

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026789.D
 Acq On : 07 Feb 2022 17:01
 Operator : JC/MD
 Sample : N1359-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Feb 07 23:31:20 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)

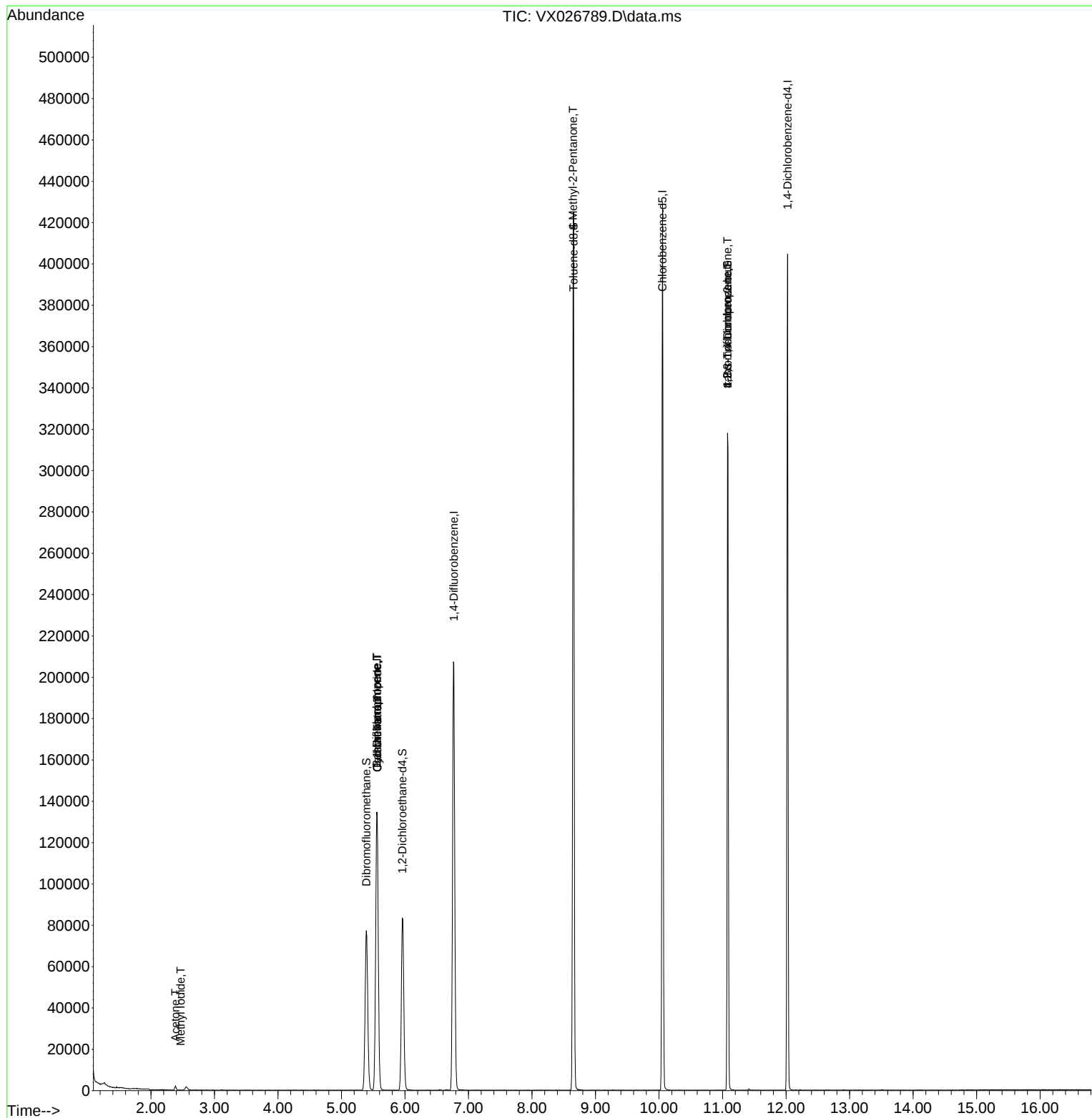
Internal Standards						
1) Pentafluorobenzene	5.556	168	129003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83303	46.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.460%
35) Dibromofluoromethane	5.391	113	67934	48.565	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	8.653	98	249647	49.525	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	88701	49.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	46	4.473	ug/l #	37
16) Acetone	2.386	43	2135	2.323	ug/l	99
31) Cyclohexane	5.562	56	2580	0.971	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9808	4.442	ug/l #	51
38) Carbon Tetrachloride	5.562	117	13214	5.817	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1017	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44210	24.741	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44210	75.256	ug/l #	4

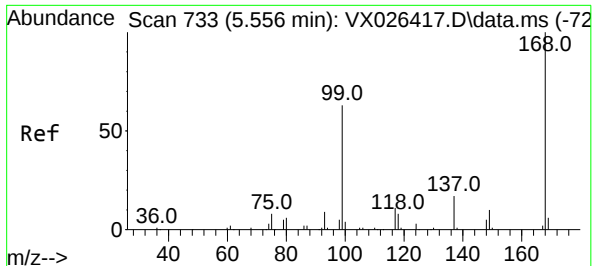
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

