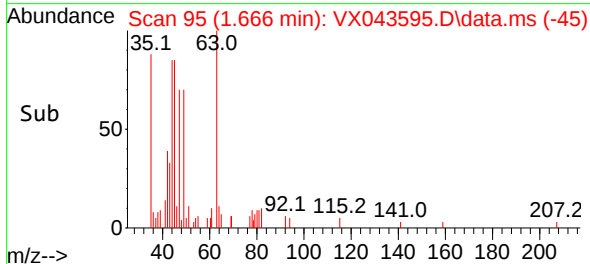
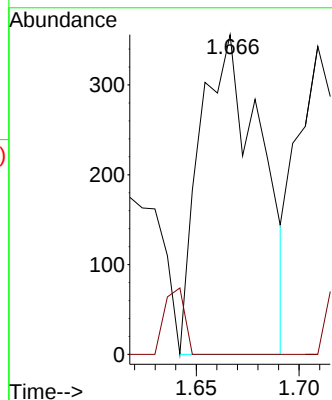
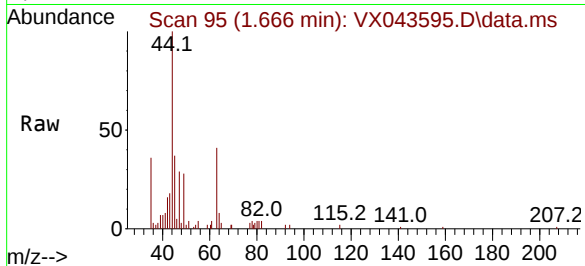




#6
Chloroethane
Concen: 1.158 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

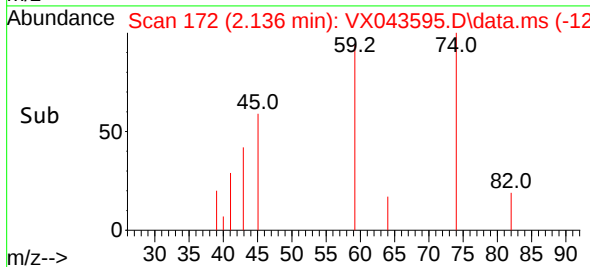
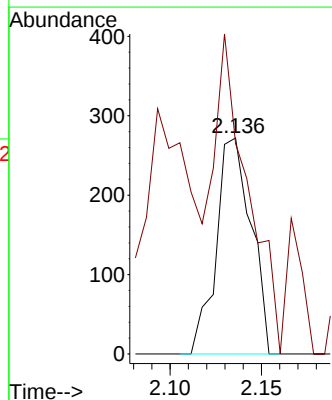
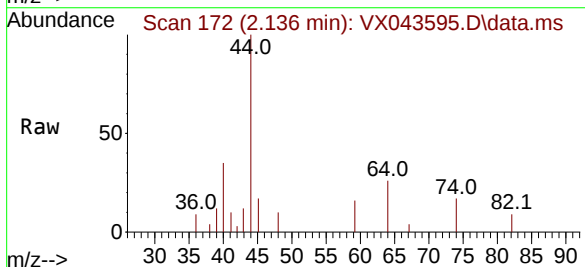
Instrument :
MSVOA_X
ClientSampleId :
MW-3

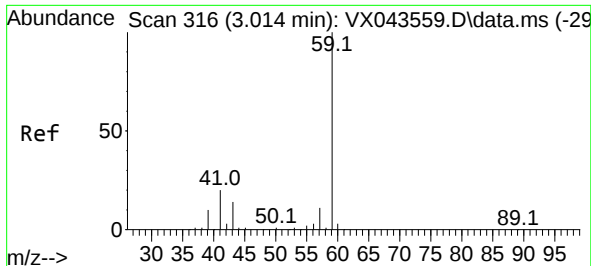
Tgt Ion: 64 Resp: 732
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#8
Diethyl Ether
Concen: 0.357 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

