

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028922.D
 Acq On : 24 May 2022 15:32
 Operator : JC/MD
 Sample : N2970-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 70BR-72-20220519DL

Quant Time: May 25 01:49:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

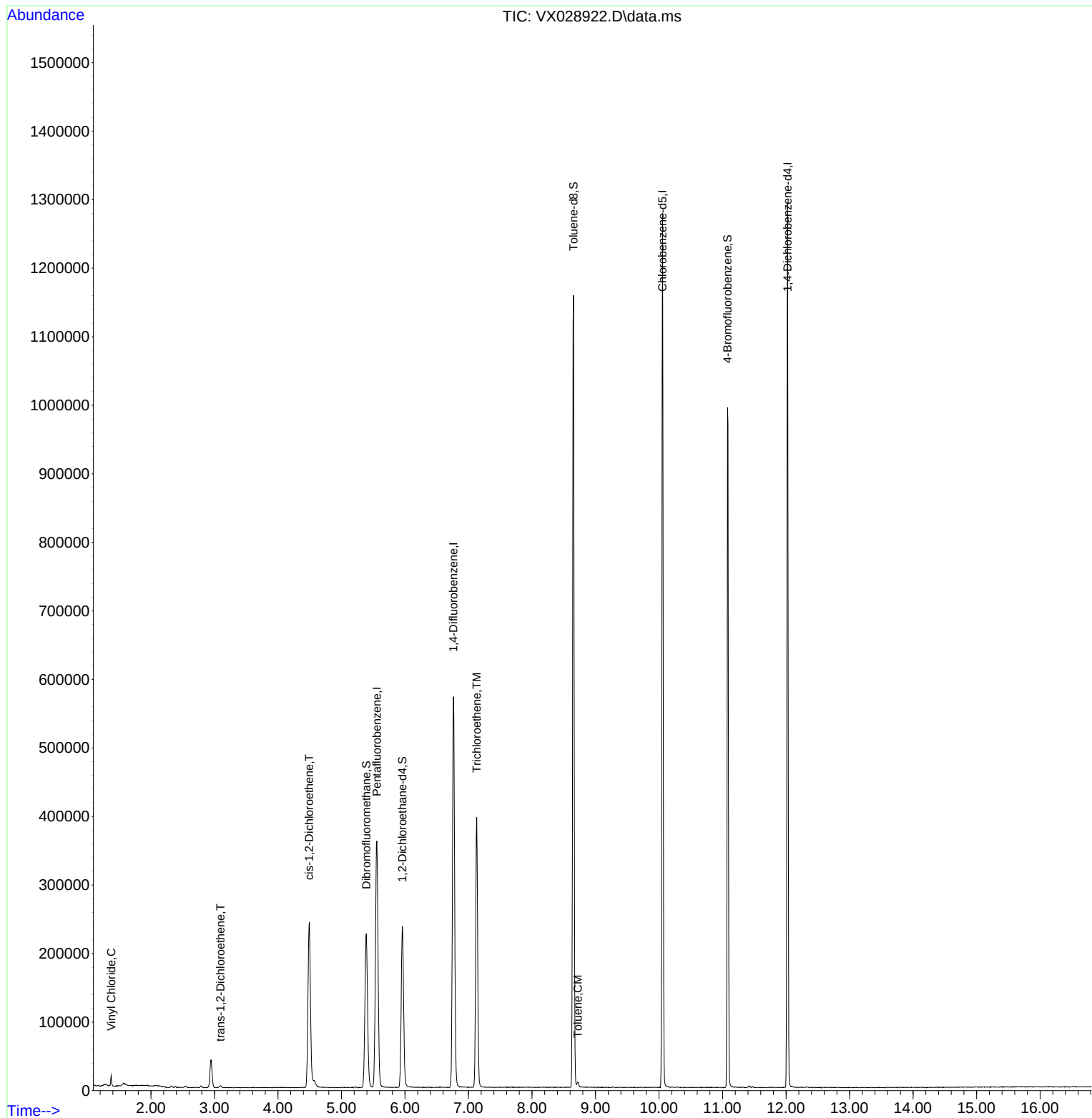
Internal Standards						
1) Pentafluorobenzene	5.556	168	340597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	596114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	570538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	231764	49.641	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.280%
35) Dibromofluoromethane	5.391	113	197049	50.452	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.900%
50) Toluene-d8	8.653	98	706988	48.013	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	279852	50.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.760%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	9045	1.998	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	1421	0.358	ug/l #	76
27) cis-1,2-Dichloroethene	4.489	96	159292	34.349	ug/l	88
44) Trichloroethene	7.129	130	153430	33.556	ug/l	98
52) Toluene	8.720	92	2704	0.249	ug/l	99