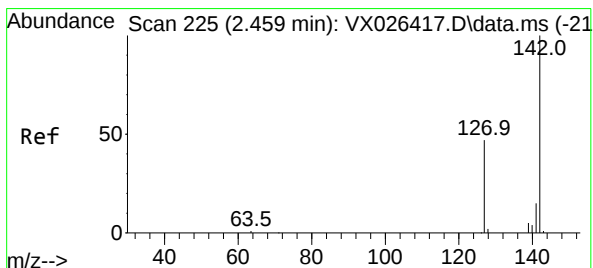
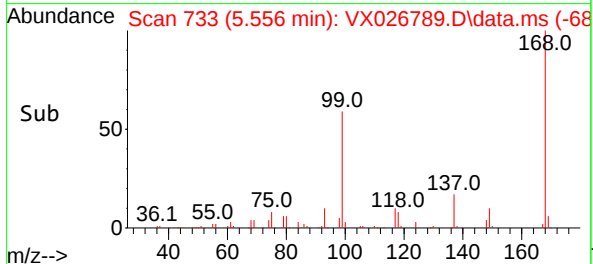
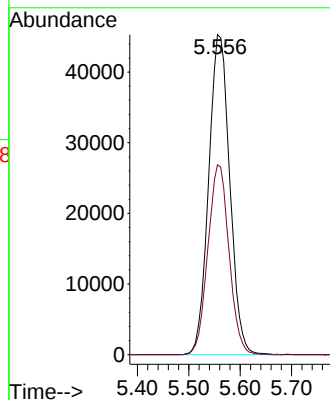
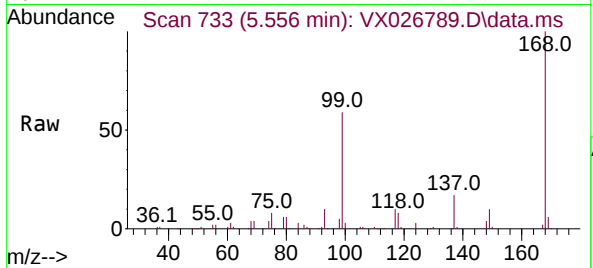




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026789.D
Acq: 07 Feb 2022 17:01

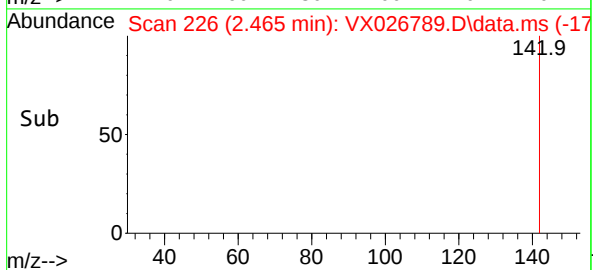
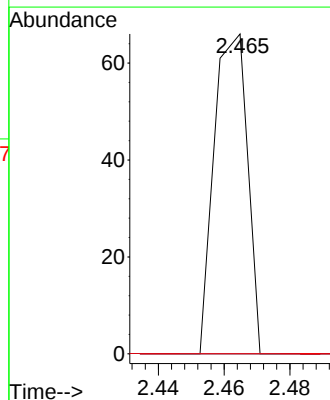
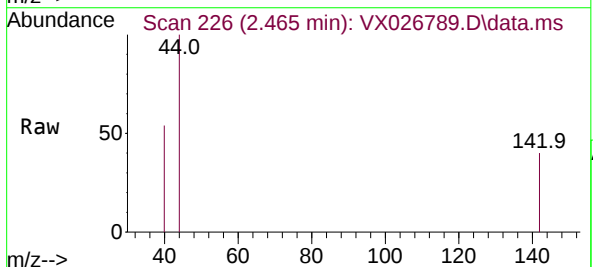
Instrument :
MSVOA_X
ClientSampleId :
MW-26

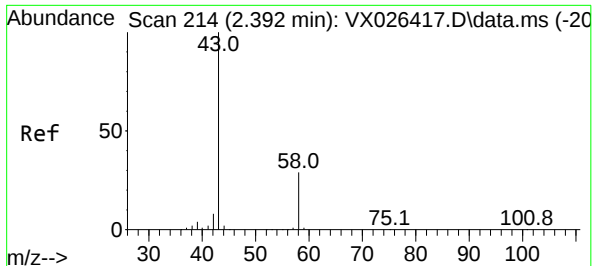
Tgt Ion:168 Resp: 129003
Ion Ratio Lower Upper
168 100
99 59.4 50.3 75.5



#10
Methyl Iodide
Concen: 4.473 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026789.D
Acq: 07 Feb 2022 17:01

Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

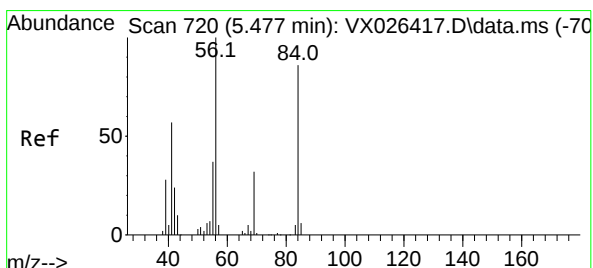
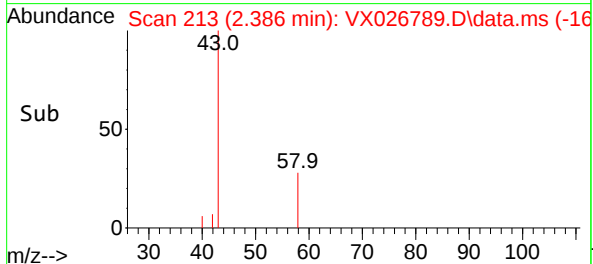
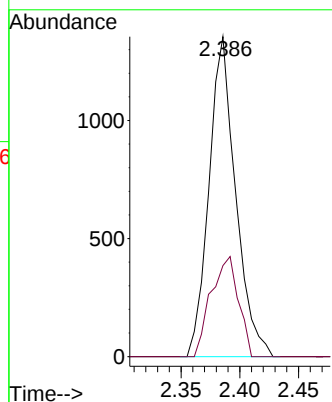
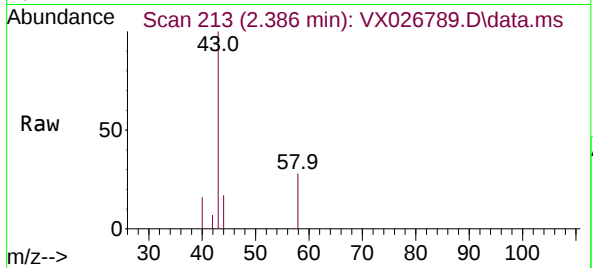




#16
Acetone
Concen: 2.323 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026789.D
Acq: 07 Feb 2022 17:01

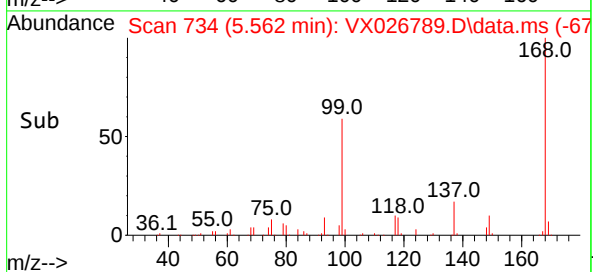
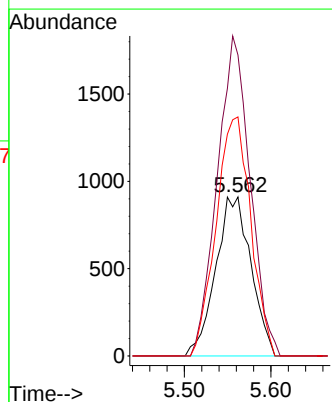
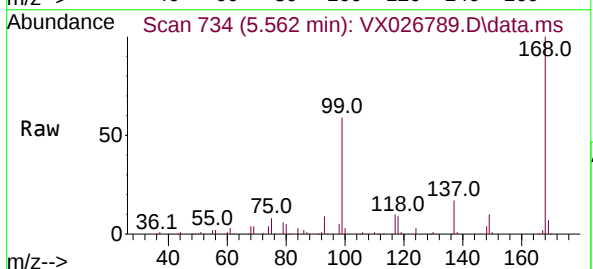
Instrument :
MSVOA_X
ClientSampleId :
MW-26

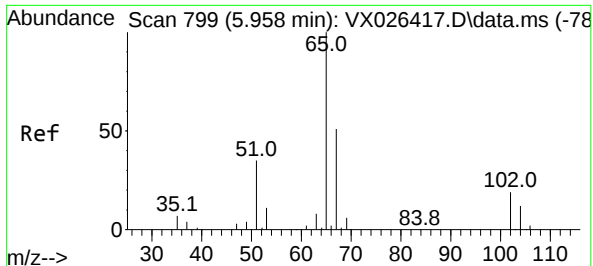
Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
58 28.4 23.0 34.6



#31
Cyclohexane
Concen: 0.971 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026789.D
Acq: 07 Feb 2022 17:01

Tgt Ion: 56 Resp: 2580
Ion Ratio Lower Upper
56 100
69 189.2 25.8 38.6#
84 150.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.226 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026789.D

