

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026949.D
 Acq On : 11 Feb 2022 03:31
 Operator : JC/MD
 Sample : N1467-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23S

Quant Time: Feb 11 04:09:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

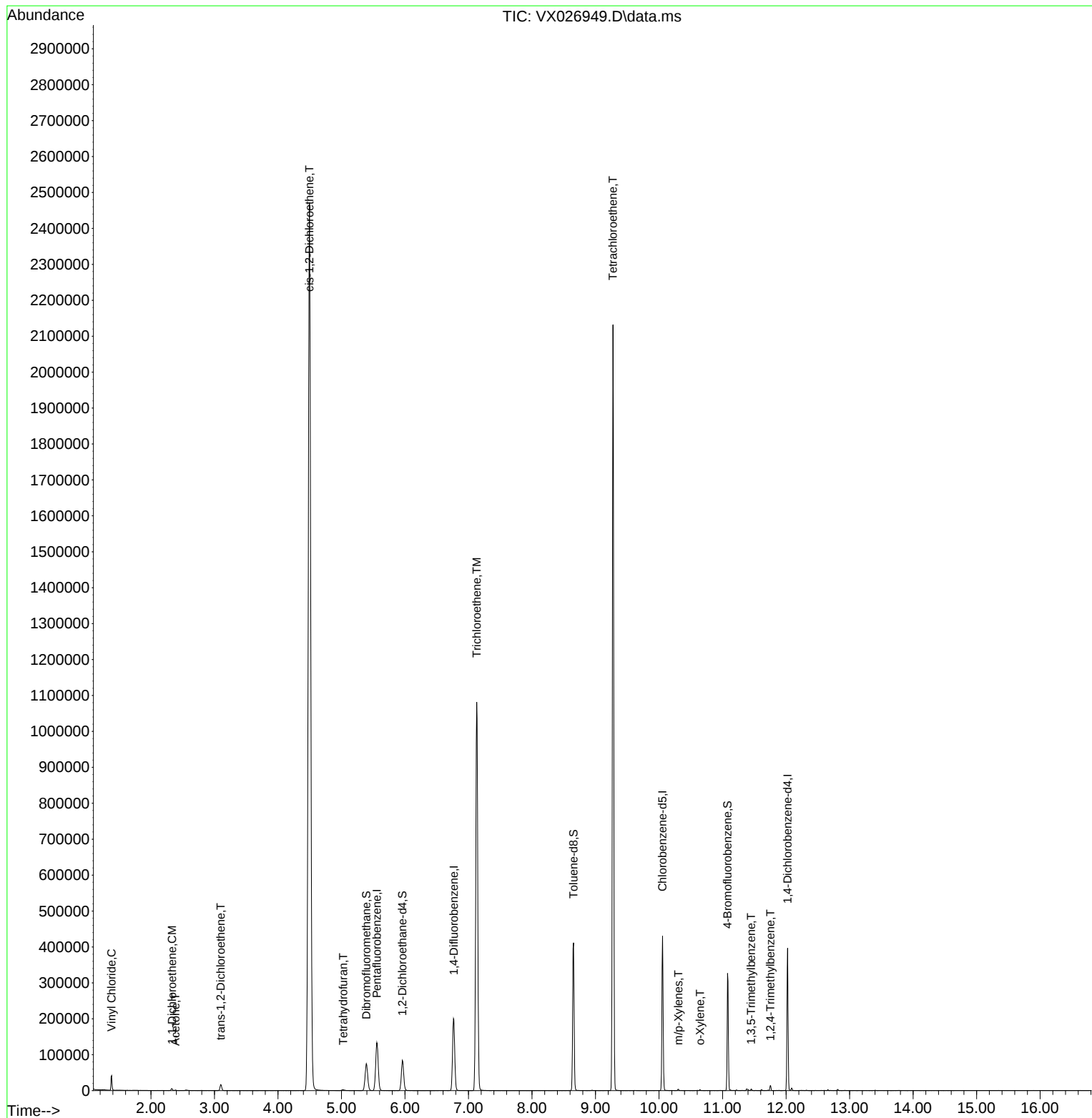
Internal Standards						
1) Pentafluorobenzene	5.556	168	125521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	210626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79926	53.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.100%	
35) Dibromofluoromethane	5.391	113	65921	52.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.060%	
50) Toluene-d8	8.653	98	245606	53.320	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	11.079	95	88929	54.836	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.680%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.380	62	26023	19.579	ug/l	99
12) 1,1-Dichloroethene	2.331	96	1971	1.534	ug/l	93
16) Acetone	2.386	43	1689	2.552	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	6981	5.164	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	1552175	1000.075	ug/l	88
29) Tetrahydrofuran	5.026	42	2542	3.507	ug/l	97
44) Trichloroethene	7.129	130	429004	247.641	ug/l	95
64) Tetrachloroethene	9.275	164	389473	204.227	ug/l	97
68) m/p-Xylenes	10.305	106	882	0.330	ug/l	97
69) o-Xylene	10.647	106	548	0.209	ug/l	87
80) 1,3,5-Trimethylbenzene	11.451	105	1909	0.372	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	6416	1.240	ug/l	96