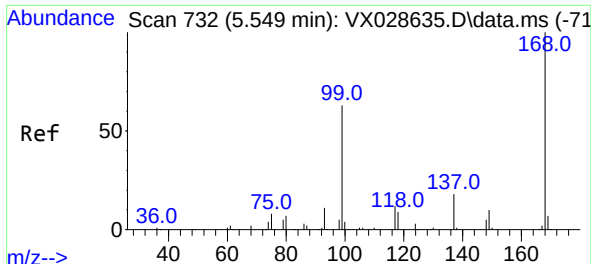
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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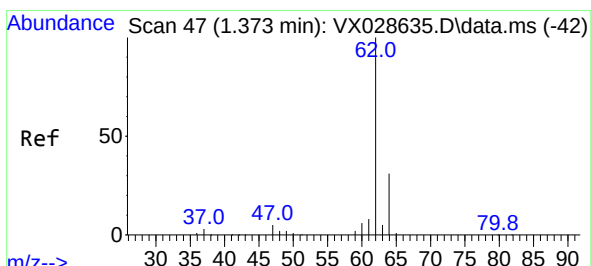
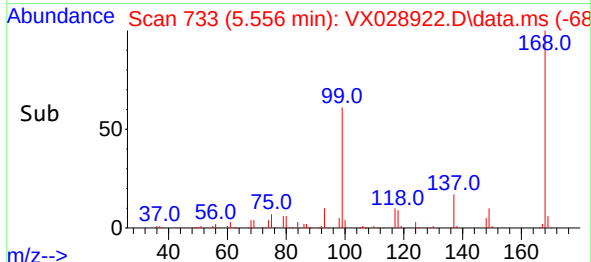
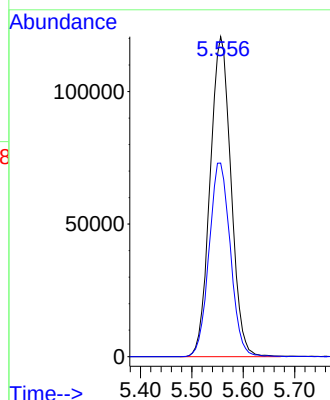
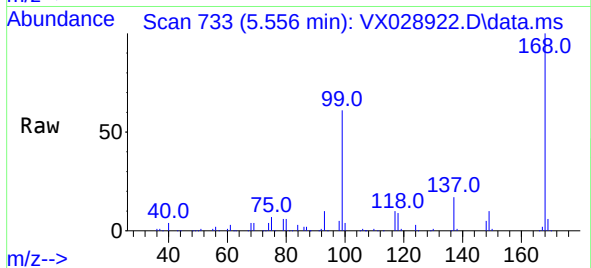




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

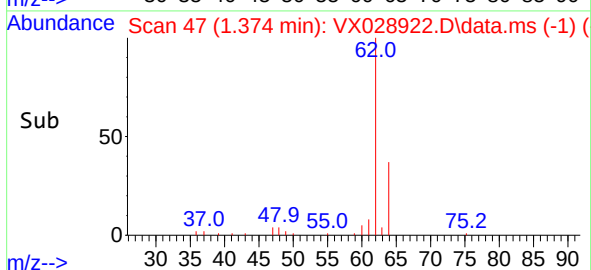
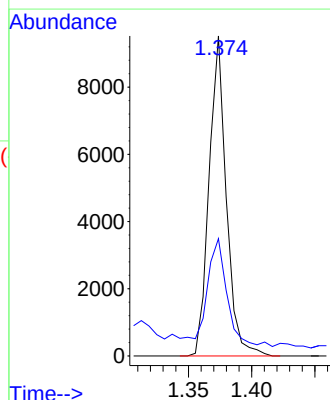
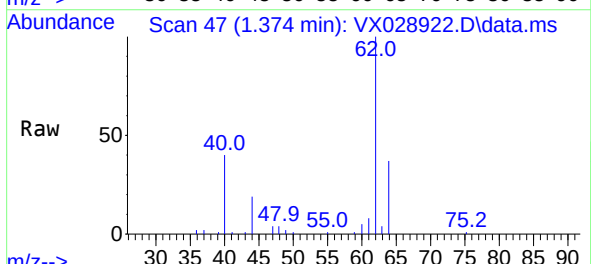
Instrument :
MSVOA_X
ClientSampleId :
70BR-72-20220519DL