Acq: 07 Feb 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

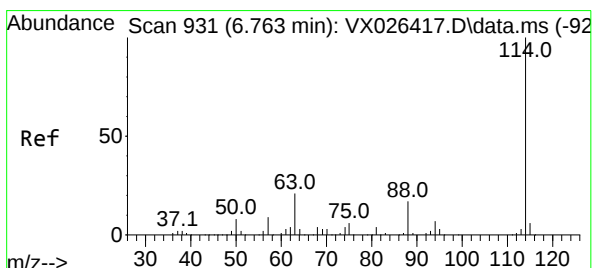
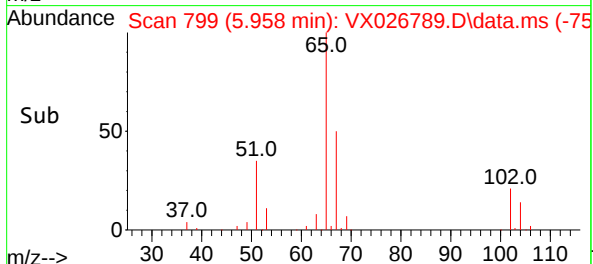
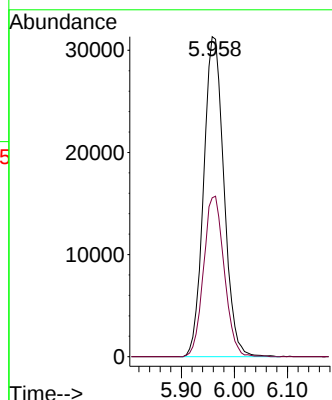
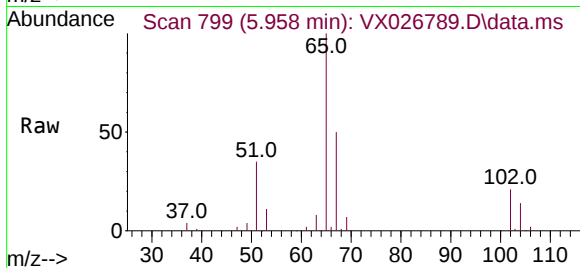
MW-26

Tgt Ion: 65 Resp: 83303

Ion Ratio Lower Upper

65 100

67 51.0 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: VX026789.D

Acq: 07 Feb 2022 17:01

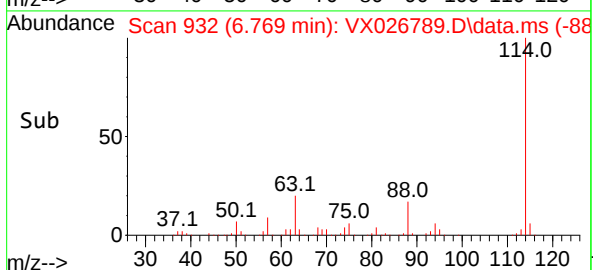
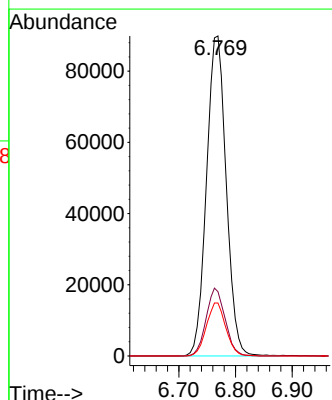
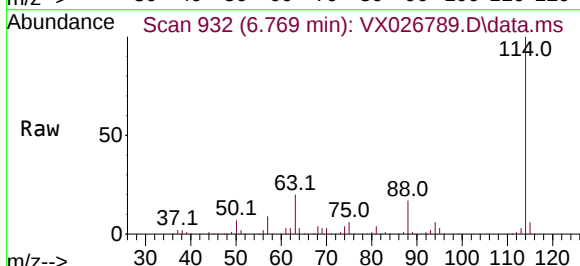
Tgt Ion: 114 Resp: 216615

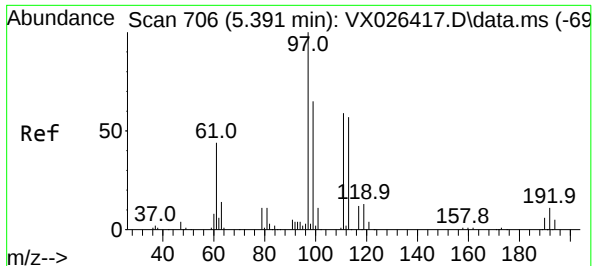
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.565 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026789.D

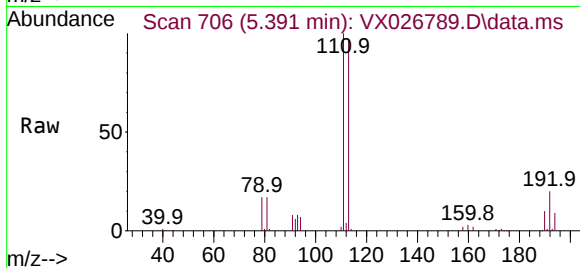
Acq: 07 Feb 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

