

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032146.D
 Acq On : 14 Oct 2022 19:43
 Operator : JC/MD
 Sample : N5145-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9-101322RE

Quant Time: Oct 17 02:29:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

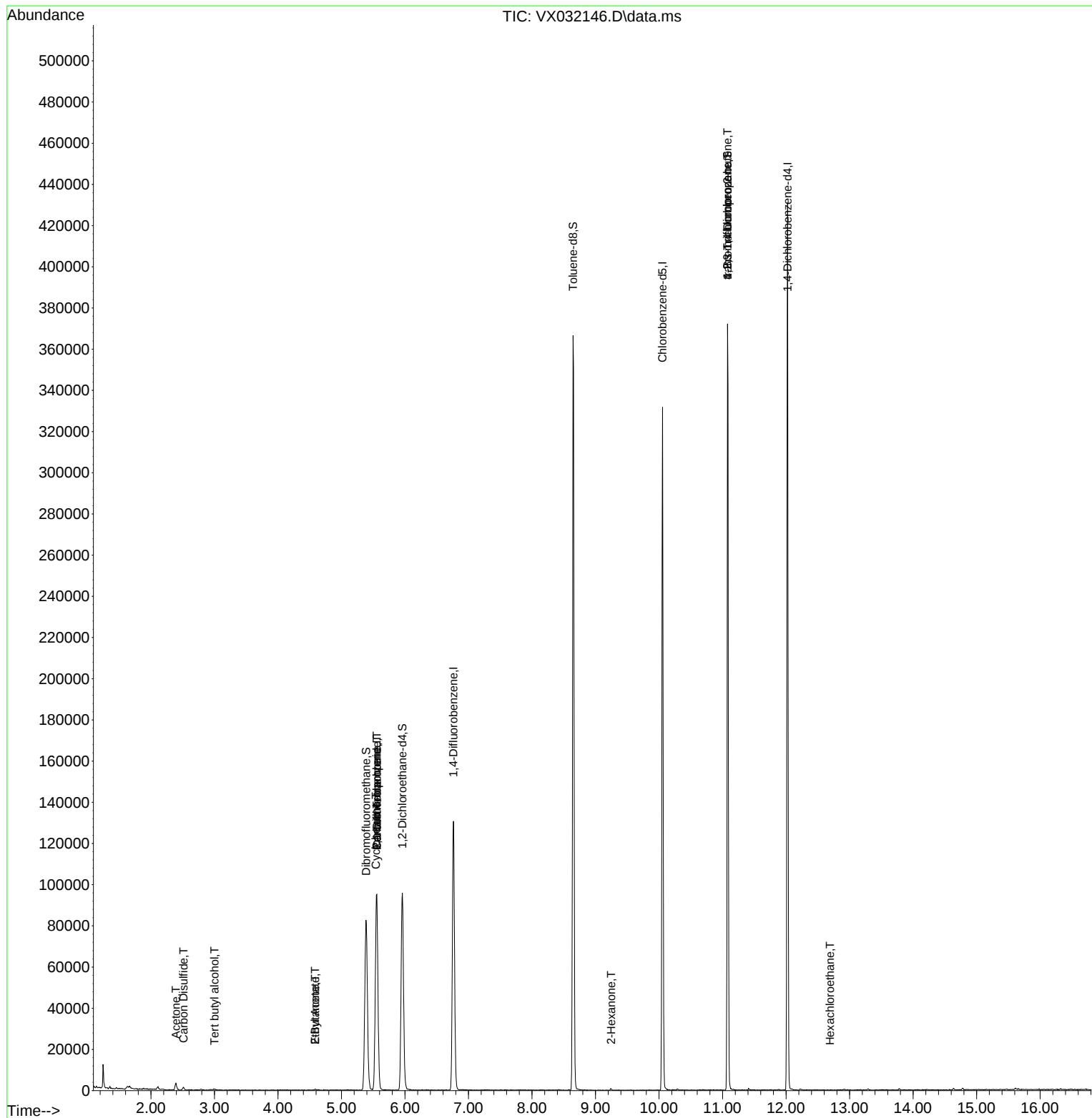
Internal Standards						
1) Pentafluorobenzene	5.556	168	85747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94724	53.491	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.980%	
35) Dibromofluoromethane	5.385	113	70047	47.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.960%	
50) Toluene-d8	8.647	98	217662	41.430	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 82.860%#	
62) 4-Bromofluorobenzene	11.079	95	92105	49.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	327	Below Cal	#	78
11) Tert butyl alcohol	3.002	59	995	4.516	ug/l #	73
16) Acetone	2.392	43	4170	6.929	ug/l	93
17) Carbon Disulfide	2.514	76	1827	0.651	ug/l #	75
25) 2-Butanone	4.587	43	631	0.671	ug/l	96
31) Cyclohexane	5.544	56	2184	1.032	ug/l #	51
36) 1,1-Dichloropropene	5.556	75	7392	3.818	ug/l #	50
37) Ethyl Acetate	4.587	43	631	0.346	ug/l #	68
38) Carbon Tetrachloride	5.556	117	9465	4.781	ug/l #	16
59) 2-Hexanone	9.244	43	512	0.379	ug/l	78
76) 1,2,3-Trichloropropane	11.079	75	52673	31.242	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	52673	106.488	ug/l #	11
90) Hexachloroethane	12.695	117	55	1.372	ug/l #	15