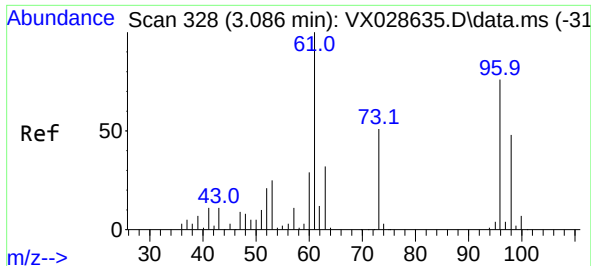
Tgt Ion:168 Resp: 340597
Ion Ratio Lower Upper
168 100
99 60.5 41.7 62.5



#4
Vinyl Chloride
Concen: 1.998 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

Tgt Ion: 62 Resp: 9045
Ion Ratio Lower Upper
62 100
64 32.7 25.5 38.3

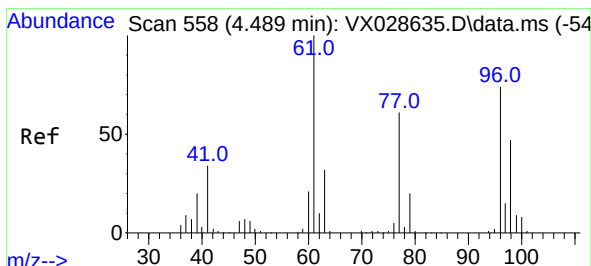
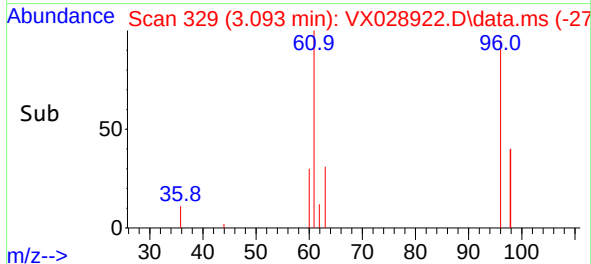
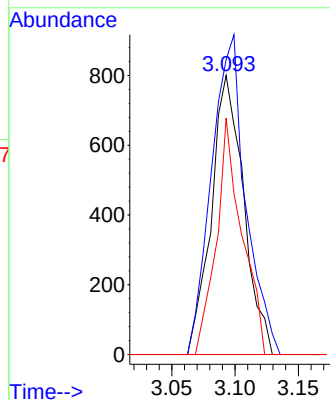
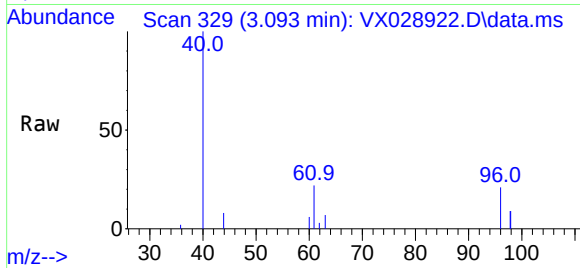




#21
trans-1,2-Dichloroethene
Concen: 0.358 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

