

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026785.D
 Acq On : 07 Feb 2022 15:29
 Operator : JC/MD
 Sample : N1359-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9D

Quant Time: Feb 07 23:30:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	134641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83922	44.620	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.391	113	70161	48.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.920%
50) Toluene-d8	8.653	98	259811	49.799	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.600%
62) 4-Bromofluorobenzene	11.079	95	95153	51.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.680%

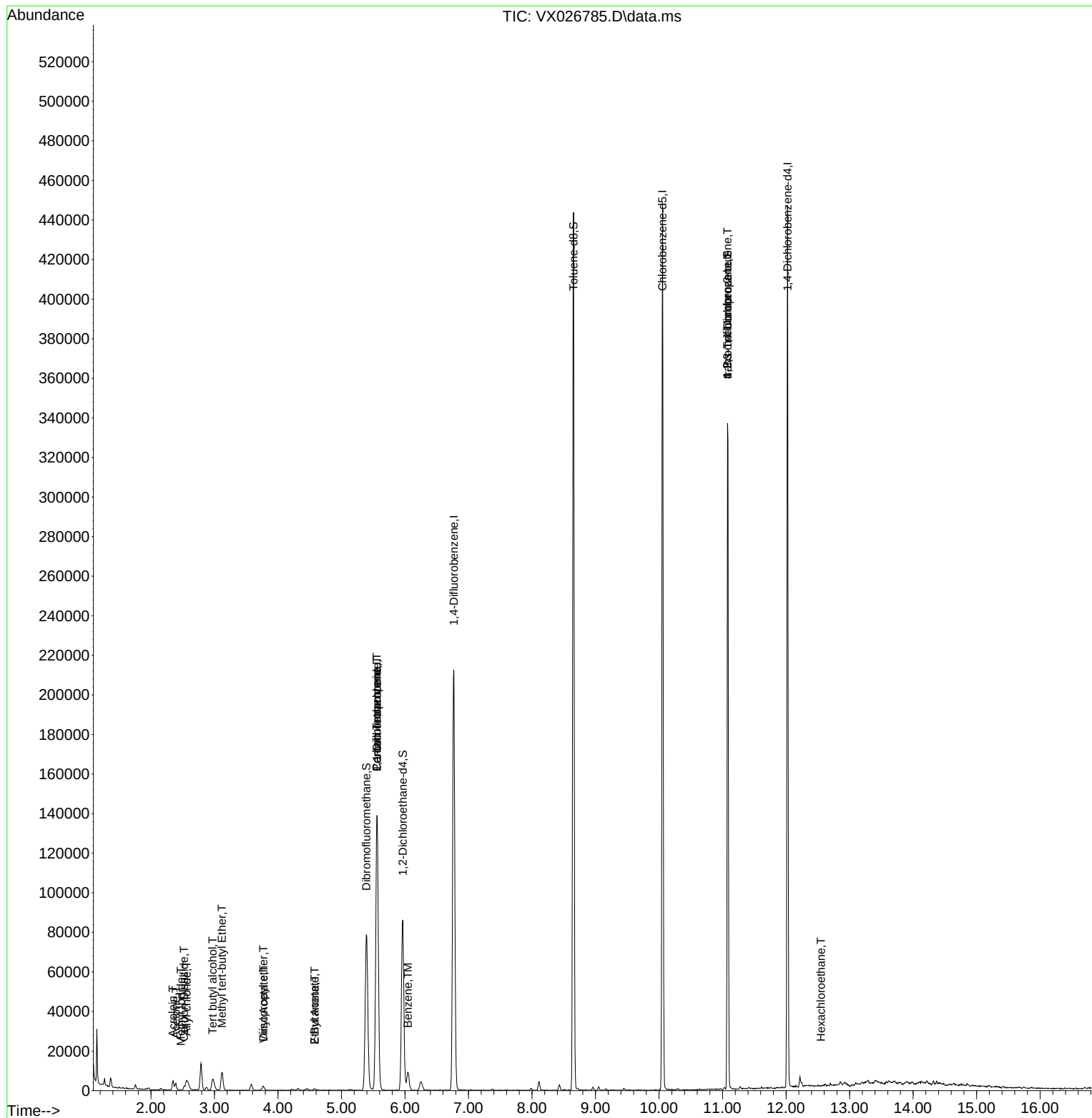
Target Compounds					Qvalue	
10) Methyl Iodide	2.471	142	85	4.494	ug/l #	37
11) Tert butyl alcohol	2.971	59	9279	35.464	ug/l	97
13) Acrolein	2.343	56	626	2.252	ug/l #	67
14) Allyl chloride	2.563	41	1032	0.399	ug/l #	70
16) Acetone	2.392	43	3859	4.023	ug/l #	87
17) Carbon Disulfide	2.520	76	2811	0.685	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	10349	2.028	ug/l	95
22) Diisopropyl ether	3.770	45	2138	0.407	ug/l #	75
23) Vinyl Acetate	3.776	43	1124	0.260	ug/l #	73
25) 2-Butanone	4.574	43	907	0.727	ug/l	97
36) 1,1-Dichloropropene	5.556	75	10099	4.419	ug/l #	51
37) Ethyl Acetate	4.574	43	907	0.392	ug/l #	69
38) Carbon Tetrachloride	5.556	117	13939	5.929	ug/l #	16
40) Benzene	6.044	78	11155	1.766	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	46737	23.933	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	46737	72.958	ug/l #	3
90) Hexachloroethane	12.549	117	19	2.195	ug/l	65

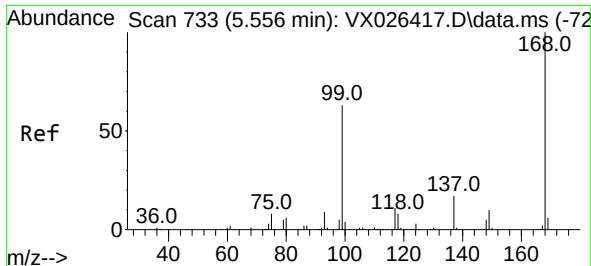
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Title : SW846 8260
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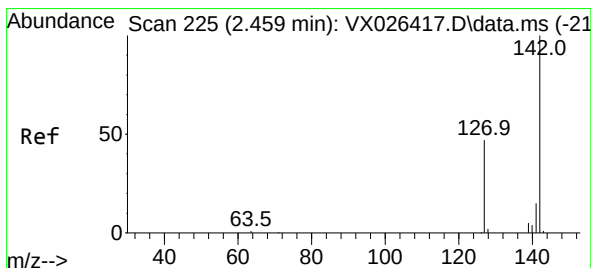
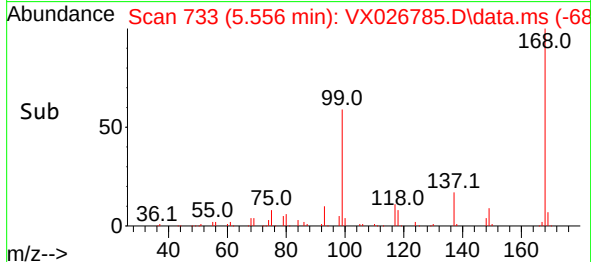
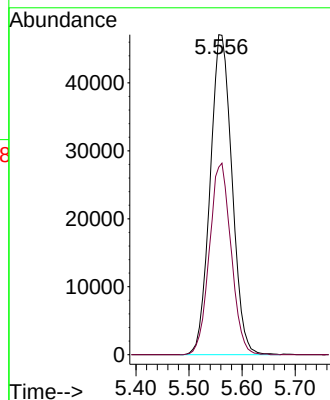
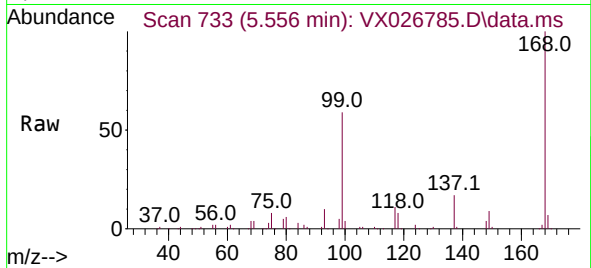




