

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038967.D
 Acq On : 20 Nov 2023 18:31
 Operator : JC/MD
 Sample : 05431-11 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20231113

Quant Time: Nov 21 00:24:52 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)

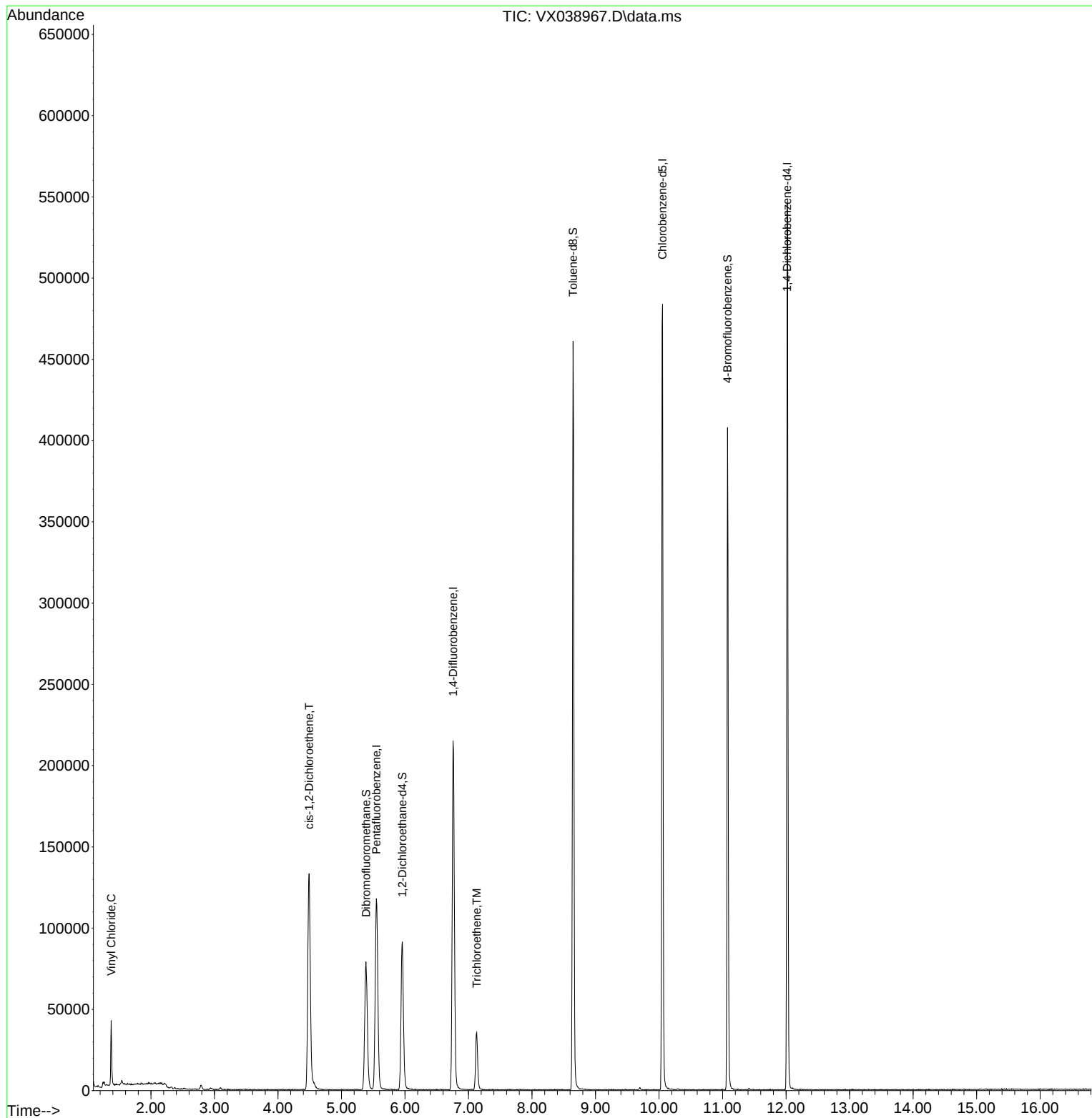
Internal Standards						
1) Pentafluorobenzene	5.550	168	106093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85799	50.189	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.380%
35) Dibromofluoromethane	5.385	113	69514	44.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.660%
50) Toluene-d8	8.647	98	272013	45.853	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.700%#
62) 4-Bromofluorobenzene	11.079	95	114997	48.426	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.860%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	24467	15.720	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	82245	48.359	ug/l	88
44) Trichloroethene	7.129	130	13395	8.373	ug/l	97

