

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032792.D
 Acq On : 14 Nov 2022 14:17
 Operator : JC/MD
 Sample : N5558-12 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20221109

Quant Time: Nov 15 05:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

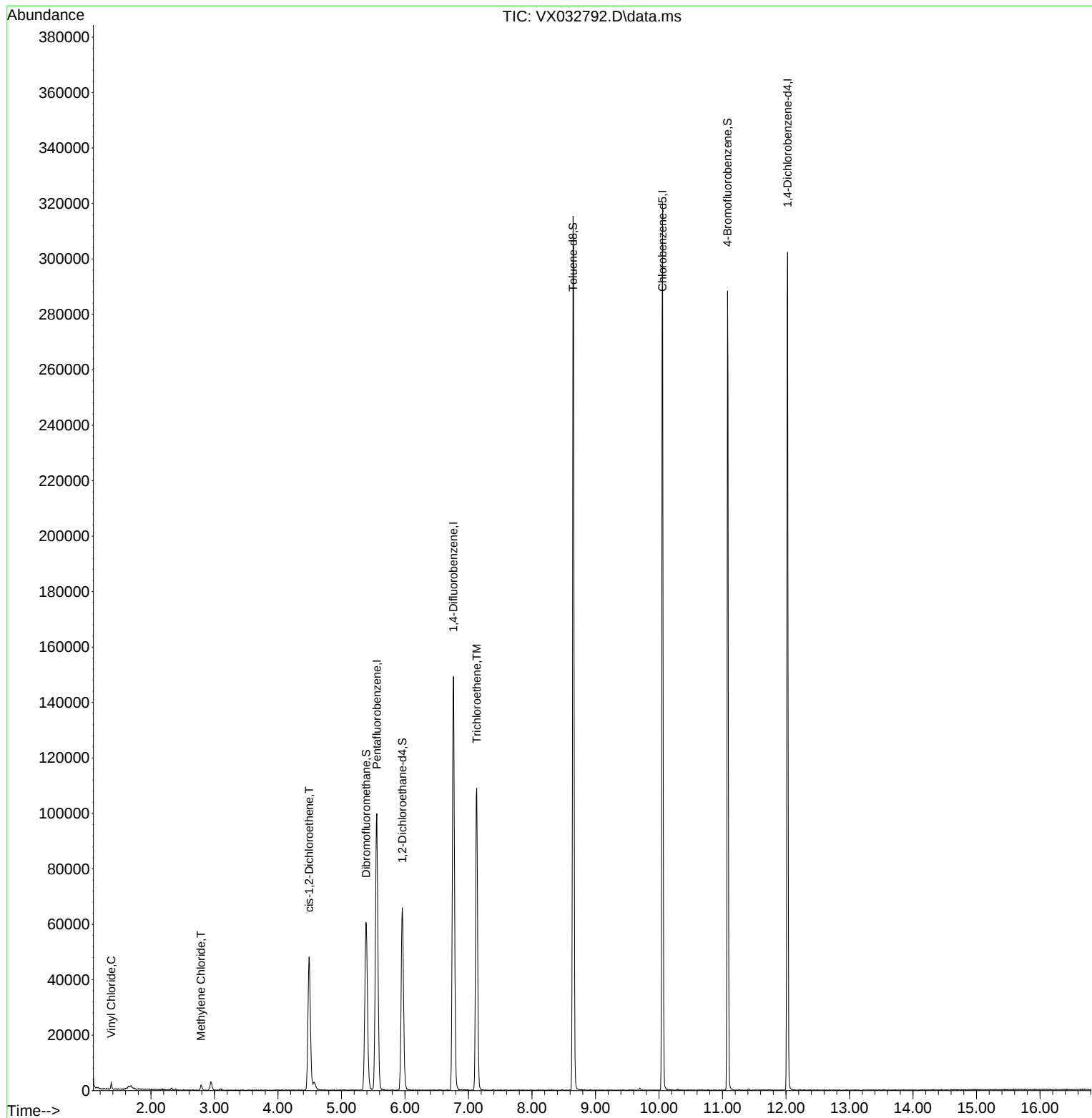
Internal Standards						
1) Pentafluorobenzene	5.556	168	93325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152560	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65023	50.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.280%
35) Dibromofluoromethane	5.385	113	52294	48.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.647	98	187306	49.499	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.000%
62) 4-Bromofluorobenzene	11.079	95	70108	47.431	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.860%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1618	1.615	ug/l	98
20) Methylene Chloride	2.788	84	949	0.878	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	30177	25.627	ug/l	89
44) Trichloroethene	7.129	130	42439	35.155	ug/l	100

