

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)

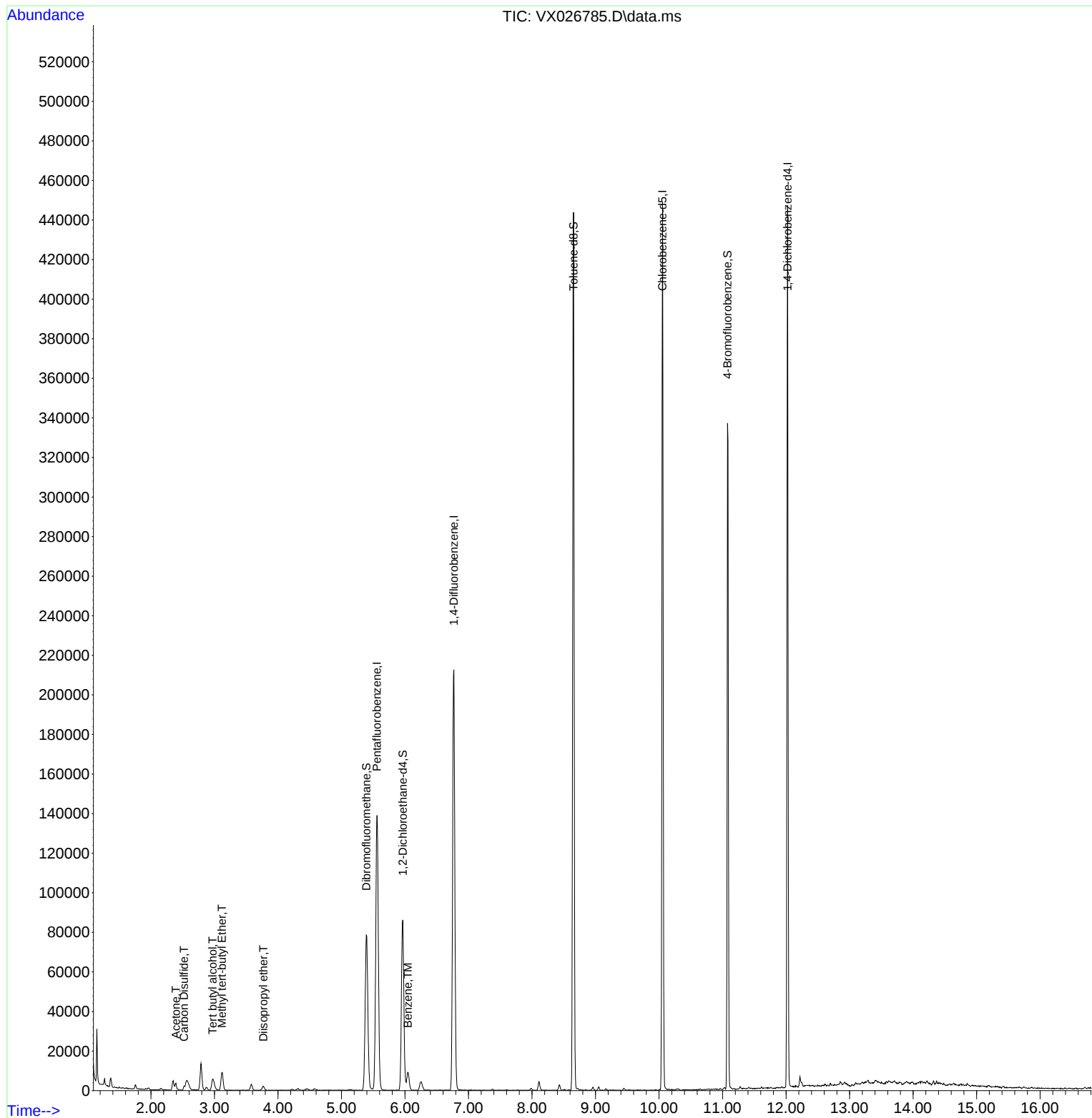
Internal Standards						
1) Pentafluorobenzene	5.556	168	134641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
11) Tert butyl alcohol	2.971	59	9279	35.464	ug/l	97
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
40) Benzene	6.044	78	11155	1.766	ug/l	99