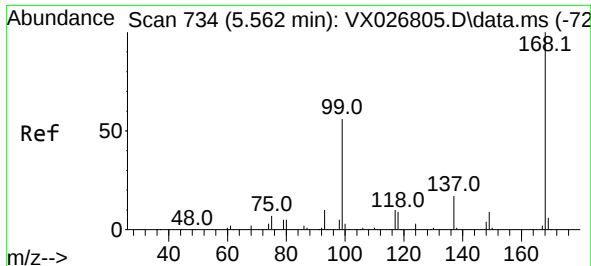
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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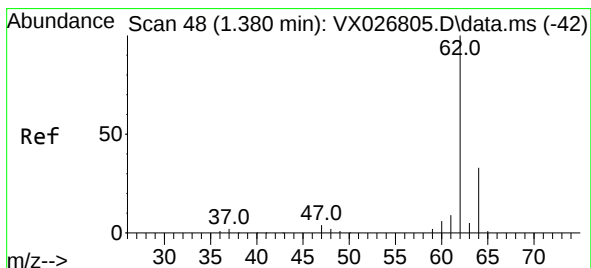
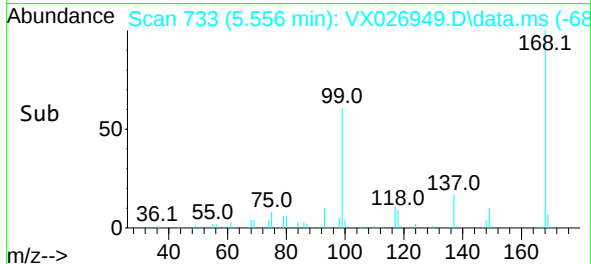
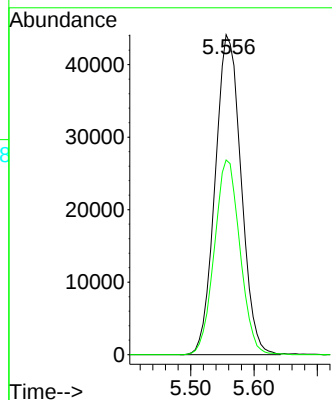
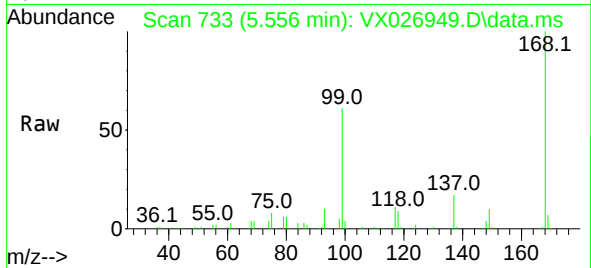




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

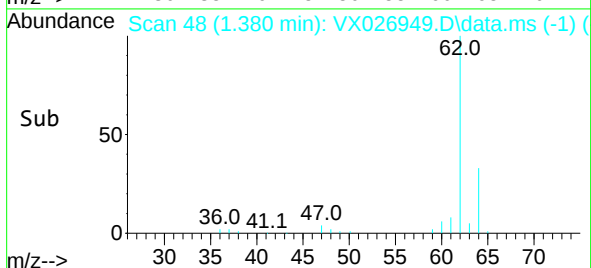
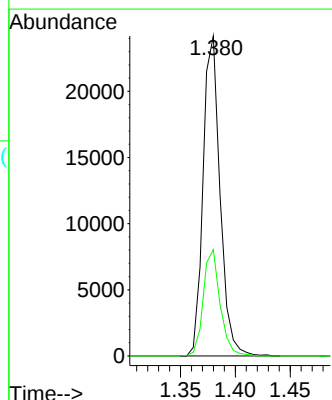
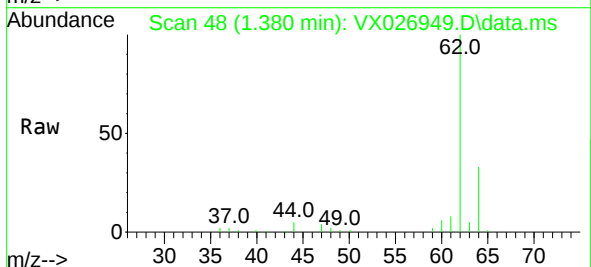
Instrument :
MSVOA_X
ClientSampleId :
MW-23S

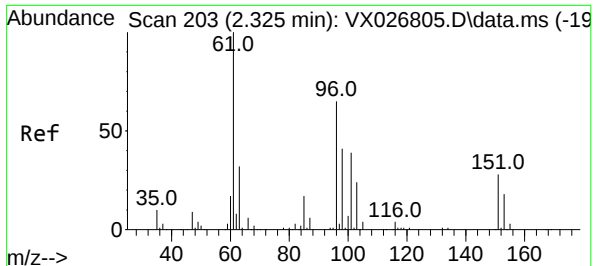
Tgt Ion:168 Resp: 125521
Ion Ratio Lower Upper
168 100
99 60.9 50.3 75.5



#4
Vinyl Chloride
Concen: 19.579 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

Tgt Ion: 62 Resp: 26023
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2





#12

1,1-Dichloroethene

Concen: 1.534 ug/l

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX026949.D

Acq: 11 Feb 2022 03:31

Instrument :

MSVOA_X

ClientSampleId :

MW-23S

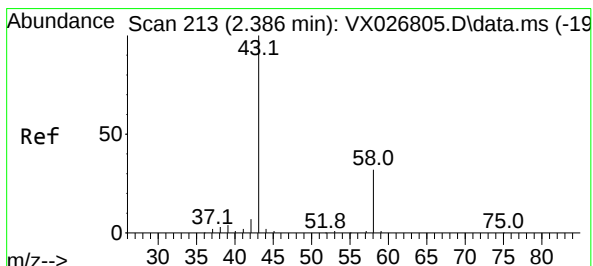
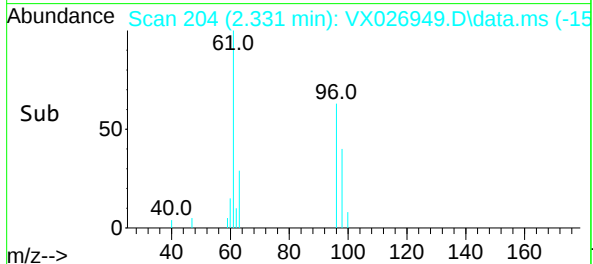
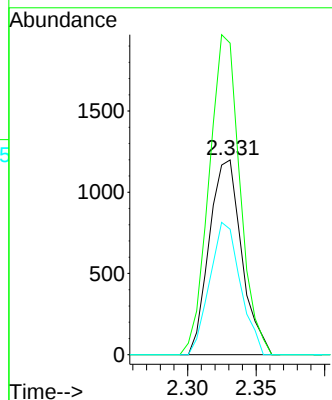
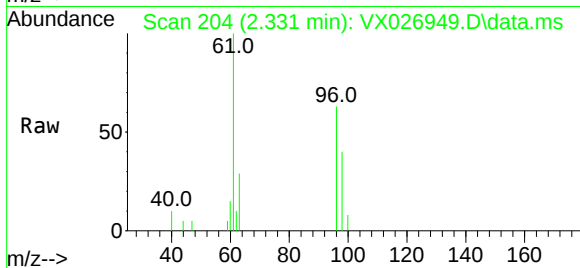
Tgt Ion: 96 Resp: 1971