(#) = 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

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Instrument :

MSVOA_X

ClientSampleId :

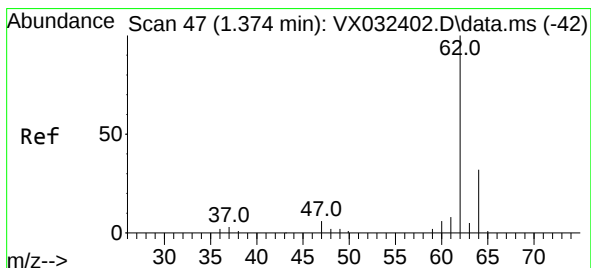
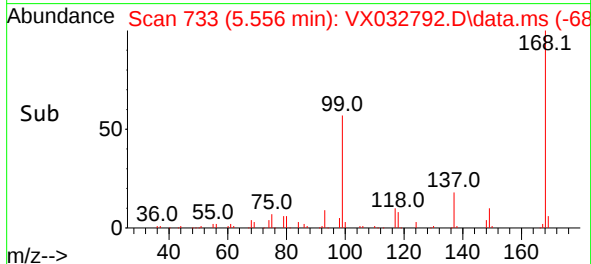
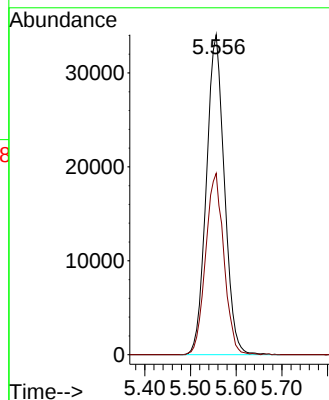
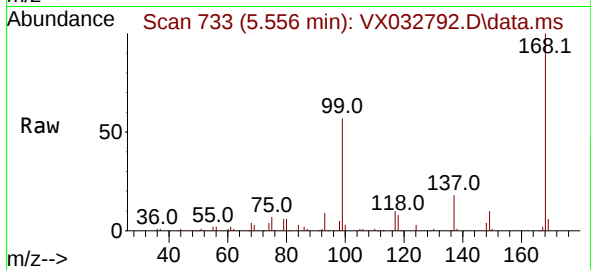
DUP01-20221109

Tgt Ion:168 Resp: 93325

Ion Ratio Lower Upper

168 100

99 56.6 46.1 69.1



#4

Vinyl Chloride

Concen: 1.615 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX032792.D

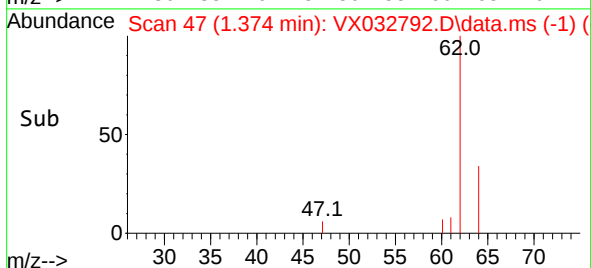
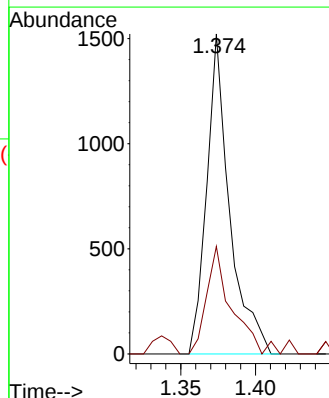
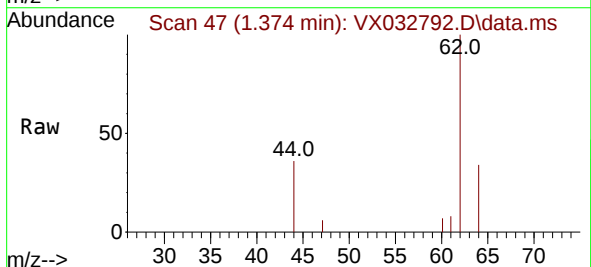
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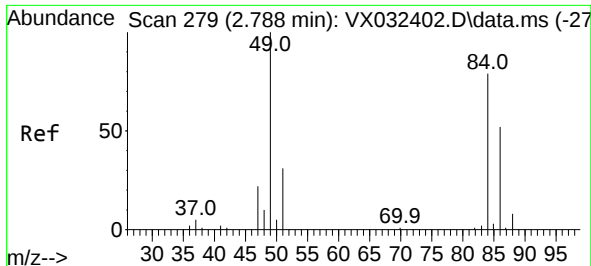
Tgt Ion: 62 Resp: 1618