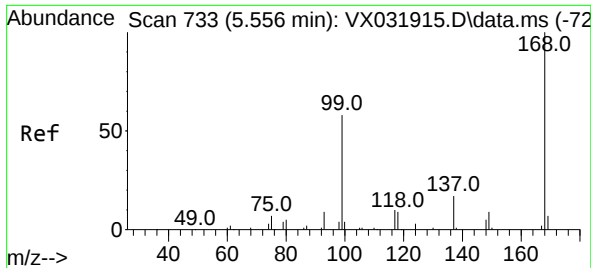
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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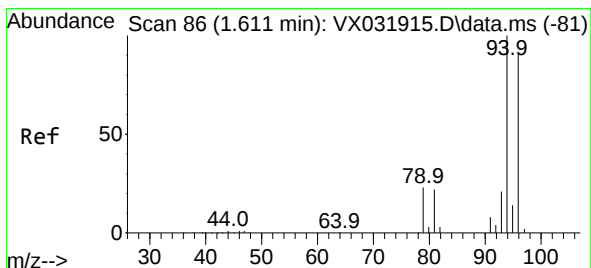
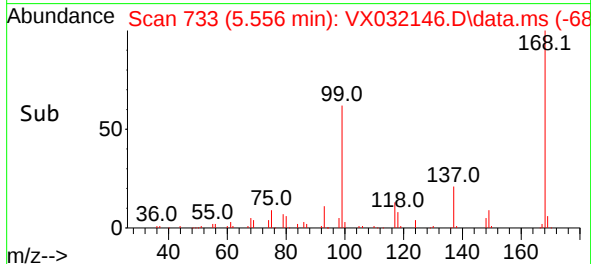
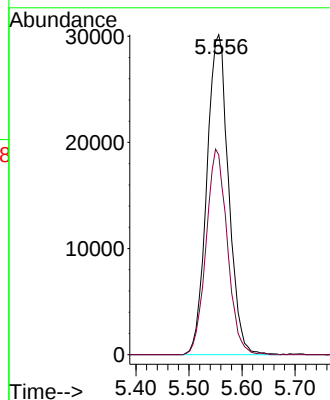
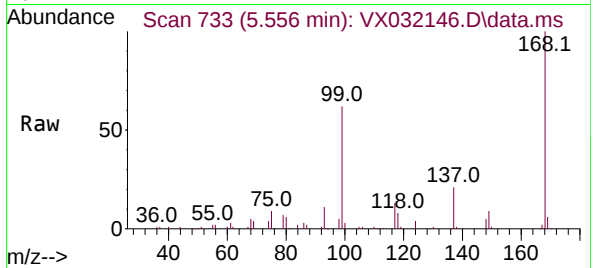




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

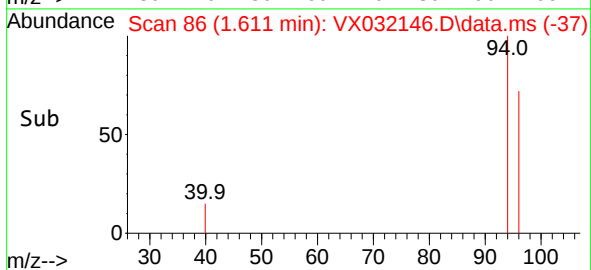
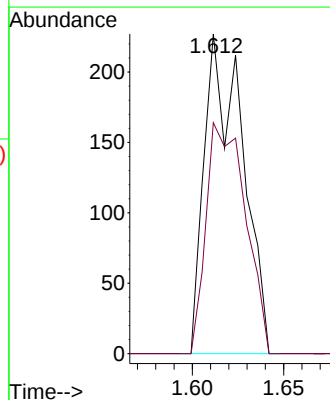
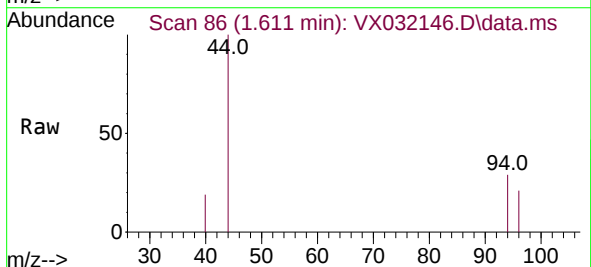
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322RE

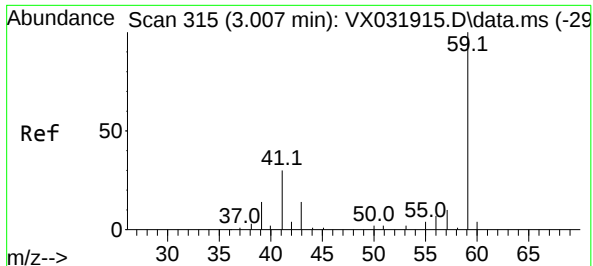
Tgt Ion:168 Resp: 85747
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

Tgt Ion: 94 Resp: 327
Ion Ratio Lower Upper
94 100
96 72.2 74.4 111.6#





#11

Tert butyl alcohol

Concen: 4.516 ug/l

RT: 3.002 min Scan# 315

Delta R.T. -0.006 min

Lab File: VX032146.D

Acq: 14 Oct 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

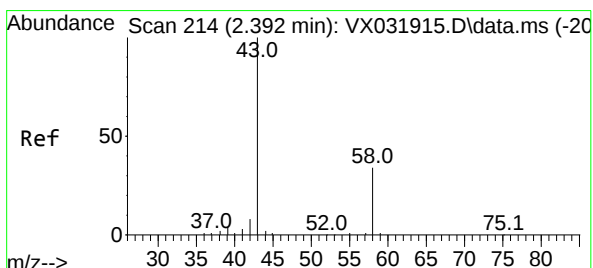
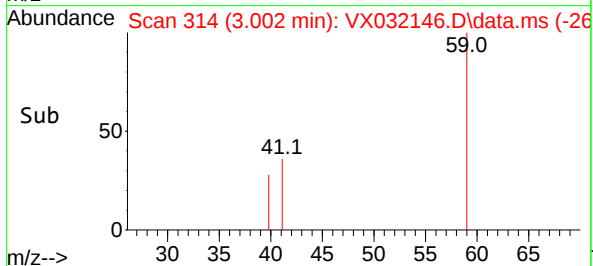
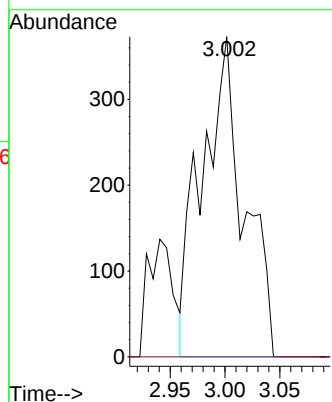
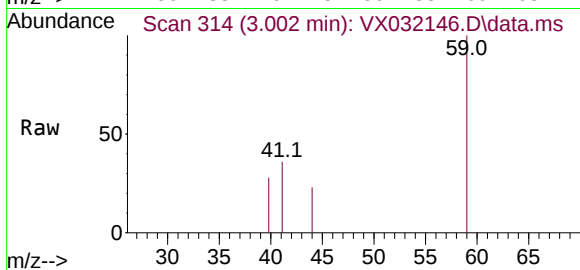
MW-9-101322RE

Tgt Ion: 59 Resp: 995

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 6.929 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX032146.D