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

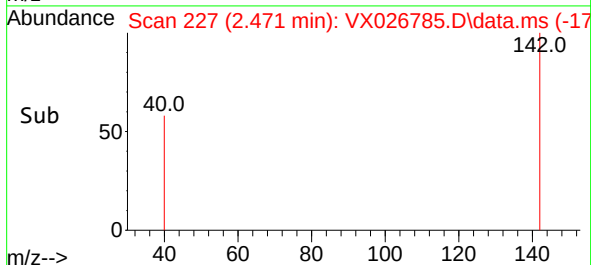
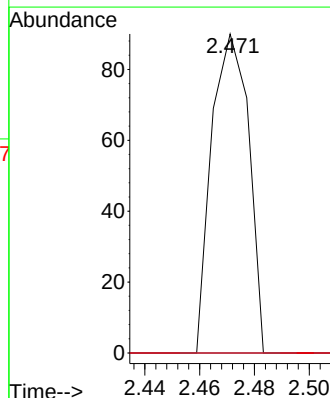
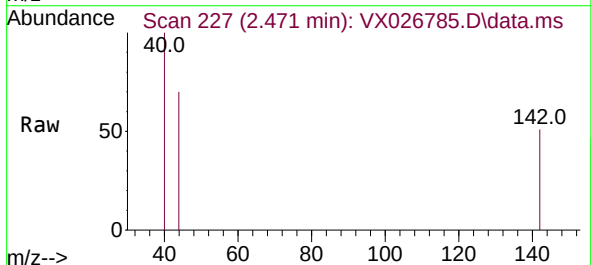
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

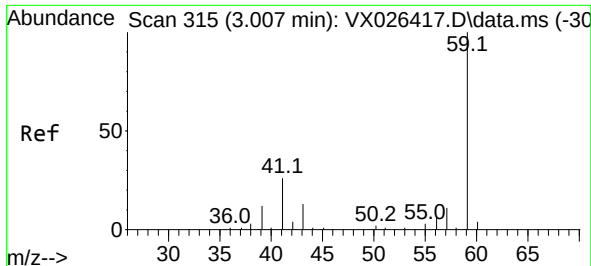
Tgt Ion:168 Resp: 134641
Ion Ratio Lower Upper
168 100
99 58.6 50.3 75.5



#10
Methyl Iodide
Concen: 4.494 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Tgt Ion:142 Resp: 85
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 35.464 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.036 min

Lab File: VX026785.D

Acq: 07 Feb 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

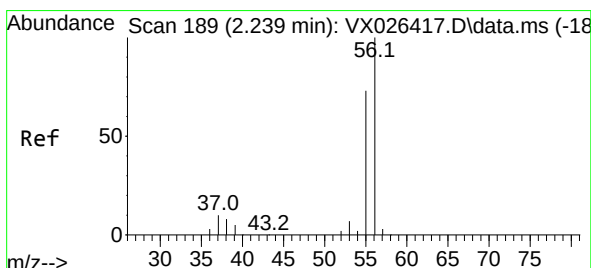
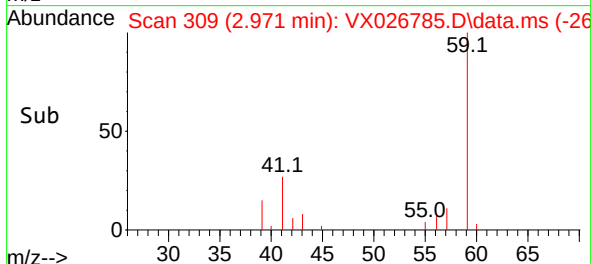
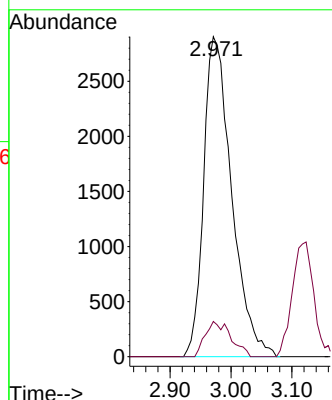
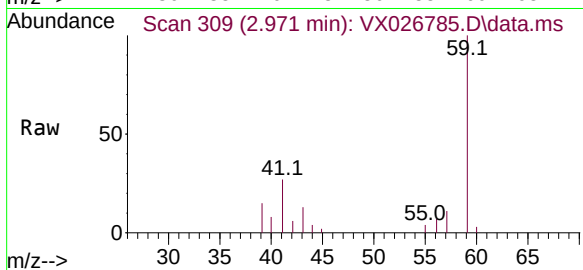
MW-9D

Tgt Ion: 59 Resp: 9279

Ion Ratio Lower Upper

59 100

57 10.1 7.2 10.8



#13

Acrolein

Concen: 2.252 ug/l

RT: 2.343 min Scan# 206

Delta R.T. 0.104 min

Lab File: VX026785.D

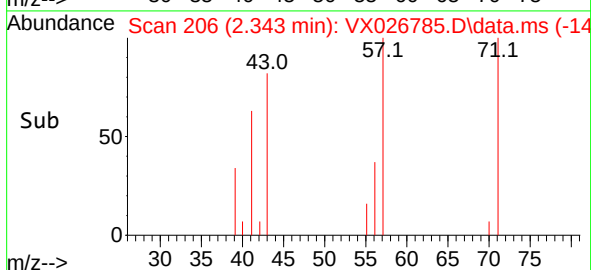
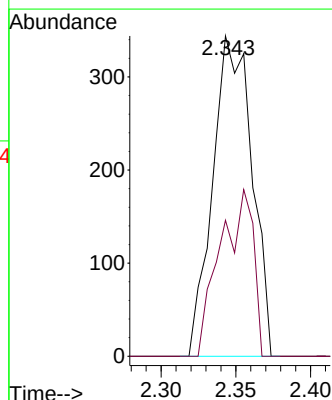
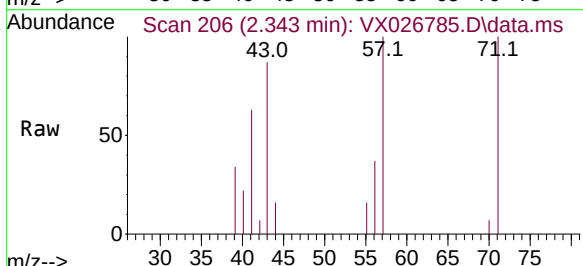
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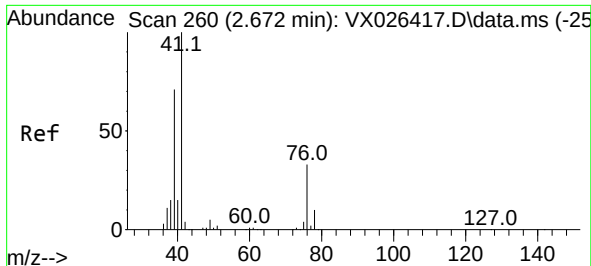
Tgt Ion: 56 Resp: 626

