

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026969.D
 Acq On : 11 Feb 2022 16:05
 Operator : JC/MD
 Sample : N1467-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23SDL

Quant Time: Feb 12 04:30:43 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)

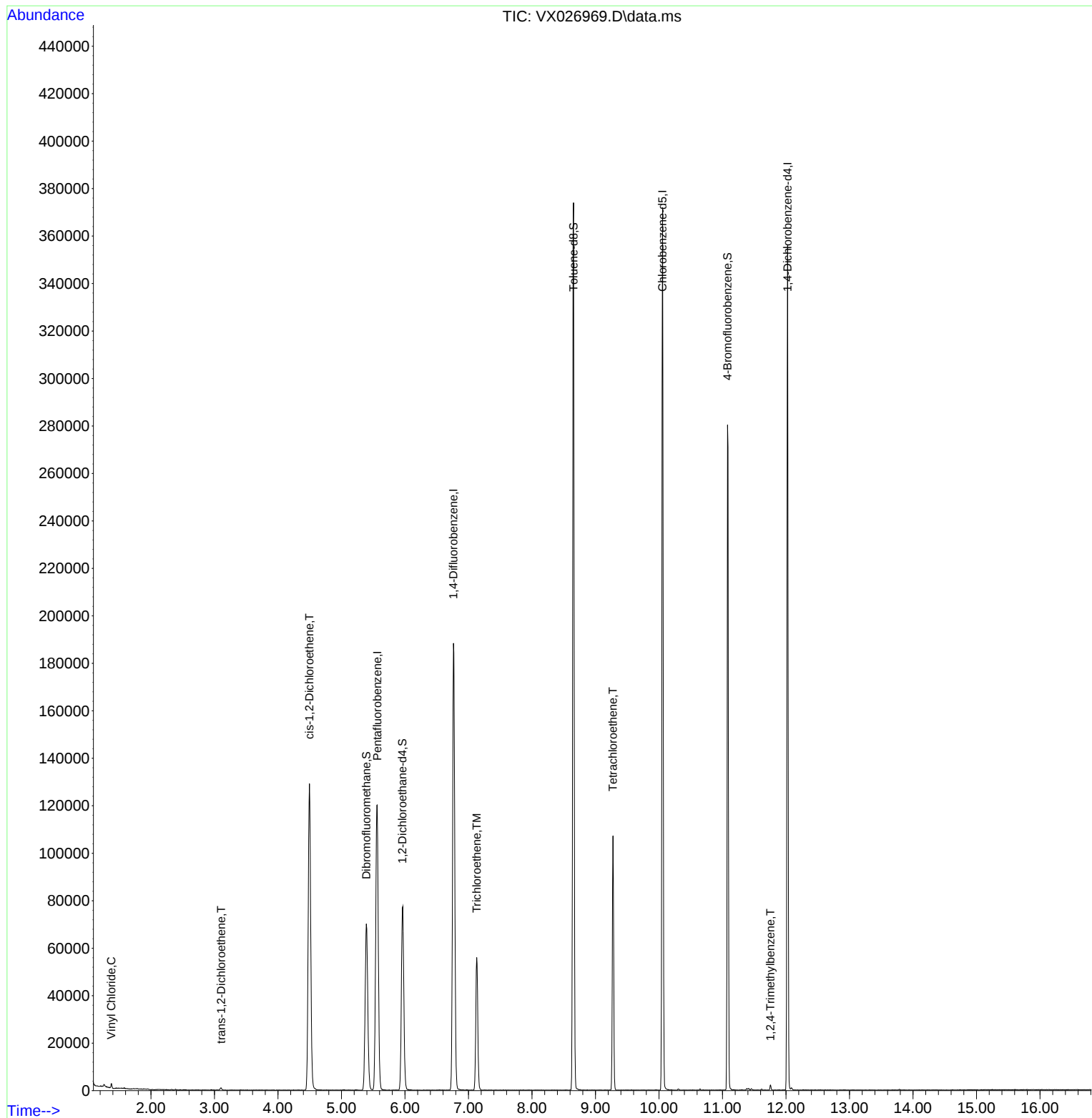
Internal Standards						
1) Pentafluorobenzene	5.562	168	115144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75225	54.425	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.840%	
35) Dibromofluoromethane	5.391	113	61067	52.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.020%	
50) Toluene-d8	8.653	98	221699	51.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	11.079	95	77992	51.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.780%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1244	1.020	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	480	0.387	ug/l	83
27) cis-1,2-Dichloroethene	4.495	96	82075	57.647	ug/l	88
44) Trichloroethene	7.129	130	22158	13.800	ug/l	96
64) Tetrachloroethene	9.275	164	20436	12.089	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1197	0.259	ug/l	97

