

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029894.D
 Acq On : 30 Jun 2022 05:13
 Operator : JC/MD
 Sample : N3481-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

Quant Time: Jun 30 06:28:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

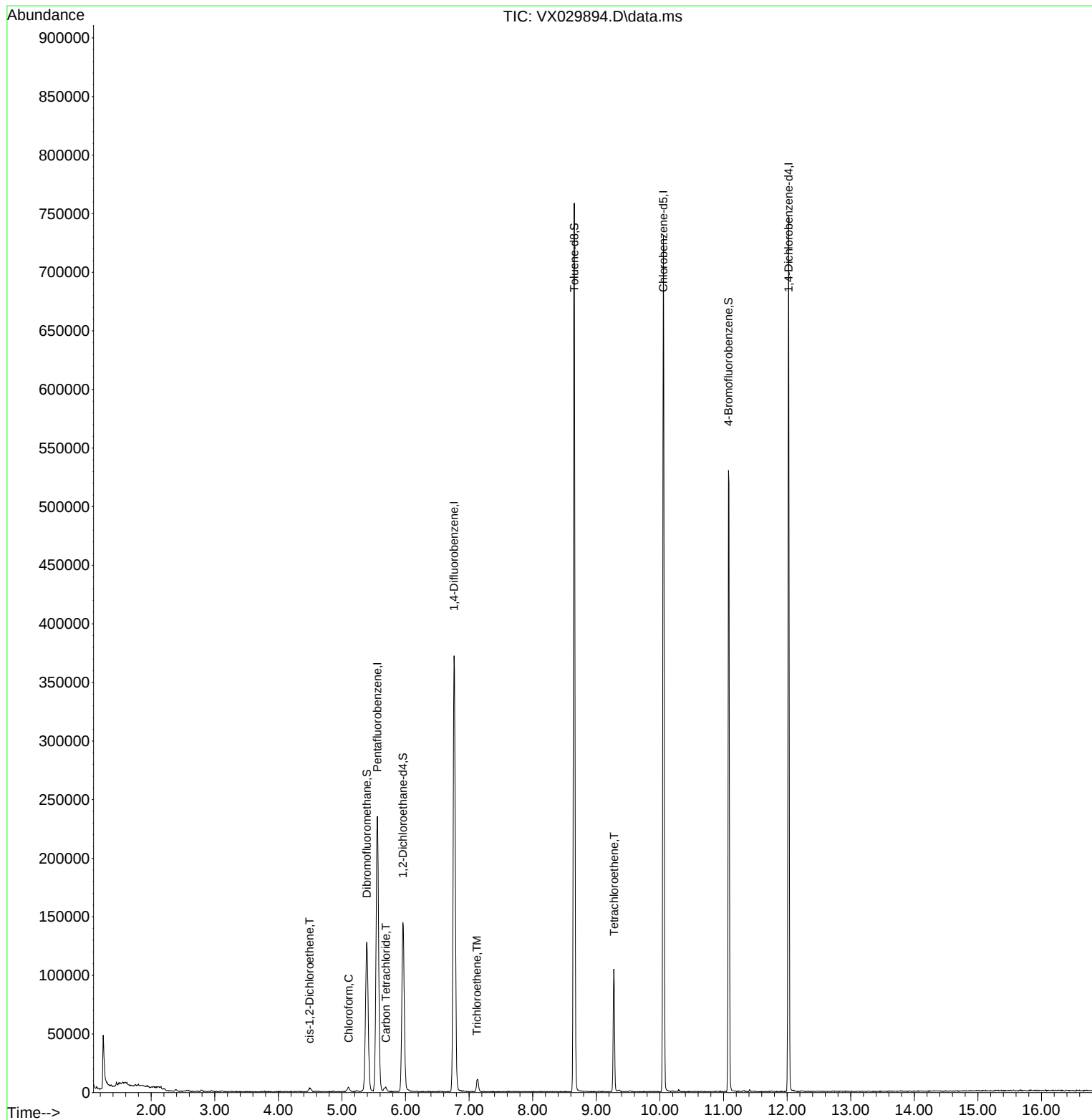
Internal Standards						
1) Pentafluorobenzene	5.556	168	231611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130646	44.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.120%
35) Dibromofluoromethane	5.391	113	114871	45.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.653	98	456835	48.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	151085	45.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.580%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.489	96	2264	0.733	ug/l	84
30) Chloroform	5.105	83	4091	0.889	ug/l	97
38) Carbon Tetrachloride	5.690	117	2666	0.920	ug/l #	86
44) Trichloroethene	7.123	130	4229	1.452	ug/l	88
64) Tetrachloroethene	9.281	164	19615	9.504	ug/l	93