MW-26



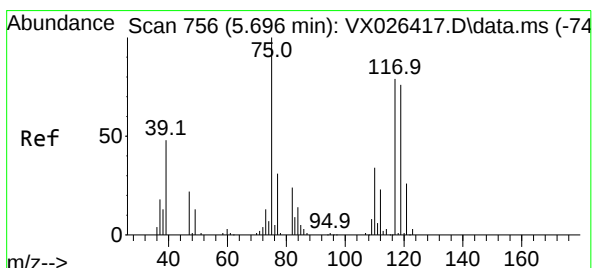
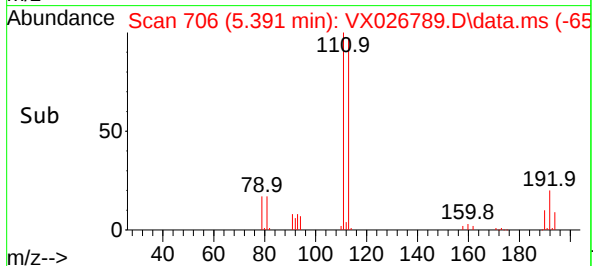
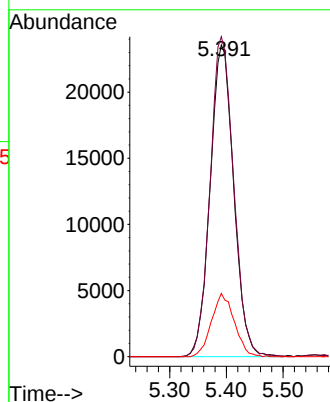
Tgt Ion:113 Resp: 67934

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

192 19.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.442 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026789.D

Acq: 07 Feb 2022 17:01

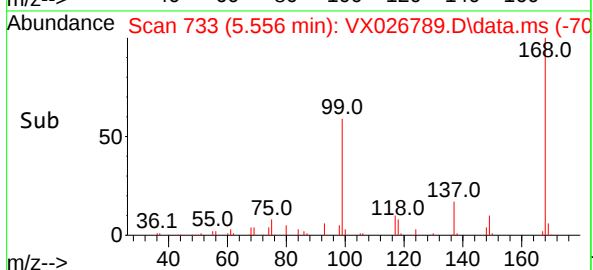
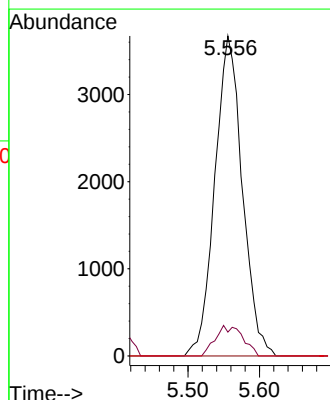
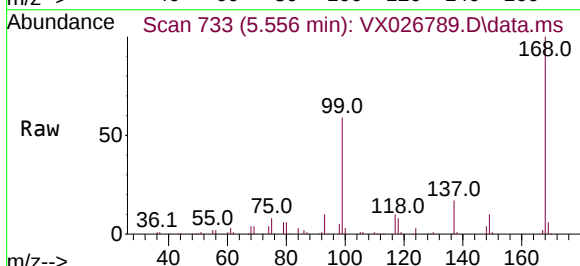
Tgt Ion: 75 Resp: 9808

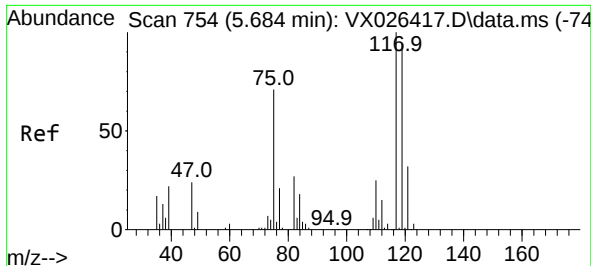
Ion Ratio Lower Upper

75 100

110 9.4 17.2 51.6#

77 0.0 24.6 36.8#

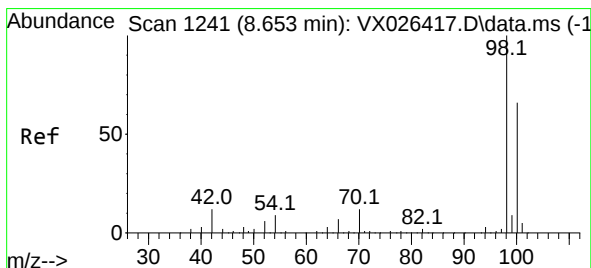
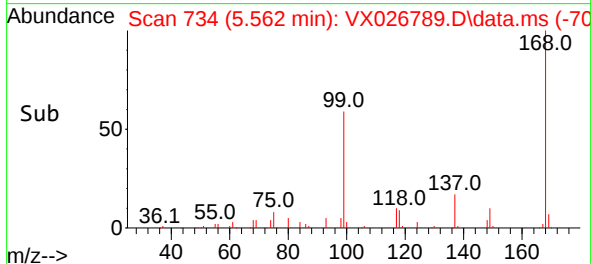
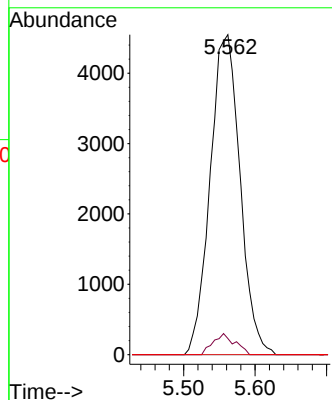
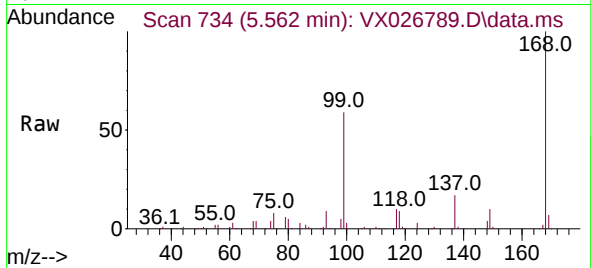