Ion Ratio Lower Upper

56 100

55 43.9 56.9 85.3#

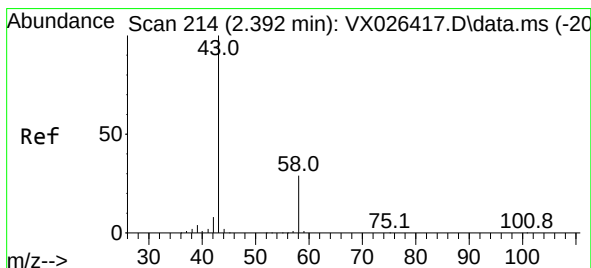
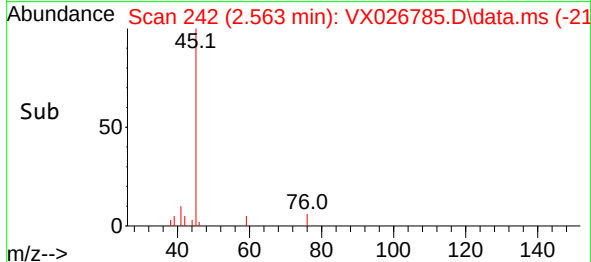
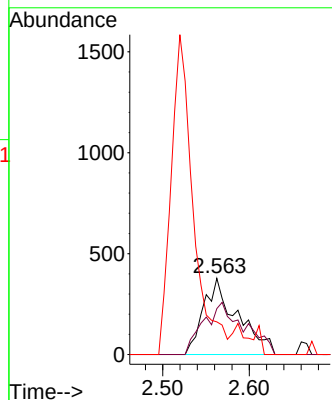
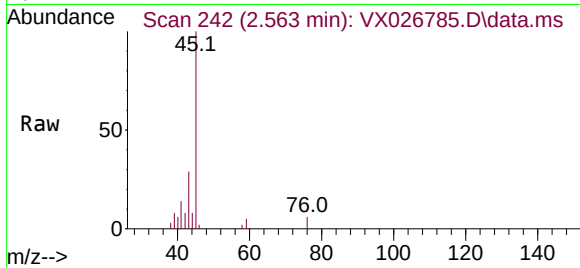




#14
 Allyl chloride
 Concen: 0.399 ug/l
 RT: 2.563 min Scan# 242
 Delta R.T. -0.110 min
 Lab File: VX026785.D
 Acq: 07 Feb 2022 15:29

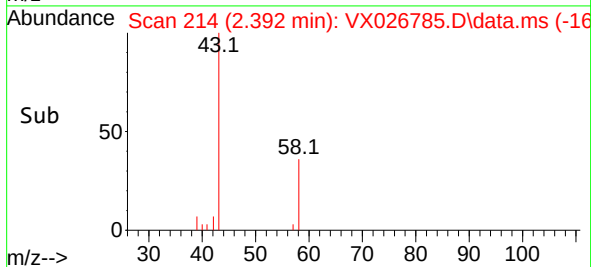
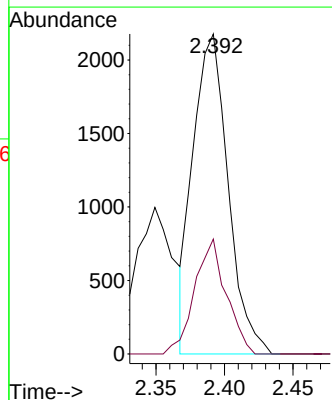
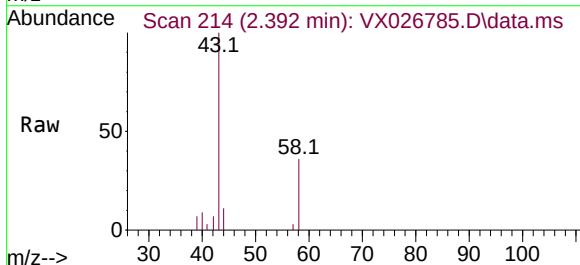
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9D

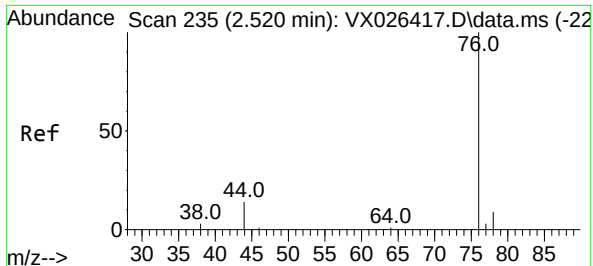
Tgt Ion: 41 Resp: 1032
 Ion Ratio Lower Upper
 41 100
 39 81.7 54.2 81.4#
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 4.023 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VX026785.D
 Acq: 07 Feb 2022 15:29

Tgt Ion: 43 Resp: 3859
 Ion Ratio Lower Upper
 43 100
 58 35.9 23.0 34.6#

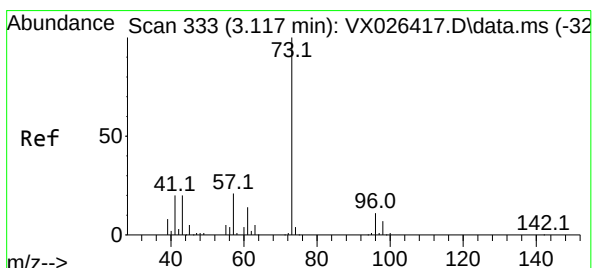
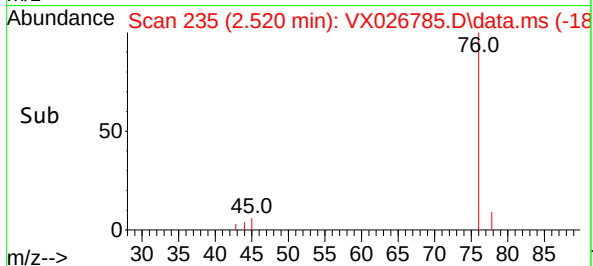
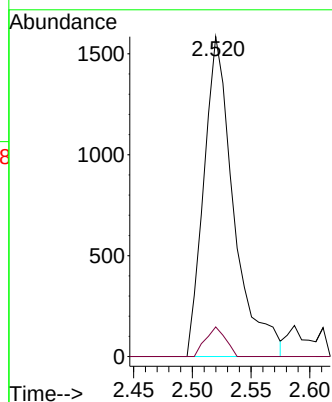
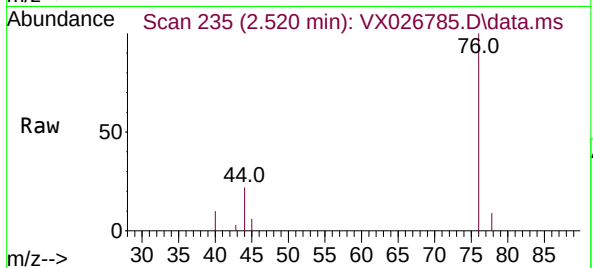




#17
Carbon Disulfide
Concen: 0.685 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