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

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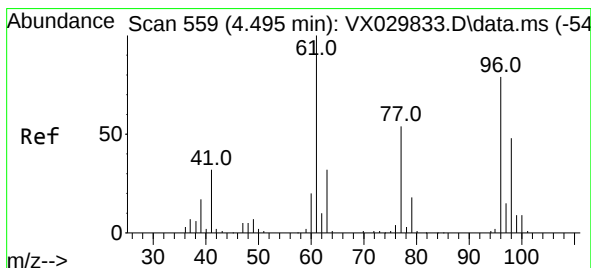
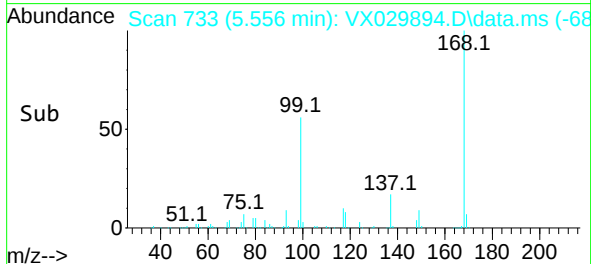
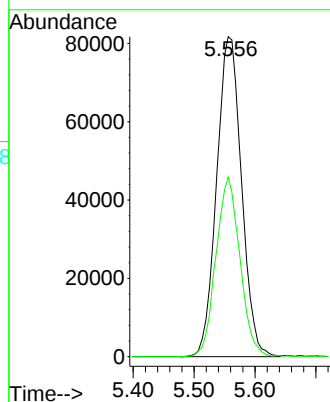
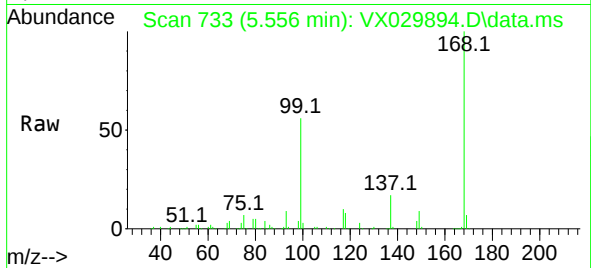




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

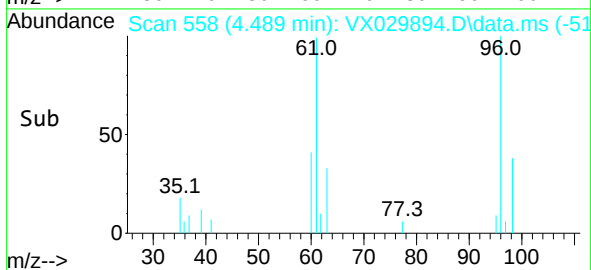
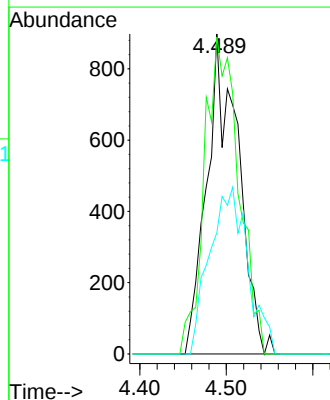
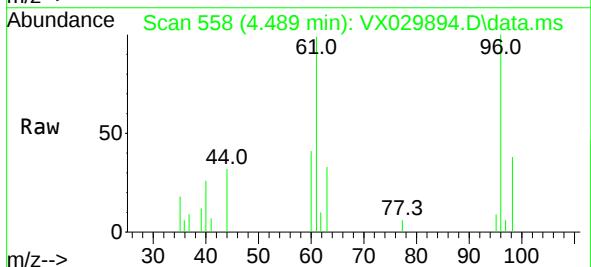
Instrument :
MSVOA_X
ClientSampleId :
MW-29