#38
Carbon Tetrachloride
Concen: 5.817 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026789.D
Acq: 07 Feb 2022 17:01

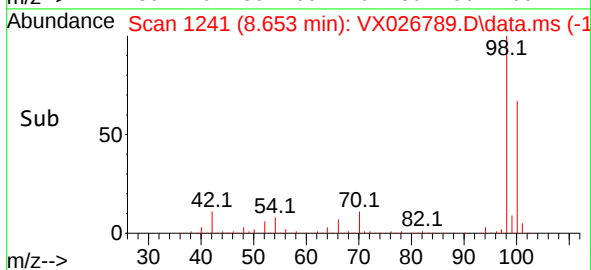
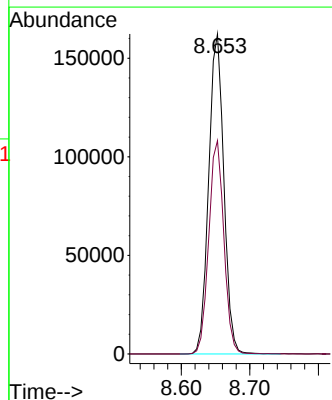
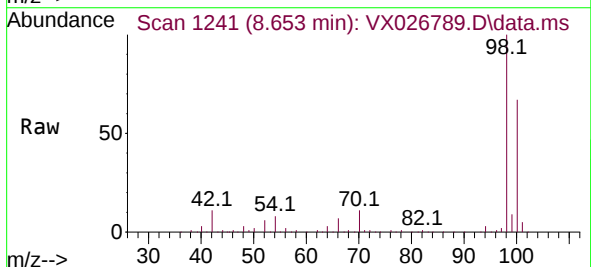
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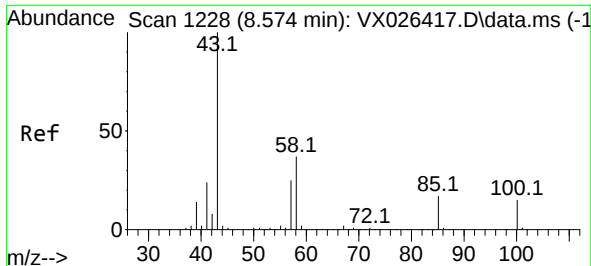
Tgt Ion:117 Resp: 13214
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.525 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026789.D
Acq: 07 Feb 2022 17:01

Tgt Ion: 98 Resp: 249647
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.475 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026789.D

Acq: 07 Feb 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

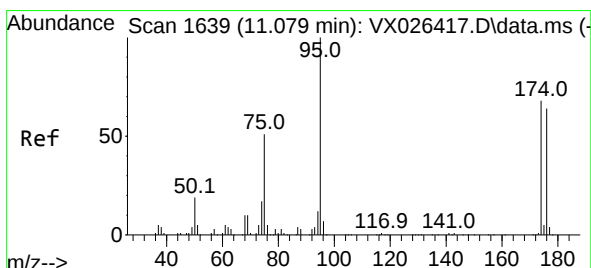
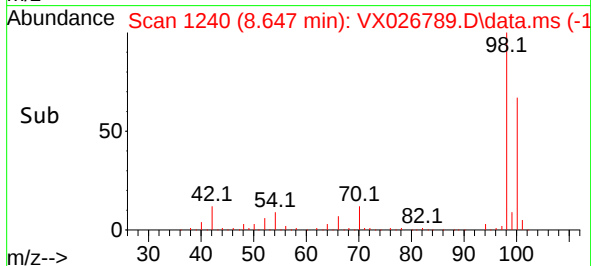
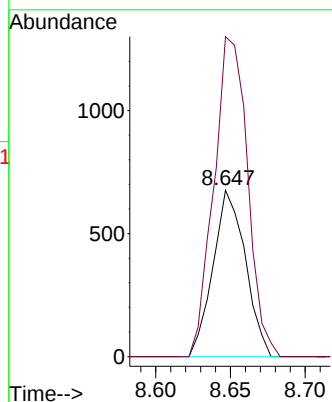
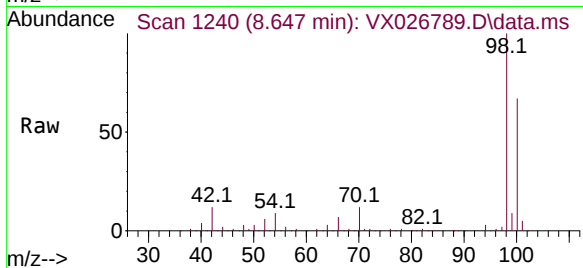
MW-26