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

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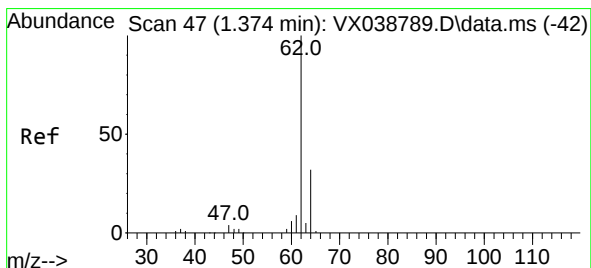
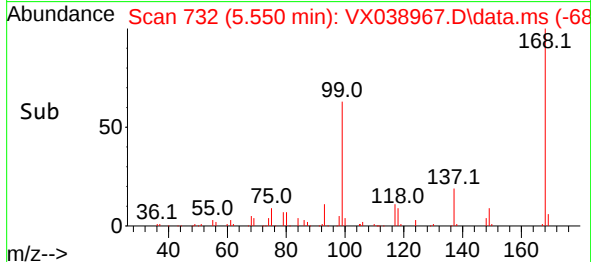
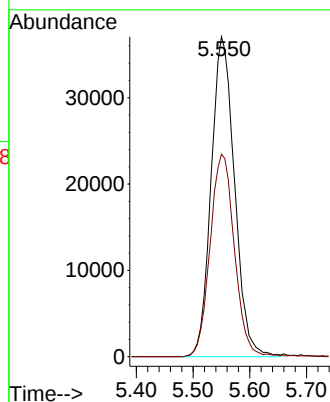
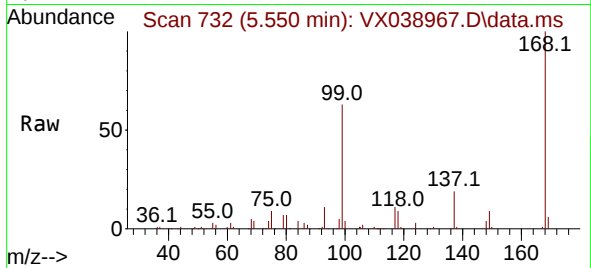




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038967.D
Acq: 20 Nov 2023 18:31

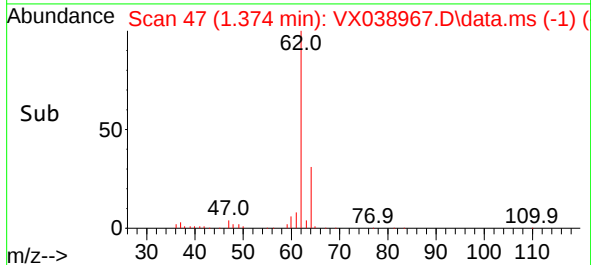
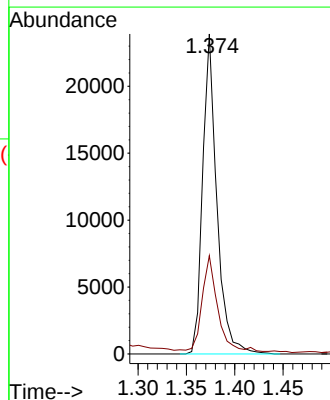
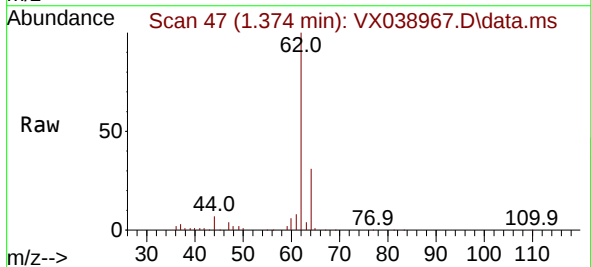
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20231113

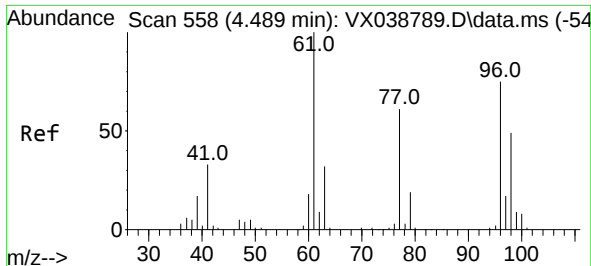
Tgt Ion:168 Resp: 106093
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#4
Vinyl Chloride
Concen: 15.720 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038967.D
Acq: 20 Nov 2023 18:31