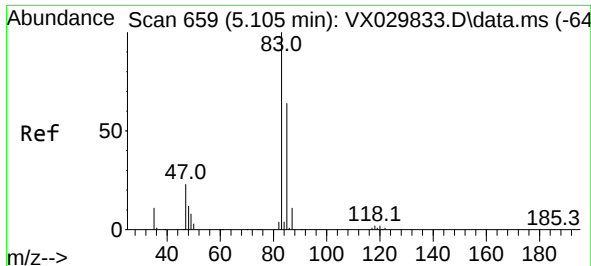
Tgt Ion:168 Resp: 231611
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#27
cis-1,2-Dichloroethene
Concen: 0.733 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 96 Resp: 2264
Ion Ratio Lower Upper
96 100
61 107.5 0.0 270.0
98 63.0 0.0 127.8

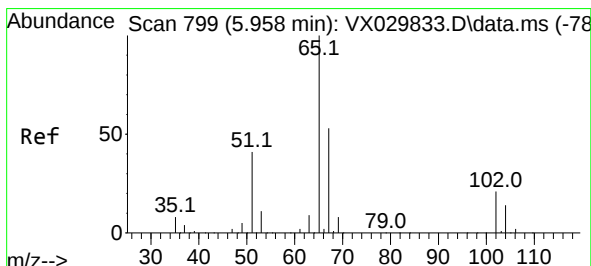
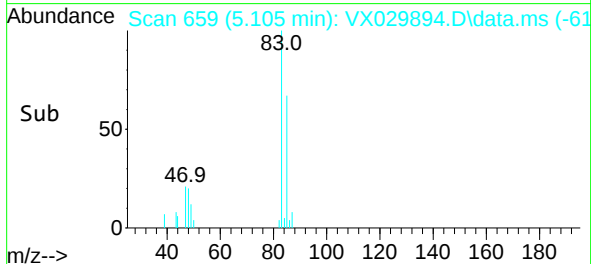
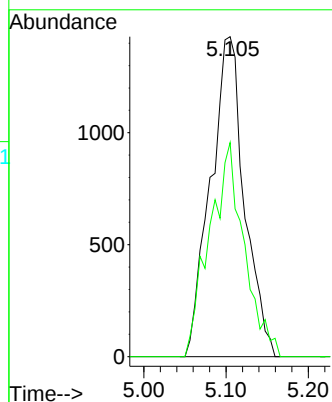
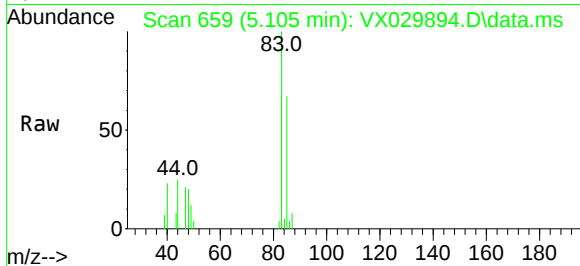




#30
Chloroform
Concen: 0.889 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