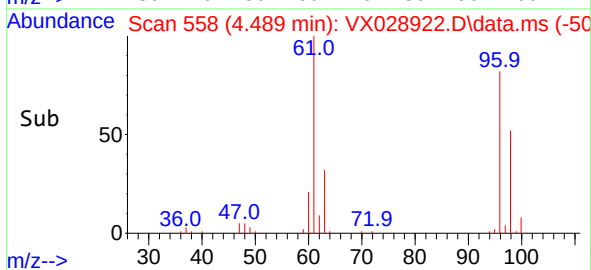
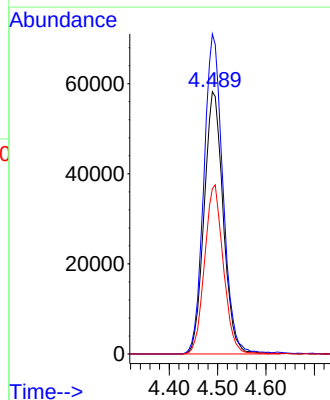
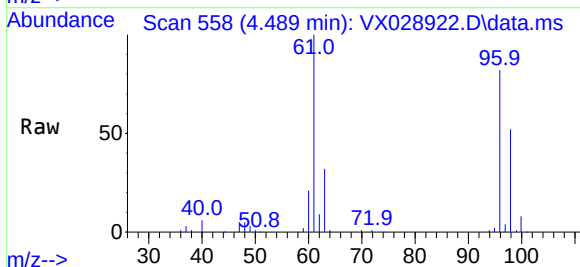
Instrument :
MSVOA_X
ClientSampleId :
70BR-72-20220519DL

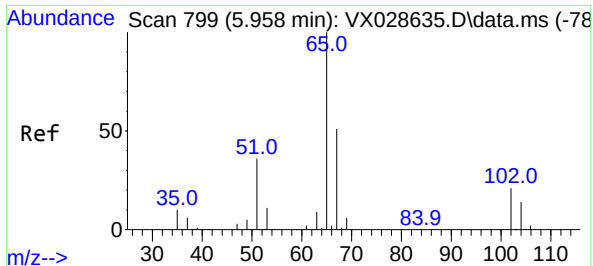
Tgt Ion: 96 Resp: 1421
Ion Ratio Lower Upper
96 100
61 105.6 105.4 158.2
98 84.8 50.0 75.0#



#27
cis-1,2-Dichloroethene
Concen: 34.349 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

Tgt Ion: 96 Resp: 159292
Ion Ratio Lower Upper
96 100
61 121.7 0.0 283.8
98 63.4 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 49.641 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028922.D

Acq: 24 May 2022 15:32

Instrument :

MSVOA_X

ClientSampleId :

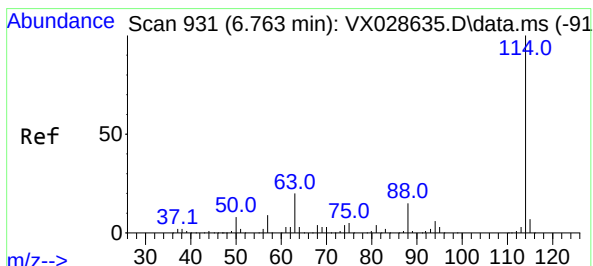
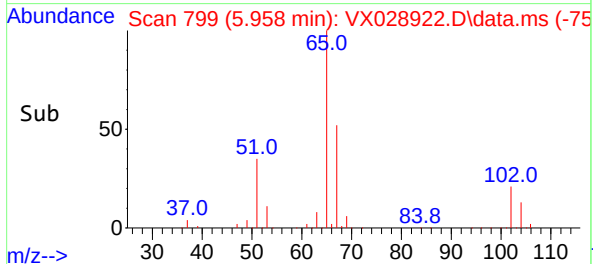
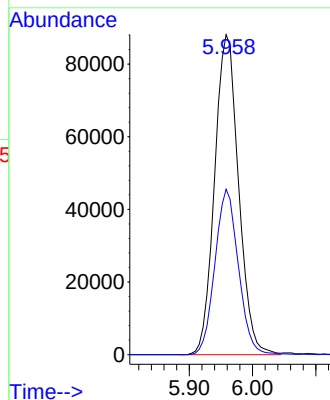
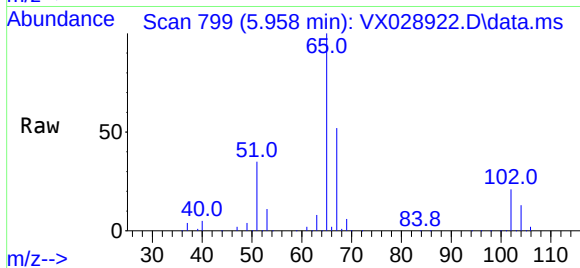
70BR-72-20220519DL