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

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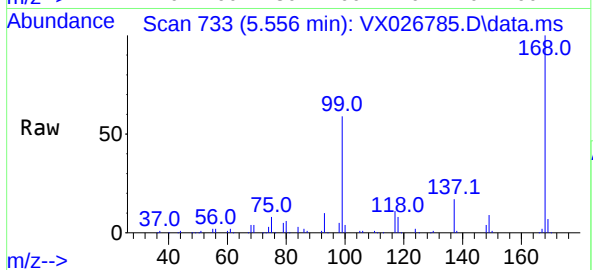
Quant Time: Feb 07 23:30:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



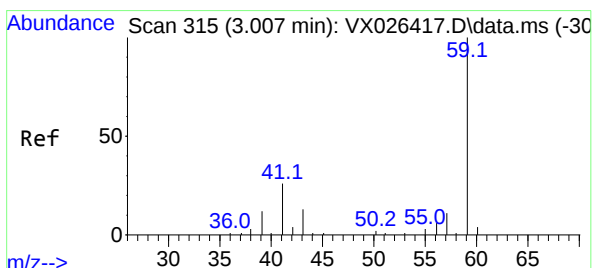
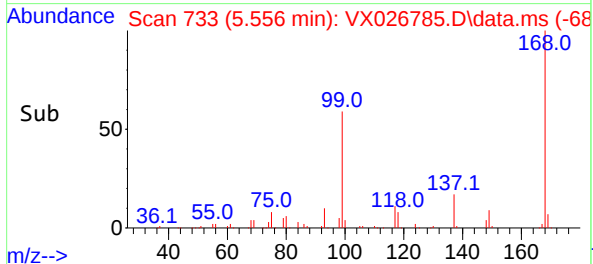
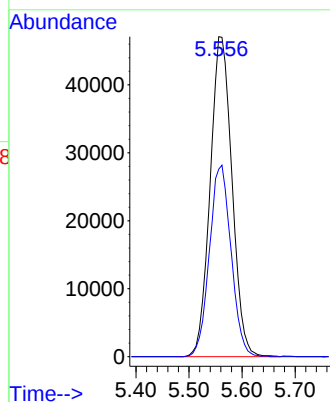


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :
MW-9D

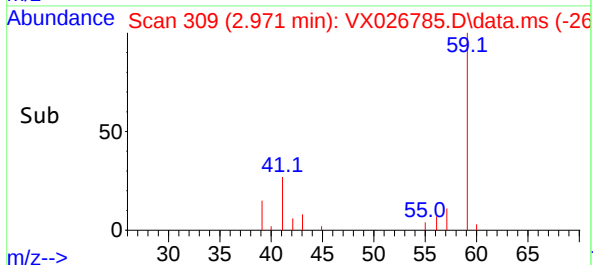
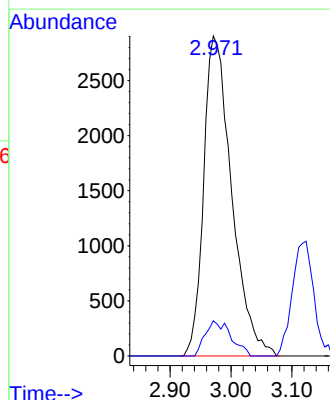
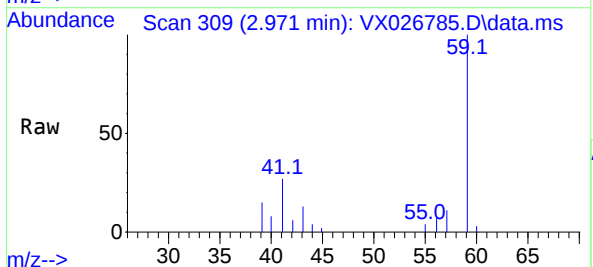


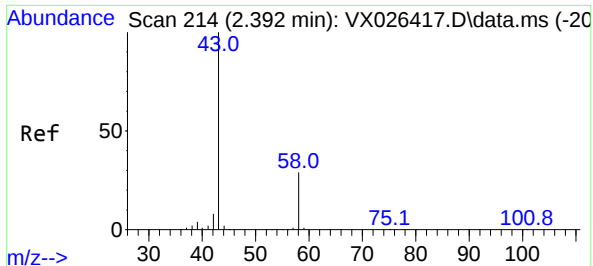
Tgt Ion:168 Resp: 134641
Ion Ratio Lower Upper
168 100
99 58.6 50.3 75.5