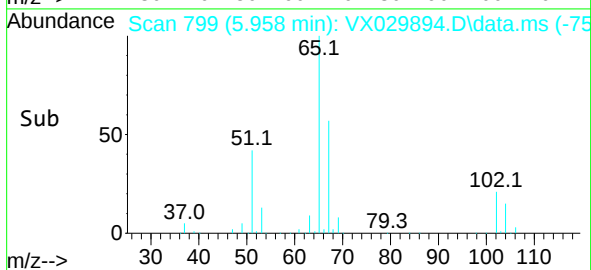
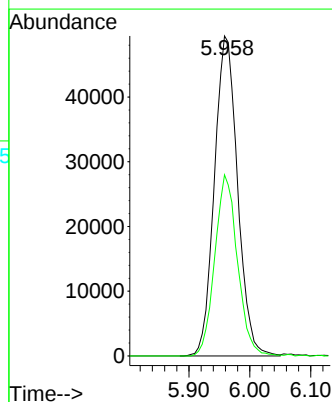
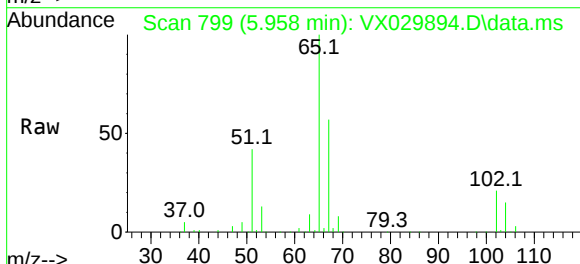
Instrument :
MSVOA_X
ClientSampleId :
MW-29

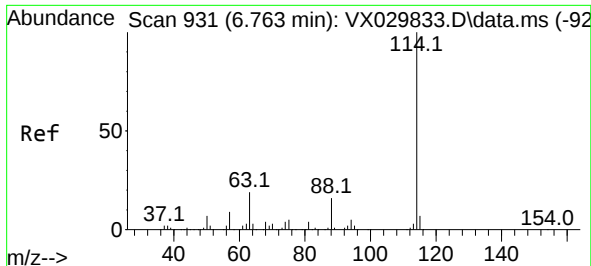
Tgt Ion: 83 Resp: 4091
Ion Ratio Lower Upper
83 100
85 66.9 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 44.562 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 65 Resp: 130646
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

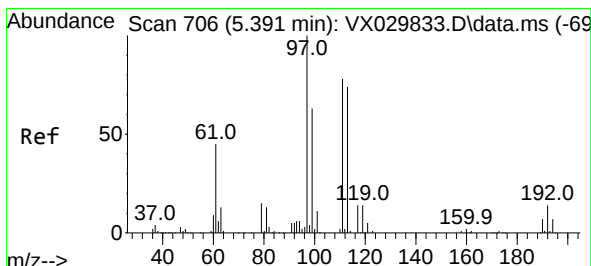
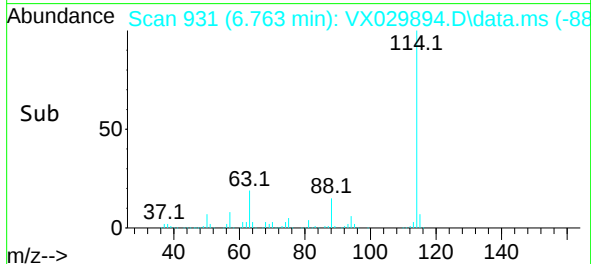
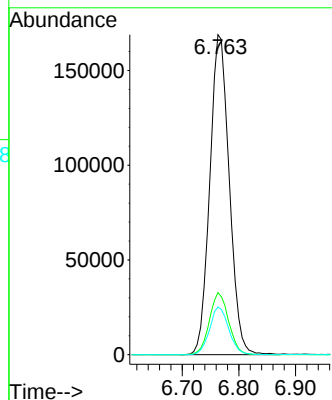
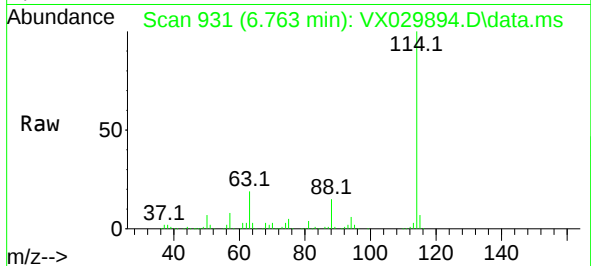