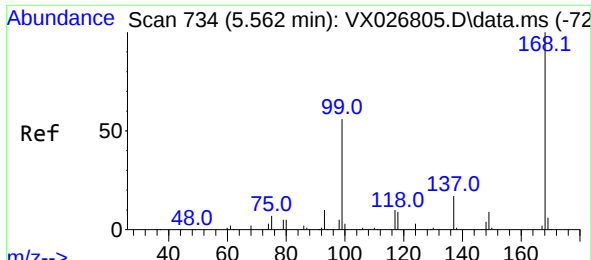
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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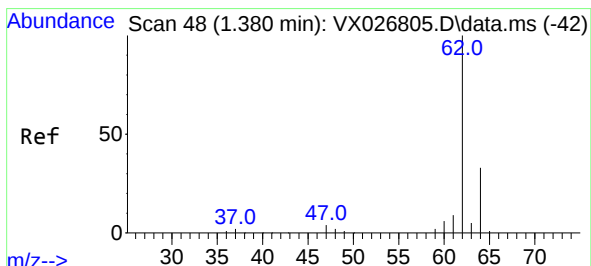
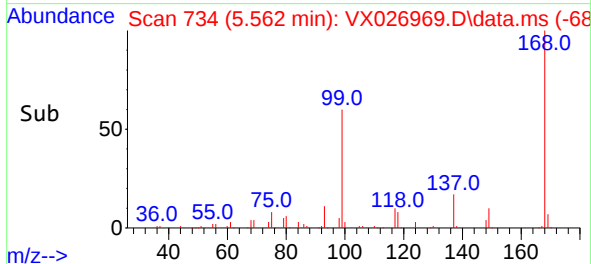
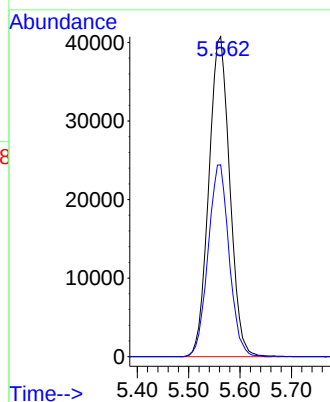
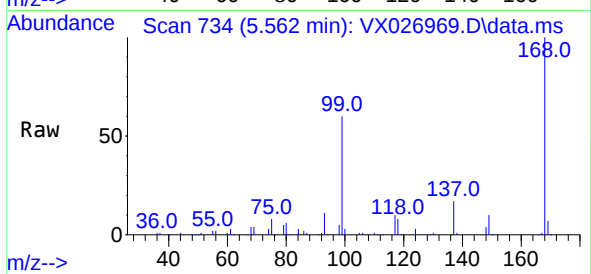




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

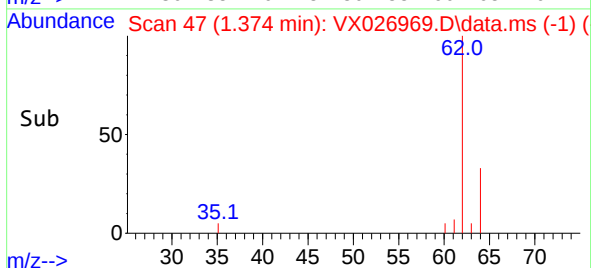
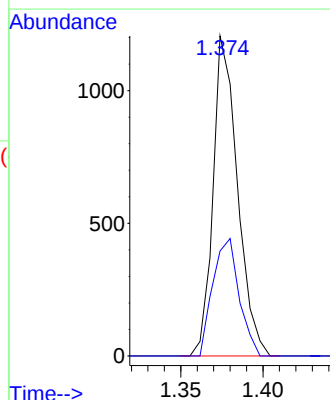
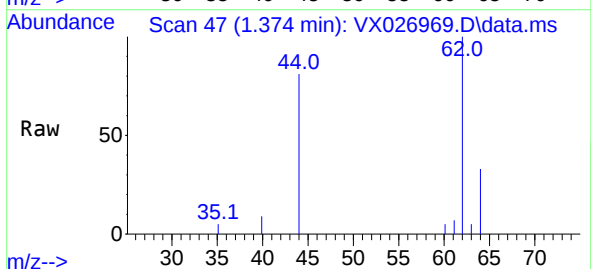
Instrument :
MSVOA_X
ClientSampleId :
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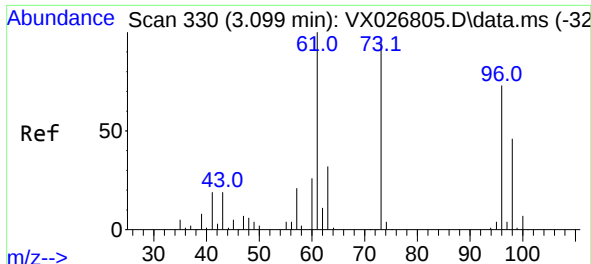
Tgt Ion:168 Resp: 115144
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#4
Vinyl Chloride
Concen: 1.020 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion: 62 Resp: 1244
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2