Tgt Ion: 74 Resp: 361
Ion Ratio Lower Upper
74 100
45 142.4 47.5 142.5





#11

Tert butyl alcohol

Concen: 1.243 ug/l

RT: 3.002 min Scan# 316

Delta R.T. -0.048 min

Lab File: VX043595.D

Acq: 29 Oct 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

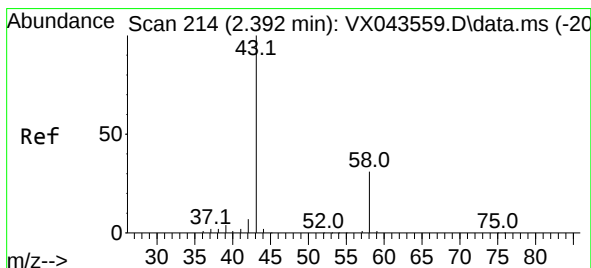
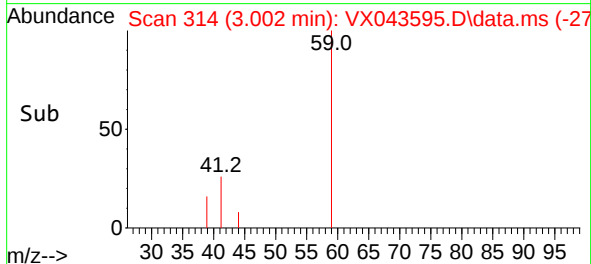
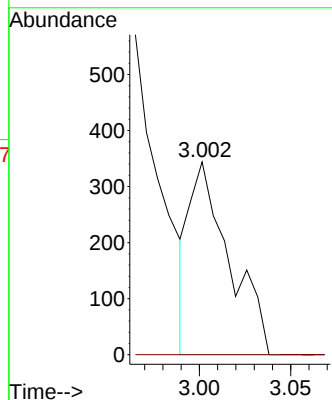
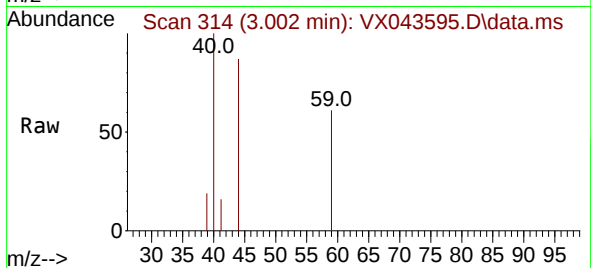
MW-3

Tgt Ion: 59 Resp: 523

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#16

Acetone

Concen: 1.754 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX043595.D

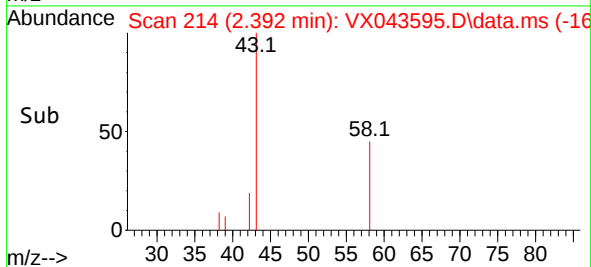
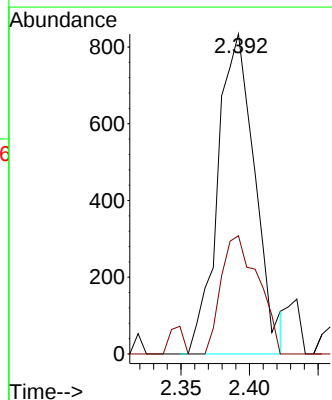
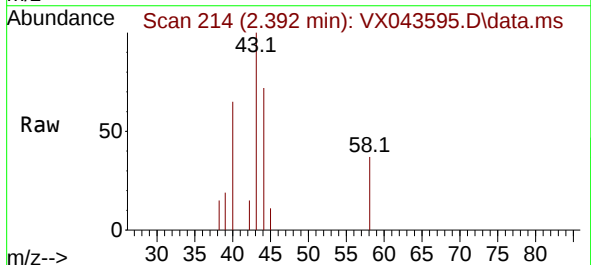
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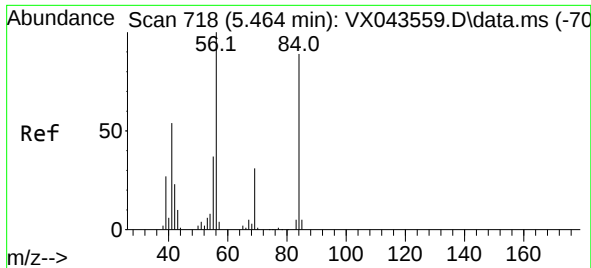
Tgt Ion: 43 Resp: 1570

Ion Ratio Lower Upper

43 100

58 36.9 25.1 37.7

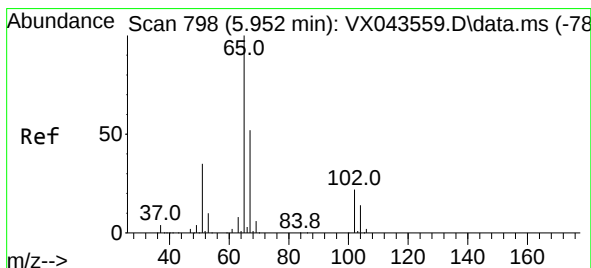
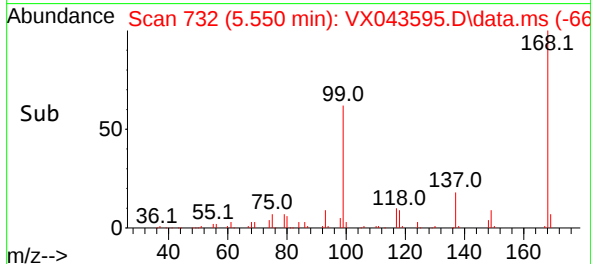
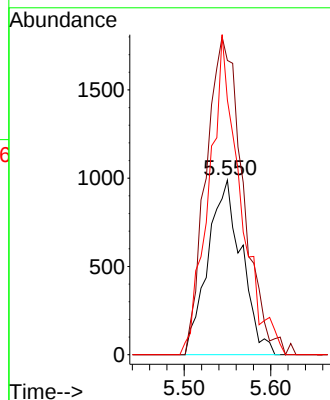
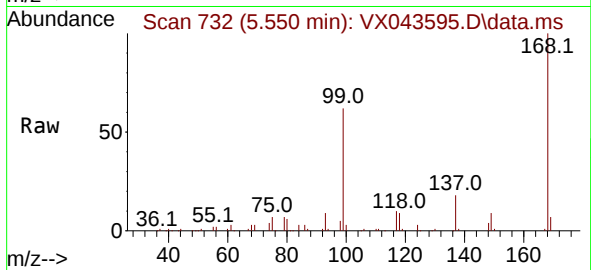