#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

Tgt Ion: 59 Resp: 9279
Ion Ratio Lower Upper
59 100
57 10.1 7.2 10.8

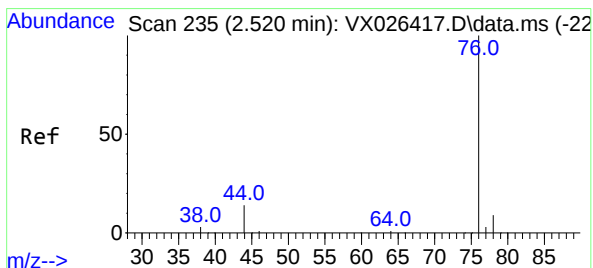
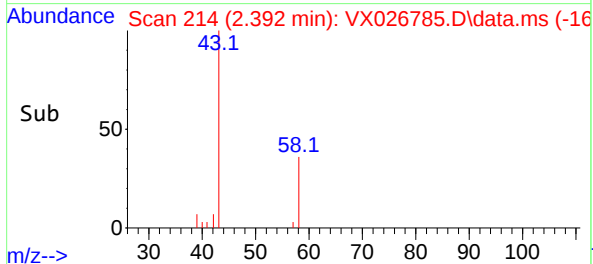
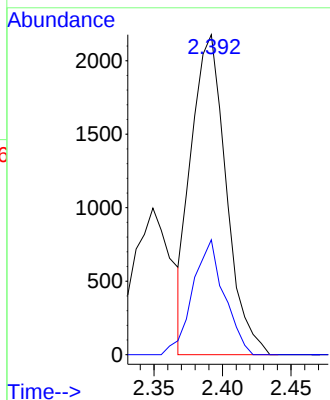
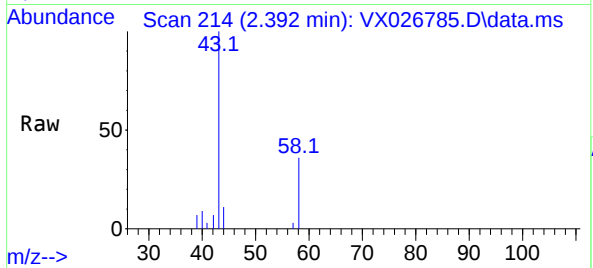




#16
Acetone
Concen: 4.023 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

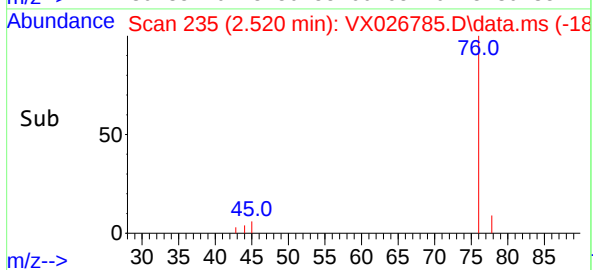
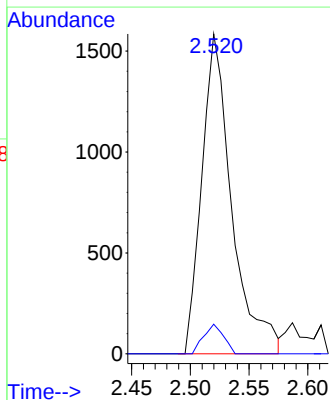
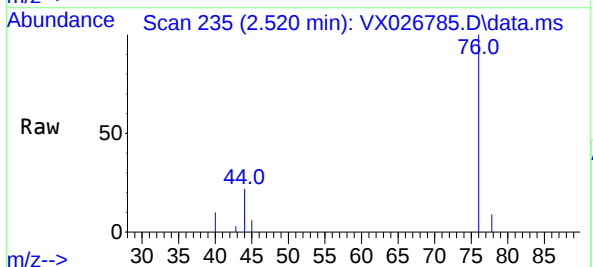
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