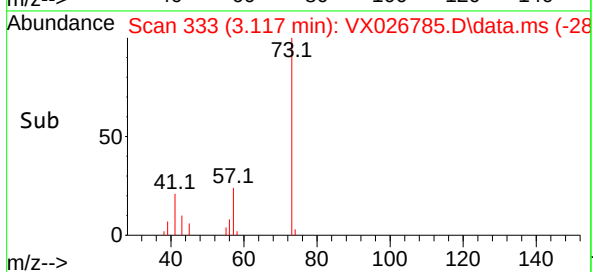
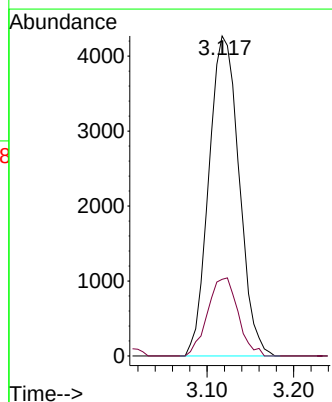
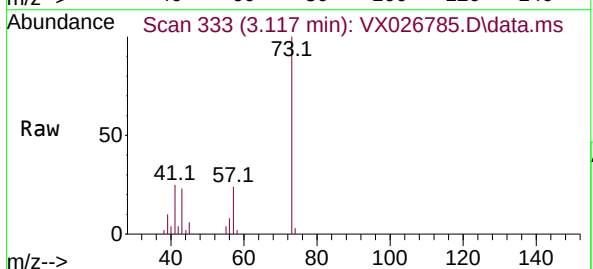
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

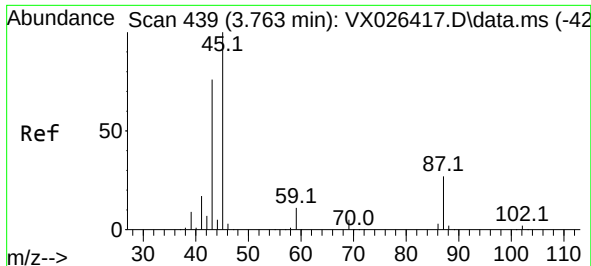
Tgt Ion: 76 Resp: 2811
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#19
Methyl tert-butyl Ether
Concen: 2.028 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Tgt Ion: 73 Resp: 10349
Ion Ratio Lower Upper
73 100
57 23.9 17.4 26.2

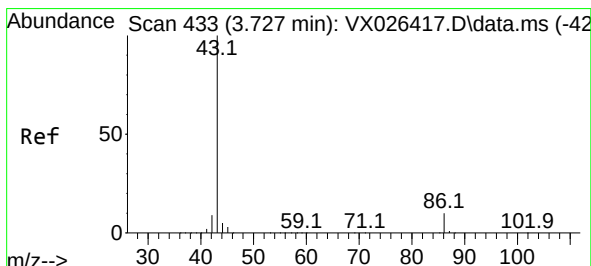
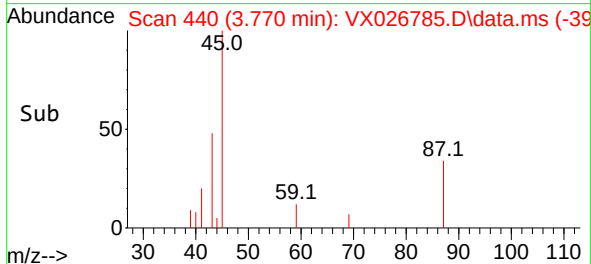
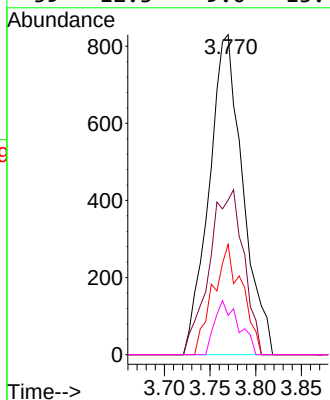
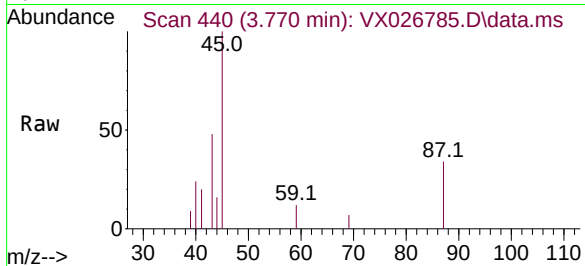




#22
Diisopropyl ether
Concen: 0.407 ug/l
RT: 3.770 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

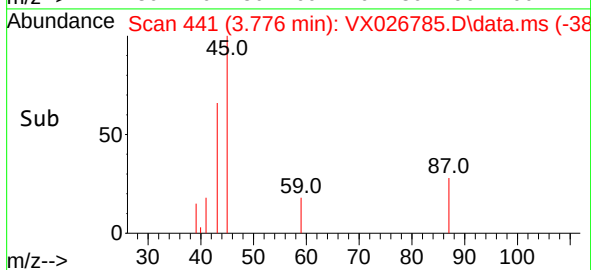
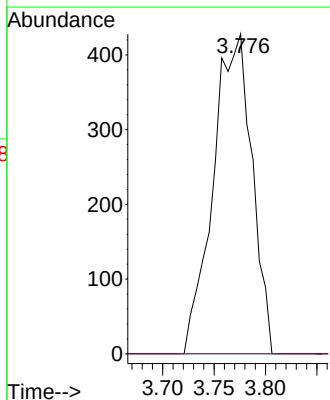
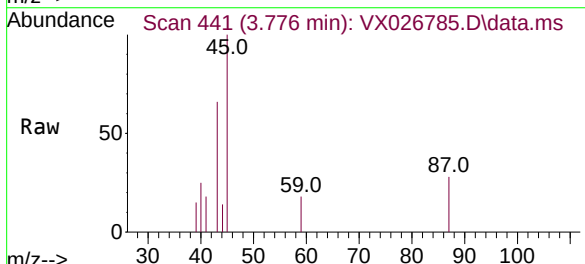
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MSVOA_X
ClientSampleId :
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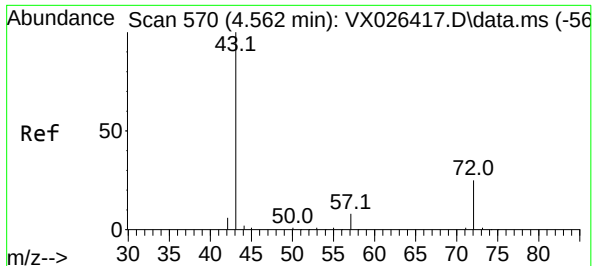
Tgt Ion: 45	Resp: 2138
Ion Ratio	Lower Upper
45	100
43	48.3 60.6 91.0#
87	34.5 22.0 33.0#
59	12.3 9.0 13.4



#23
Vinyl Acetate
Concen: 0.260 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.049 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Tgt Ion: 43	Resp: 1124
Ion Ratio	Lower Upper
43	100
86	0.0 8.1 12.1#

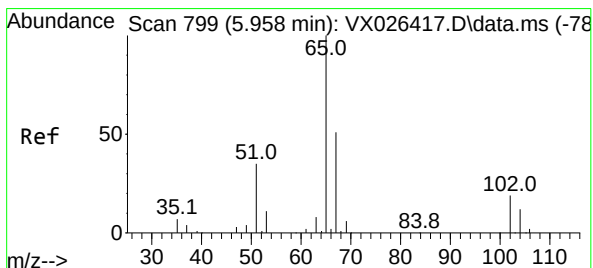
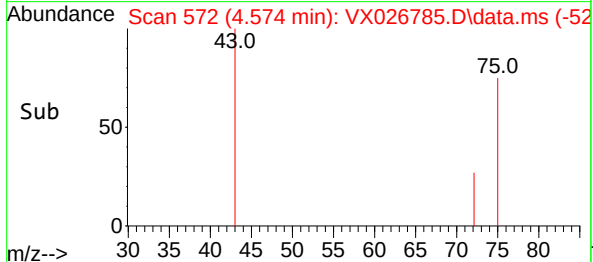
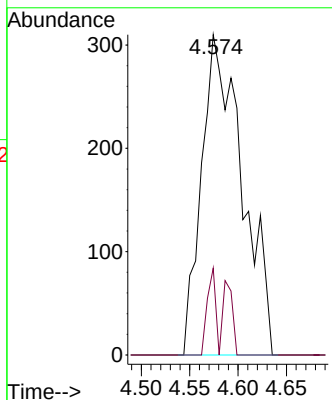
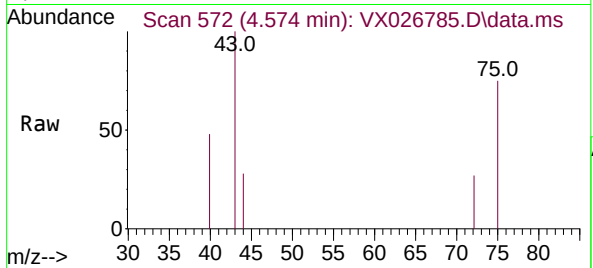