#31
Cyclohexane
Concen: 1.130 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

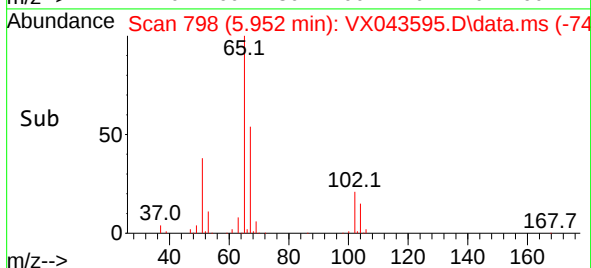
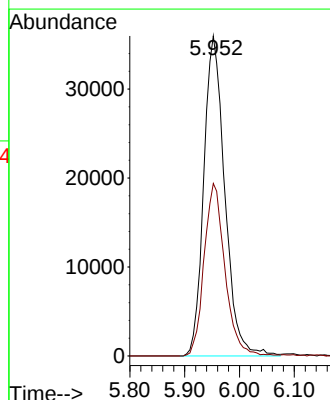
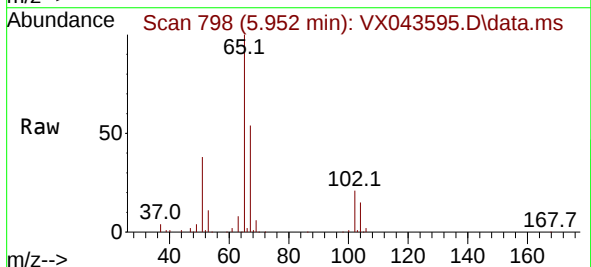
Instrument :
MSVOA_X
ClientSampleId :
MW-3

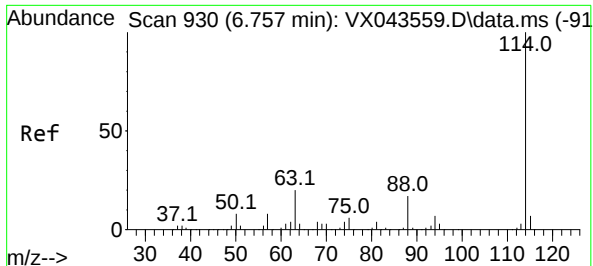
Tgt Ion: 56 Resp: 2690
Ion Ratio Lower Upper
56 100
69 168.6 24.9 37.3#
84 145.8 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 42.519 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

Tgt Ion: 65 Resp: 95851
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.4

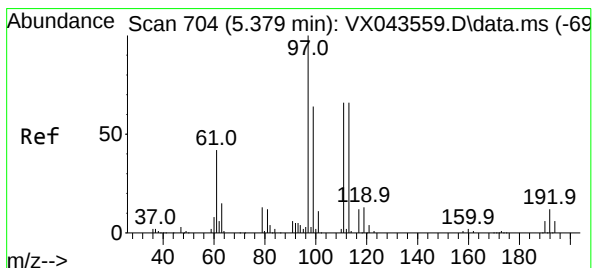
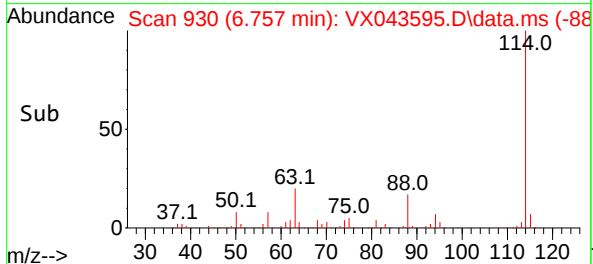
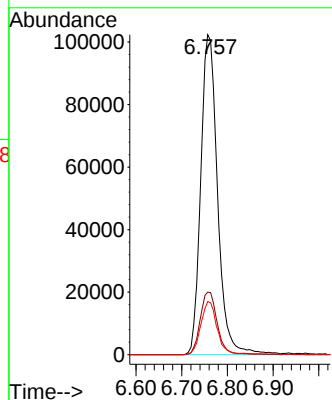
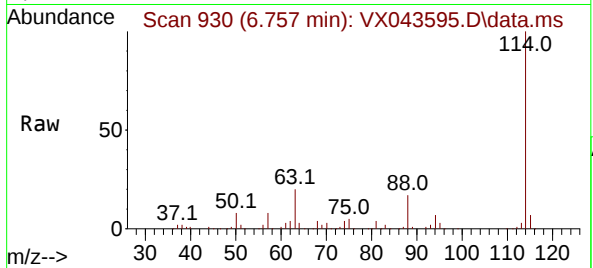