Ion Ratio Lower Upper

96 100

61 160.0 138.5 207.7

98 64.4 51.8 77.6



#16

Acetone

Concen: 2.552 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026949.D

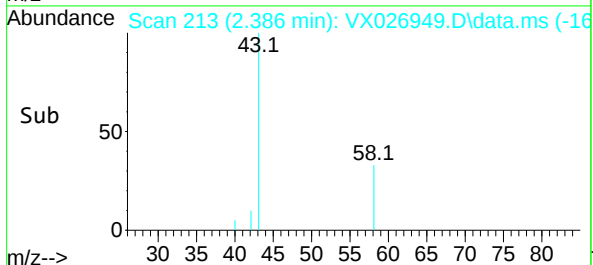
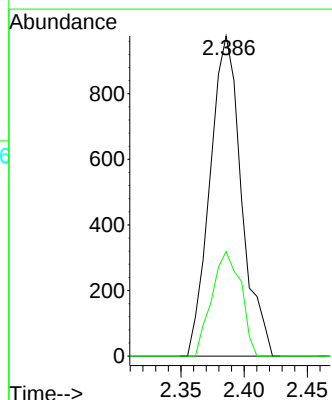
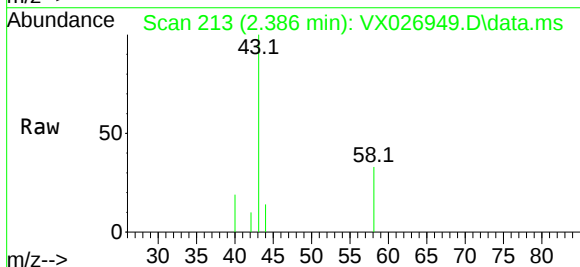
Acq: 11 Feb 2022 03:31

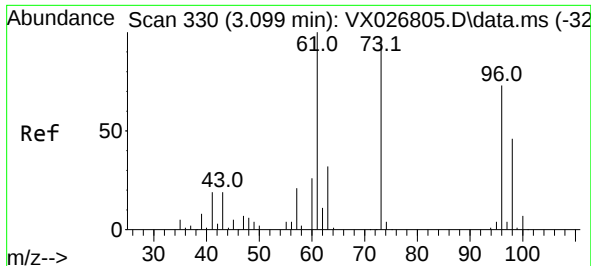
Tgt Ion: 43 Resp: 1689

Ion Ratio Lower Upper

43 100

58 32.7 23.0 34.6

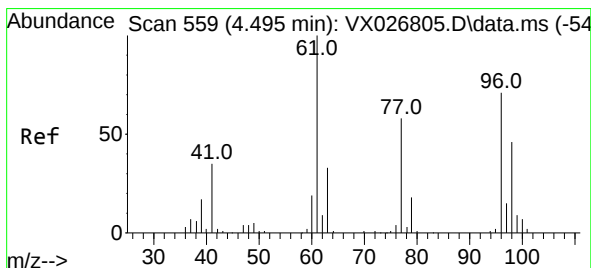
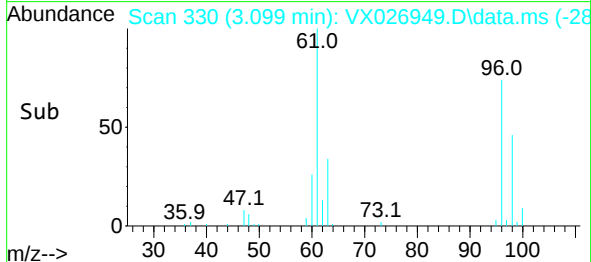
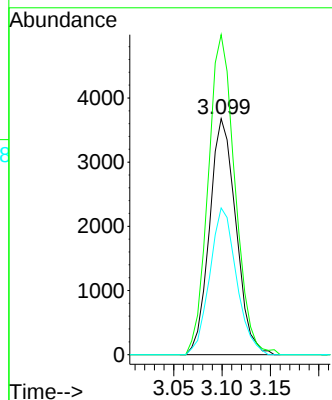
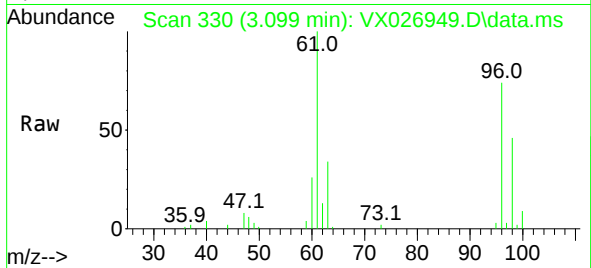




#21
trans-1,2-Dichloroethene
Concen: 5.164 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

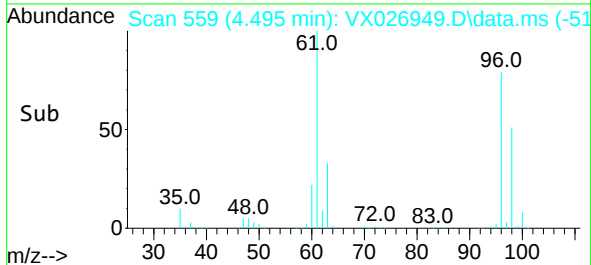
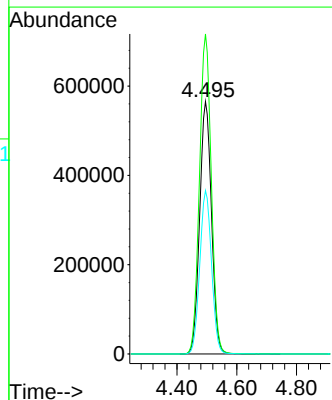
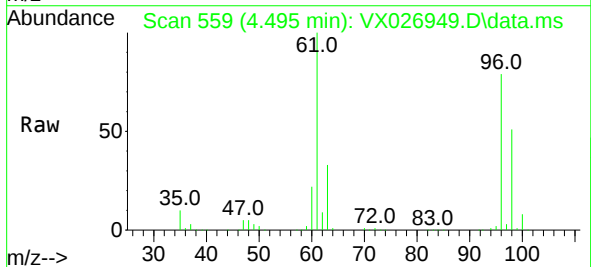
Instrument :
MSVOA_X
ClientSampleId :
MW-23S