#25
2-Butanone
Concen: 0.727 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

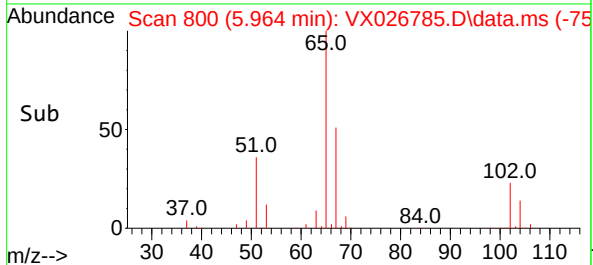
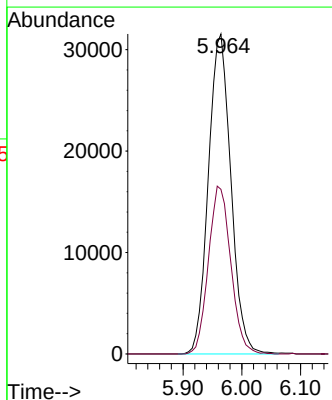
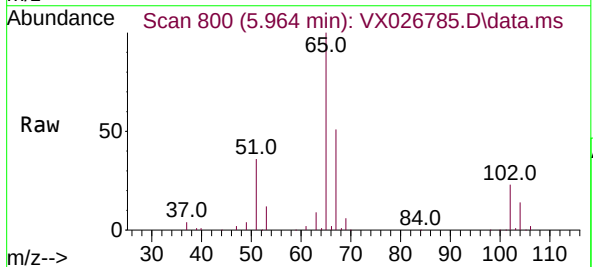
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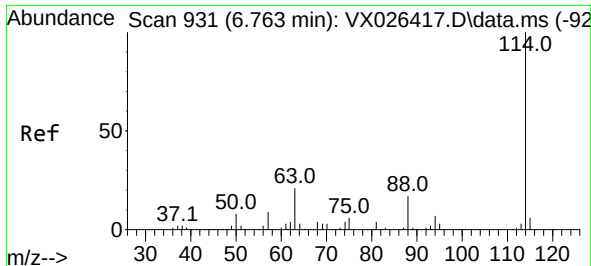
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
72 27.1 20.4 30.6



#33
1,2-Dichloroethane-d4
Concen: 44.620 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Tgt Ion: 65 Resp: 83922
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8

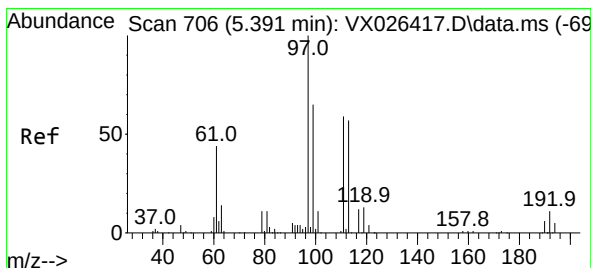
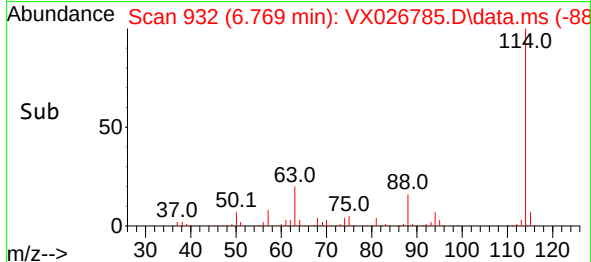
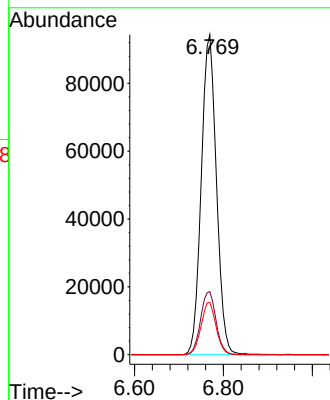
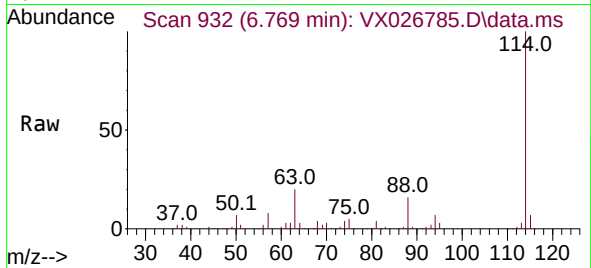




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

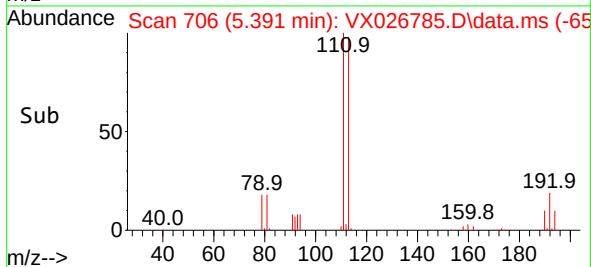
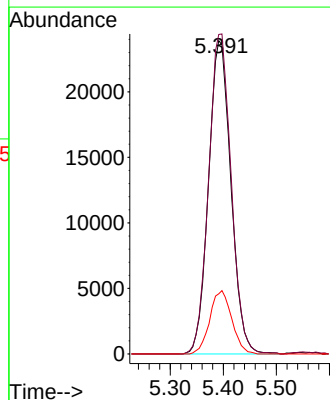
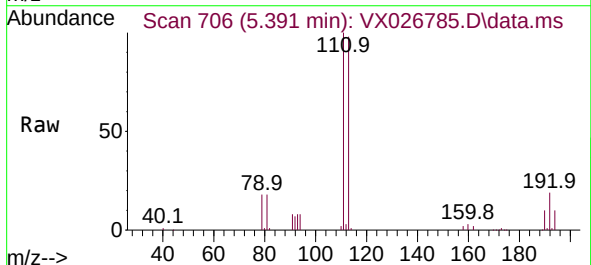
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

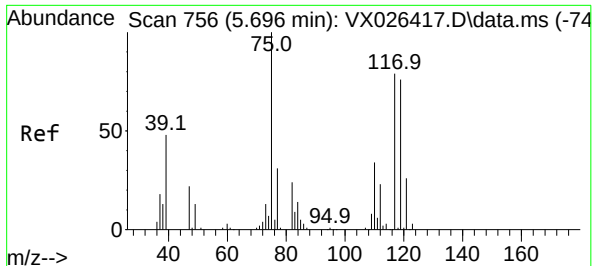
Tgt Ion:114 Resp: 224194
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.461 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Tgt Ion:113 Resp: 70161
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.9 15.0 22.4