Ion Ratio Lower Upper

62 100

64 33.6 25.8 38.6

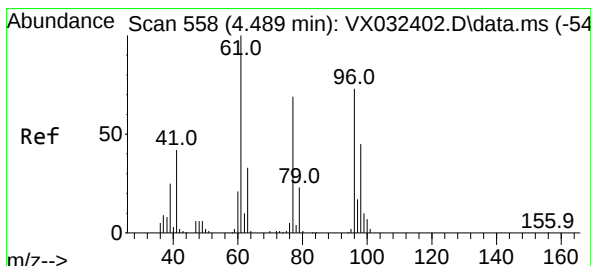
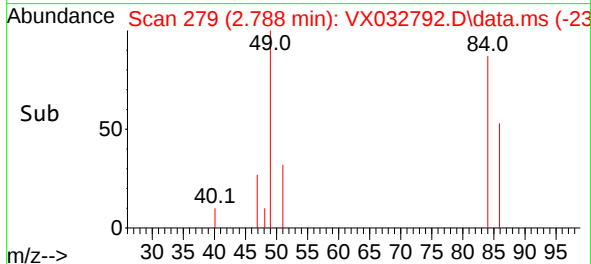
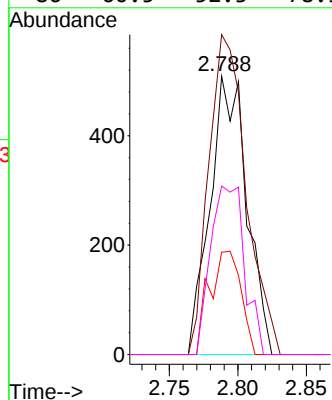
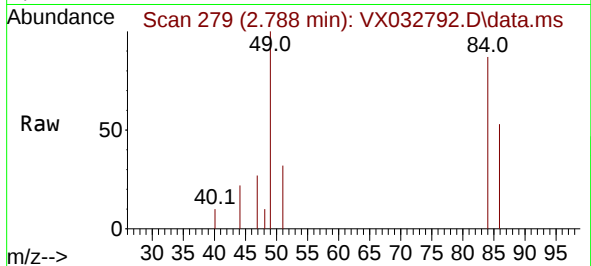




#20
Methylene Chloride
Concen: 0.878 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032792.D
Acq: 14 Nov 2022 14:17

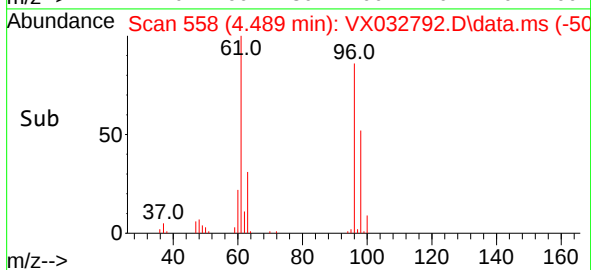
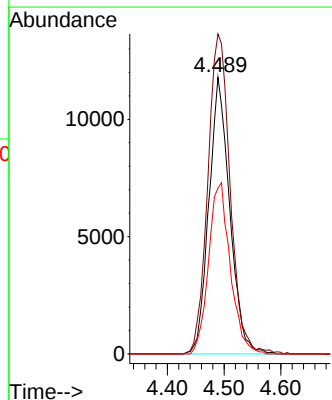
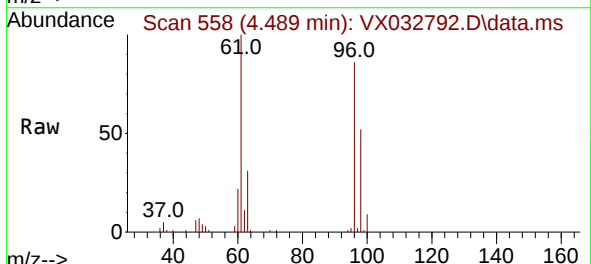
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MSVOA_X
ClientSampleId :
DUP01-20221109