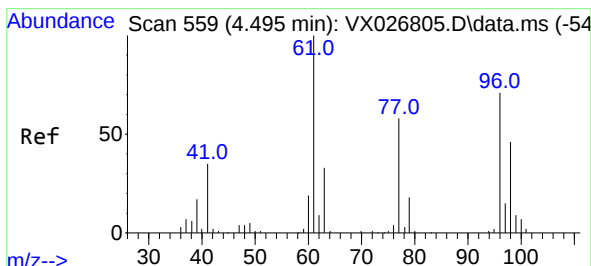
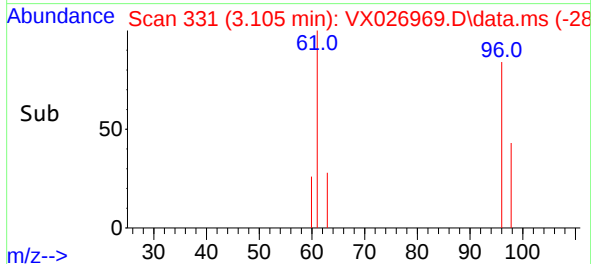
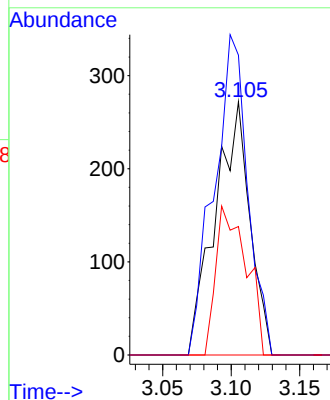
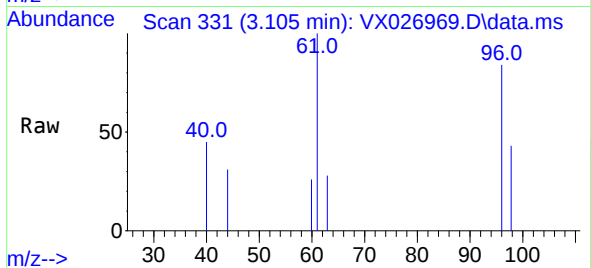




#21
trans-1,2-Dichloroethene
Concen: 0.387 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

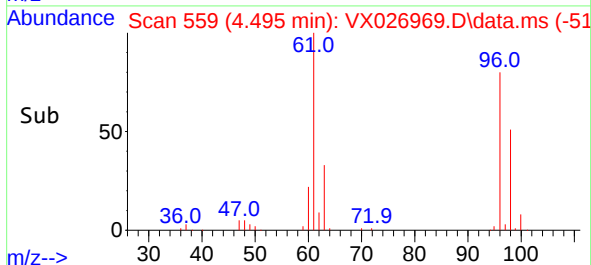
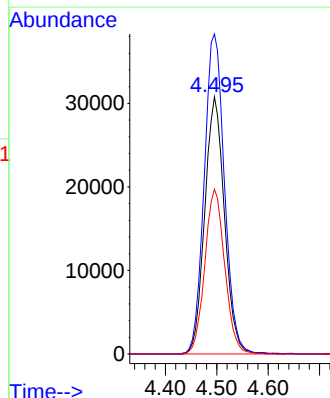
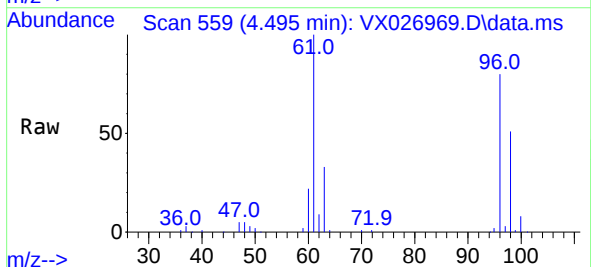
Instrument :
MSVOA_X
ClientSampleId :
MW-23SDL