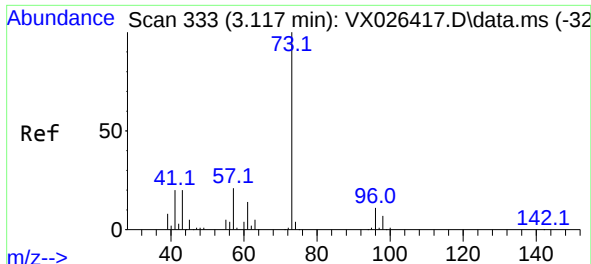
Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
58 35.9 23.0 34.6#



#17
Carbon Disulfide
Concen: 0.685 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

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

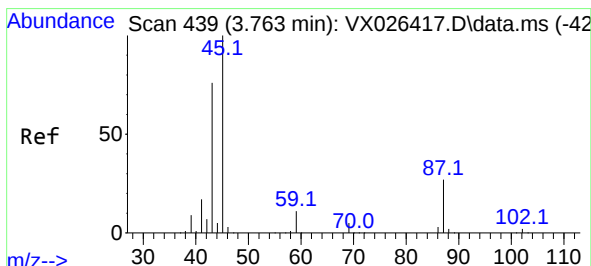
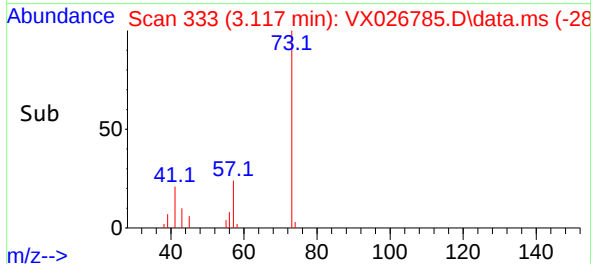
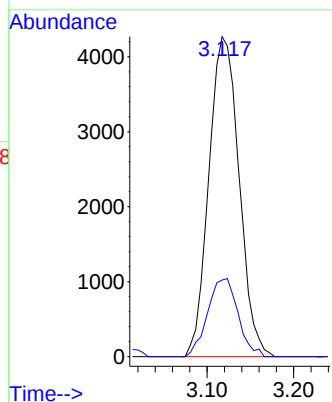
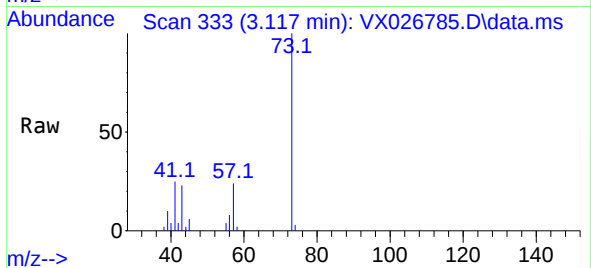




#19
Methyl tert-butyl Ether
Concen: 2.028 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

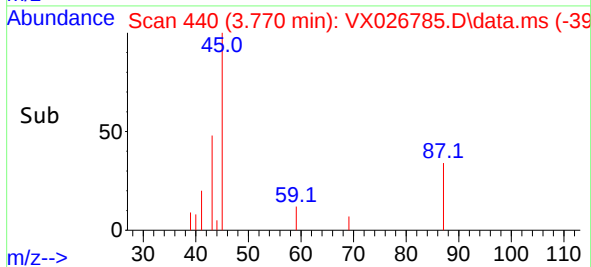
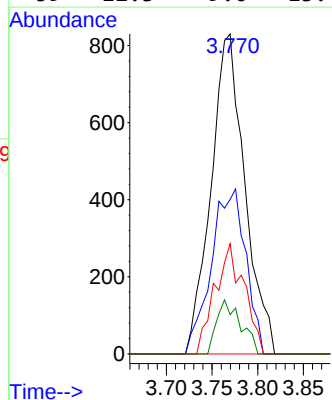
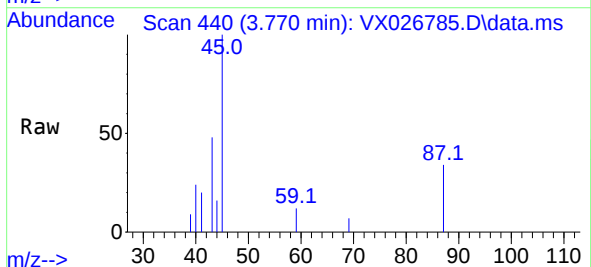
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