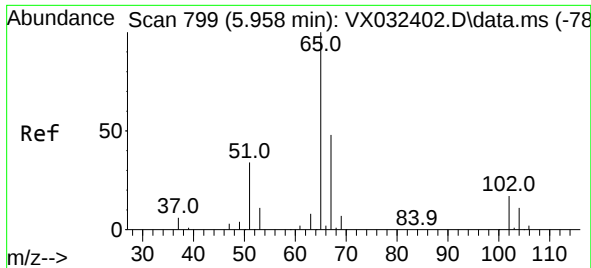
Tgt Ion:	84	Resp:	949
Ion	Ratio	Lower	Upper
84	100		
49	114.9	101.0	151.6
51	36.7	31.1	46.7
86	60.5	52.3	78.5



#27
cis-1,2-Dichloroethene
Concen: 25.627 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032792.D
Acq: 14 Nov 2022 14:17

Tgt Ion:	96	Resp:	30177
Ion	Ratio	Lower	Upper
96	100		
61	124.1	0.0	286.0
98	64.2	0.0	129.6

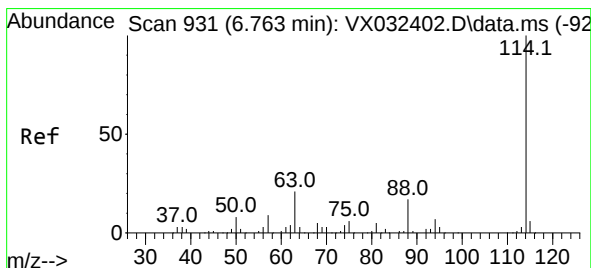
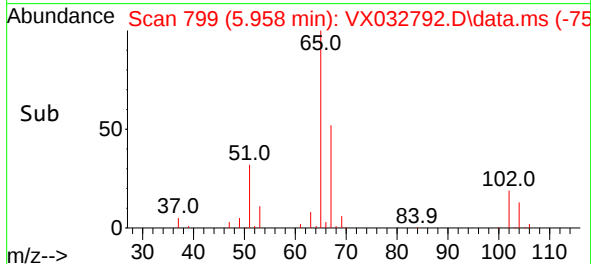
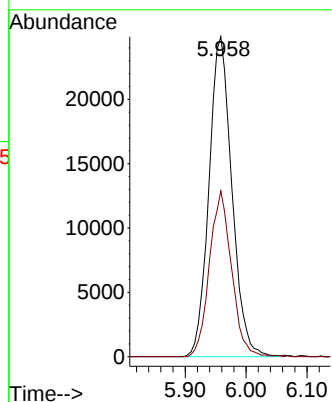
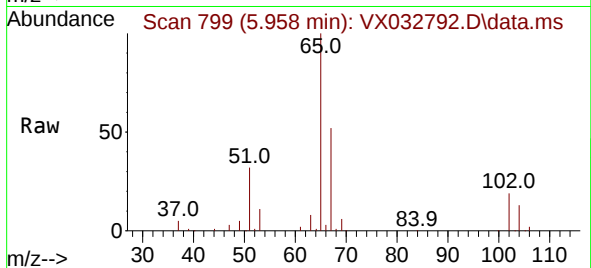




#33
 1,2-Dichloroethane-d4
 Concen: 50.144 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032792.D
 Acq: 14 Nov 2022 14:17