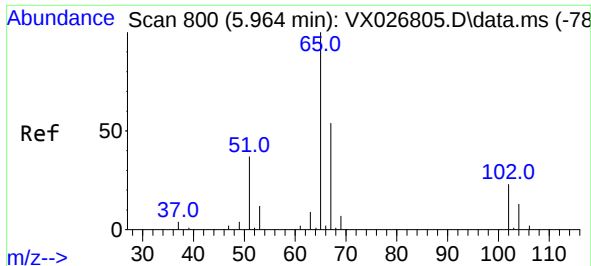
Tgt Ion: 96 Resp: 480
Ion Ratio Lower Upper
96 100
61 118.4 112.9 169.3
98 50.7 49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 57.647 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion: 96 Resp: 82075
Ion Ratio Lower Upper
96 100
61 127.5 0.0 296.6
98 64.6 0.0 128.8

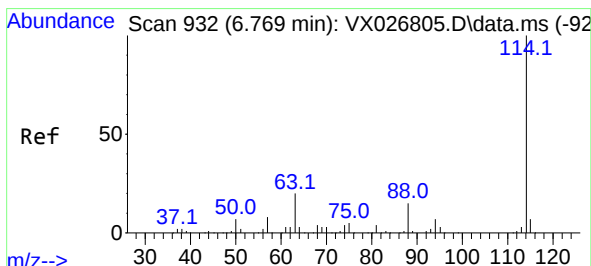
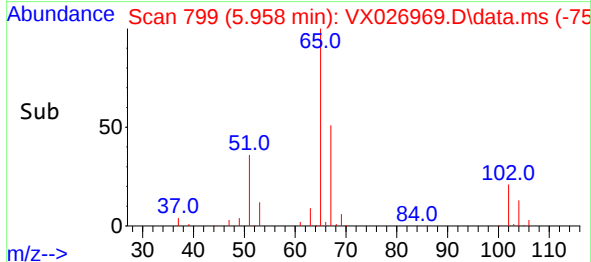
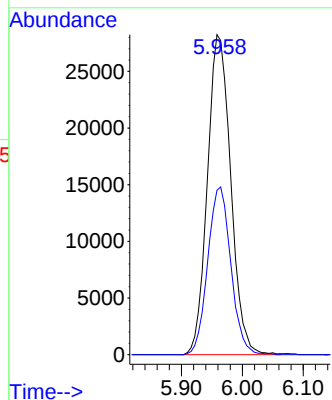
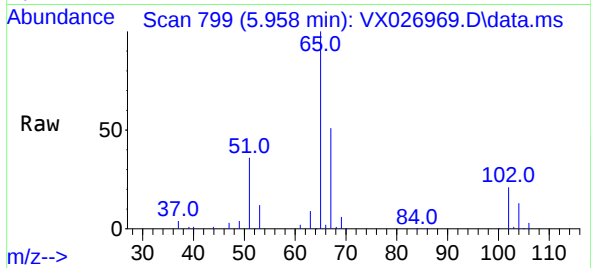




#33
1,2-Dichloroethane-d4
Concen: 54.425 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

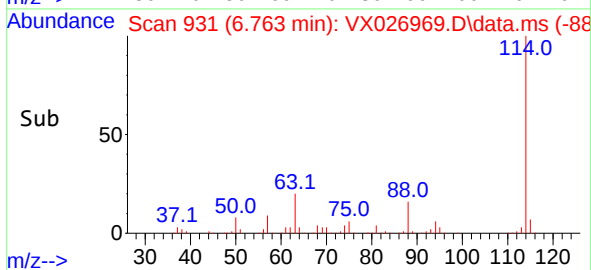
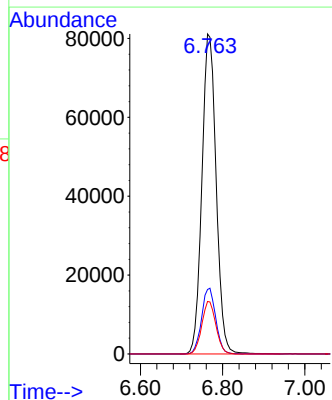
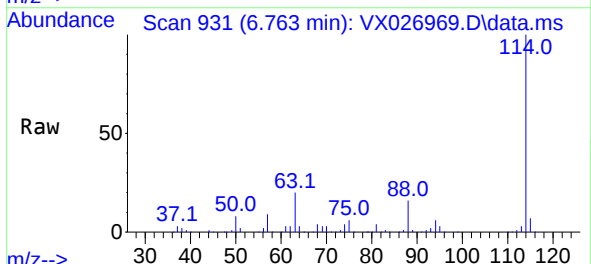
Instrument :
MSVOA_X
ClientSampleId :
MW-23SDL