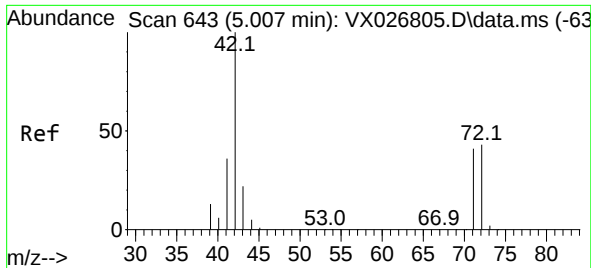
Tgt Ion: 96 Resp: 6981
Ion Ratio Lower Upper
96 100
61 135.6 112.9 169.3
98 62.2 49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 1000.075 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

Tgt Ion: 96 Resp: 1552175
Ion Ratio Lower Upper
96 100
61 126.9 0.0 296.6
98 64.5 0.0 128.8





#29

Tetrahydrofuran

Concen: 3.507 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX026949.D

Acq: 11 Feb 2022 03:31

Instrument :

MSVOA_X

ClientSampleId :

MW-23S

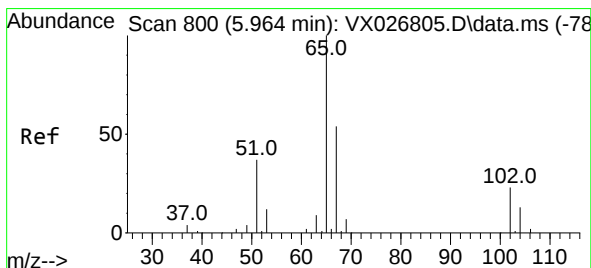
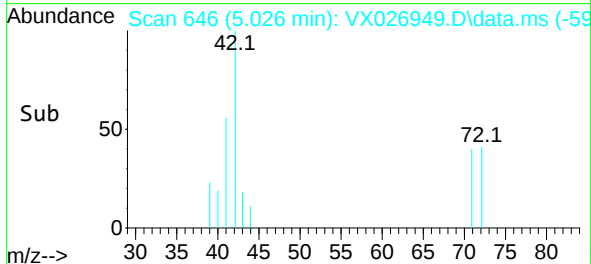
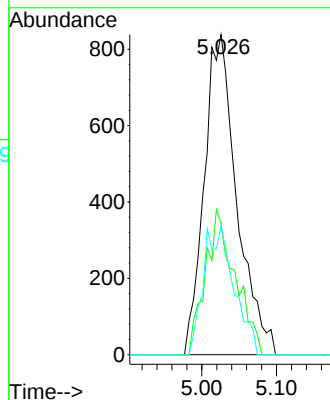
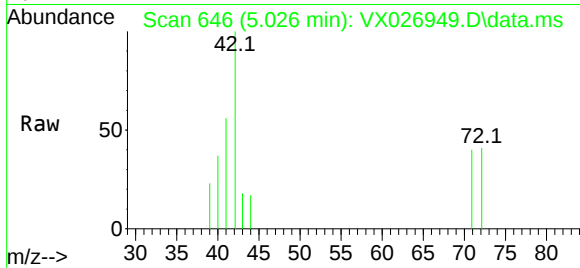
Tgt Ion: 42 Resp: 2542

Ion Ratio Lower Upper

42 100

72 41.5 34.6 52.0

71 37.4 31.8 47.8



#33

1,2-Dichloroethane-d4

Concen: 53.045 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026949.D

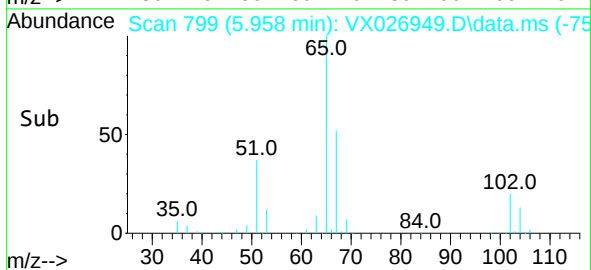
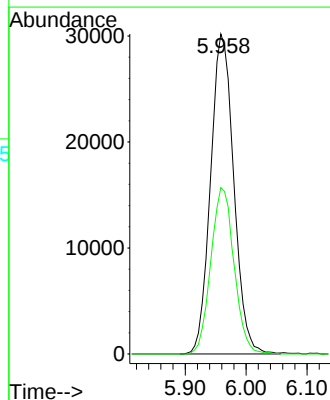
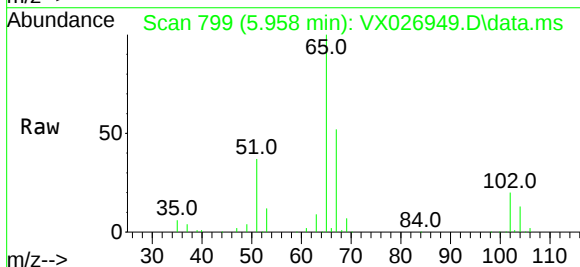
Acq: 11 Feb 2022 03:31