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

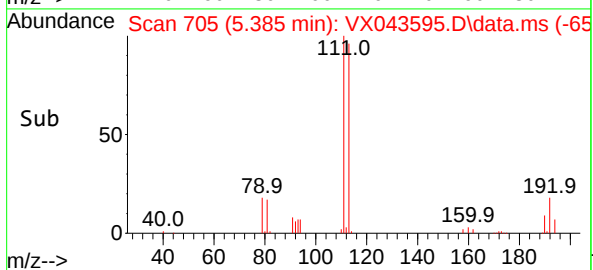
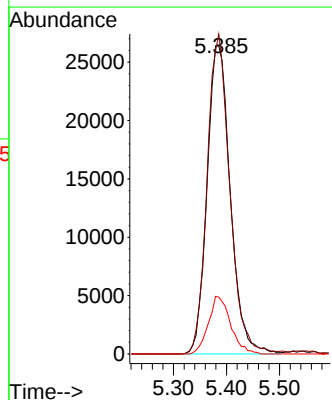
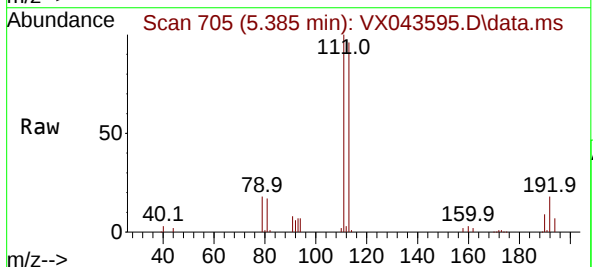
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MW-3

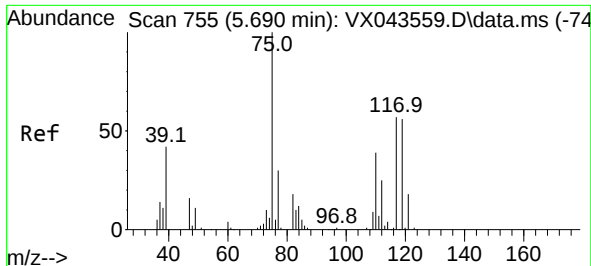
Tgt Ion:114 Resp: 261836
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.2
88 16.6 0.0 34.0



#35
Dibromofluoromethane
Concen: 45.362 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

Tgt Ion:113 Resp: 80540
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 17.8 14.1 21.1

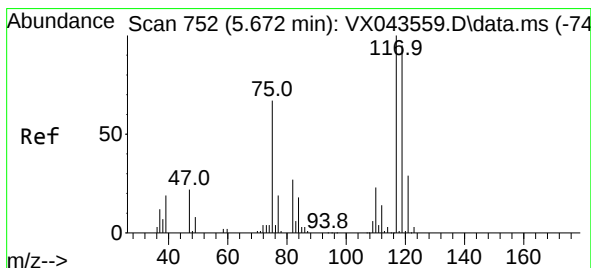
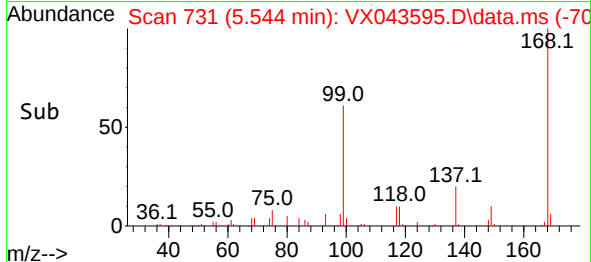
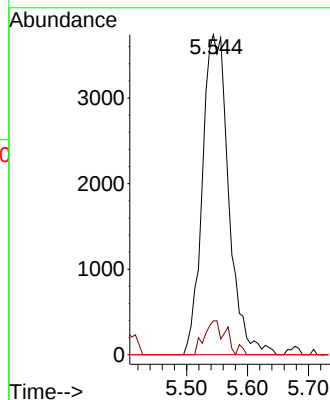
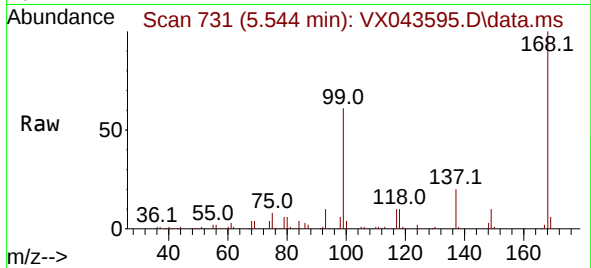




#36
1,1-Dichloropropene
Concen: 5.318 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

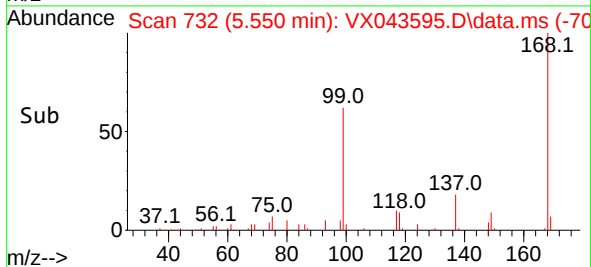
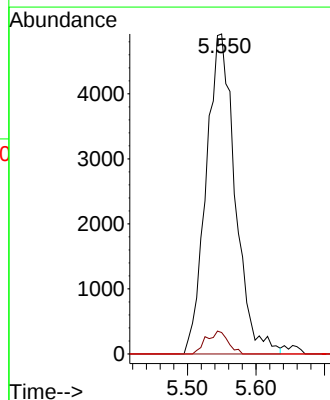
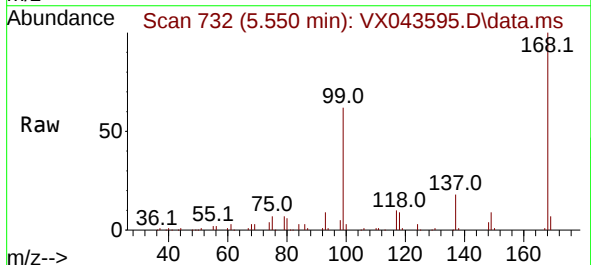
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MW-3