Tgt Ion: 65 Resp: 231764

Ion Ratio Lower Upper

65 100

67 50.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028922.D

Acq: 24 May 2022 15:32

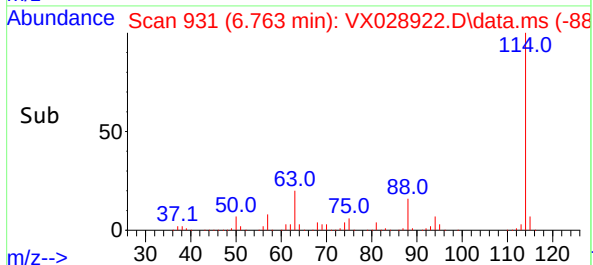
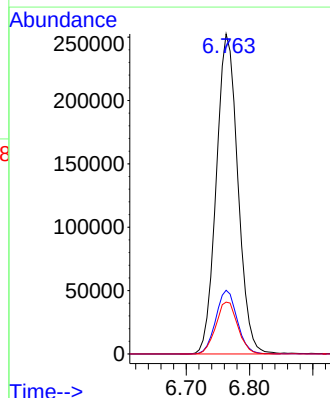
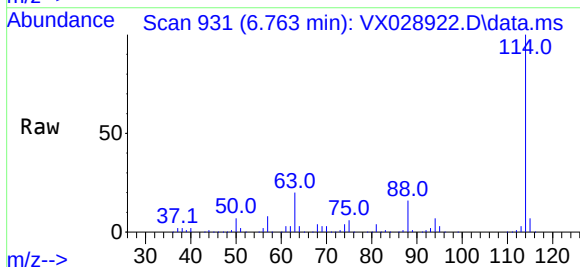
Tgt Ion: 114 Resp: 596114

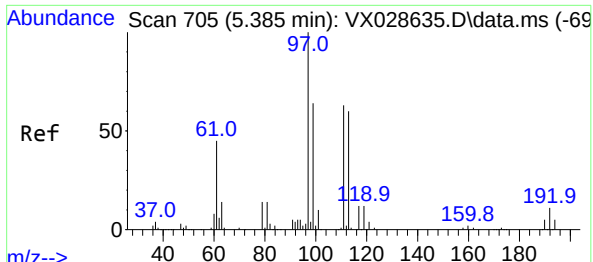
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 16.2 0.0 32.4

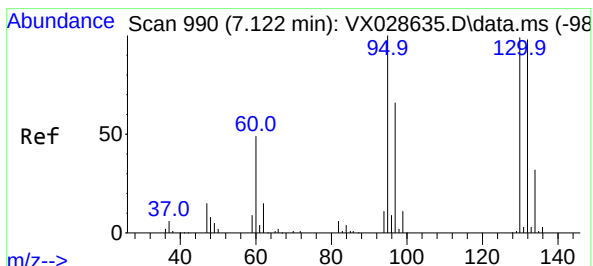
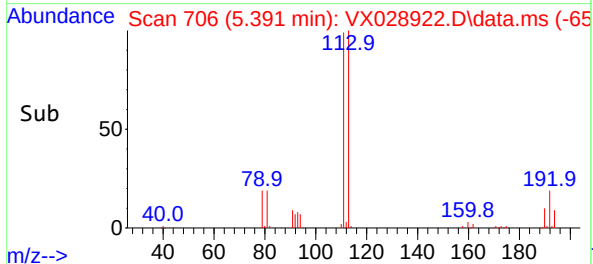
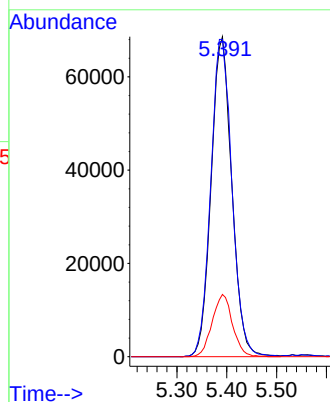
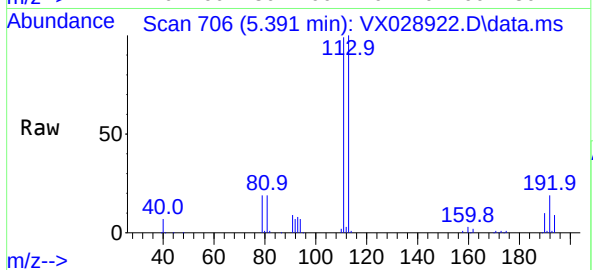




