

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038985.D
 Acq On : 21 Nov 2023 15:27
 Operator : JC/MD
 Sample : 05431-10 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113

Quant Time: Nov 22 03:21:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

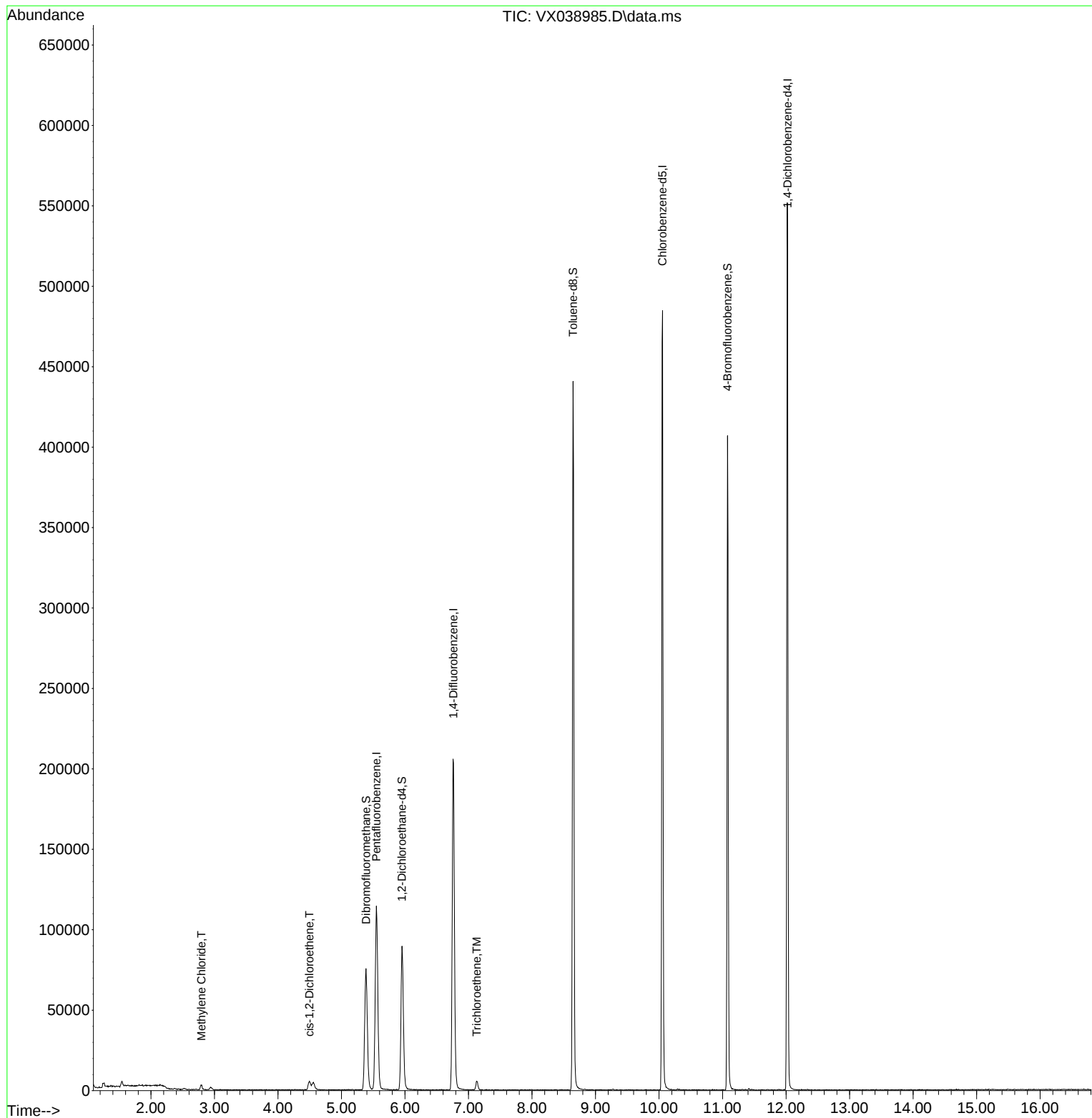
Internal Standards						
1) Pentafluorobenzene	5.550	168	99803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83021	51.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.240%
35) Dibromofluoromethane	5.385	113	66486	44.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.260%
50) Toluene-d8	8.647	98	263384	46.206	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.420%
62) 4-Bromofluorobenzene	11.079	95	114108	50.007	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%
Target Compounds						
						Qvalue
20) Methylene Chloride	2.794	84	1381	0.895	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	3367	2.105	ug/l	97
44) Trichloroethene	7.129	130	2126	1.383	ug/l	92