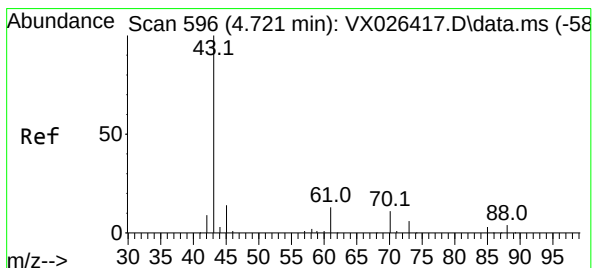
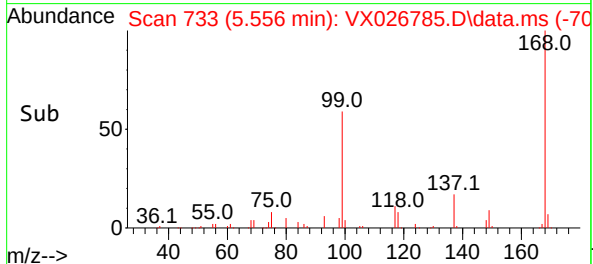
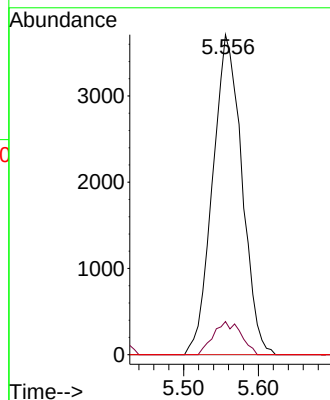
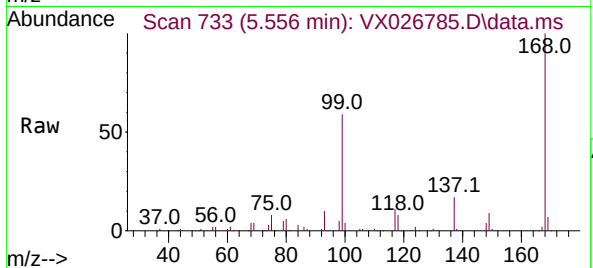




#36
 1,1-Dichloropropene
 Concen: 4.419 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.140 min
 Lab File: VX026785.D
 Acq: 07 Feb 2022 15:29

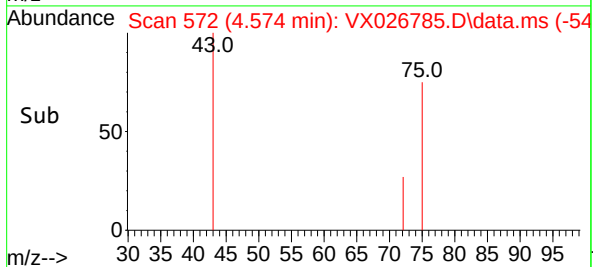
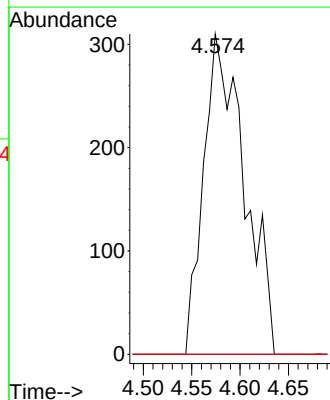
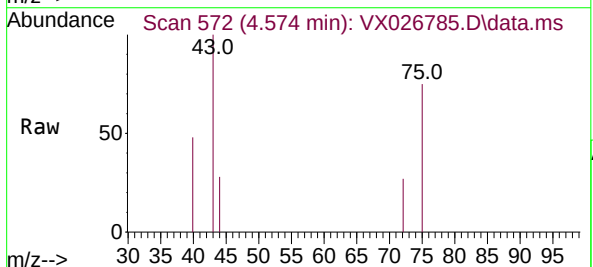
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9D

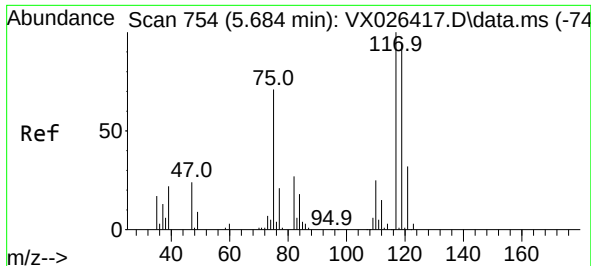
Tgt Ion: 75 Resp: 10099
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.2 51.6#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 0.392 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. -0.146 min
 Lab File: VX026785.D
 Acq: 07 Feb 2022 15:29

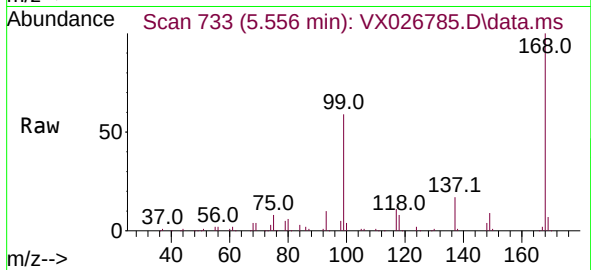
Tgt Ion: 43 Resp: 907
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 16.0#
 70 0.0 8.5 12.7#



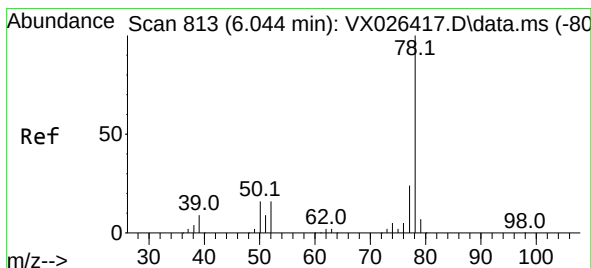
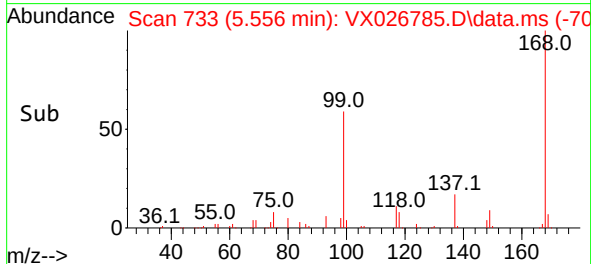
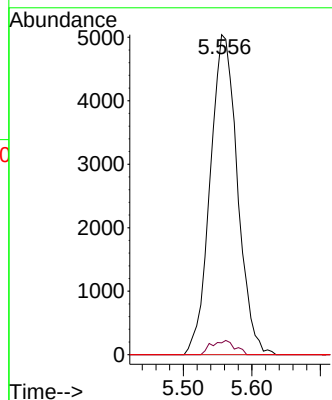


#38
Carbon Tetrachloride
Concen: 5.929 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :
MW-9D

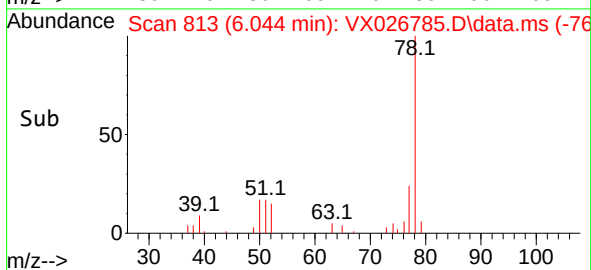
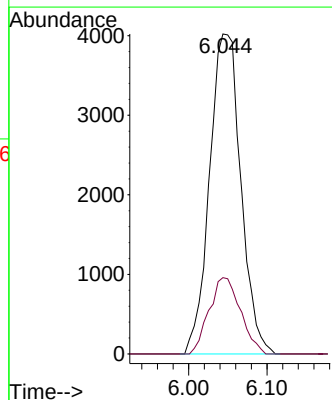
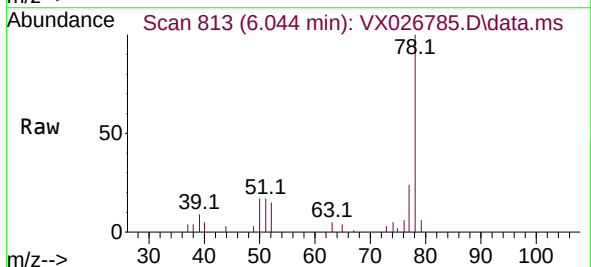