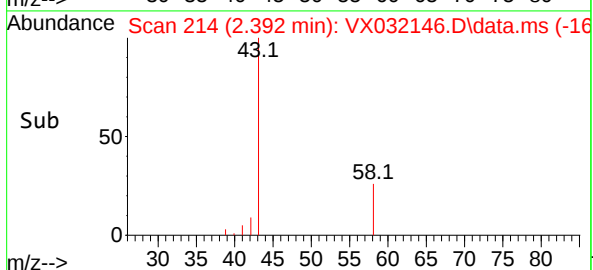
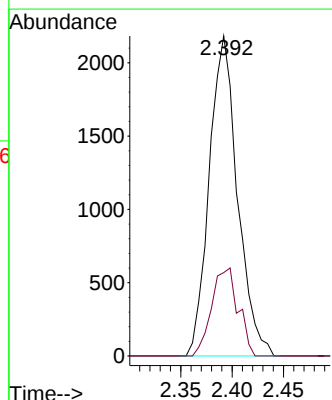
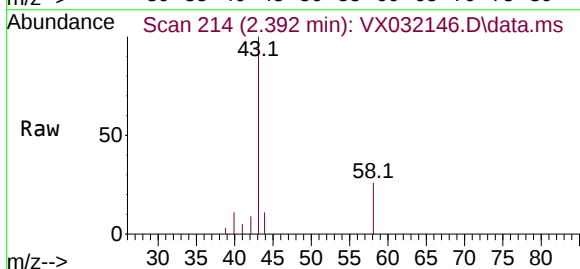
Acq: 14 Oct 2022 19:43

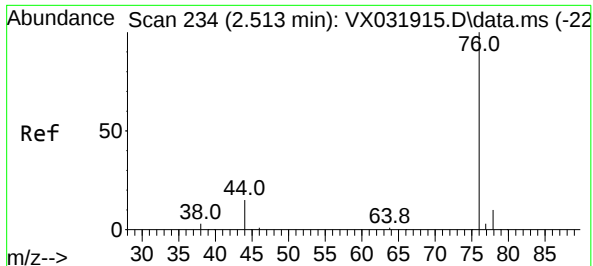
Tgt Ion: 43 Resp: 4170

Ion Ratio Lower Upper

43 100

58 26.1 23.8 35.8

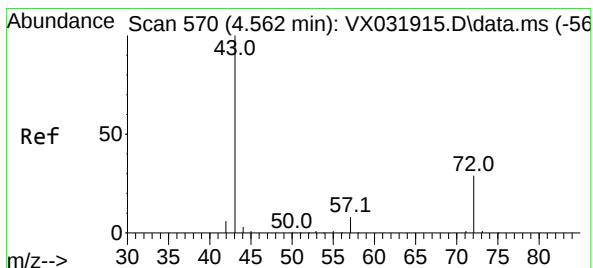
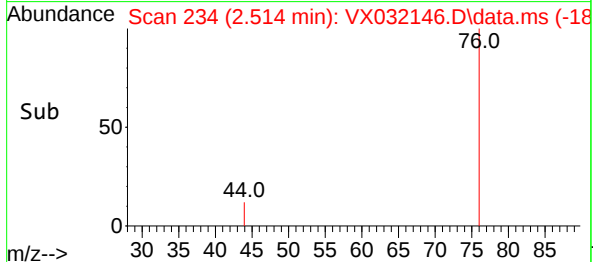
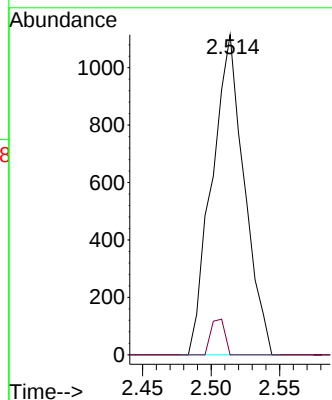
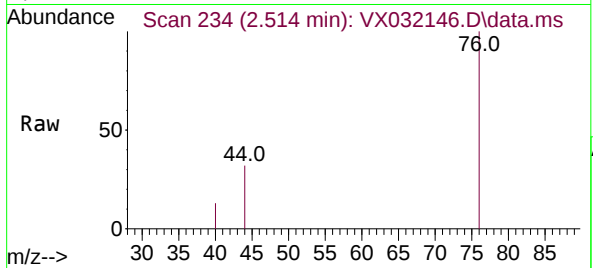




#17
Carbon Disulfide
Concen: 0.651 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

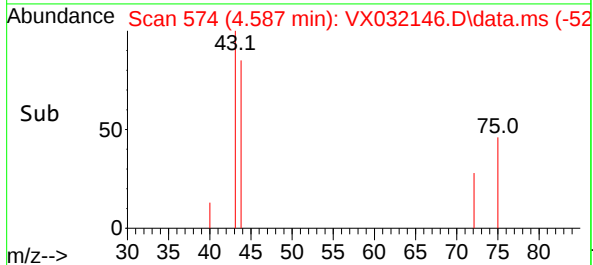
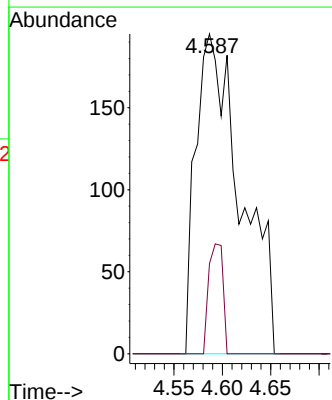
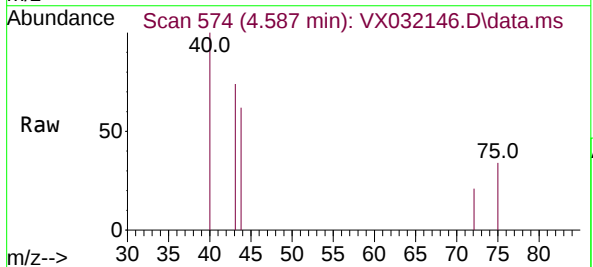
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322RE

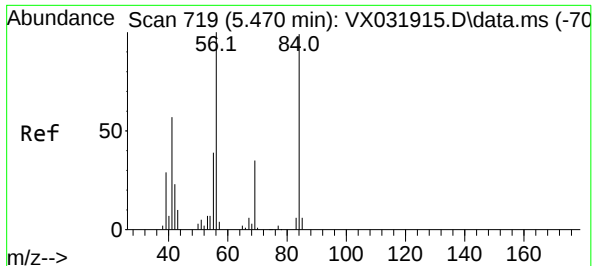
Tgt Ion: 76 Resp: 1827
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.671 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