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

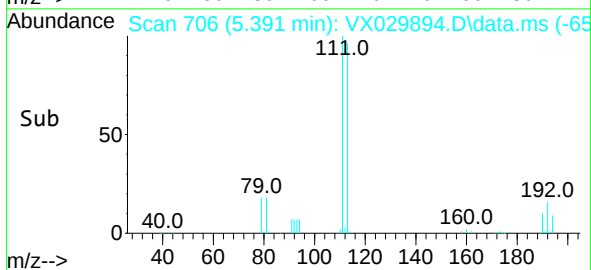
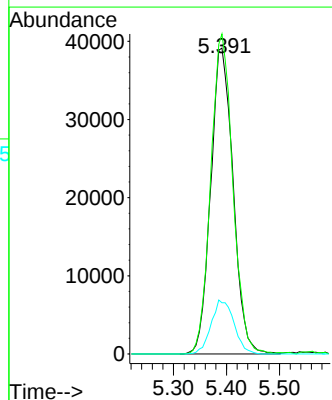
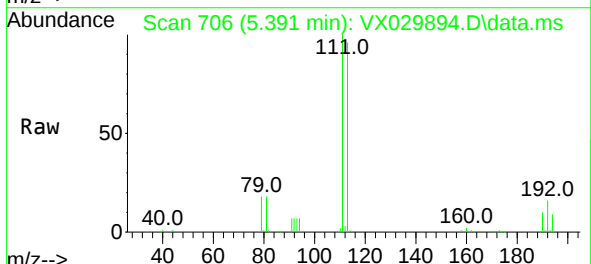
Instrument :
MSVOA_X
ClientSampleId :
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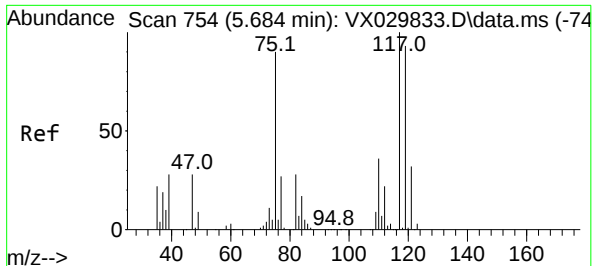
Tgt Ion:114 Resp: 402495
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.667 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion:113 Resp: 114871
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.0 14.8 22.2

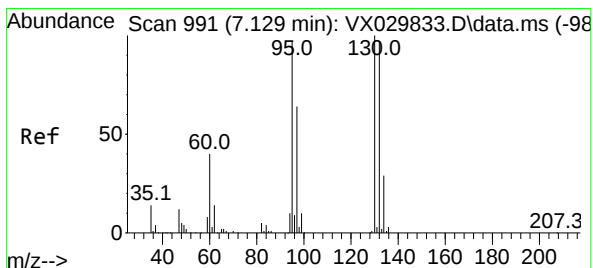
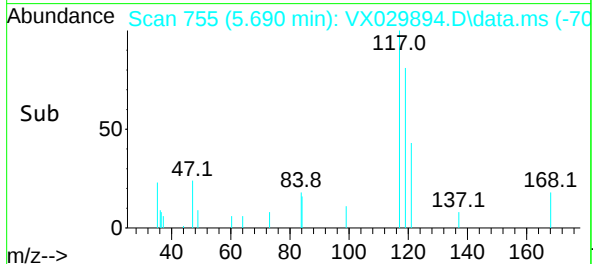
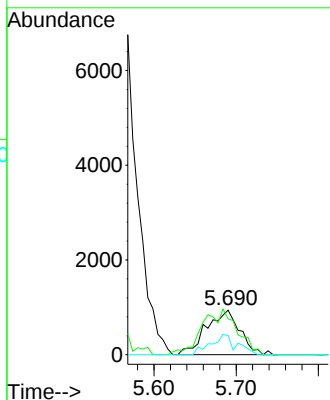
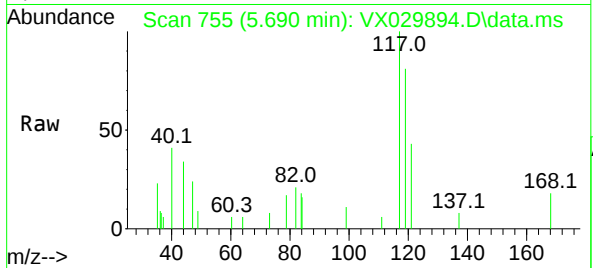