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

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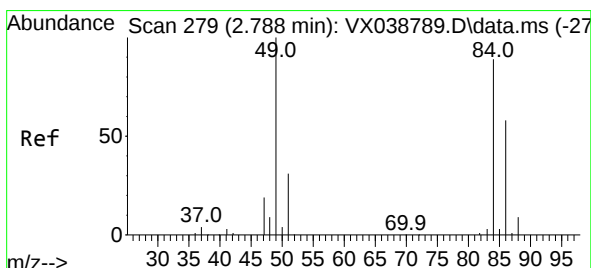
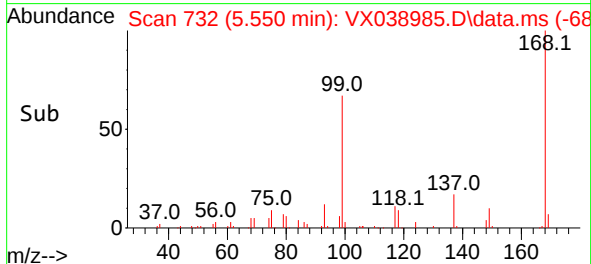
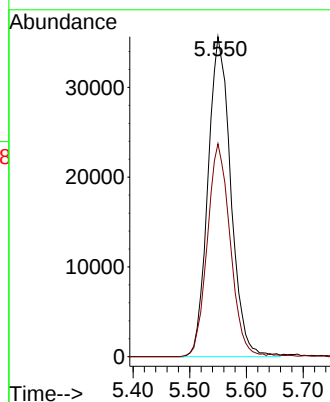
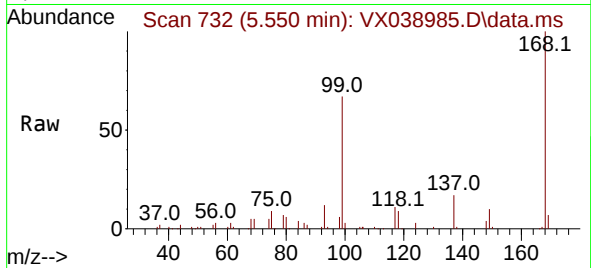




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

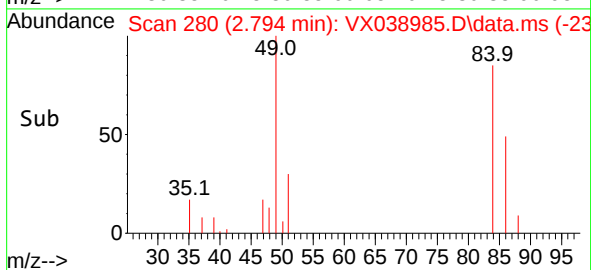
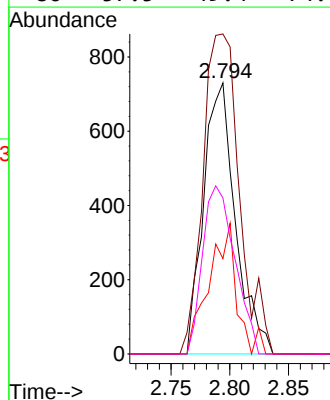
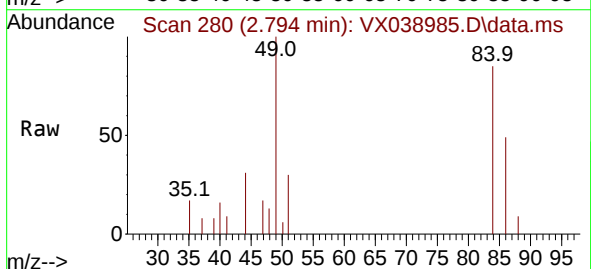
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