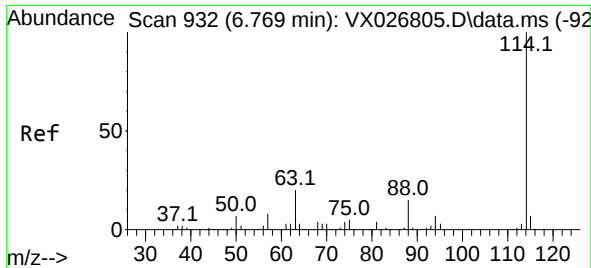
Tgt Ion: 65 Resp: 79926

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8

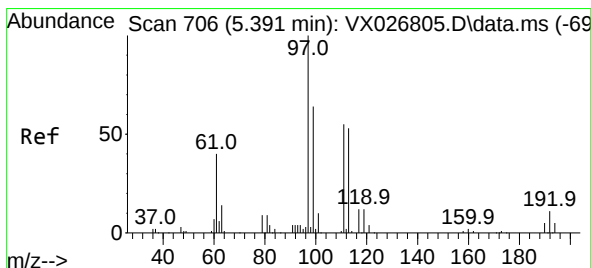
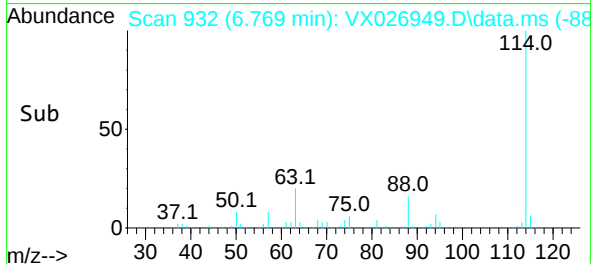
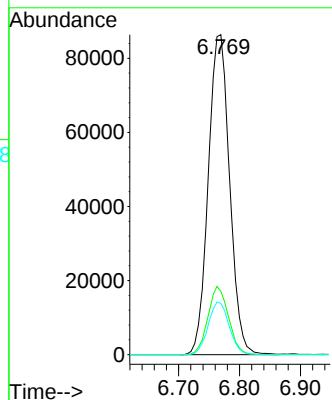
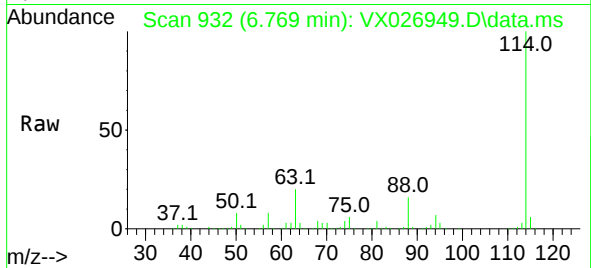




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

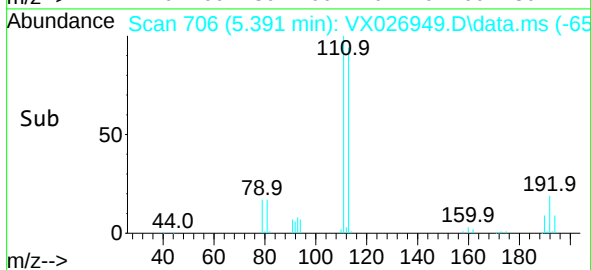
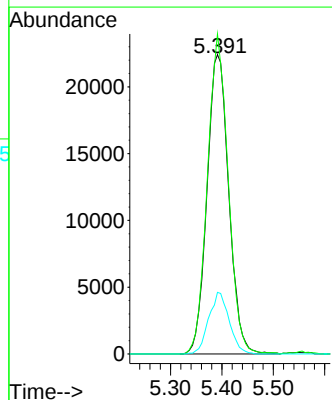
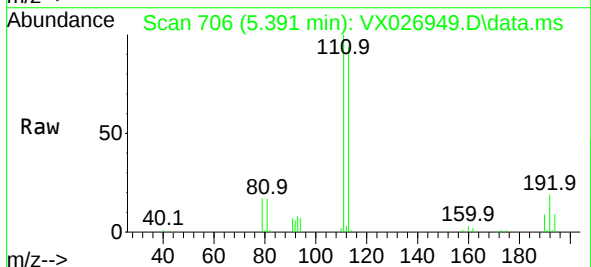
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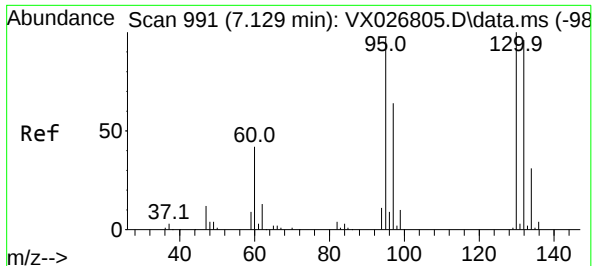
Tgt Ion:114 Resp: 210626
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.532 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

Tgt Ion:113 Resp: 65921
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.3 15.0 22.4

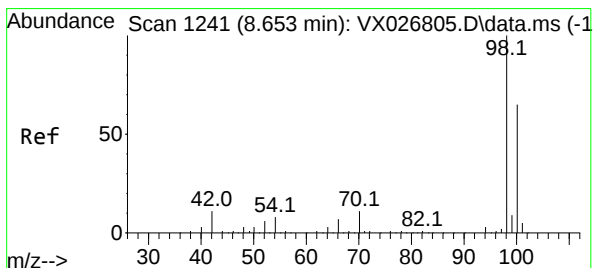
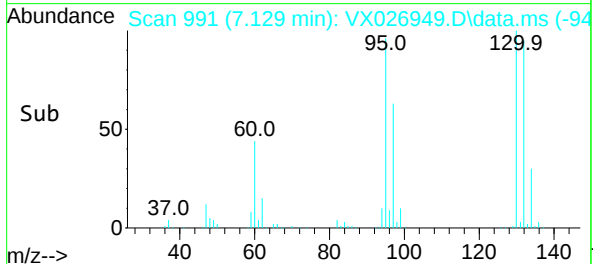
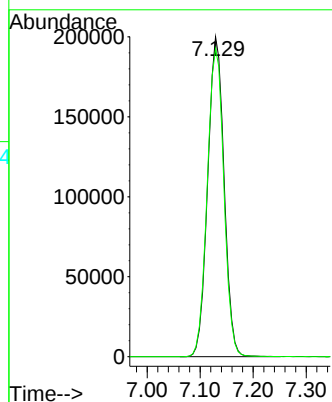
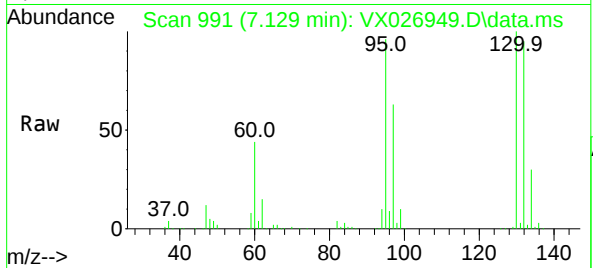




#44
Trichloroethene
Concen: 247.641 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