#38
Carbon Tetrachloride
Concen: 0.920 ug/l
RT: 5.690 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

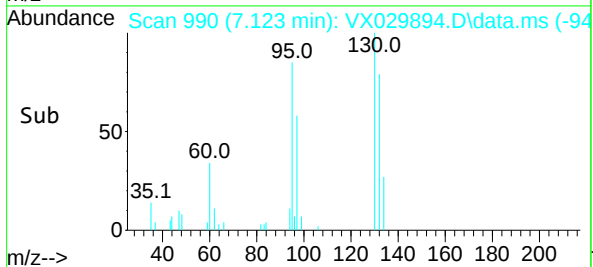
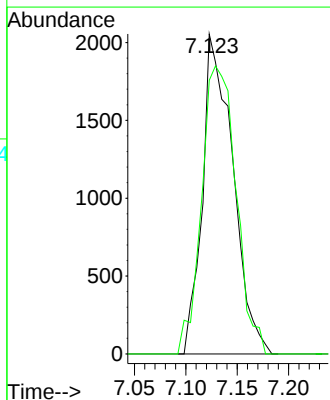
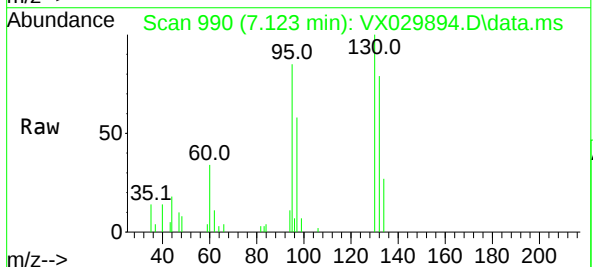
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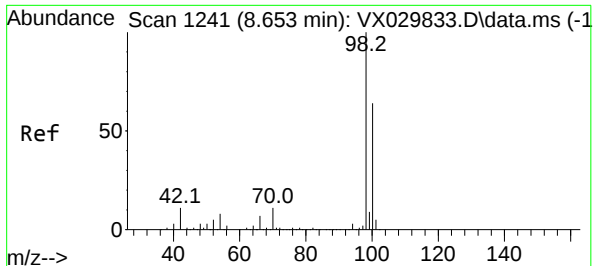
Tgt Ion:117 Resp: 2666
Ion Ratio Lower Upper
117 100
119 80.7 74.1 111.1
121 43.3 25.8 38.8#



#44
Trichloroethene
Concen: 1.452 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion:130 Resp: 4229
Ion Ratio Lower Upper
130 100
95 85.5 0.0 194.8

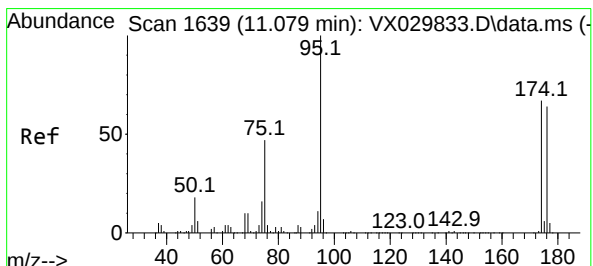
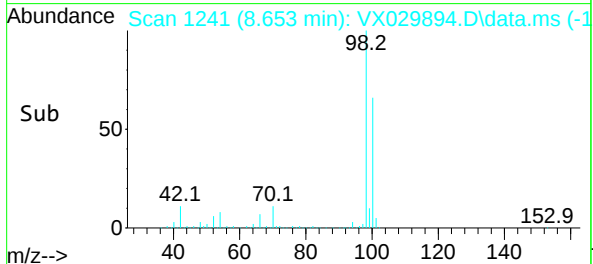
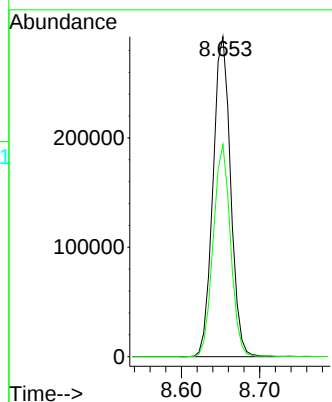
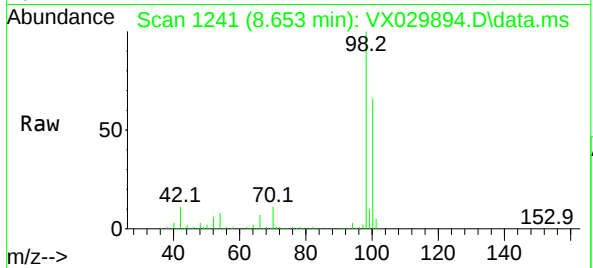