#35
Dibromofluoromethane
Concen: 50.452 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

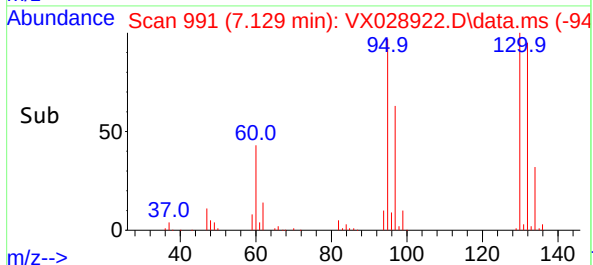
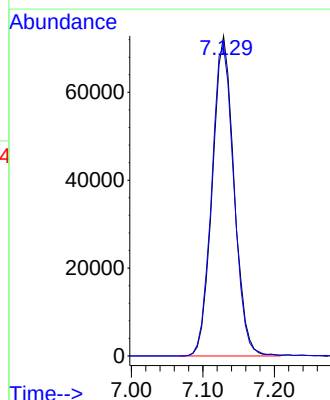
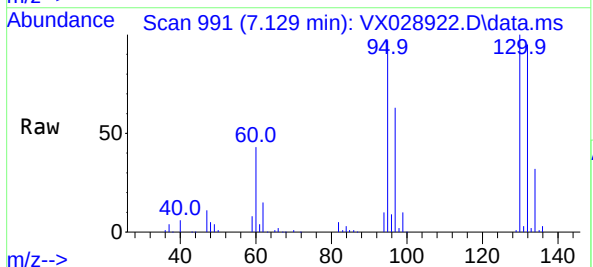
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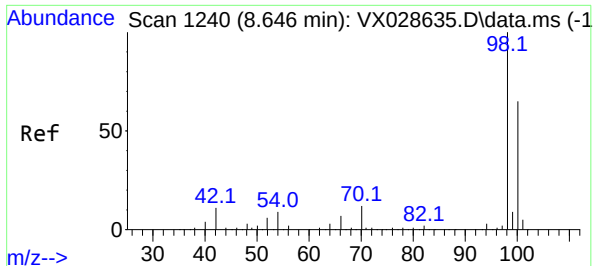
Tgt Ion:113 Resp: 197049
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.2 16.9 25.3



#44
Trichloroethene
Concen: 33.556 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

Tgt Ion:130 Resp: 153430
Ion Ratio Lower Upper
130 100
95 96.8 0.0 188.8

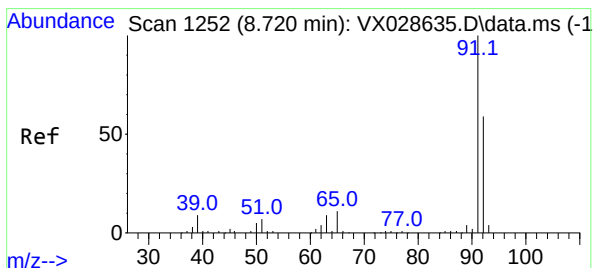
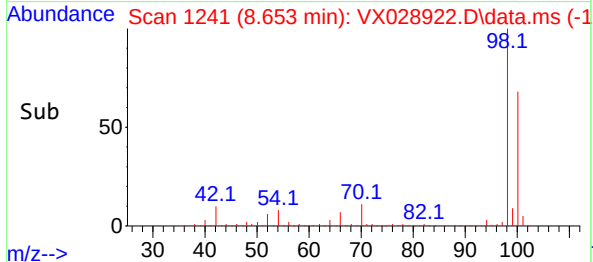
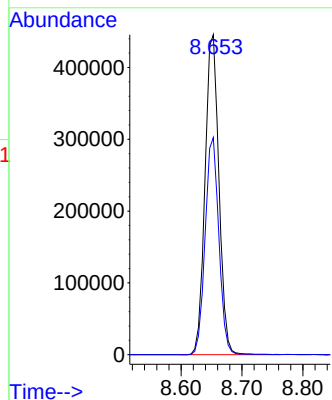
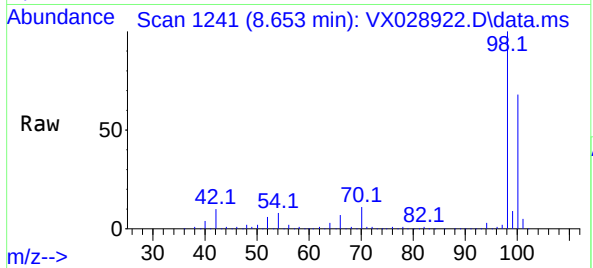