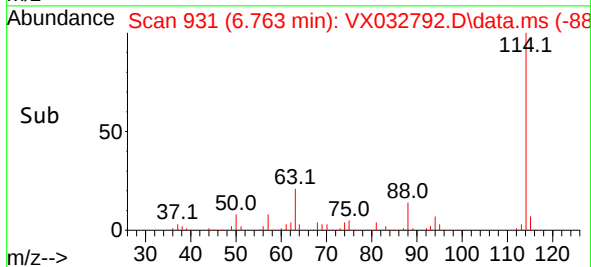
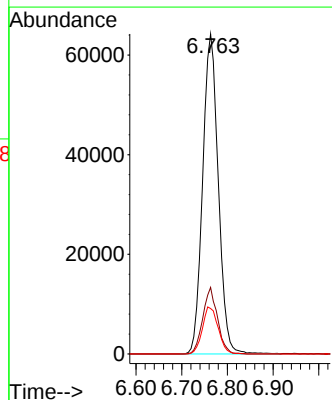
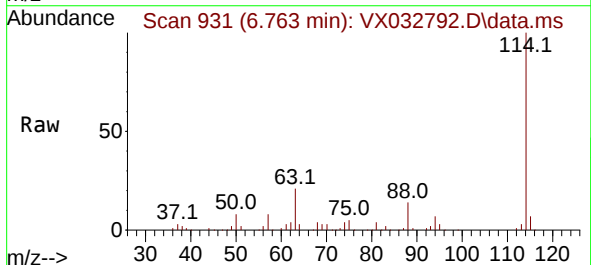
Instrument :
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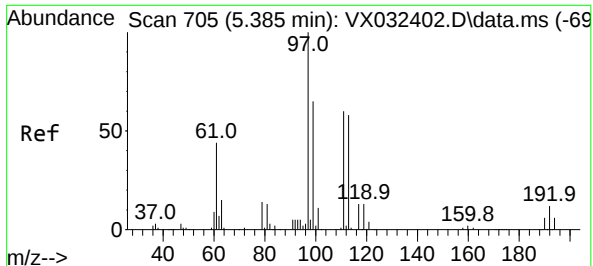
Tgt Ion: 65 Resp: 65023
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032792.D
 Acq: 14 Nov 2022 14:17

Tgt Ion: 114 Resp: 152560
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 14.2 0.0 33.4

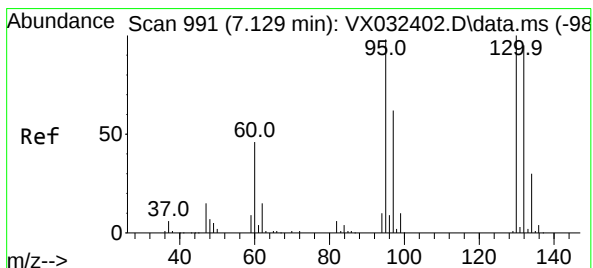
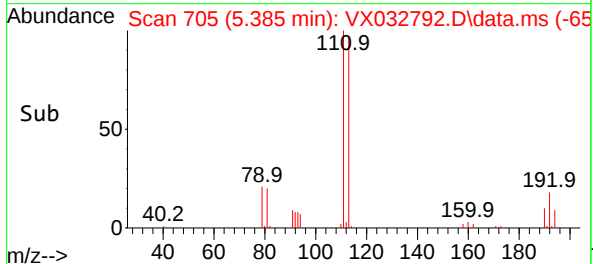
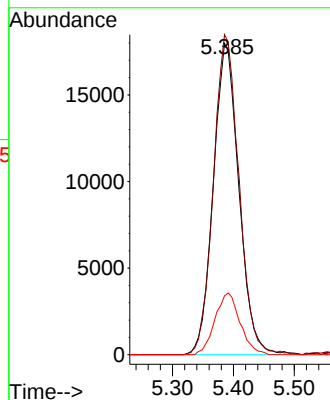
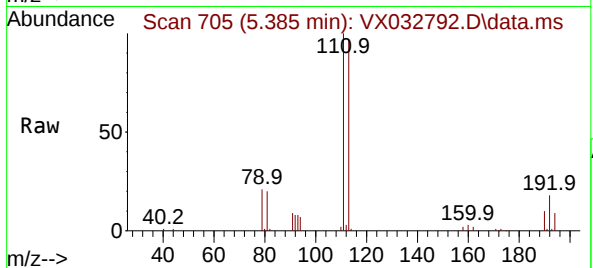




#35
Dibromofluoromethane
Concen: 48.054 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032792.D
Acq: 14 Nov 2022 14:17