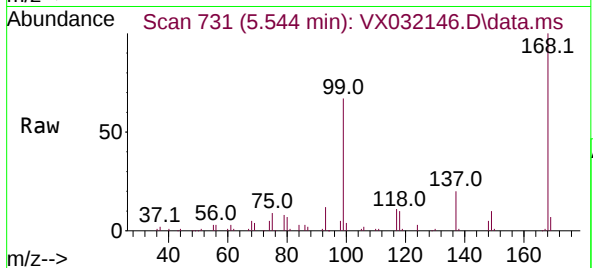
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
72 28.2 21.1 31.7



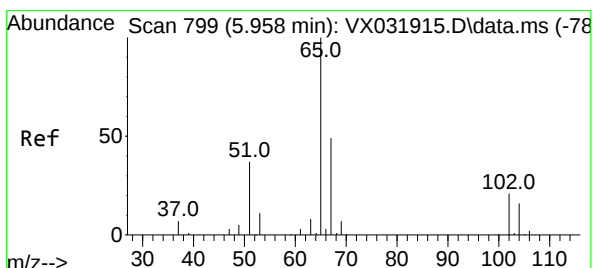
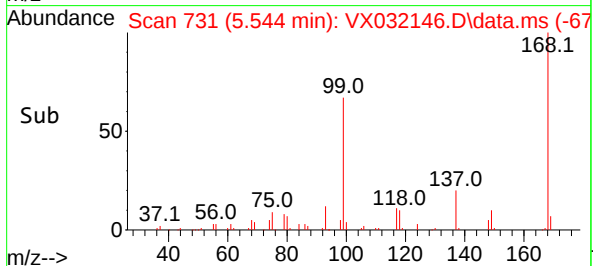
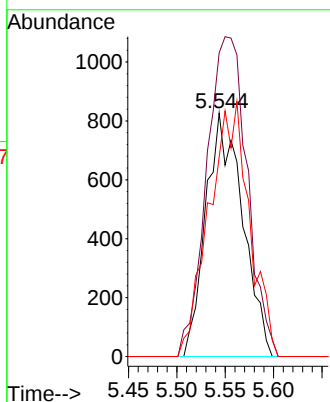


#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322RE

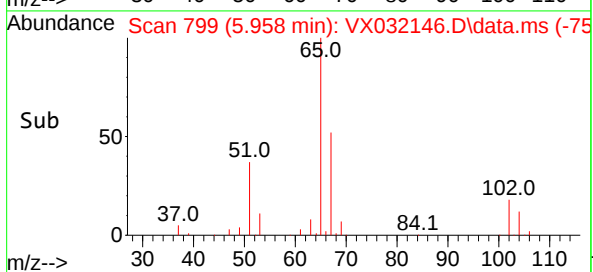
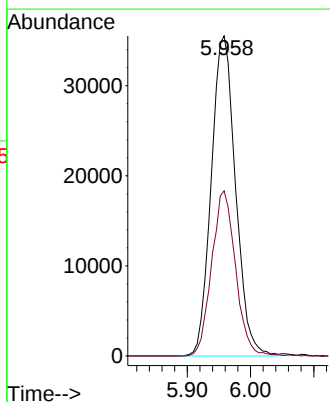
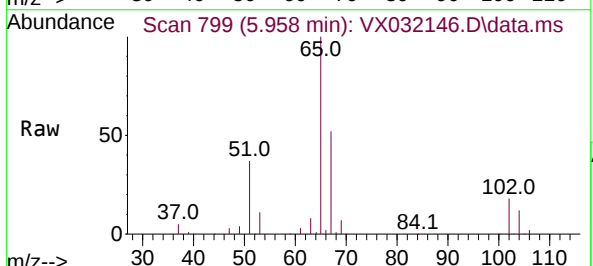


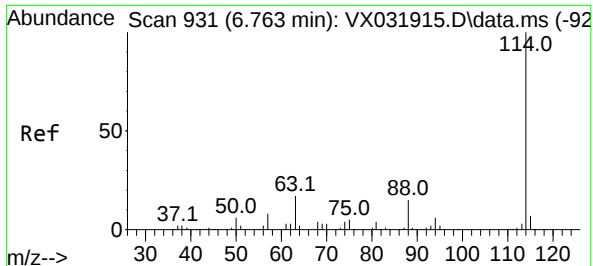
Tgt Ion: 56 Resp: 2184
Ion Ratio Lower Upper
56 100
69 124.7 25.1 37.7#
84 81.9 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 53.491 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

Tgt Ion: 65 Resp: 94724
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.4

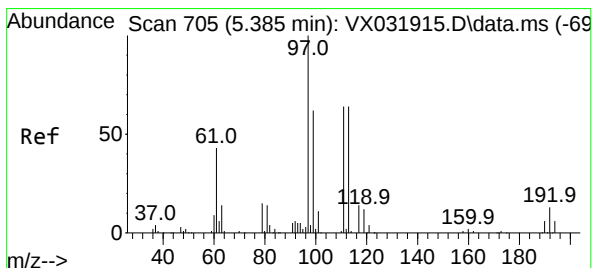
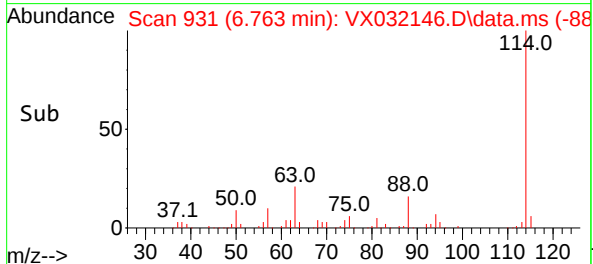
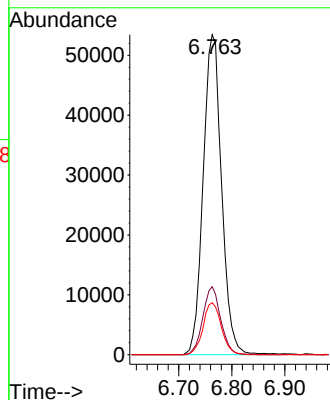
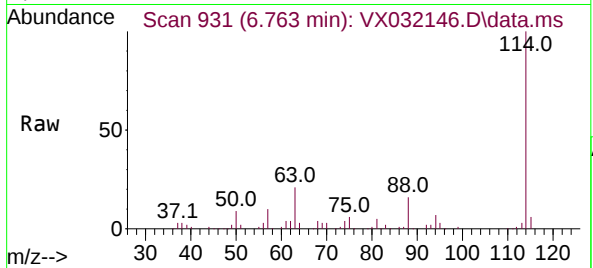