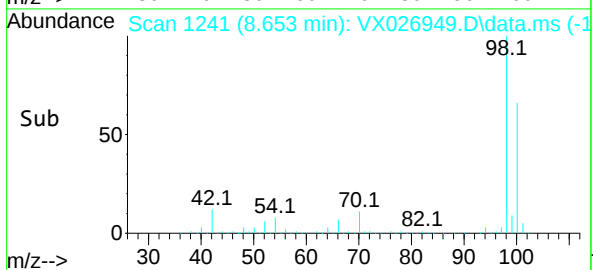
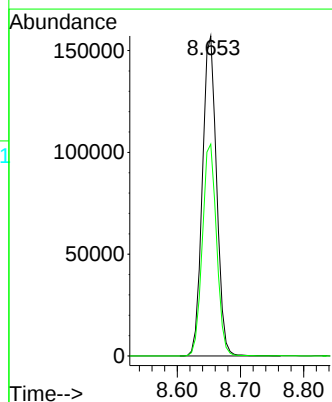
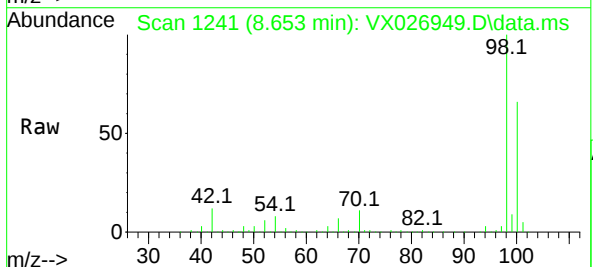
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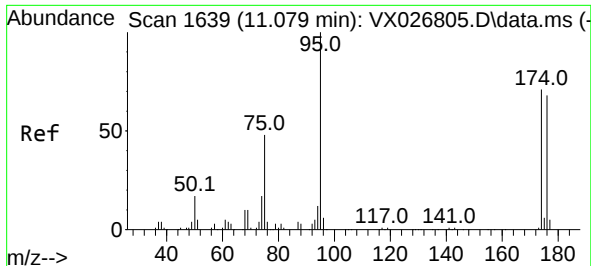
Tgt Ion:130 Resp: 429004
Ion Ratio Lower Upper
130 100
95 96.3 0.0 202.6



#50
Toluene-d8
Concen: 53.320 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

Tgt Ion: 98 Resp: 245606
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

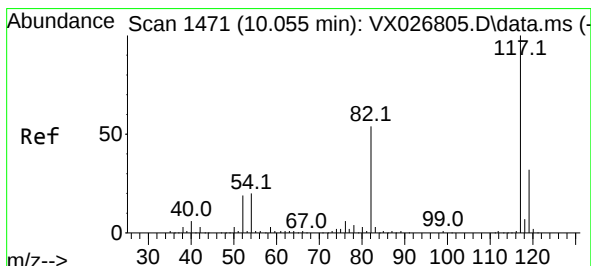
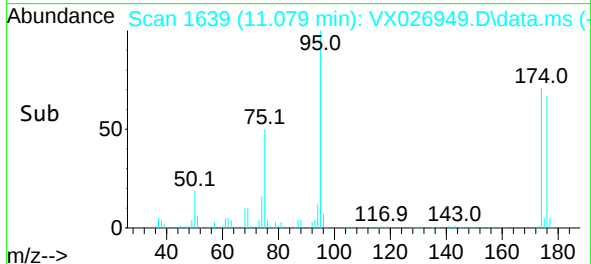
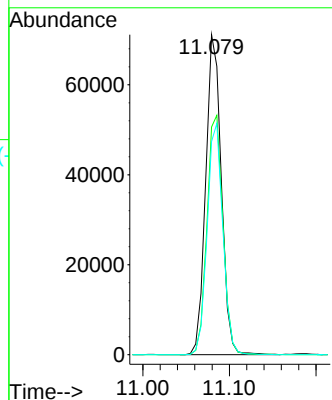
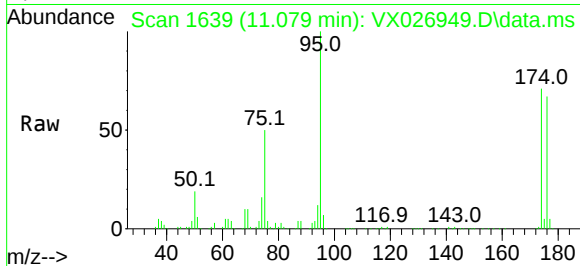




#62
4-Bromofluorobenzene
Concen: 54.836 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

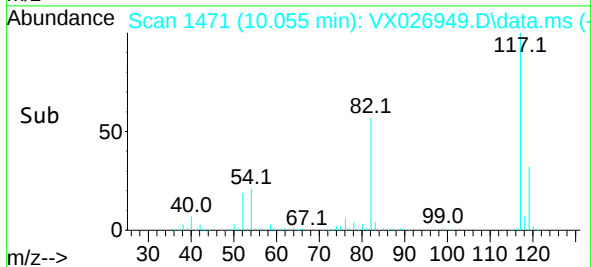
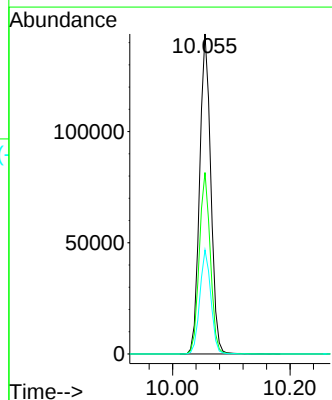
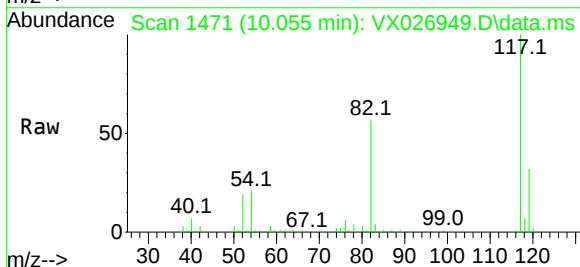
Instrument :
MSVOA_X
ClientSampleId :
MW-23S