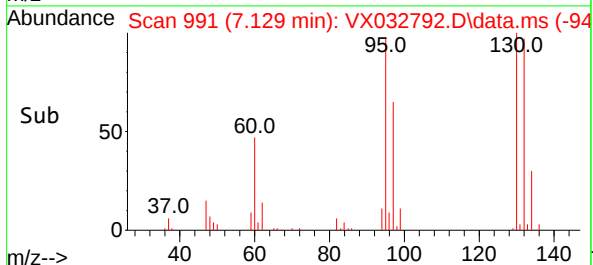
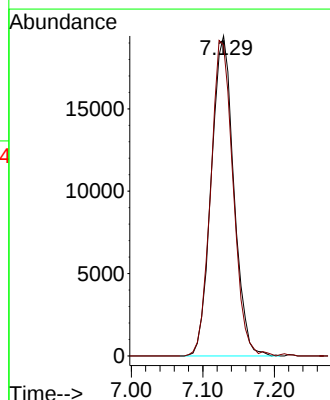
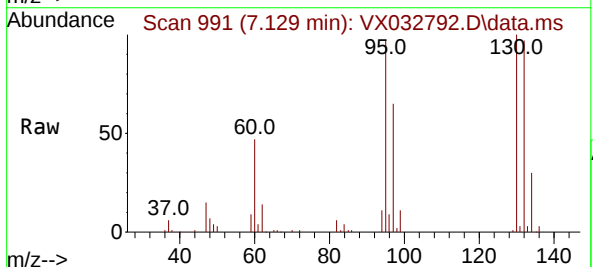
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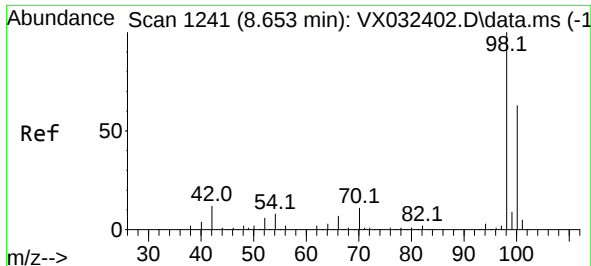
Tgt Ion:113 Resp: 52294
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.5 15.4 23.2



#44
Trichloroethene
Concen: 35.155 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032792.D
Acq: 14 Nov 2022 14:17

Tgt Ion:130 Resp: 42439
Ion Ratio Lower Upper
130 100
95 97.2 0.0 195.2

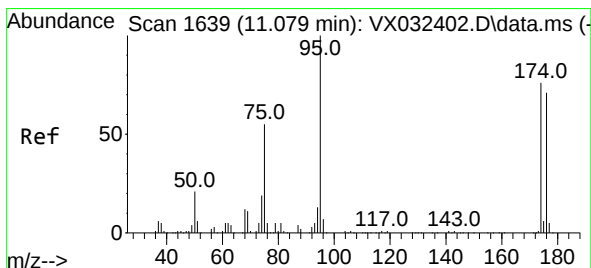
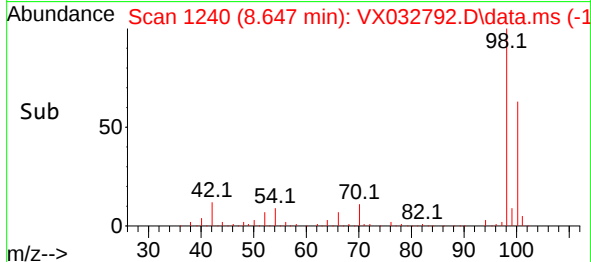
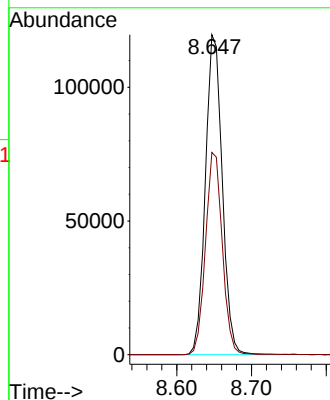
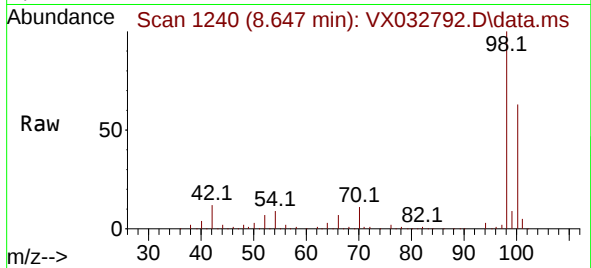




#50
Toluene-d8
Concen: 49.499 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032792.D
Acq: 14 Nov 2022 14:17