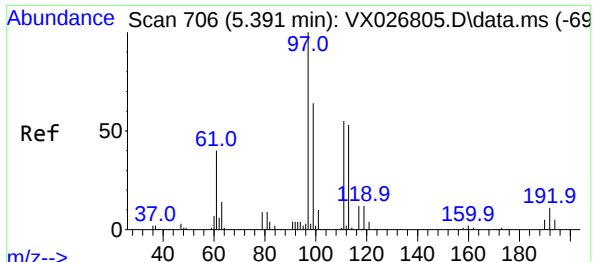
Tgt Ion: 65 Resp: 75225
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

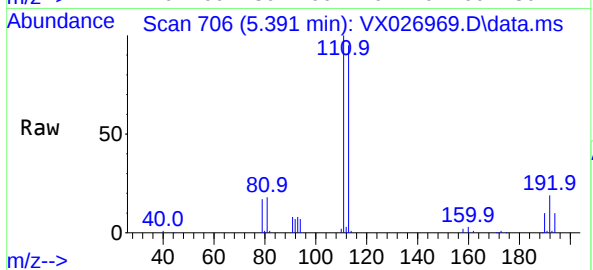
Tgt Ion: 114 Resp: 195215
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 16.4 0.0 33.0



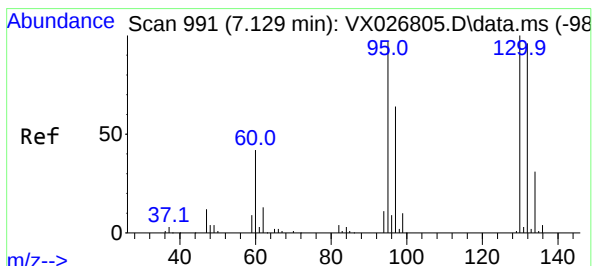
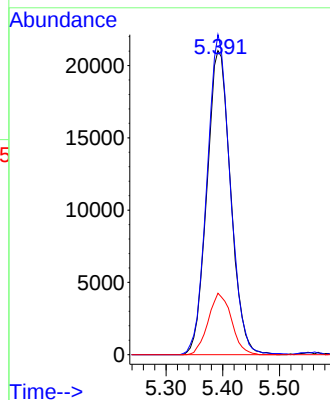
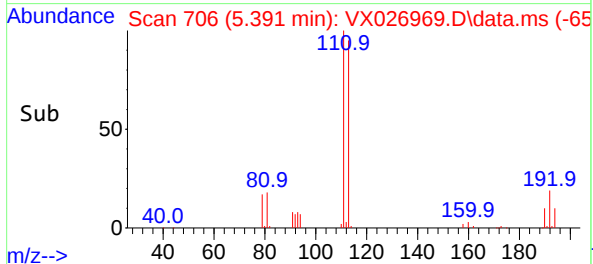


#35
Dibromofluoromethane
Concen: 52.506 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Instrument :
MSVOA_X
ClientSampleId :
MW-23SDL