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

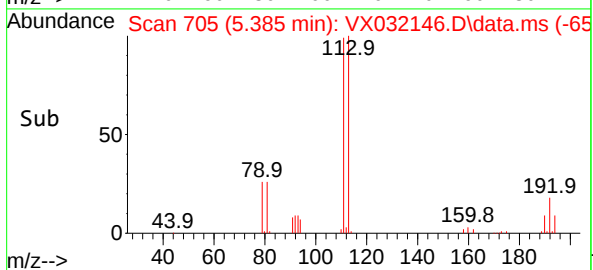
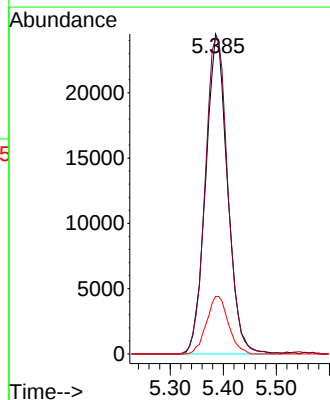
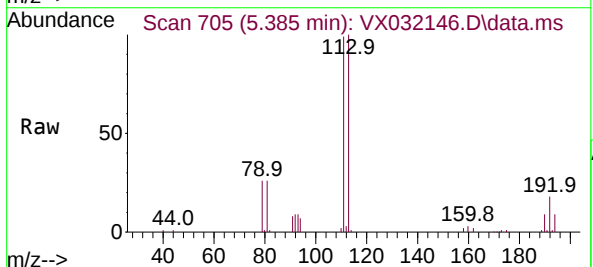
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322RE

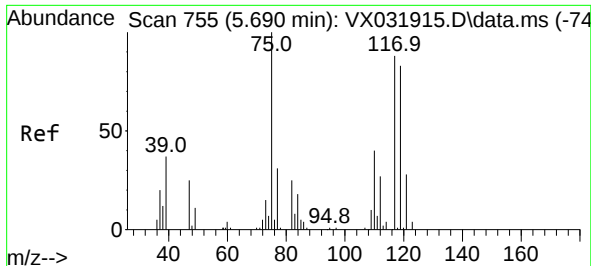
Tgt Ion:114 Resp: 128984
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.6
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.977 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

Tgt Ion:113 Resp: 70047
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.0 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.818 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX032146.D

Acq: 14 Oct 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-9-101322RE

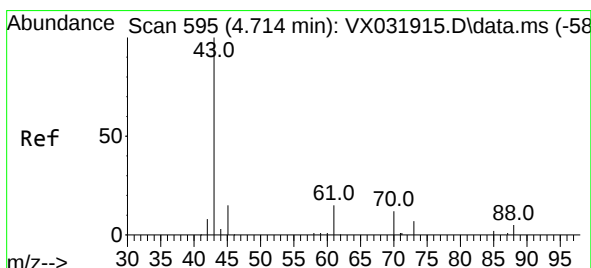
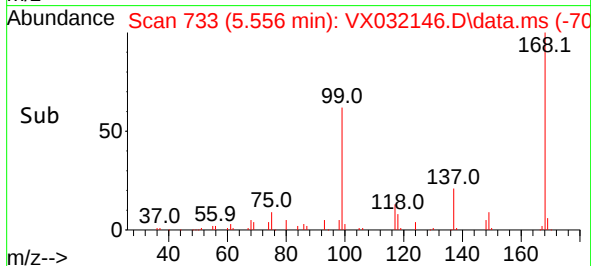
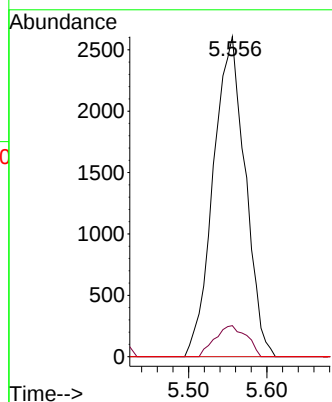
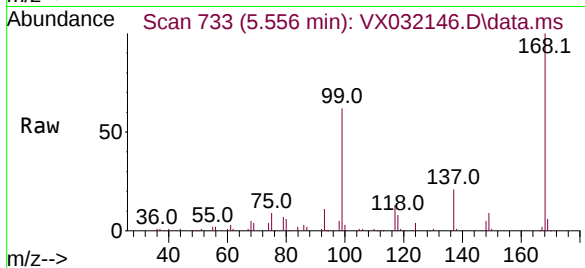
Tgt Ion: 75 Resp: 7392

Ion Ratio Lower Upper

75 100

110 9.6 17.5 52.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 0.346 ug/l

RT: 4.587 min Scan# 574

Delta R.T. -0.127 min

Lab File: VX032146.D

Acq: 14 Oct 2022 19:43

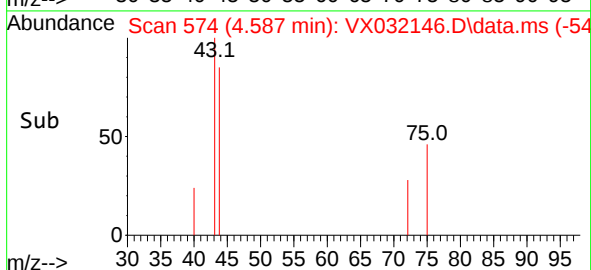
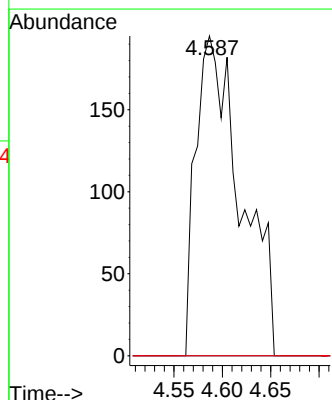
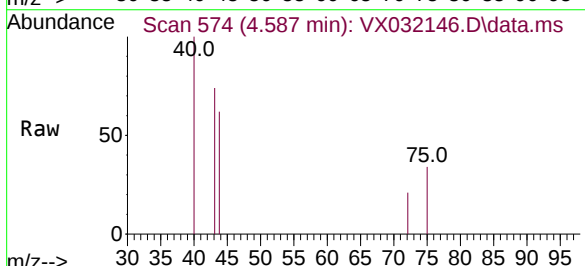
Tgt Ion: 43 Resp: 631