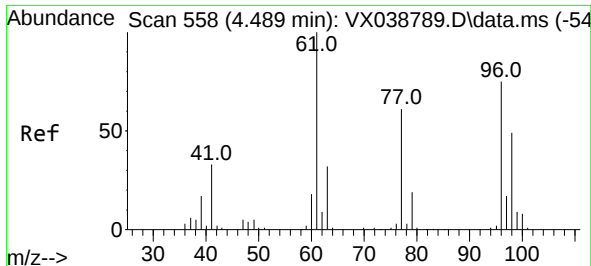
Tgt Ion:168 Resp: 99803
Ion Ratio Lower Upper
168 100
99 66.5 56.6 85.0



#20
Methylene Chloride
Concen: 0.895 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion: 84 Resp: 1381
Ion Ratio Lower Upper
84 100
49 118.1 103.6 155.4
51 35.2 33.8 50.6
86 57.5 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 2.105 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038985.D

Acq: 21 Nov 2023 15:27

Instrument :

MSVOA_X

ClientSampleId :

22BR-20231113

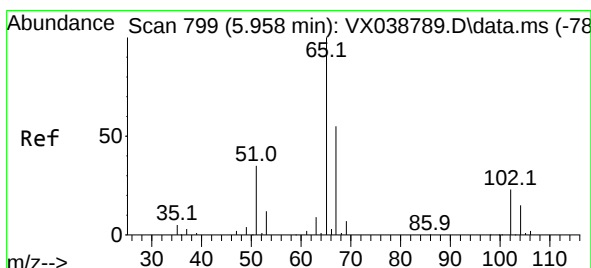
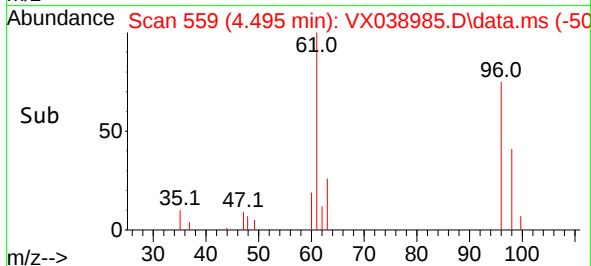
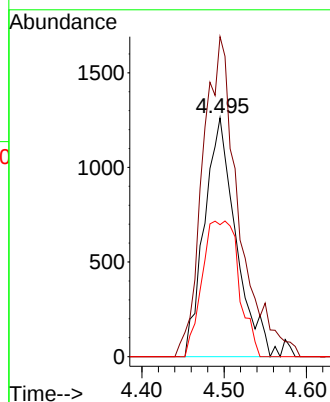
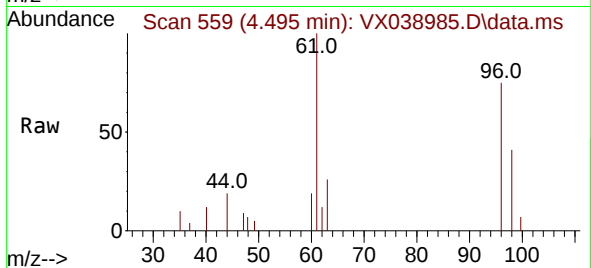
Tgt Ion: 96 Resp: 3367

Ion Ratio Lower Upper

96 100

61 152.3 0.0 312.2

98 66.1 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 51.624 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038985.D