#50
Toluene-d8
Concen: 48.013 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

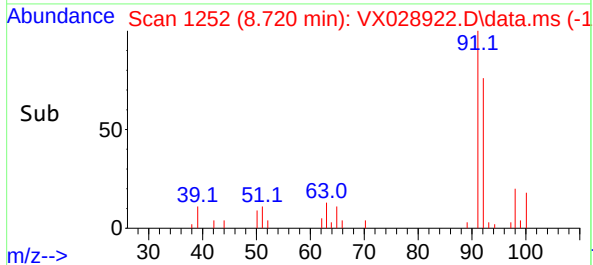
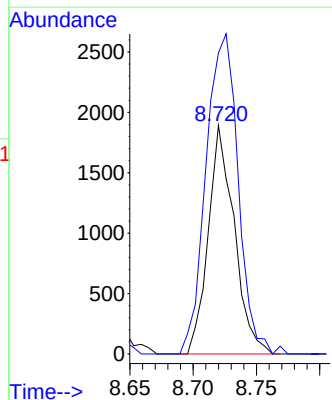
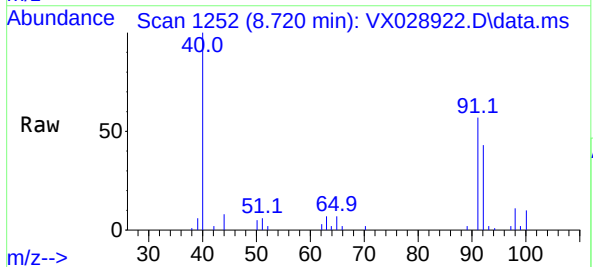
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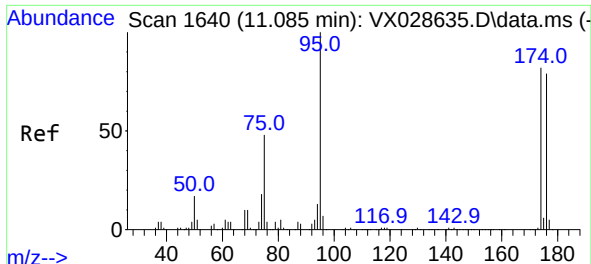
Tgt Ion: 98 Resp: 706988
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#52
Toluene
Concen: 0.249 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

Tgt Ion: 92 Resp: 2704
Ion Ratio Lower Upper
92 100
91 173.5 137.5 206.3

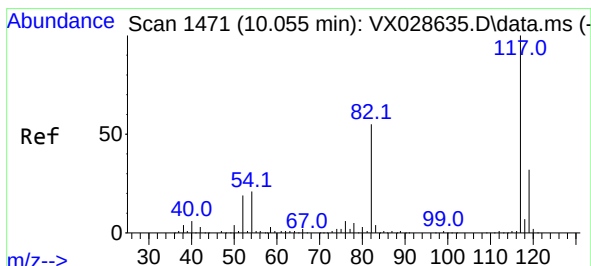
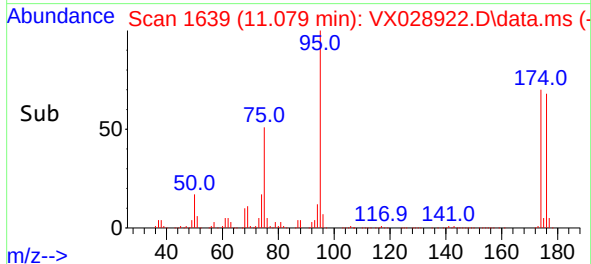
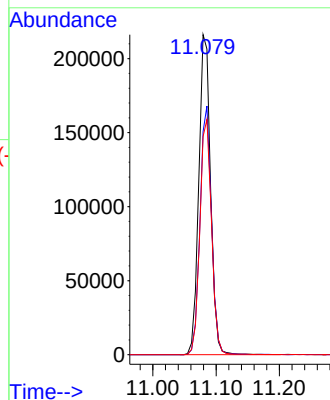
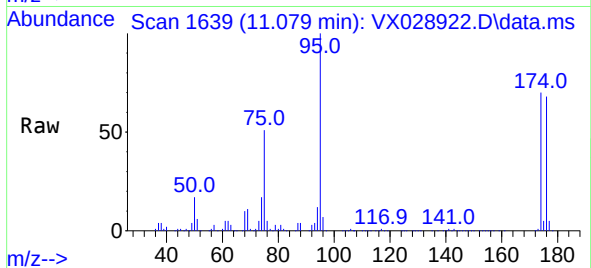