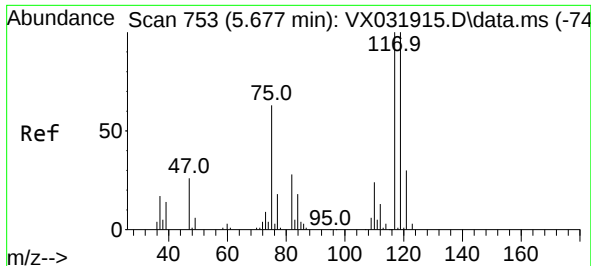
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#

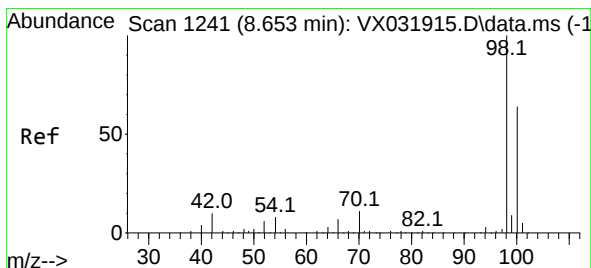
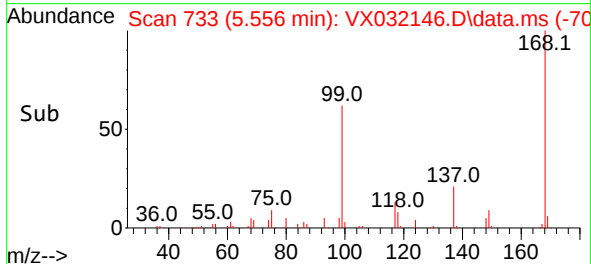
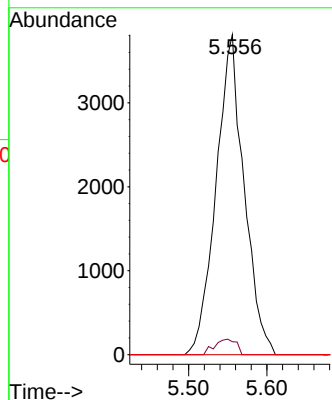
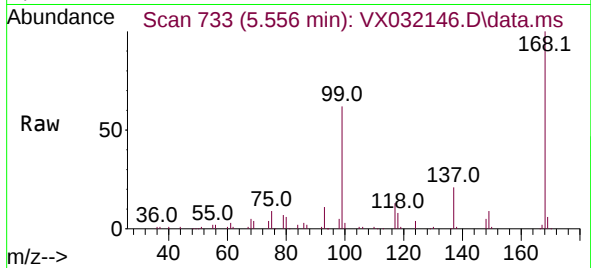




#38
Carbon Tetrachloride
Concen: 4.781 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

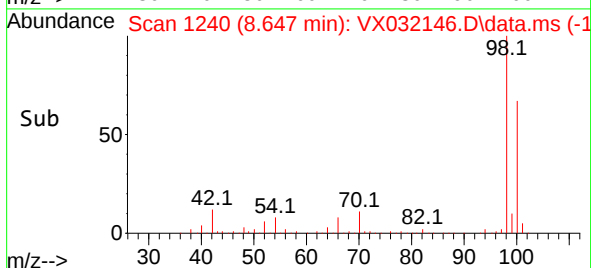
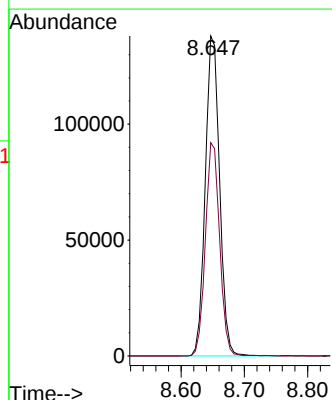
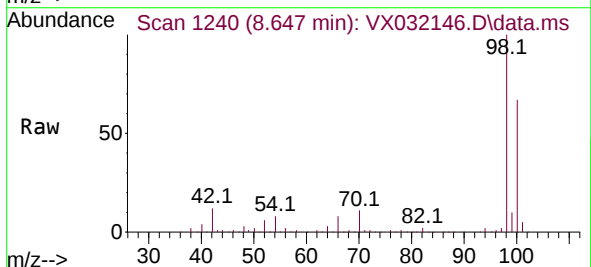
Instrument :
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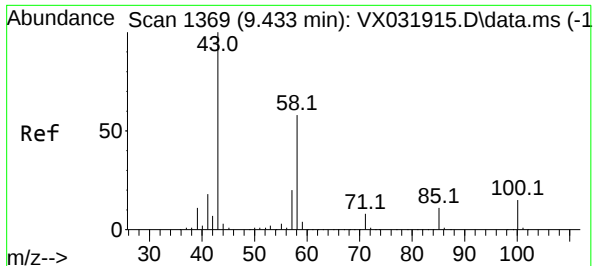
Tgt Ion:117 Resp: 9465
Ion Ratio Lower Upper
117 100
119 4.1 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 41.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

Tgt Ion: 98 Resp: 217662
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





#59

2-Hexanone

Concen: 0.379 ug/l

RT: 9.244 min Scan# 1

Delta R.T. -0.189 min

Lab File: VX032146.D

Acq: 14 Oct 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

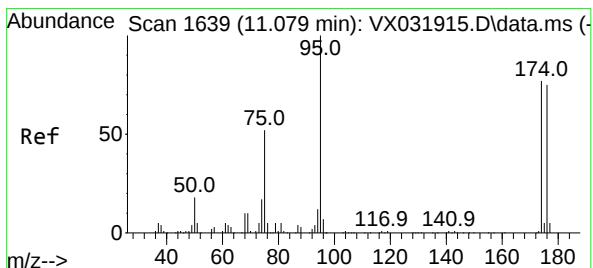
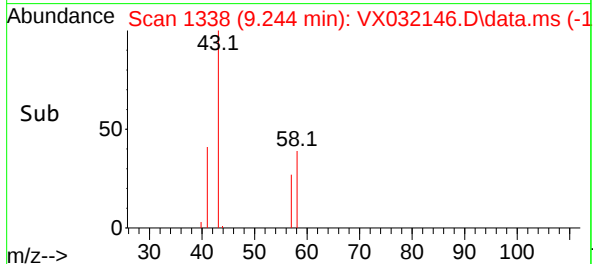
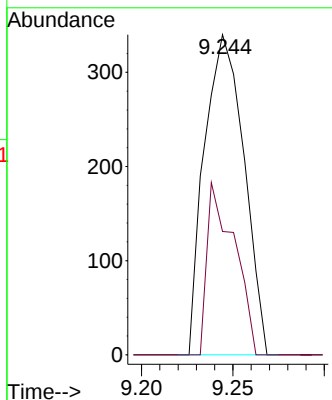
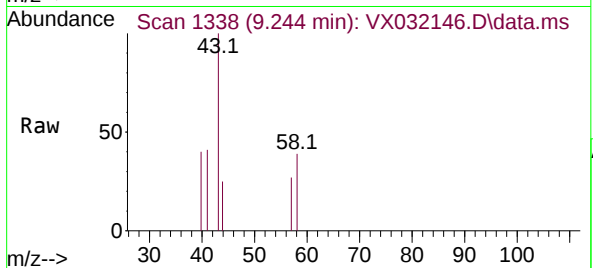
MW-9-101322RE