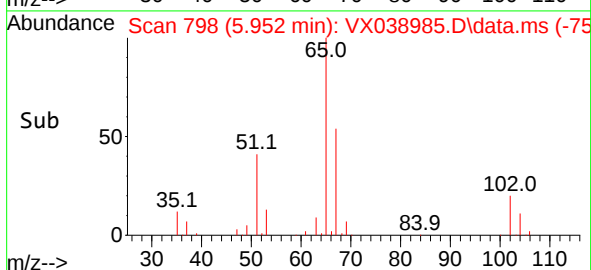
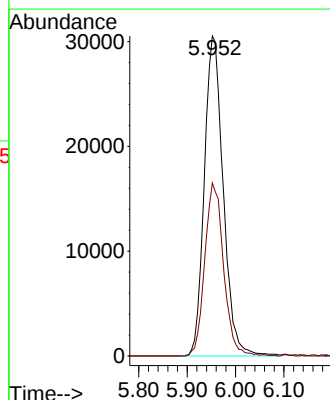
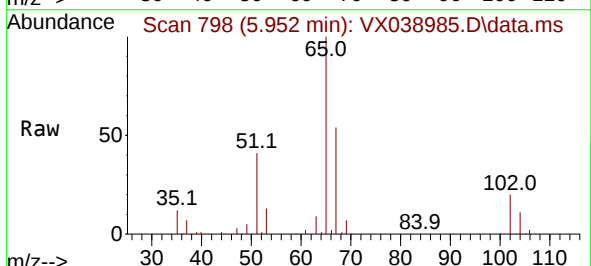
Acq: 21 Nov 2023 15:27

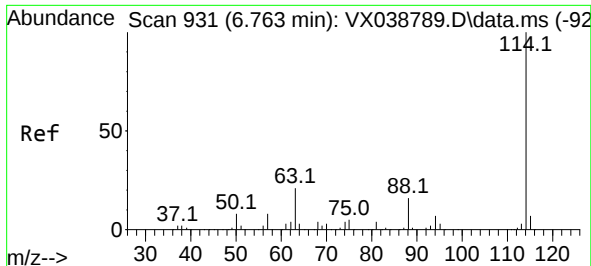
Tgt Ion: 65 Resp: 83021

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2

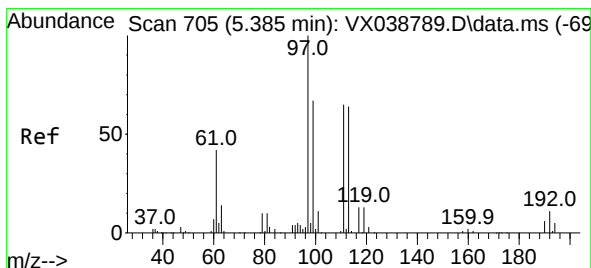
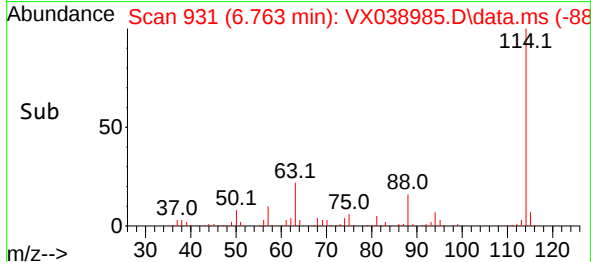
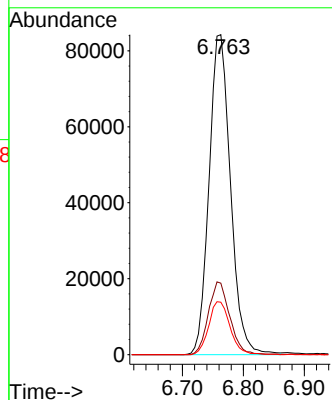
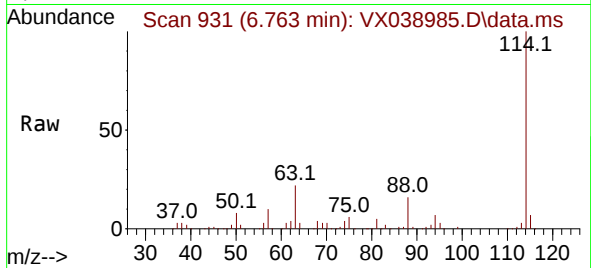