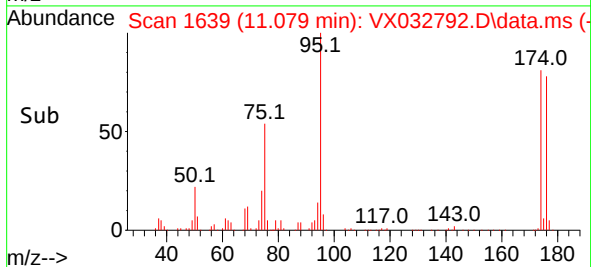
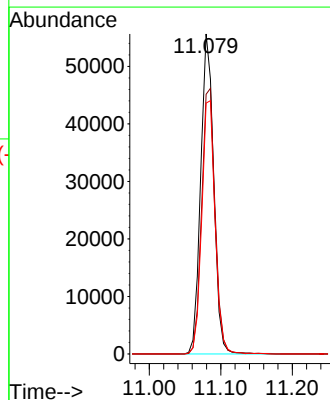
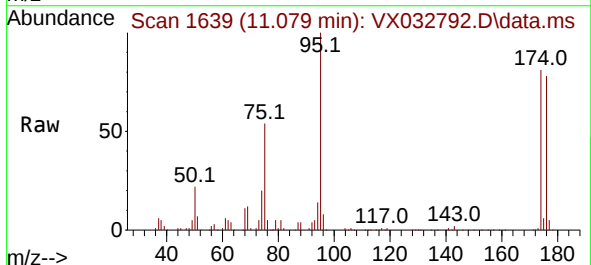
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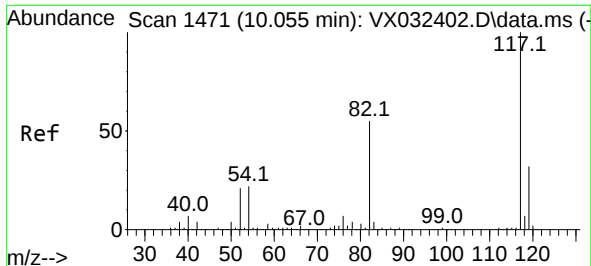
Tgt Ion: 98 Resp: 187306
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032792.D
Acq: 14 Nov 2022 14:17

Tgt Ion: 95 Resp: 70108
Ion Ratio Lower Upper
95 100
174 86.5 0.0 164.0
176 81.7 0.0 154.4

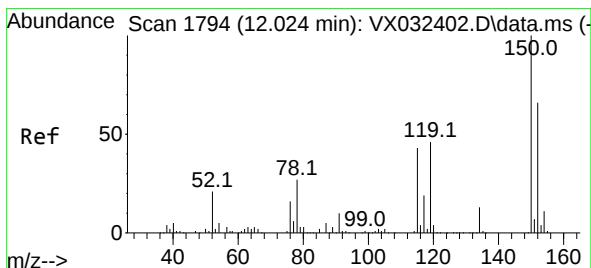
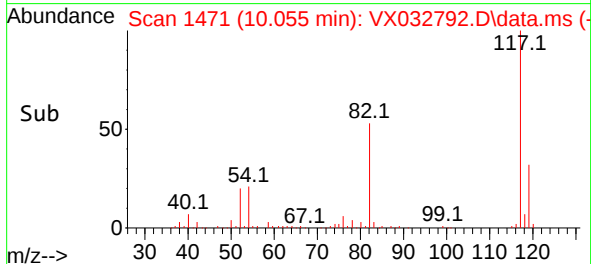
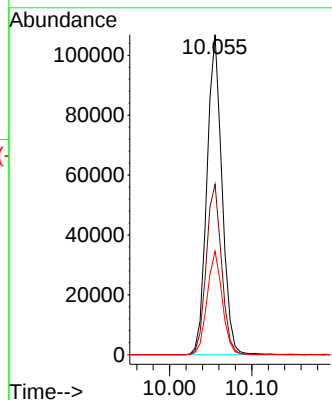
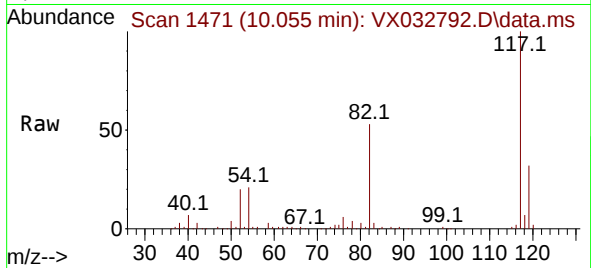




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032792.D
Acq: 14 Nov 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20221109

Tgt Ion:117 Resp: 136134
Ion Ratio Lower Upper
117 100
82 53.2 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032792.D
Acq: 14 Nov 2022 14:17

Tgt Ion:152 Resp: 63990
Ion Ratio Lower Upper
152 100
115 58.8 44.0 132.0
150 154.4 0.0 351.8