Tgt Ion: 43 Resp: 512

Ion Ratio Lower Upper

43 100

58 37.3 26.7 80.0



#62

4-Bromofluorobenzene

Concen: 49.590 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032146.D

Acq: 14 Oct 2022 19:43

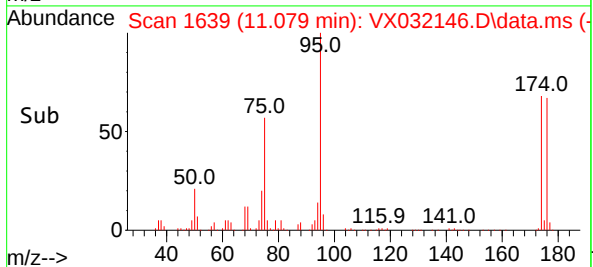
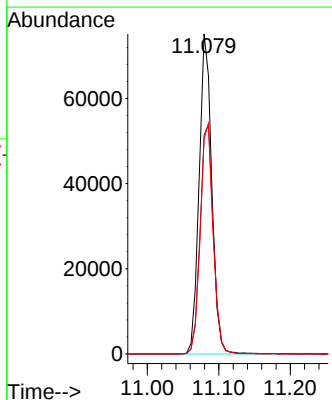
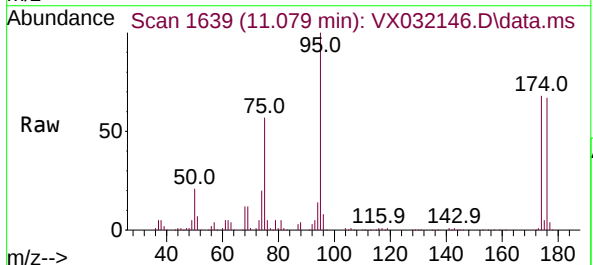
Tgt Ion: 95 Resp: 92105

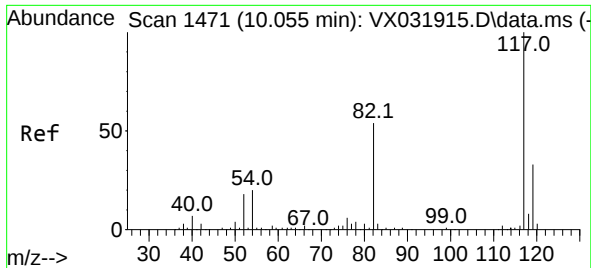
Ion Ratio Lower Upper

95 100

174 74.8 0.0 153.2

176 73.0 0.0 144.0

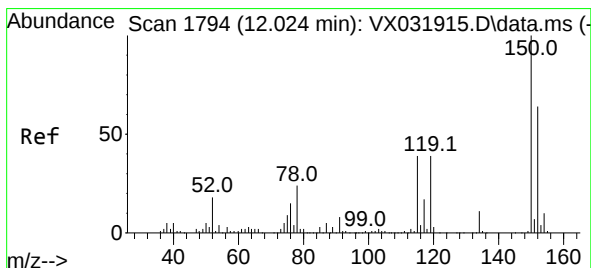
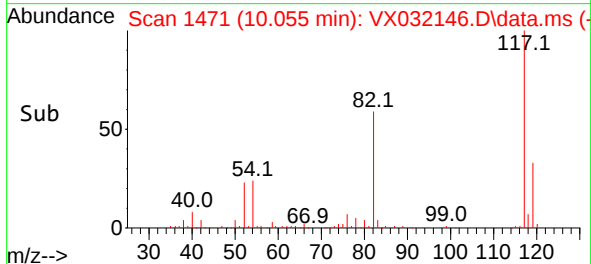
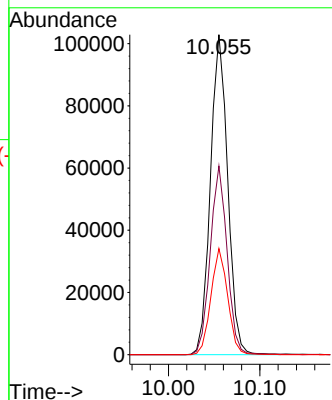
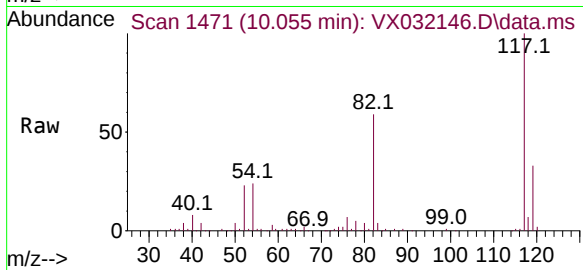




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

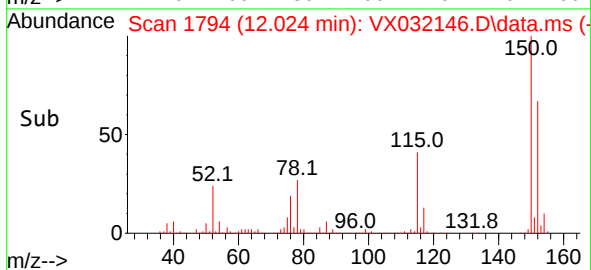
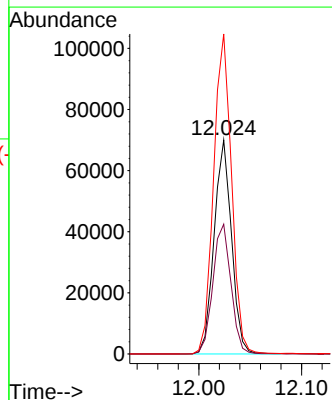
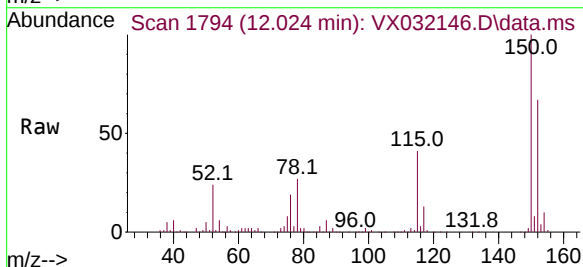
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322RE