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

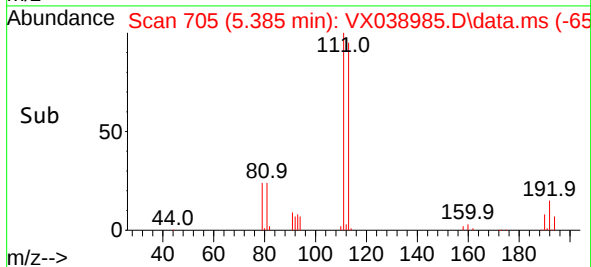
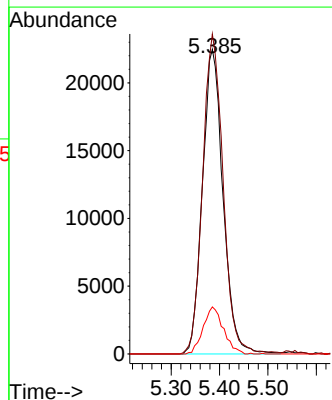
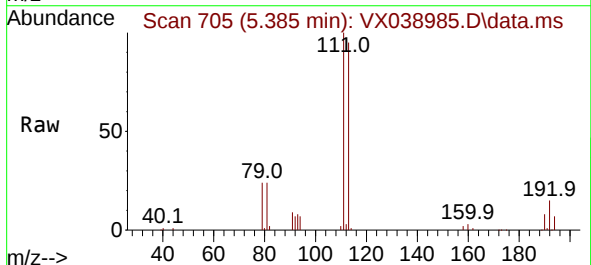
Instrument :
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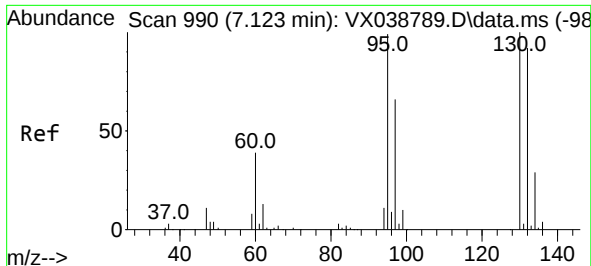
Tgt Ion:114 Resp: 206285
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.626 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion:113 Resp: 66486
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.2 13.3 19.9

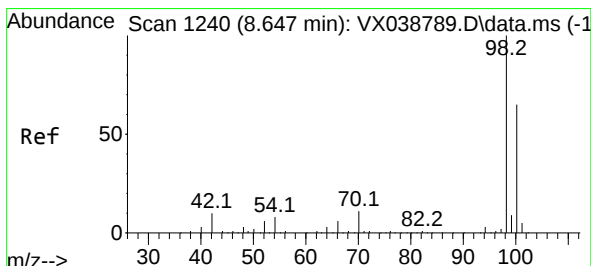
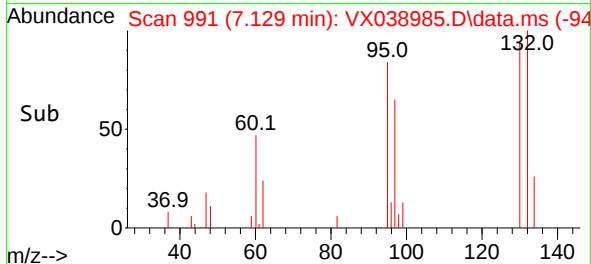
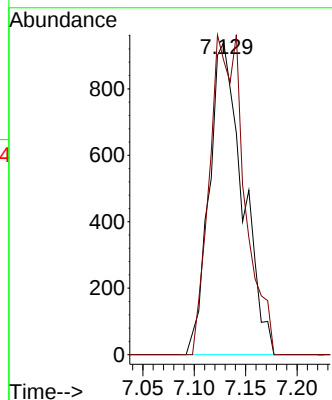
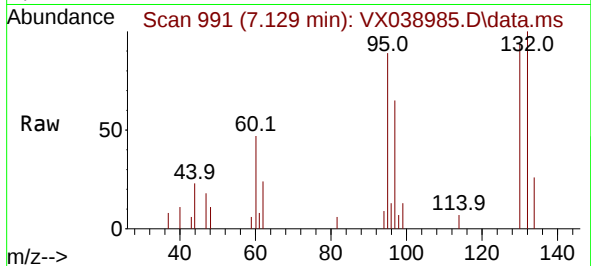