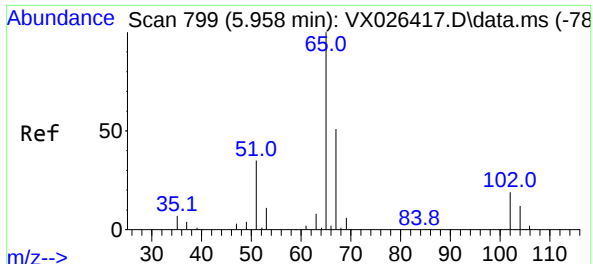
Tgt Ion: 73 Resp: 10349
Ion Ratio Lower Upper
73 100
57 23.9 17.4 26.2



#22
Diisopropyl ether
Concen: 0.407 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

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





#33

1,2-Dichloroethane-d4

Concen: 44.620 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026785.D

Acq: 07 Feb 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

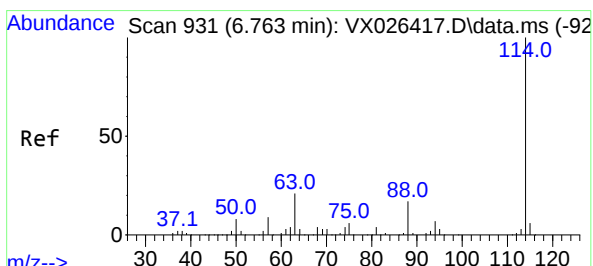
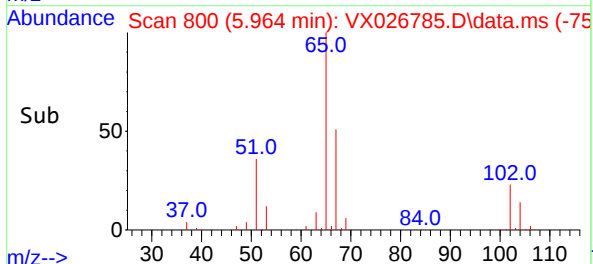
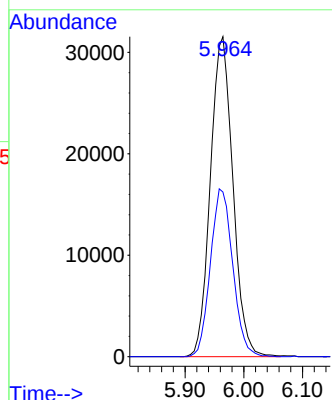
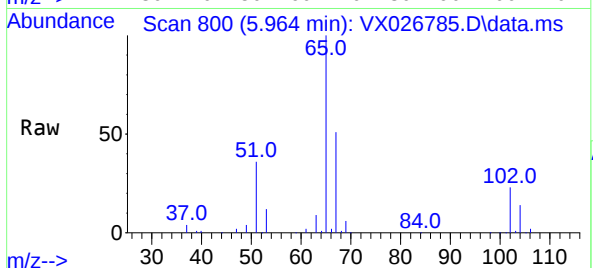
MW-9D