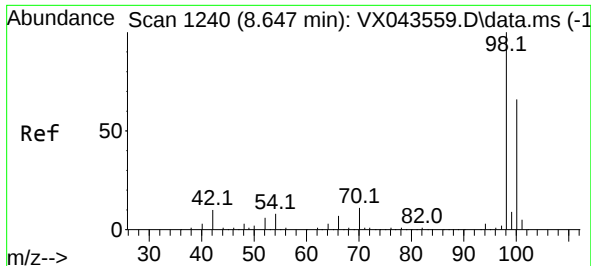
Tgt Ion: 75 Resp: 11196
Ion Ratio Lower Upper
75 100
110 8.3 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.232 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

Tgt Ion: 117 Resp: 14496
Ion Ratio Lower Upper
117 100
119 6.7 77.0 115.6#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 50.222 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043595.D

Acq: 29 Oct 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

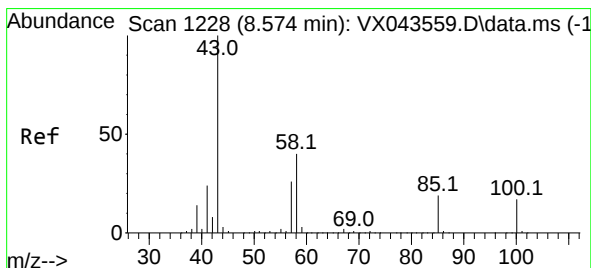
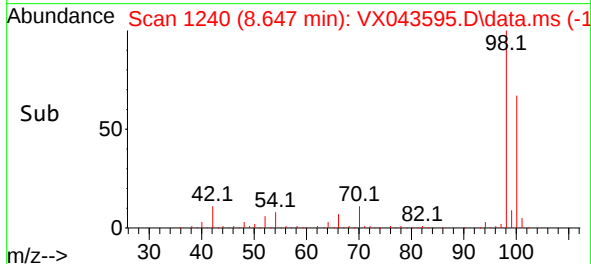
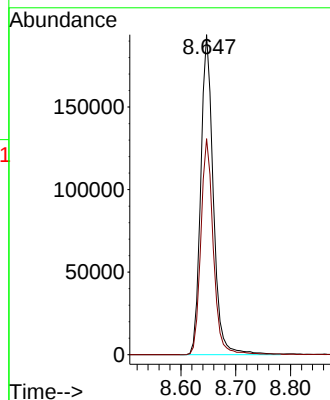
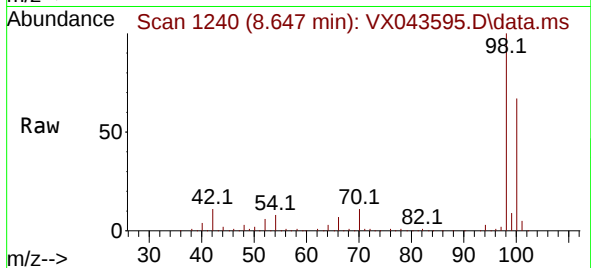
MW-3

Tgt Ion: 98 Resp: 308673

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2



#51

4-Methyl-2-Pentanone

Concen: 0.511 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX043595.D

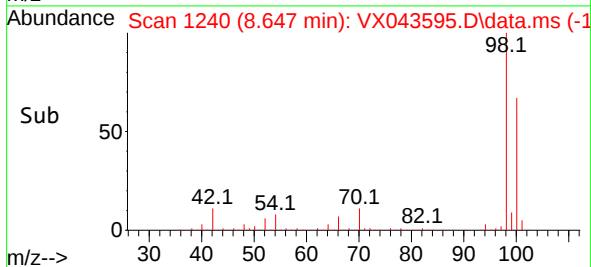
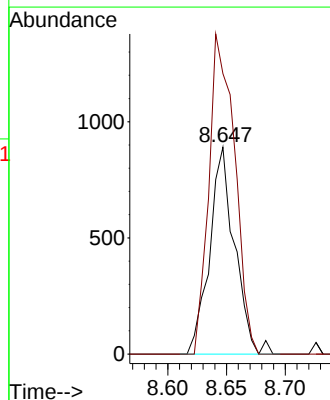
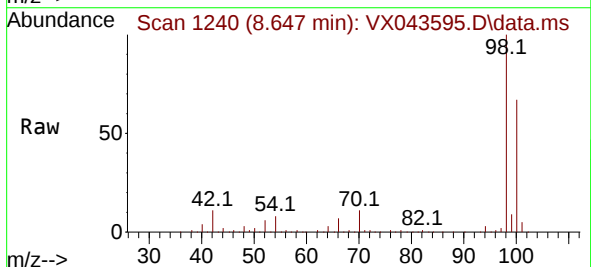
Acq: 29 Oct 2024 14:29