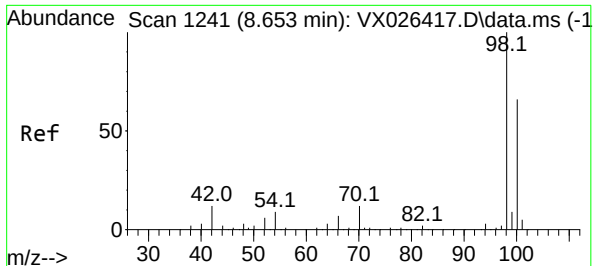
Tgt Ion:117 Resp: 13939
Ion Ratio Lower Upper
117 100
119 3.7 74.7 112.1#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 1.766 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Tgt Ion: 78 Resp: 11155
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3





#50

Toluene-d8

Concen: 49.799 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026785.D

Acq: 07 Feb 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

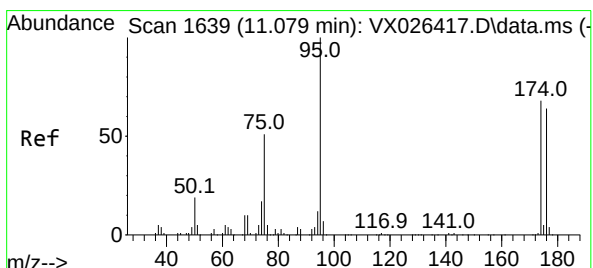
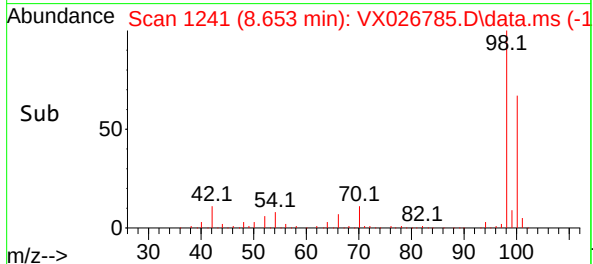
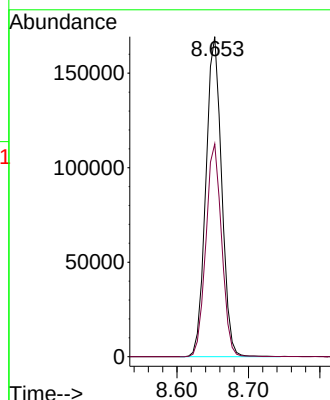
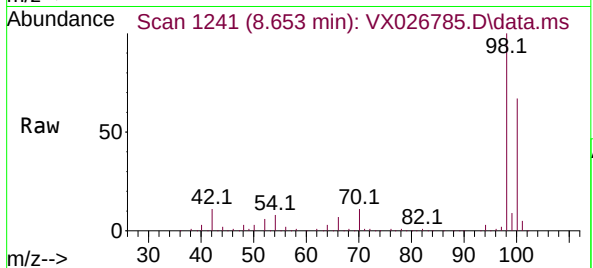
MW-9D

Tgt Ion: 98 Resp: 259811

Ion Ratio Lower Upper

98 100

100 66.4 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 51.342 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026785.D

Acq: 07 Feb 2022 15:29

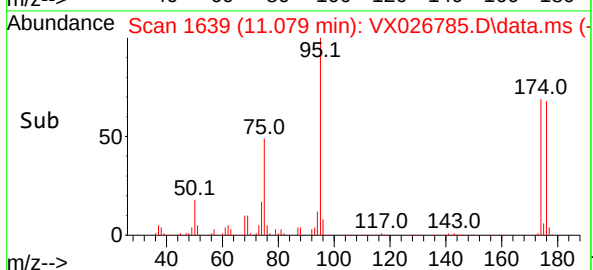
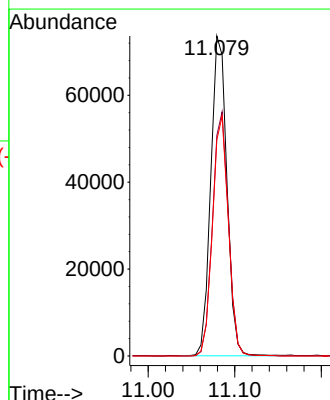
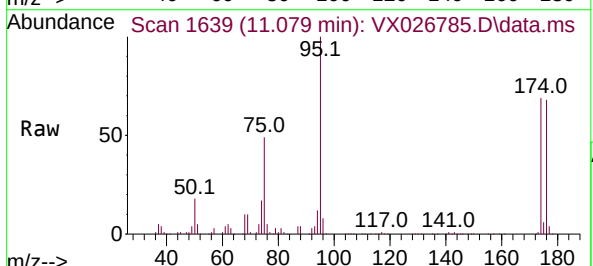
Tgt Ion: 95 Resp: 95153

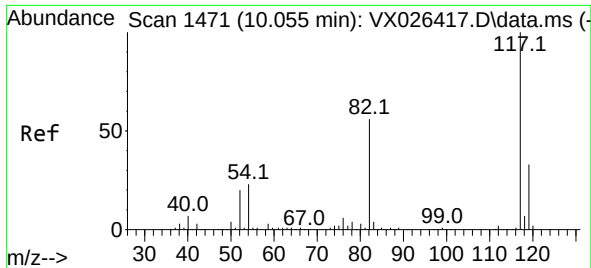
Ion Ratio Lower Upper

95 100

174 75.3 0.0 148.6

176 73.9 0.0 141.4

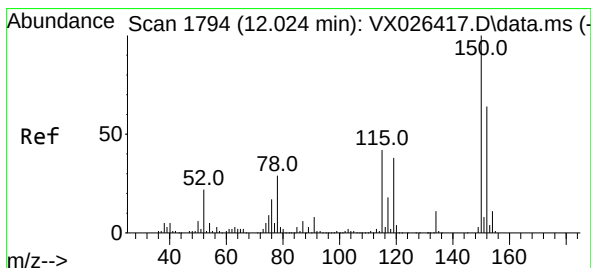
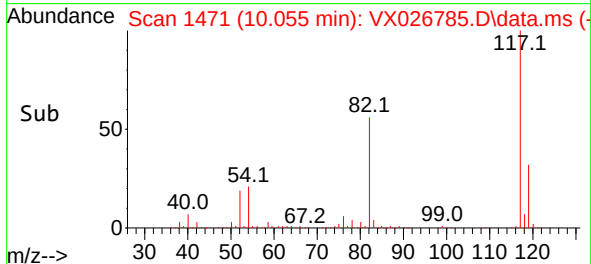
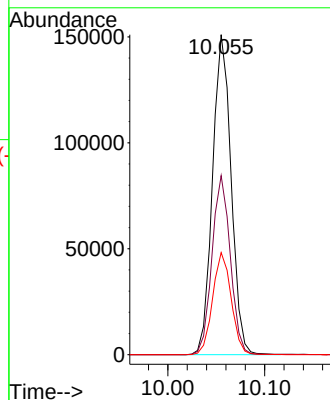
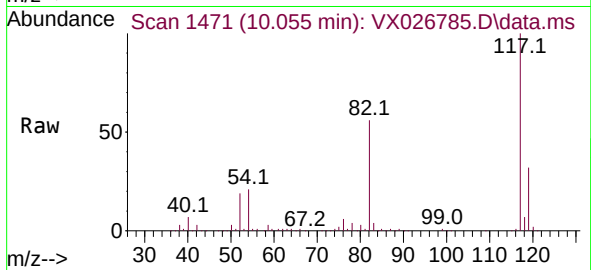