#50
Toluene-d8
Concen: 48.412 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

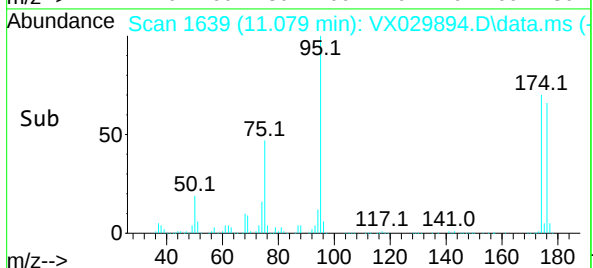
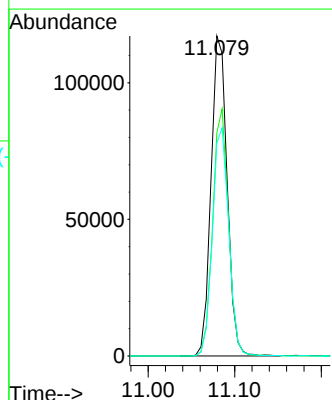
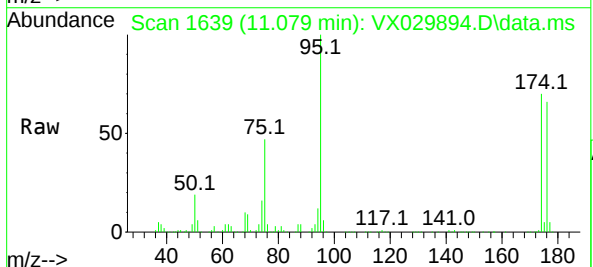
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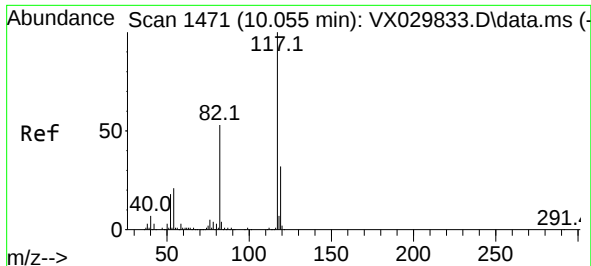
Tgt Ion: 98 Resp: 456835
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion: 95 Resp: 151085
Ion Ratio Lower Upper
95 100
174 75.7 0.0 149.0
176 72.2 0.0 146.0