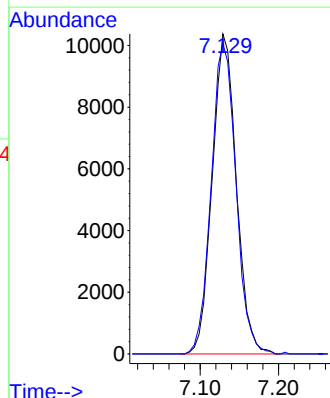
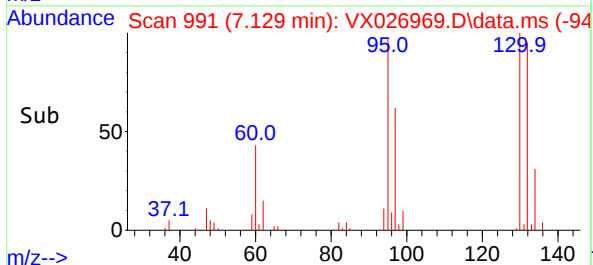
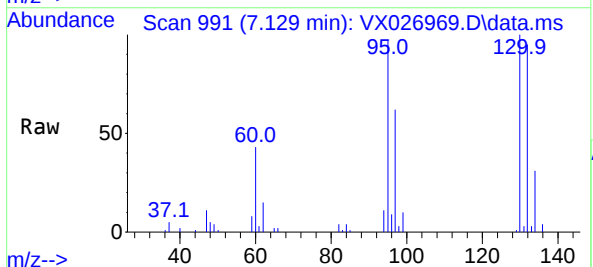


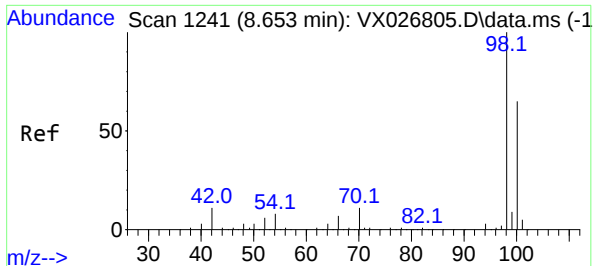
Tgt Ion:113 Resp: 61067
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.8 15.0 22.4



#44
Trichloroethene
Concen: 13.800 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion:130 Resp: 22158
Ion Ratio Lower Upper
130 100
95 97.1 0.0 202.6

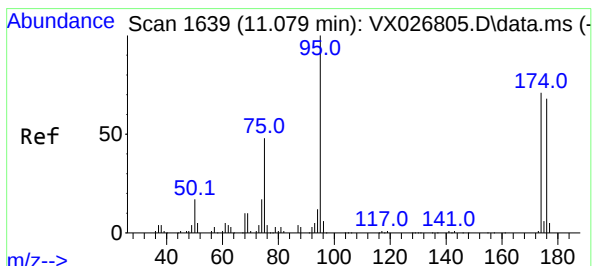
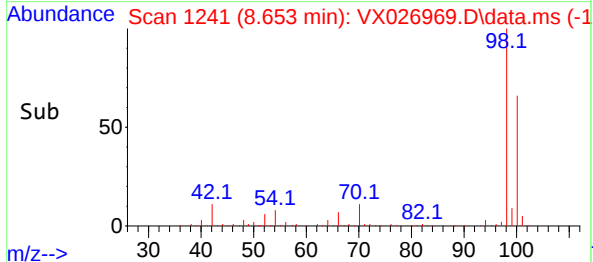
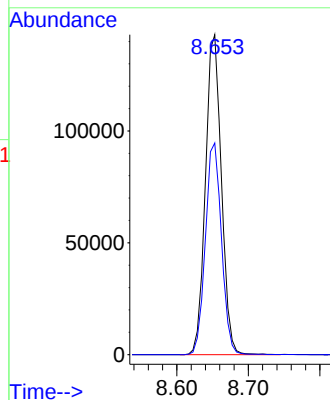
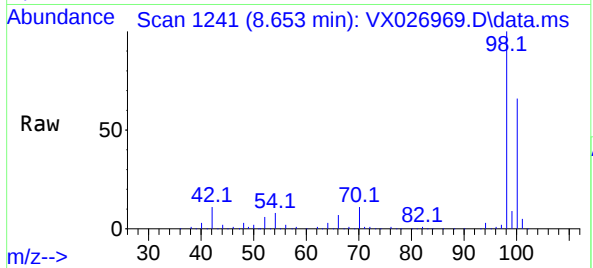




#50
Toluene-d8
Concen: 51.929 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