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# 932

Delta R.T. 0.006 min

Lab File: VX026785.D

Acq: 07 Feb 2022 15:29

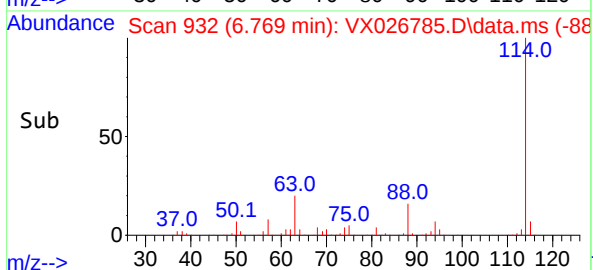
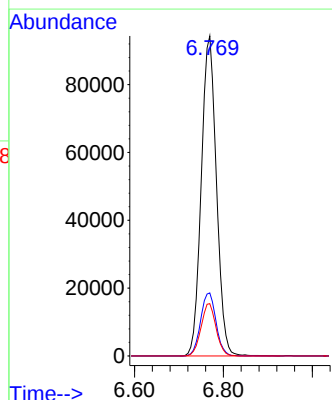
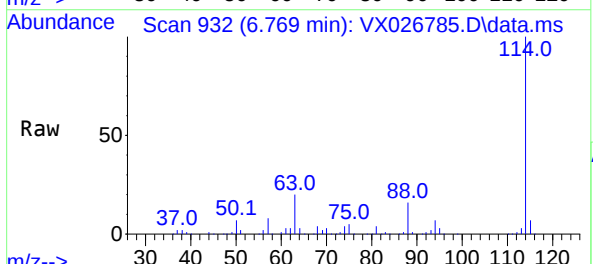
Tgt Ion:114 Resp: 224194

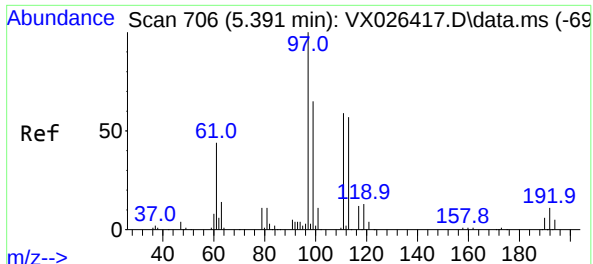
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

88 16.4 0.0 33.0

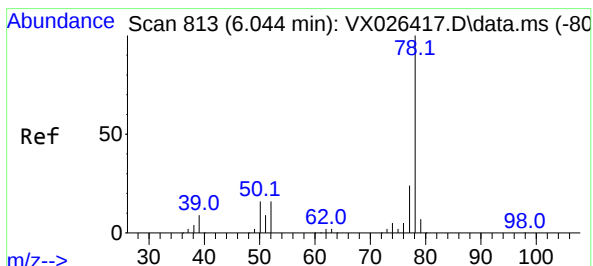
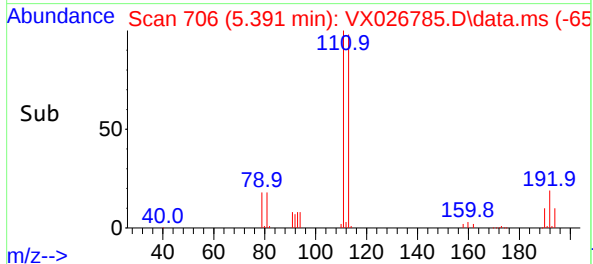
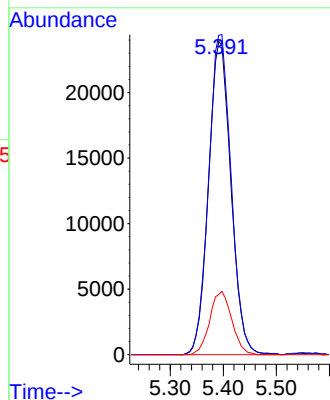
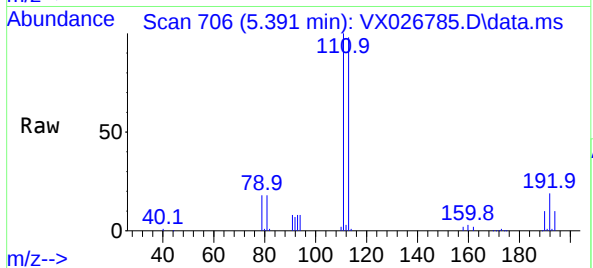




#35
Dibromofluoromethane
Concen: 48.461 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