Tgt Ion: 43 Resp: 1017

Ion Ratio Lower Upper

43 100

58 200.5 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 49.535 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX026789.D

Acq: 07 Feb 2022 17:01

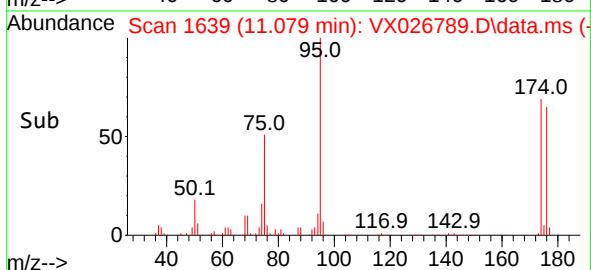
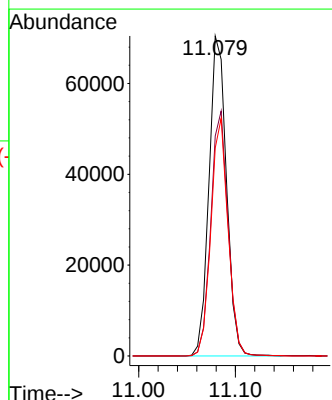
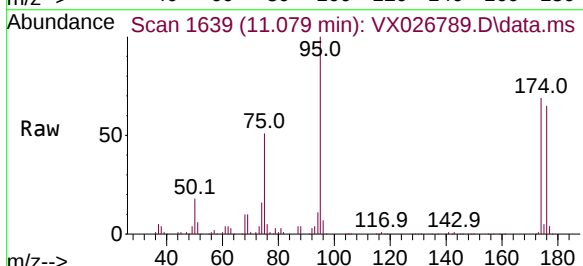
Tgt Ion: 95 Resp: 88701

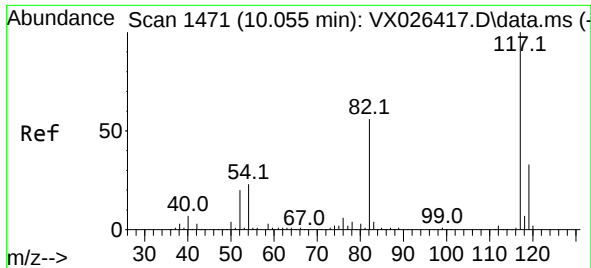
Ion Ratio Lower Upper

95 100

174 75.5 0.0 148.6

176 72.6 0.0 141.4

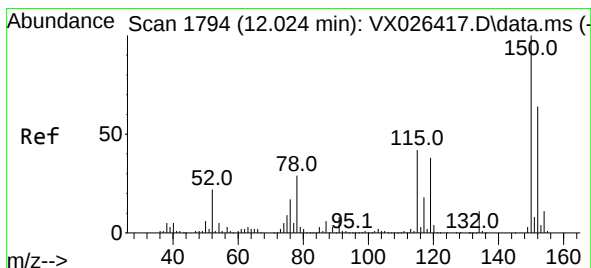
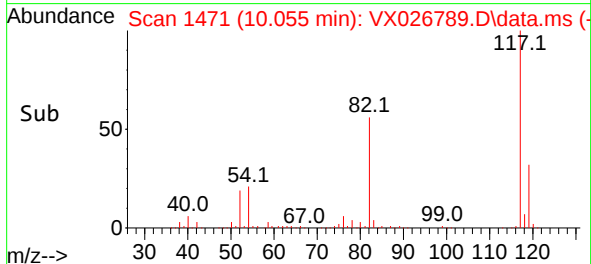
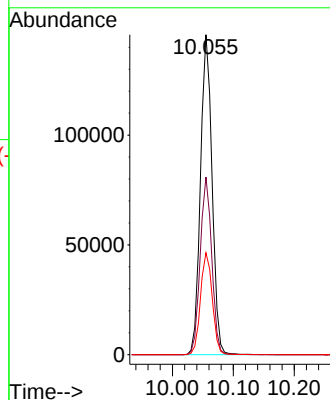
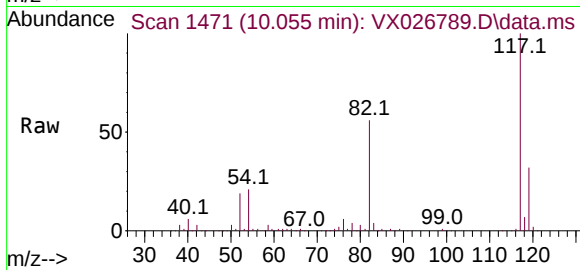