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

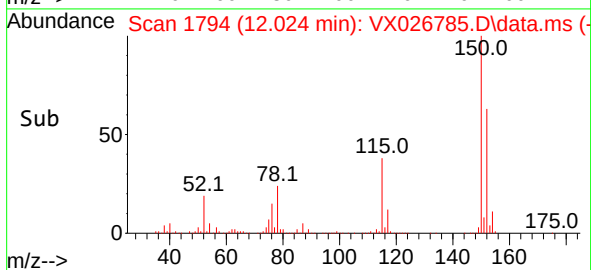
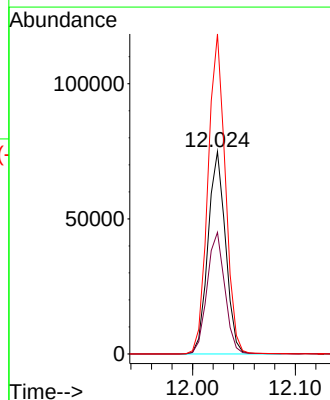
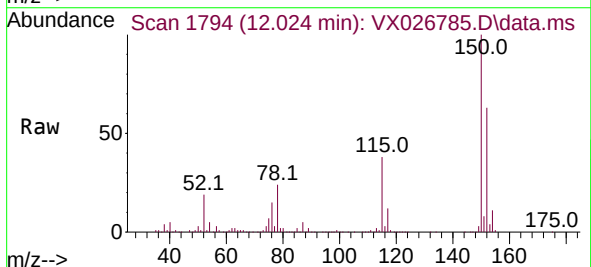
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

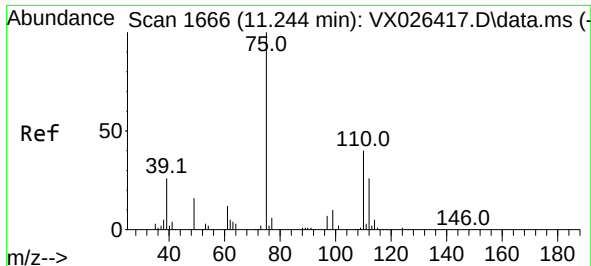
Tgt Ion:117 Resp: 201724
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Tgt Ion:152 Resp: 88694
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 156.8 0.0 348.2

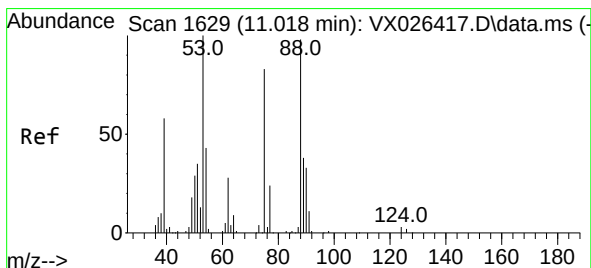
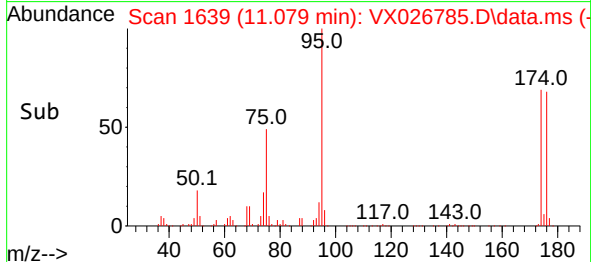
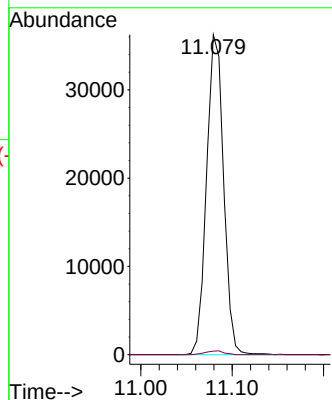
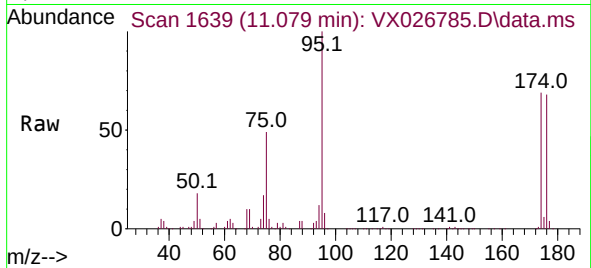




#76
1,2,3-Trichloropropane
Concen: 23.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

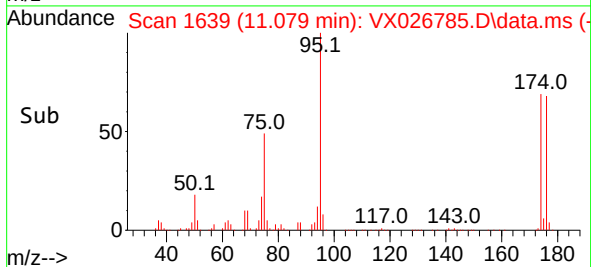
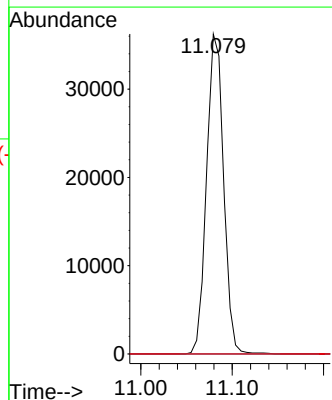
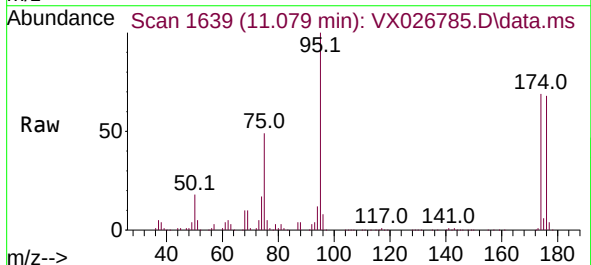
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

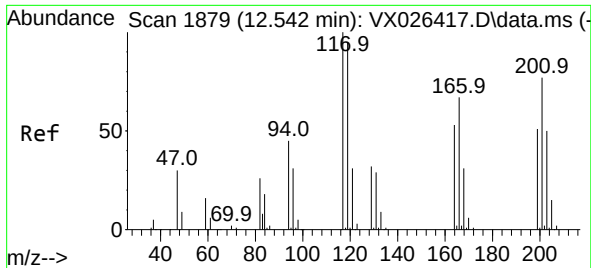
Tgt Ion: 75 Resp: 46737
Ion Ratio Lower Upper
75 100
77 1.3 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Tgt Ion: 75 Resp: 46737
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#90
 Hexachloroethane
 Concen: 2.195 ug/l
 RT: 12.549 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX026785.D
 Acq: 07 Feb 2022 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9D

Tgt Ion:117 Resp: 19
 Ion Ratio Lower Upper
 117 100
 201 100.0 35.6 106.8