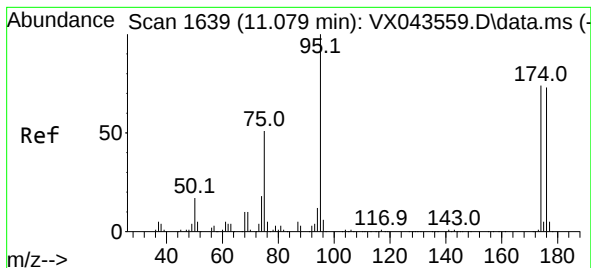
Tgt Ion: 43 Resp: 1317

Ion Ratio Lower Upper

43 100

58 160.2 31.7 47.5#

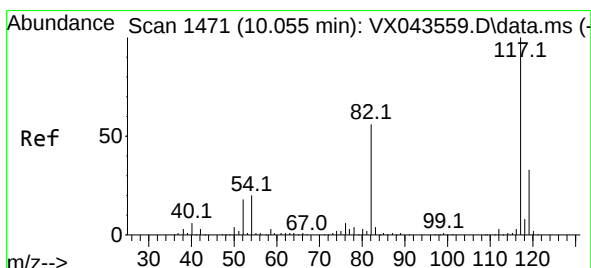
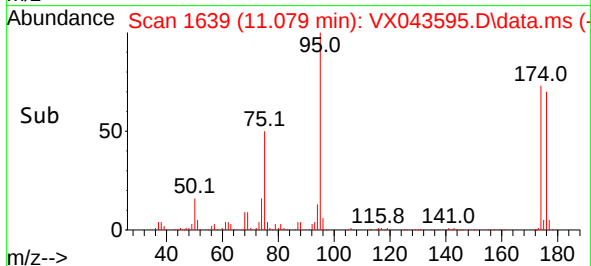
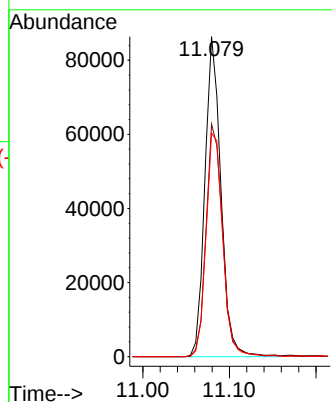
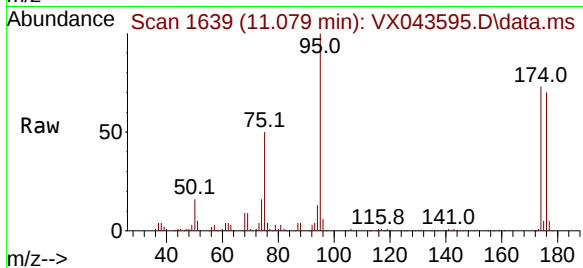




#62
4-Bromofluorobenzene
Concen: 48.751 ug/l
RT: 11.079 min Scan# 11029
Delta R.T. 0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

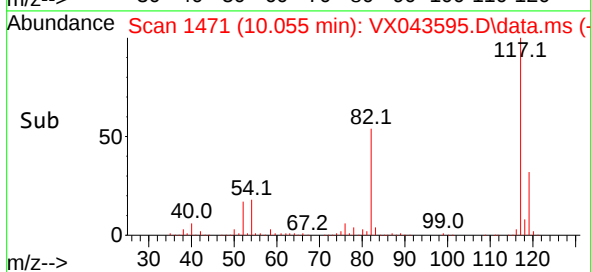
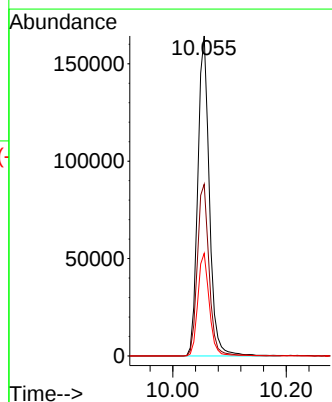
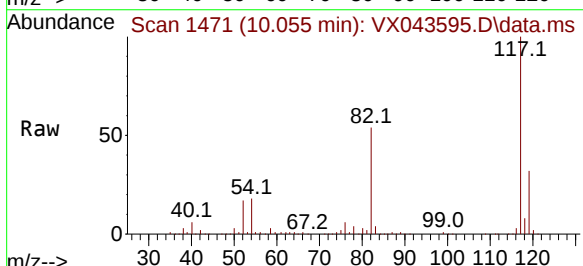
Instrument :
MSVOA_X
ClientSampleId :
MW-3

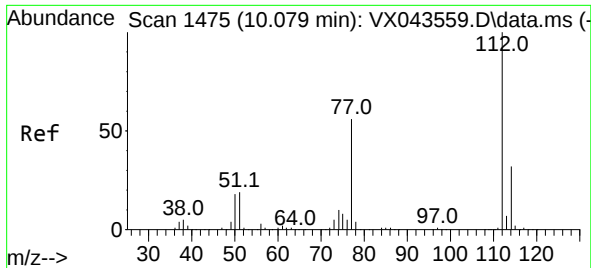
Tgt Ion: 95 Resp: 111029
Ion Ratio Lower Upper
95 100
174 74.6 0.0 146.6
176 73.1 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