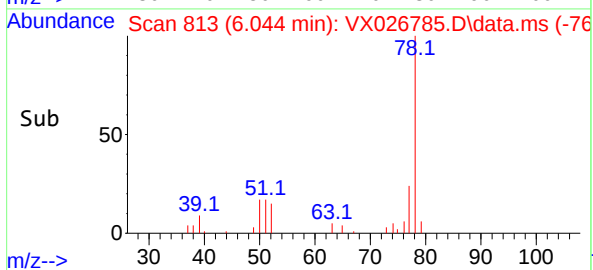
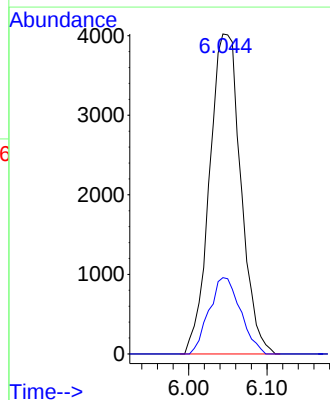
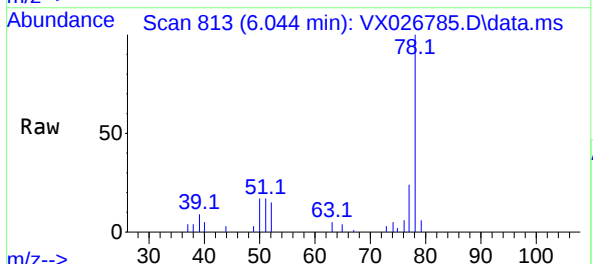
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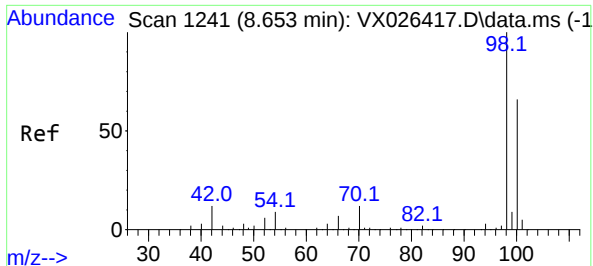
Tgt Ion:113 Resp: 70161
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.9 15.0 22.4



#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

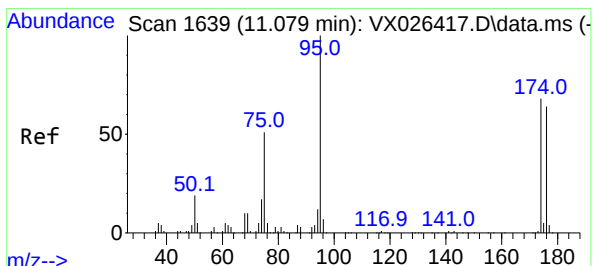
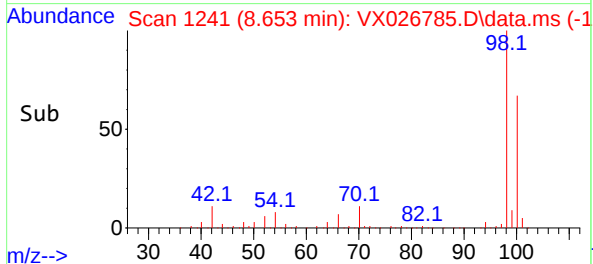
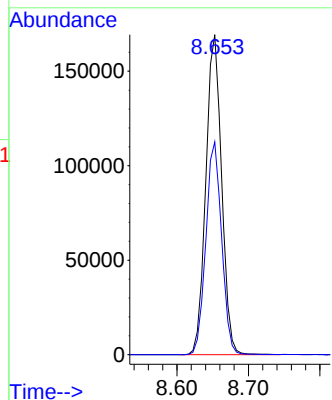
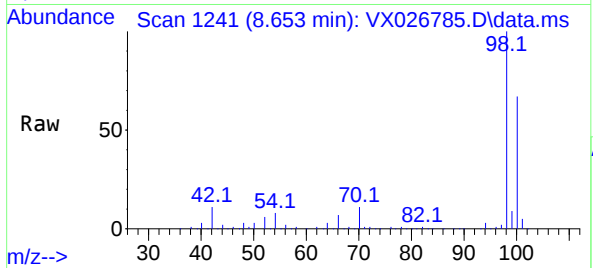




#50
Toluene-d8
Concen: 49.799 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