#44
Trichloroethene
Concen: 1.383 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

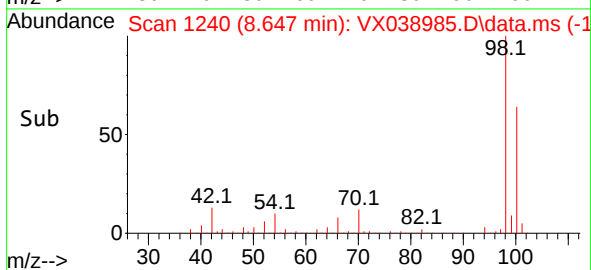
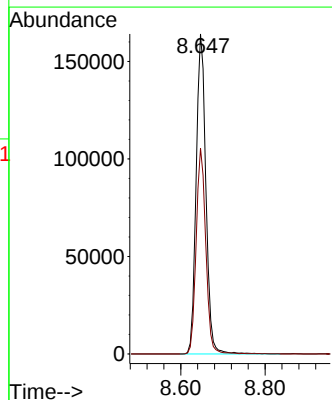
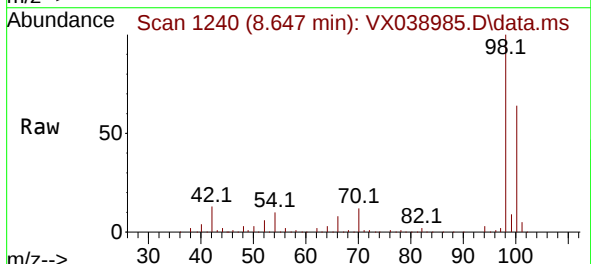
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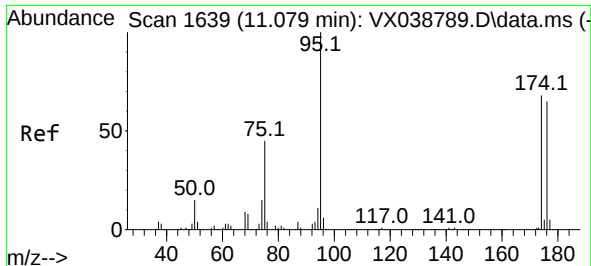
Tgt Ion:130 Resp: 2126
Ion Ratio Lower Upper
130 100
95 94.1 0.0 204.4



#50
Toluene-d8
Concen: 46.206 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion: 98 Resp: 263384
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

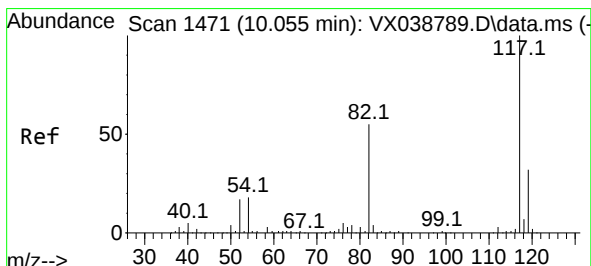
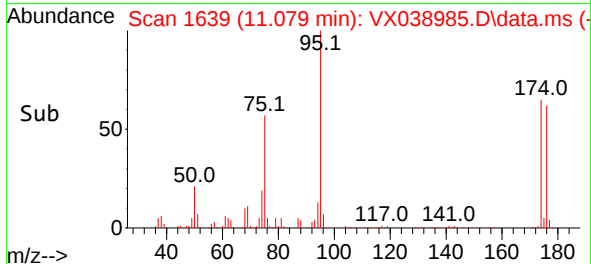
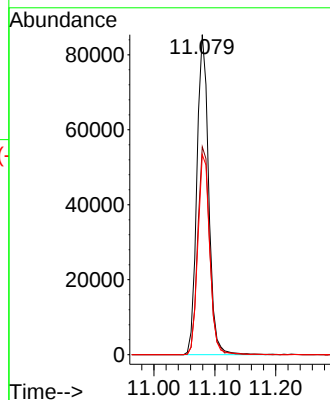
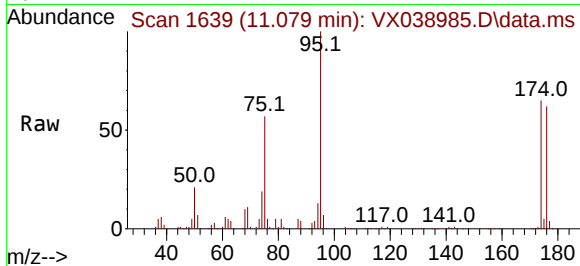