Tgt Ion: 117 Resp: 233166
Ion Ratio Lower Upper
117 100
82 53.7 42.1 63.1
119 32.1 25.4 38.2

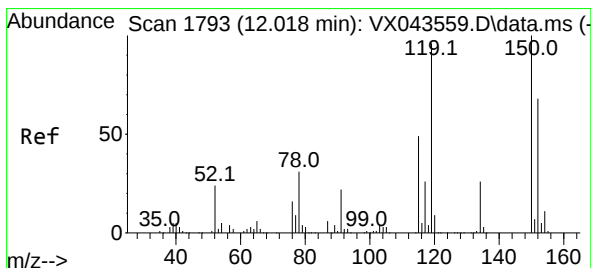
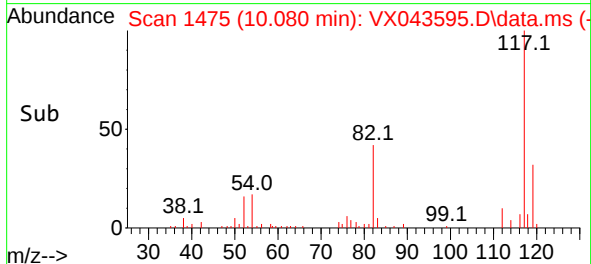
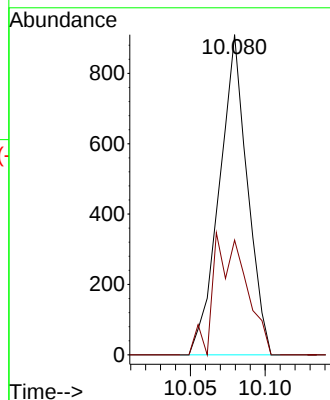
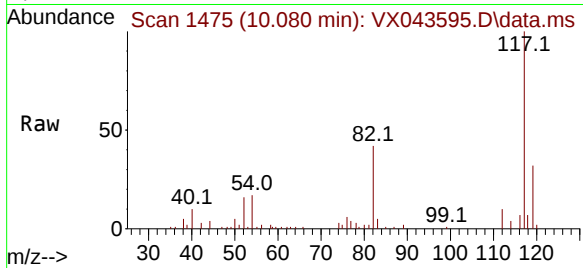




#65
Chlorobenzene
Concen: 0.237 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

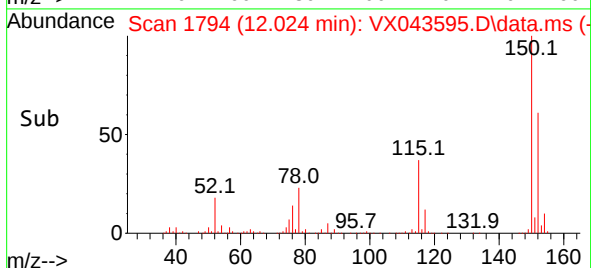
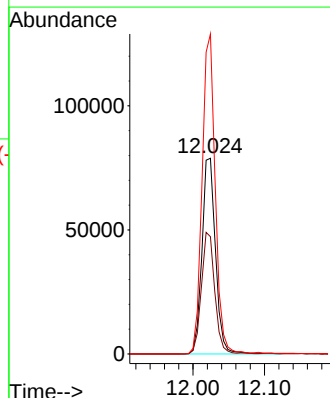
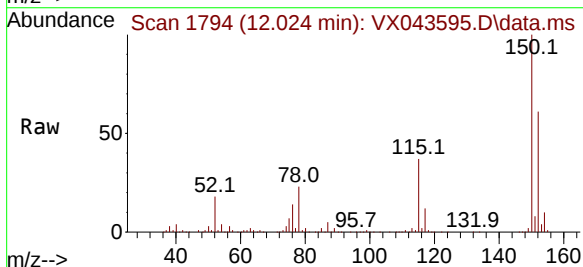
Instrument :
MSVOA_X
ClientSampleId :
MW-3

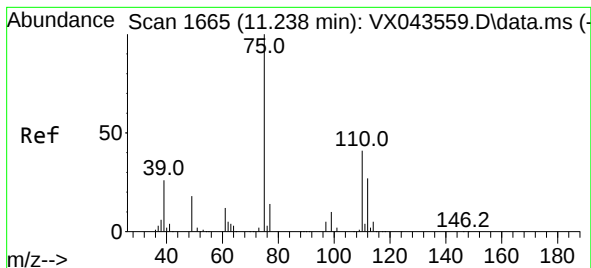
Tgt Ion:112 Resp: 1187
Ion Ratio Lower Upper
112 100
114 35.8 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043595.D
Acq: 29 Oct 2024 14:29

Tgt Ion:152 Resp: 104208
Ion Ratio Lower Upper
152 100
115 61.2 42.9 128.7
150 157.4 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 24.597 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043595.D