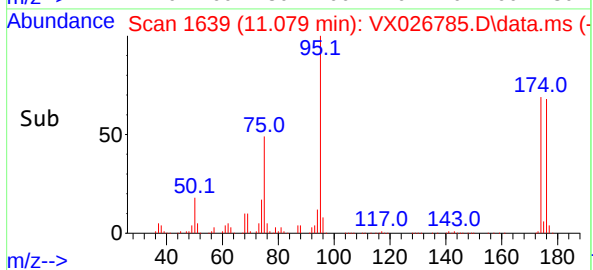
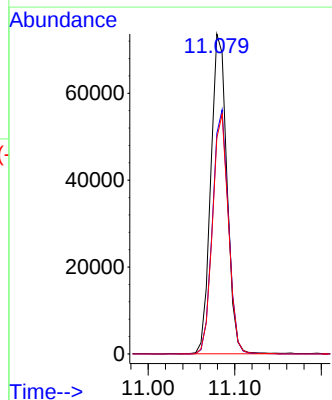
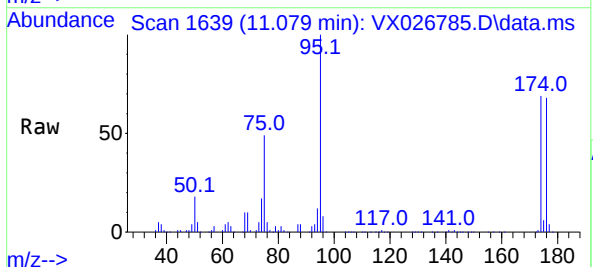
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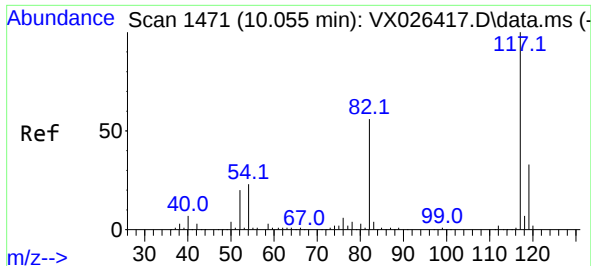
Tgt Ion: 98 Resp: 259811
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#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

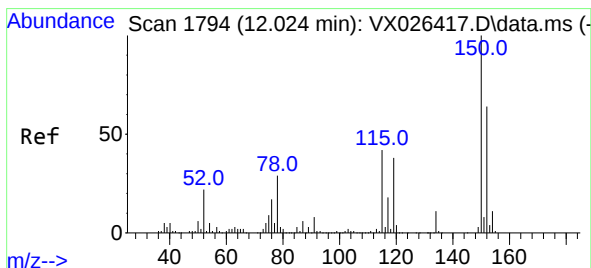
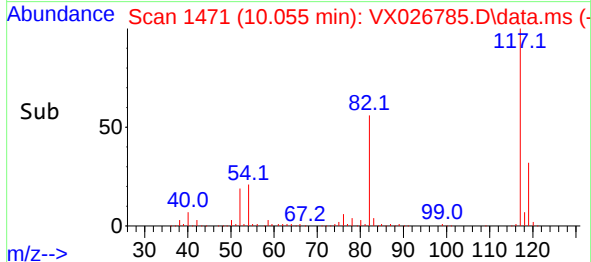
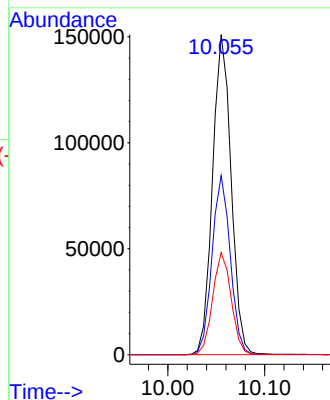
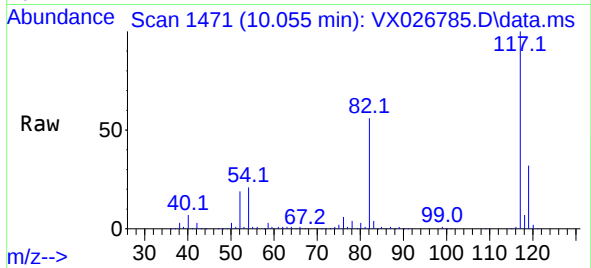




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026785.D
Acq: 07 Feb 2022 15:29

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