#62
4-Bromofluorobenzene
Concen: 50.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

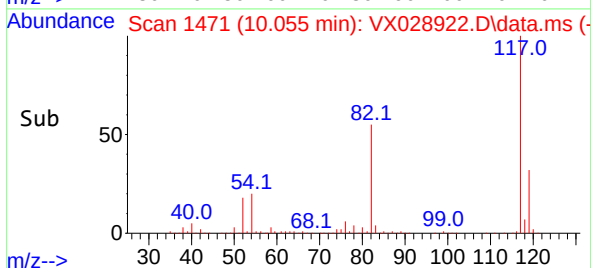
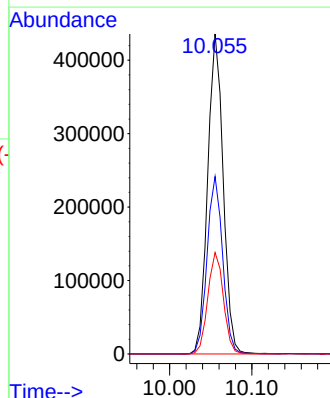
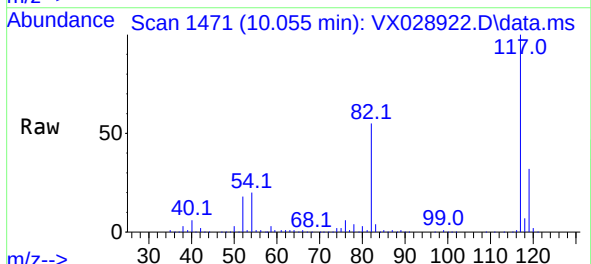
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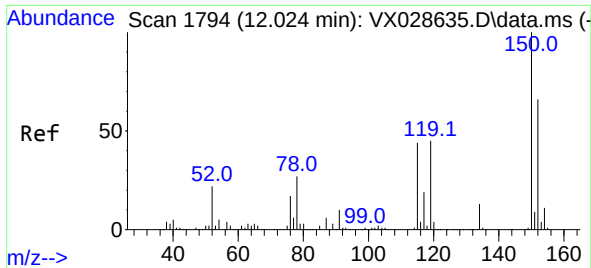
Tgt Ion: 95 Resp: 279852
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 73.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028922.D
Acq: 24 May 2022 15:32

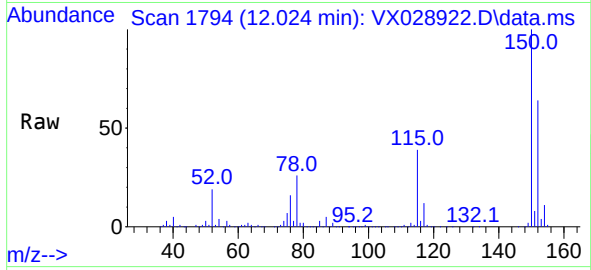
Tgt Ion: 117 Resp: 570538
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 31.7 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028922.D
 Acq: 24 May 2022 15:32

Instrument :
 MSVOA_X
 ClientSampleId :
 70BR-72-20220519DL



Tgt Ion:152 Resp: 265753
 Ion Ratio Lower Upper
 152 100
 115 61.1 37.5 112.7
 150 155.7 0.0 338.2