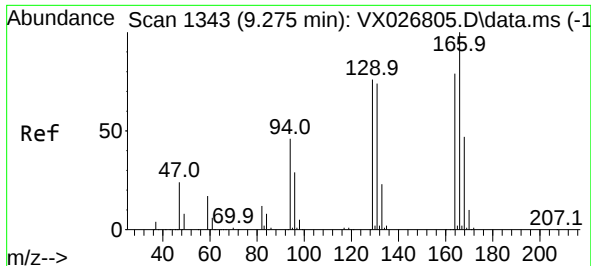
Tgt Ion: 95 Resp: 88929
Ion Ratio Lower Upper
95 100
174 76.5 0.0 148.6
176 72.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

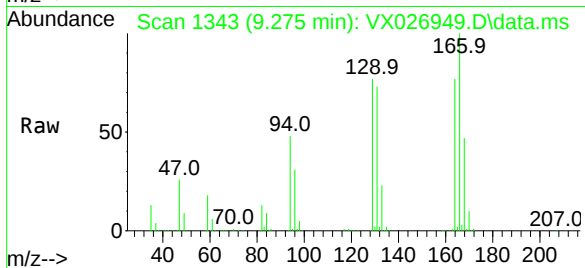
Tgt Ion: 117 Resp: 189879
Ion Ratio Lower Upper
117 100
82 56.7 45.2 67.8
119 32.5 26.2 39.2



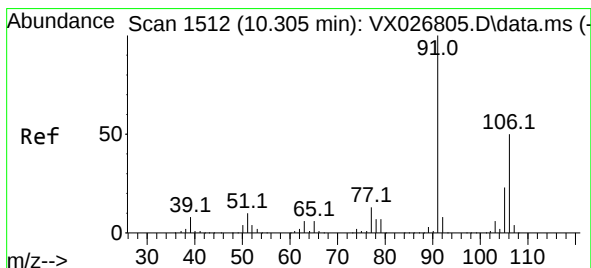
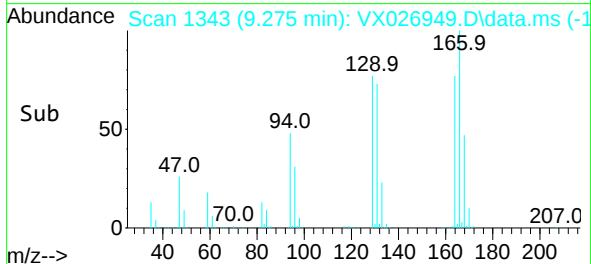
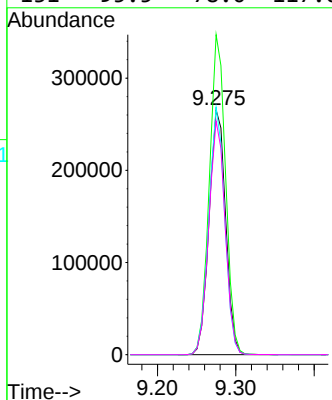


#64
Tetrachloroethene
Concen: 204.227 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

Instrument :
MSVOA_X
ClientSampleId :
MW-23S

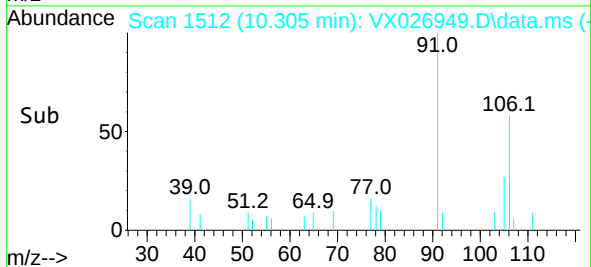
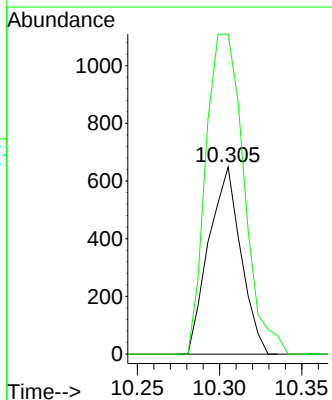
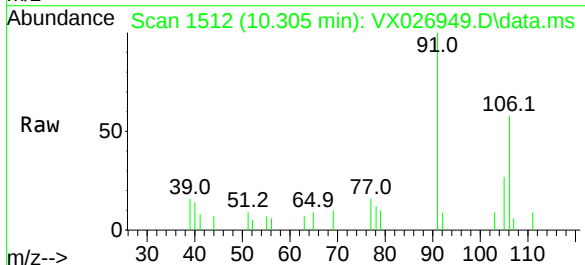


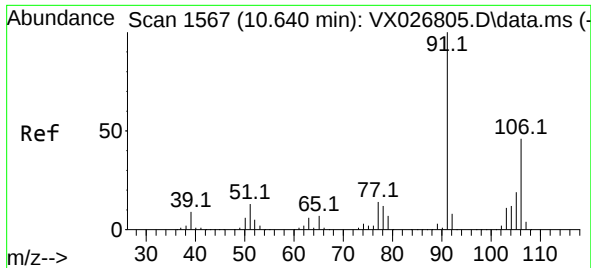
Tgt Ion:164 Resp: 389473
Ion Ratio Lower Upper
164 100
166 130.7 101.8 152.6
129 101.1 83.3 124.9
131 95.5 78.0 117.0



#68
m/p-Xylenes
Concen: 0.330 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