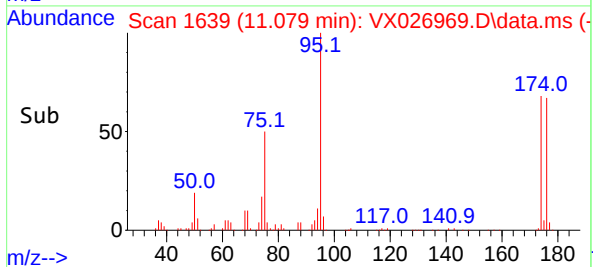
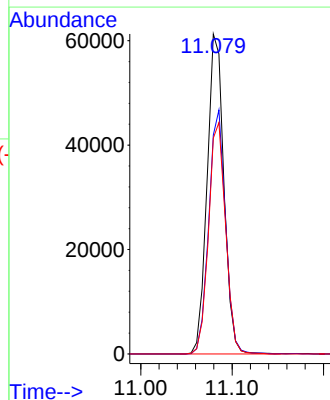
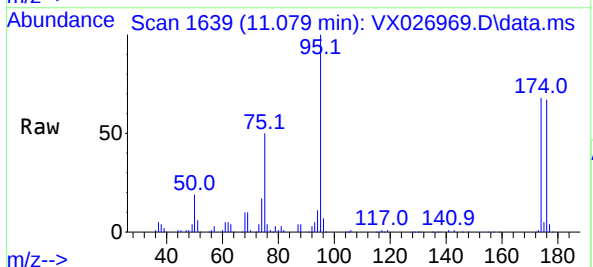
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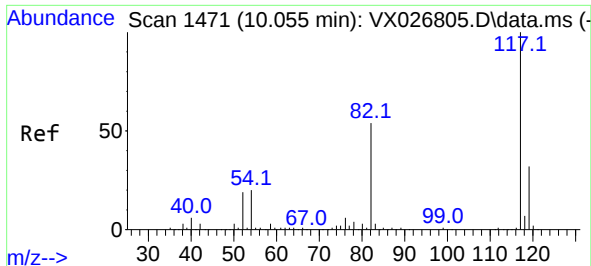
Tgt Ion: 98 Resp: 221699
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 51.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion: 95 Resp: 77992
Ion Ratio Lower Upper
95 100
174 75.9 0.0 148.6
176 73.2 0.0 141.4

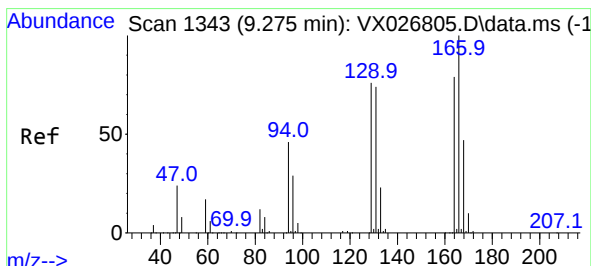
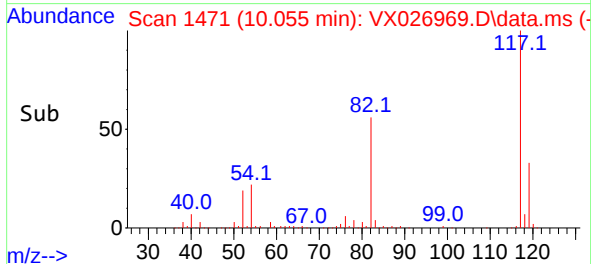
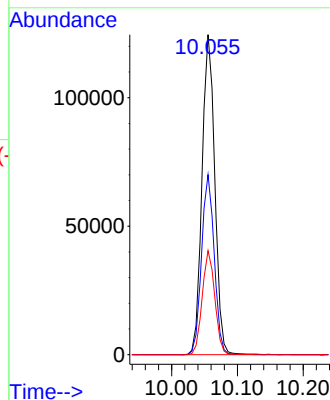
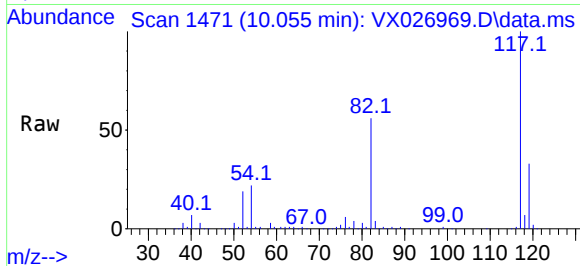