#62
4-Bromofluorobenzene
Concen: 50.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

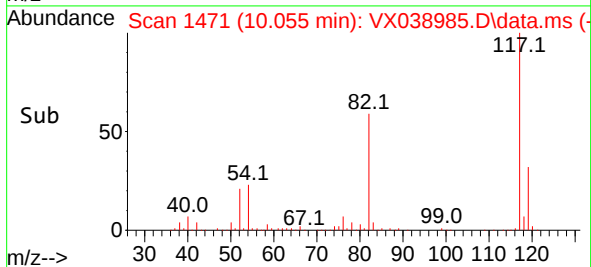
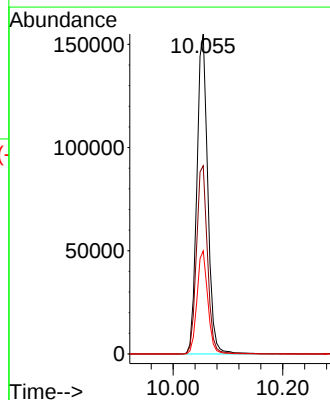
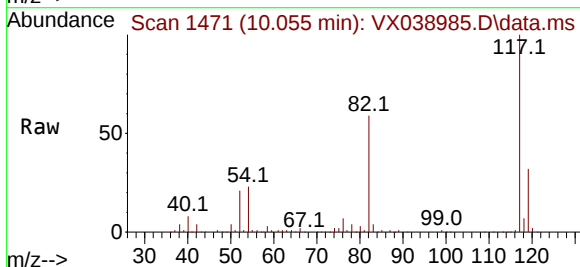
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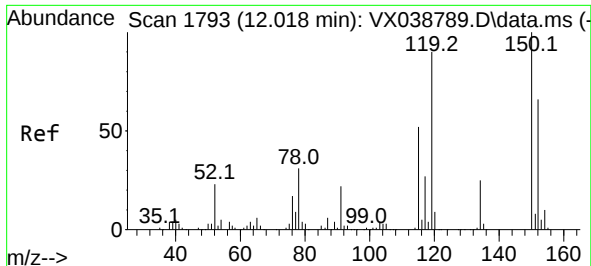
Tgt Ion: 95 Resp: 114108
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 63.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

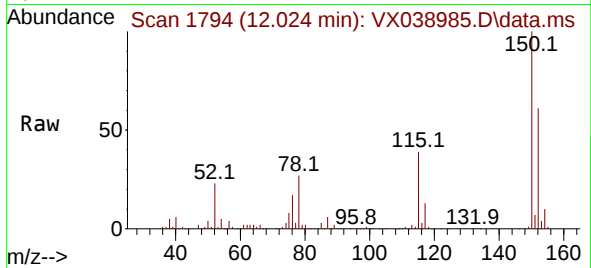
Tgt Ion: 117 Resp: 215270
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038985.D
 Acq: 21 Nov 2023 15:27

Instrument :
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Tgt Ion:152	Resp:	107935
Ion	Ratio	Lower Upper
152	100	
115	66.3	43.3 129.9
150	160.1	0.0 345.0