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026789.D
Acq: 07 Feb 2022 17:01

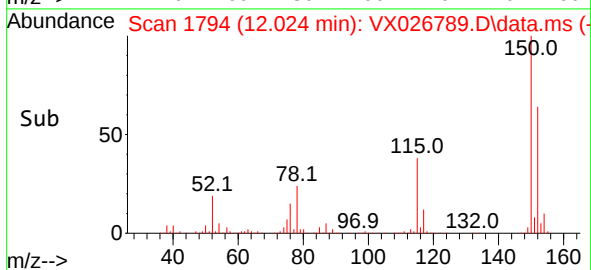
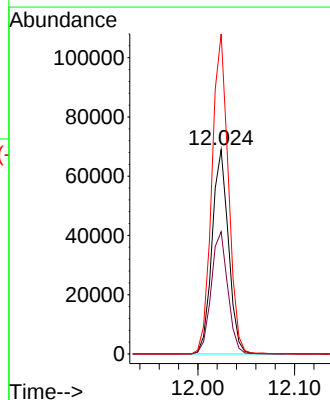
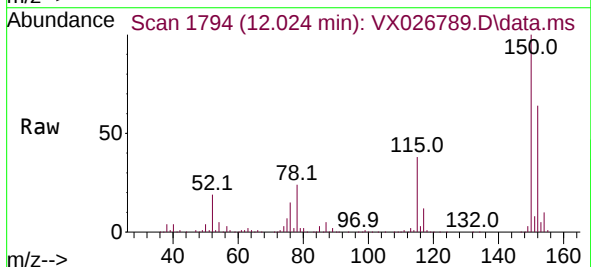
Instrument :
MSVOA_X
ClientSampleId :
MW-26

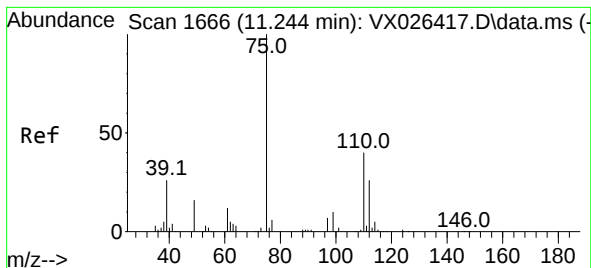
Tgt Ion:117 Resp: 192244
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026789.D
Acq: 07 Feb 2022 17:01

Tgt Ion:152 Resp: 81156
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 157.6 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 24.741 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026789.D

Acq: 07 Feb 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

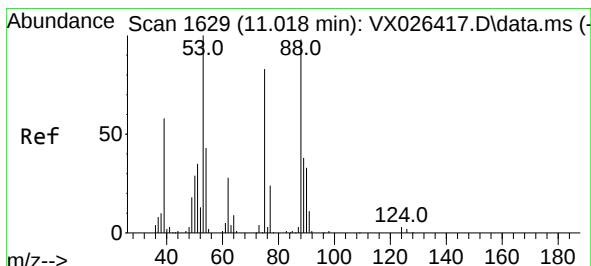
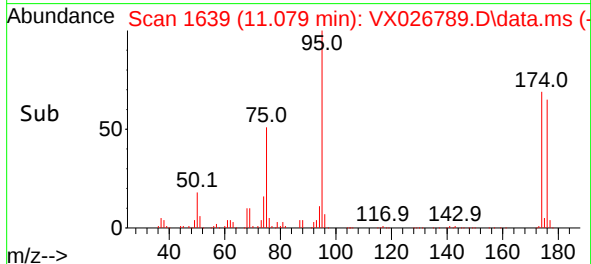
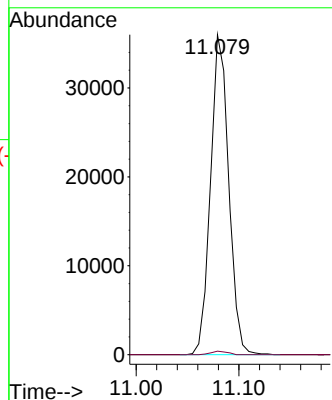
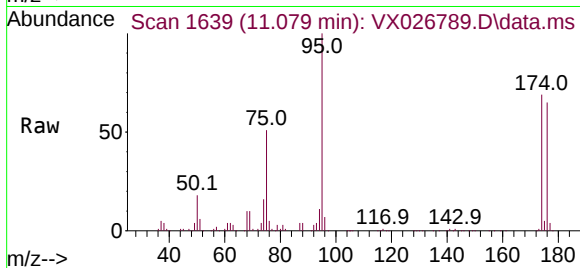
MW-26

Tgt Ion: 75 Resp: 44210

Ion Ratio Lower Upper

75 100

77 1.0 18.3 54.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.256 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026789.D

Acq: 07 Feb 2022 17:01

Tgt Ion: 75 Resp: 44210

Ion Ratio Lower Upper

75 100

53 0.0 94.0 141.0#

89 0.1 37.0 55.4#