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

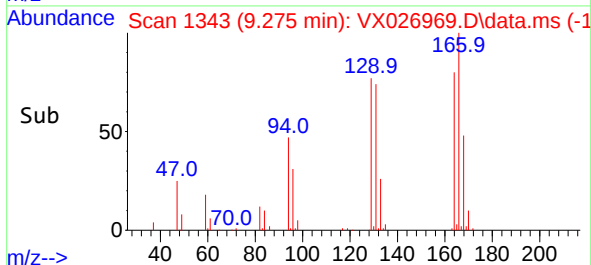
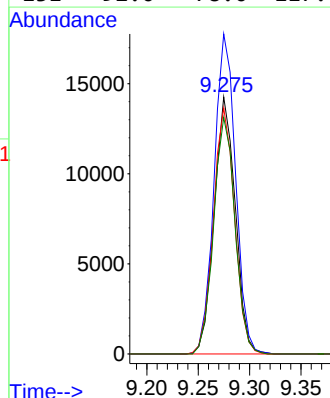
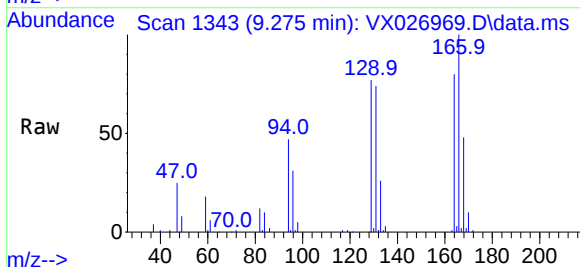
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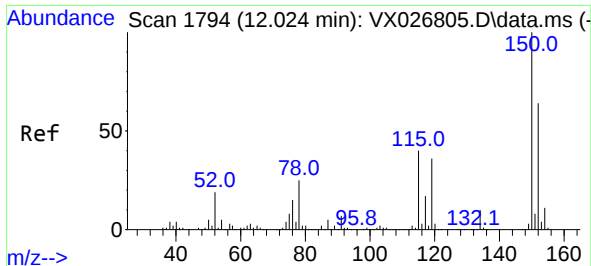
Tgt Ion:117 Resp: 168310
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 12.089 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026969.D
Acq: 11 Feb 2022 16:05

Tgt Ion:164 Resp: 20436
Ion Ratio Lower Upper
164 100
166 124.5 101.8 152.6
129 95.7 83.3 124.9
131 92.0 78.0 117.0

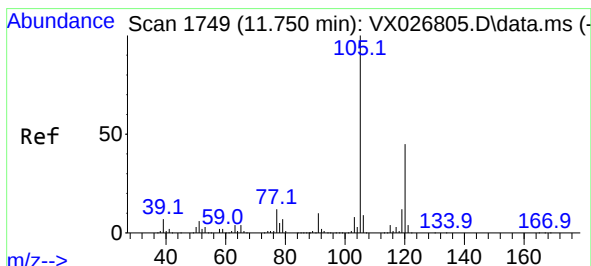
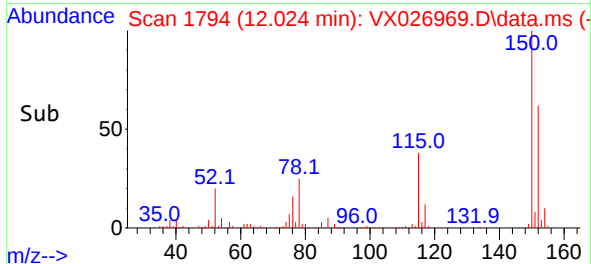
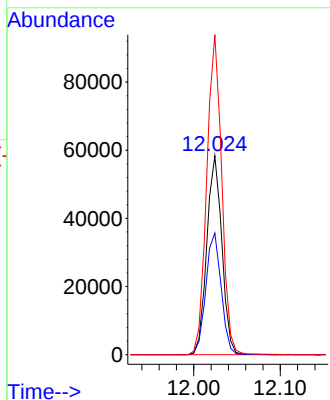
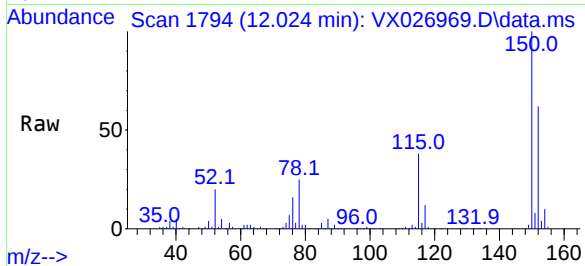




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026969.D
 Acq: 11 Feb 2022 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 70730
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.2 132.6
 150 159.5 0.0 348.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.259 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX026969.D
 Acq: 11 Feb 2022 16:05

Tgt Ion:105 Resp: 1197
 Ion Ratio Lower Upper
 105 100
 120 45.4 21.9 65.5