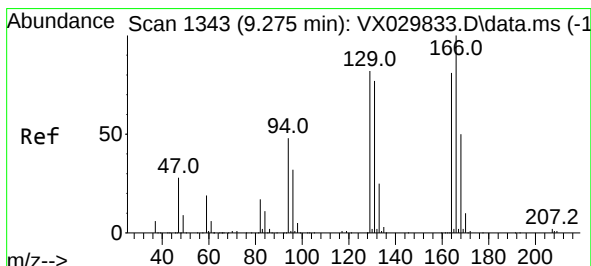
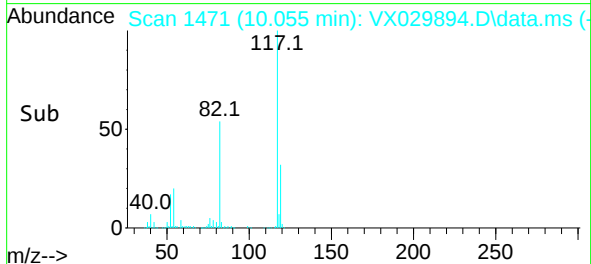
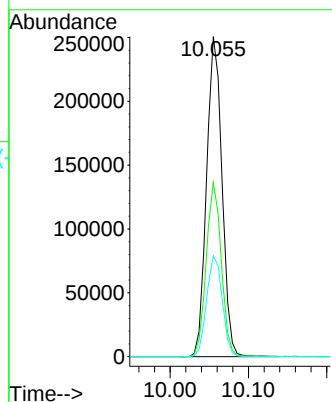
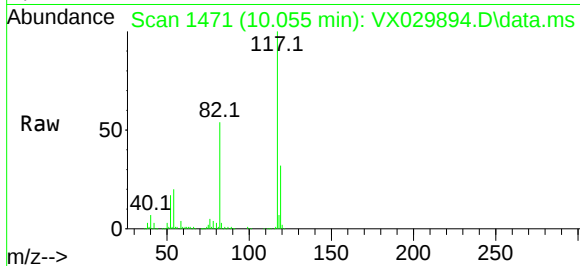




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

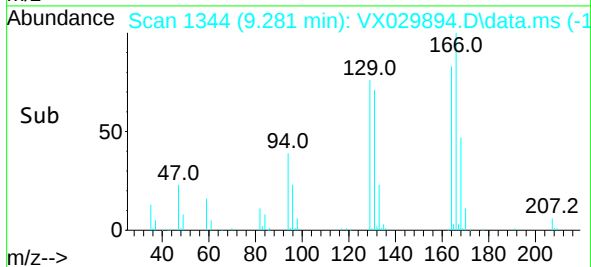
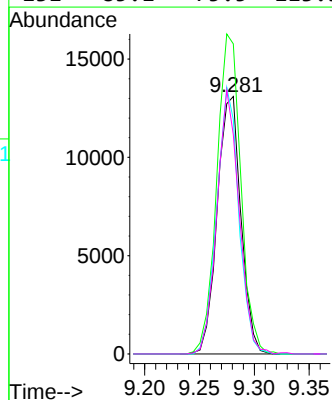
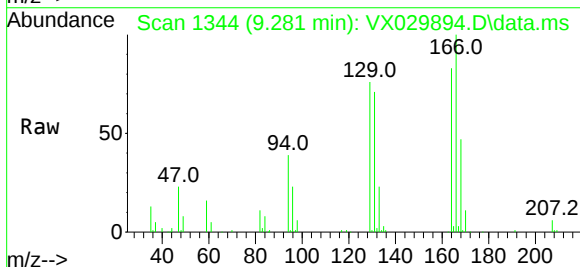
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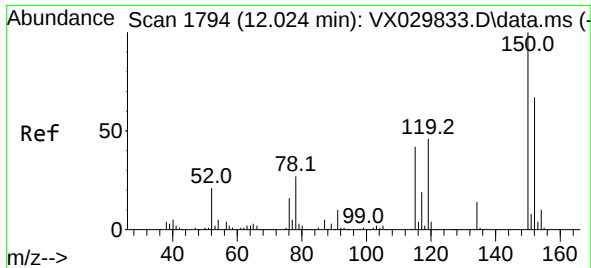
Tgt Ion:117 Resp: 342176
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 9.504 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX029894.D
Acq: 30 Jun 2022 05:13

Tgt Ion:164 Resp: 19615
Ion Ratio Lower Upper
164 100
166 120.4 98.2 147.4
129 91.0 80.8 121.2
131 85.1 75.5 113.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029894.D

Acq: 30 Jun 2022 05:13

Instrument :

MSVOA_X

ClientSampleId :

MW-29

Tgt Ion:152 Resp: 148473

Ion Ratio Lower Upper

152 100

115 59.5 40.5 121.5

150 156.1 0.0 347.0