Tgt Ion:106 Resp: 882
Ion Ratio Lower Upper
106 100
91 202.3 165.3 247.9

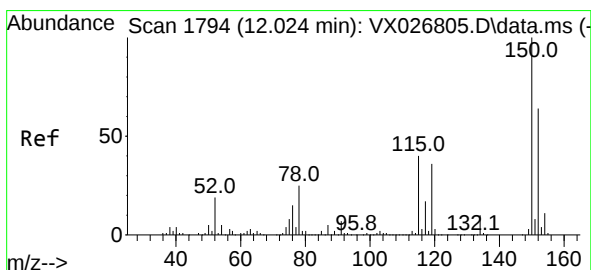
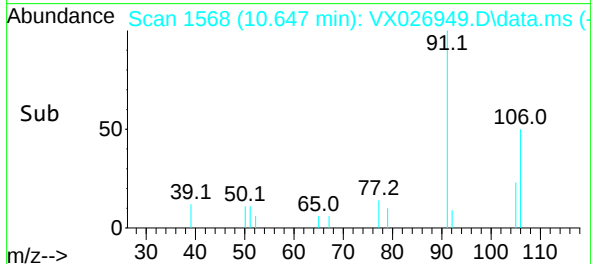
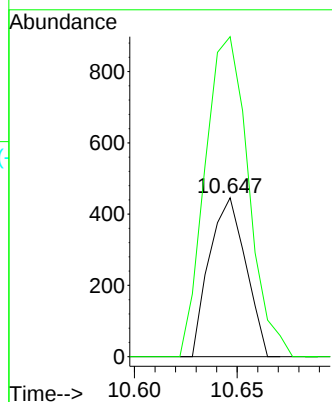
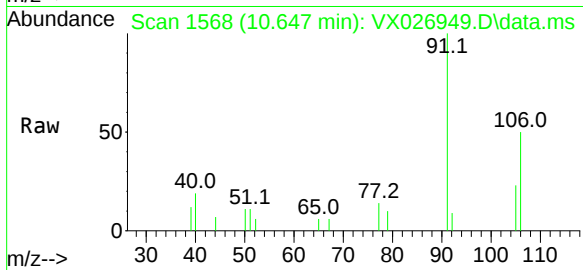




#69
o-Xylene
Concen: 0.209 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

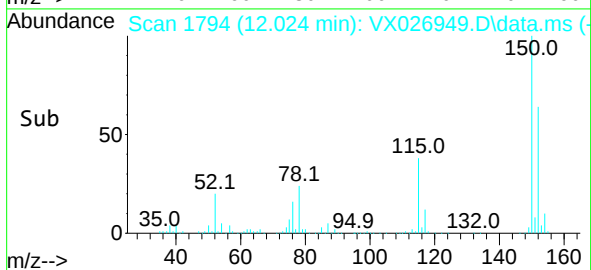
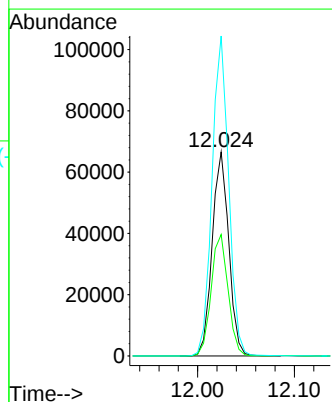
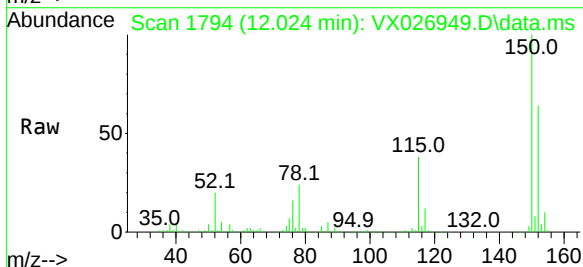
Instrument :
MSVOA_X
ClientSampleId :
MW-23S

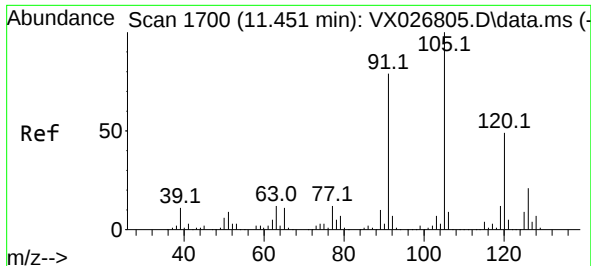
Tgt Ion:106 Resp: 548
Ion Ratio Lower Upper
106 100
91 240.7 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026949.D
Acq: 11 Feb 2022 03:31

Tgt Ion:152 Resp: 79127
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 157.1 0.0 348.2

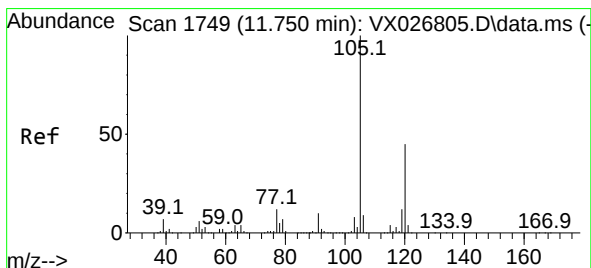
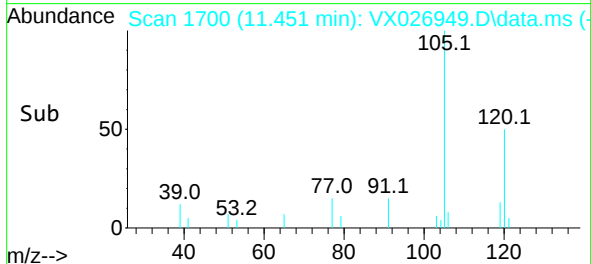
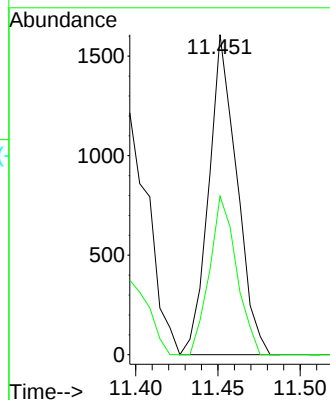
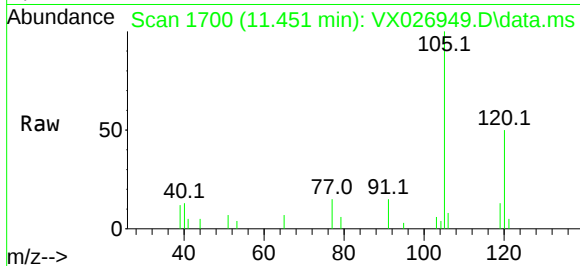




#80
 1,3,5-Trimethylbenzene
 Concen: 0.372 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026949.D
 Acq: 11 Feb 2022 03:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23S

Tgt Ion:105 Resp: 1909
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.0 72.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.240 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX026949.D
 Acq: 11 Feb 2022 03:31

Tgt Ion:105 Resp: 6416
 Ion Ratio Lower Upper
 105 100
 120 46.3 21.9 65.5