Acq: 29 Oct 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

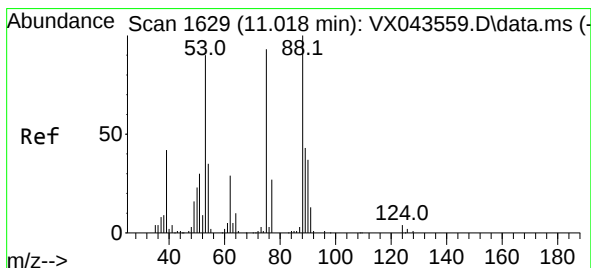
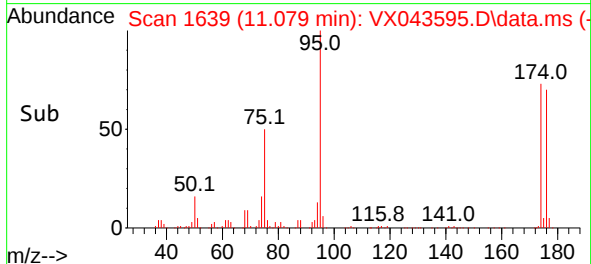
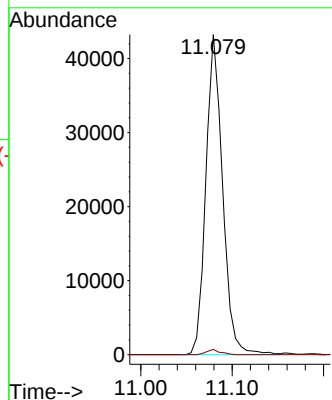
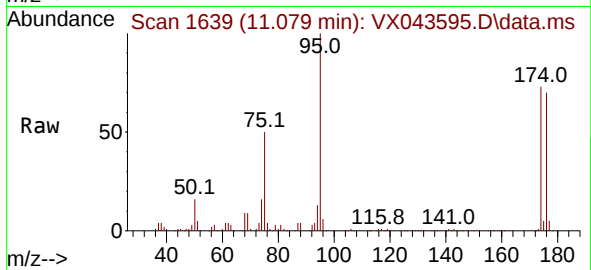
MW-3

Tgt Ion: 75 Resp: 54805

Ion Ratio Lower Upper

75 100

77 1.3 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.667 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043595.D

Acq: 29 Oct 2024 14:29

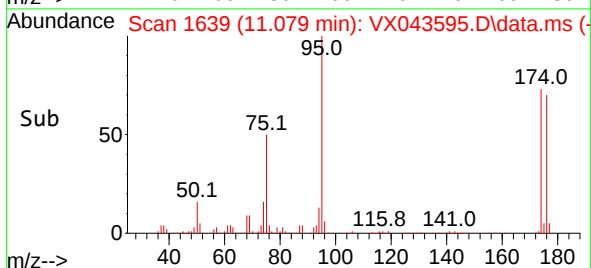
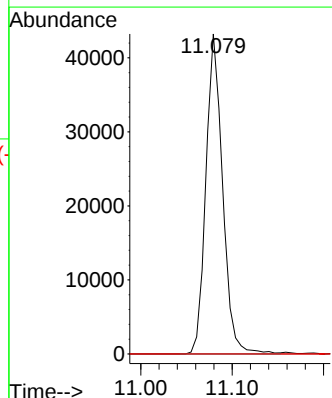
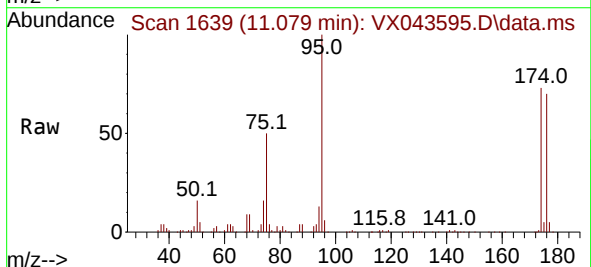
Tgt Ion: 75 Resp: 54805

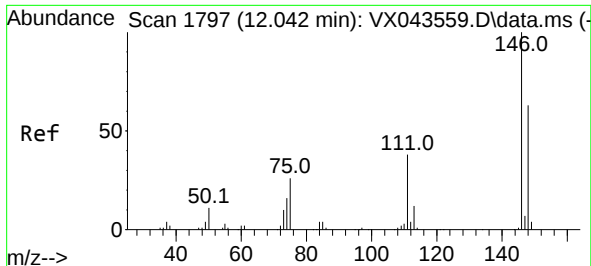
Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

89 0.0 38.6 58.0#





#88

1,4-Dichlorobenzene

Concen: 0.223 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043595.D

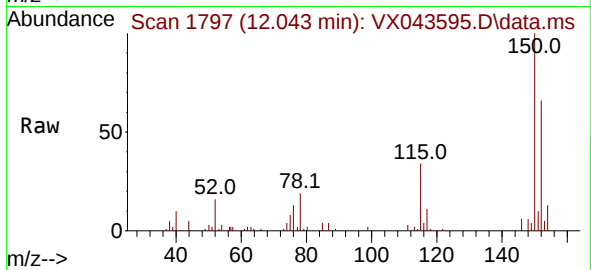
Acq: 29 Oct 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

MW-3



Tgt Ion:146 Resp: 789

Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.3#

148 107.0 31.9 95.9#