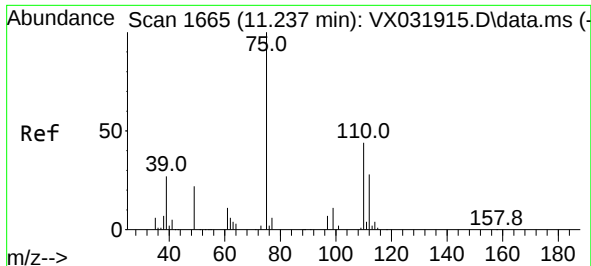
Tgt Ion:117 Resp: 134675
Ion Ratio Lower Upper
117 100
82 58.9 46.8 70.2
119 33.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

Tgt Ion:152 Resp: 82262
Ion Ratio Lower Upper
152 100
115 62.9 43.4 130.1
150 154.0 0.0 346.8

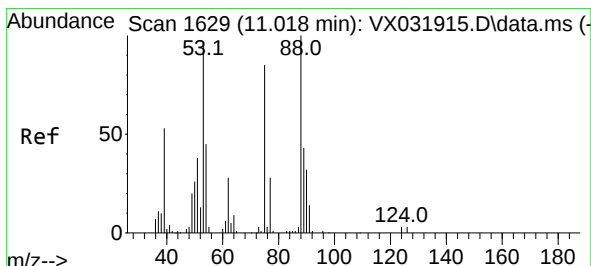
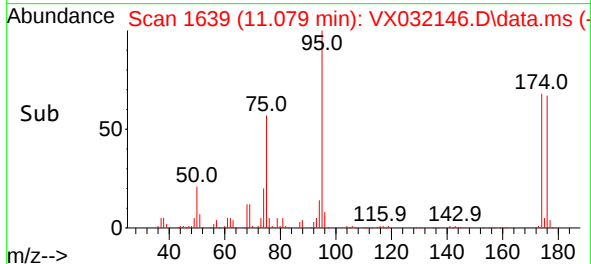
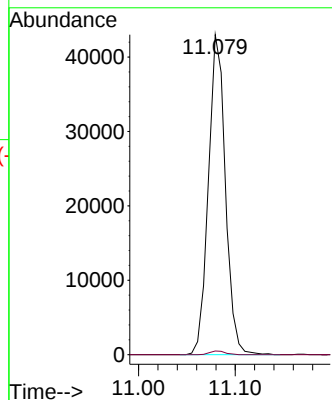
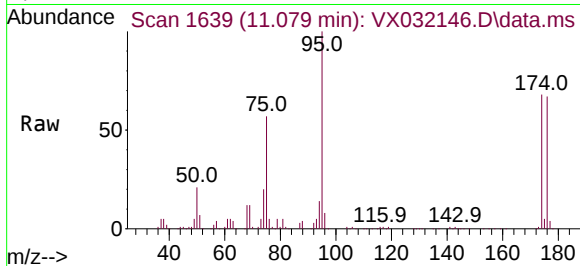




#76
1,2,3-Trichloropropane
Concen: 31.242 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

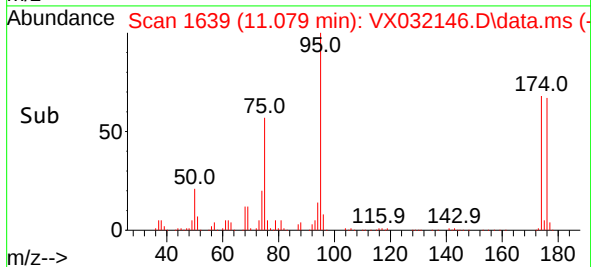
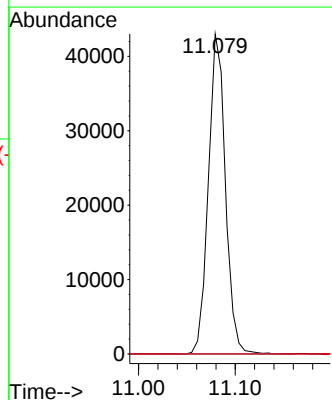
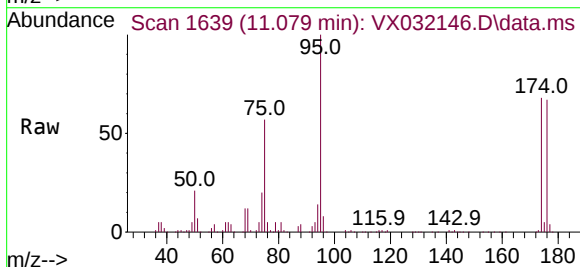
Instrument :
MSVOA_X
ClientSampleId :
MW-9-101322RE

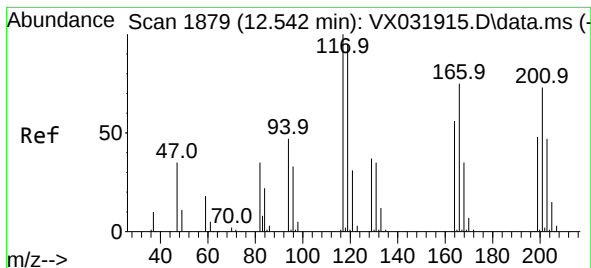
Tgt Ion: 75 Resp: 52673
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.488 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032146.D
Acq: 14 Oct 2022 19:43

Tgt Ion: 75 Resp: 52673
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#90

Hexachloroethane

Concen: 1.372 ug/l

RT: 12.695 min Scan# 1904

Delta R.T. 0.153 min

Lab File: VX032146.D

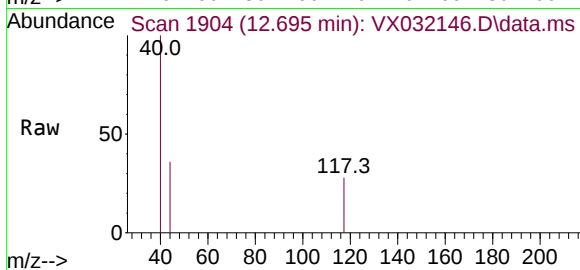
Acq: 14 Oct 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-9-101322RE



Tgt Ion:117 Resp: 55

Ion Ratio Lower Upper

117 100

201 0.0 34.8 104.4#