Tgt Ion: 62 Resp: 24467
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0





#27

cis-1,2-Dichloroethene

Concen: 48.359 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038967.D

Acq: 20 Nov 2023 18:31

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20231113

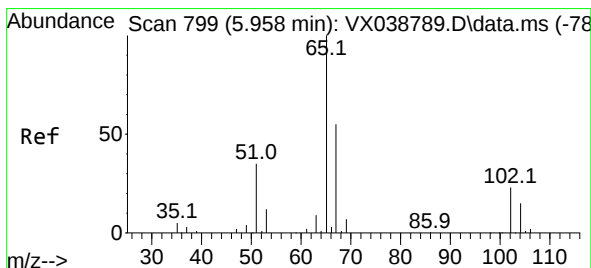
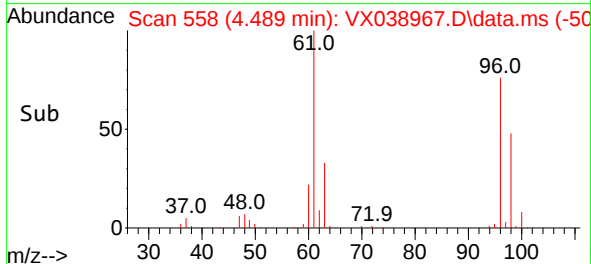
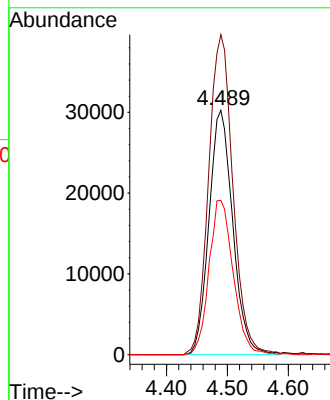
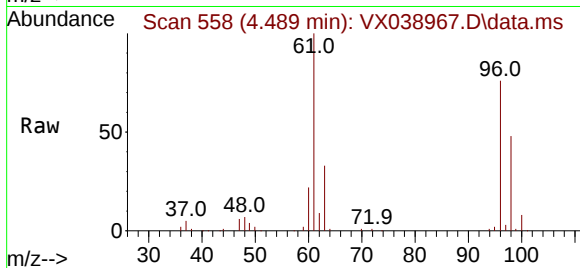
Tgt Ion: 96 Resp: 82245

Ion Ratio Lower Upper

96 100

61 133.9 0.0 312.2

98 64.1 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 50.189 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038967.D

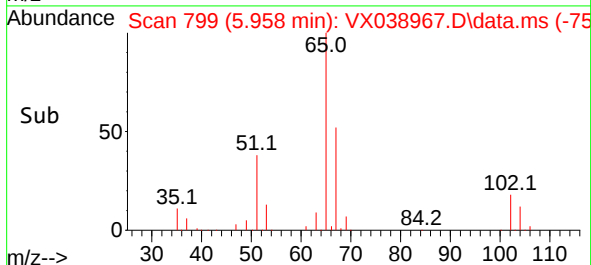
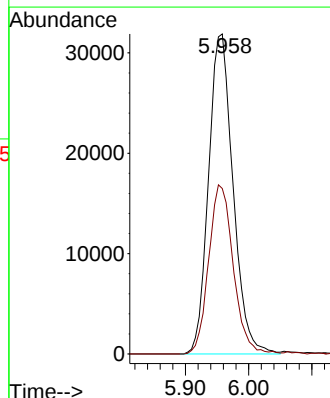
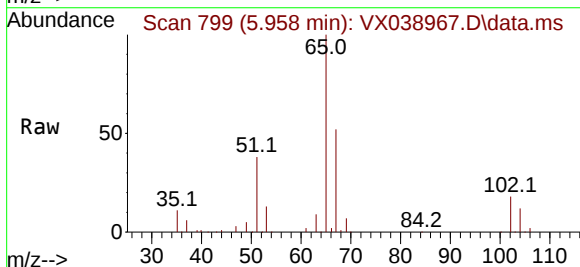
Acq: 20 Nov 2023 18:31

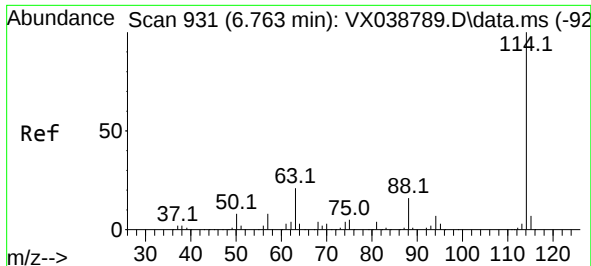
Tgt Ion: 65 Resp: 85799

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2

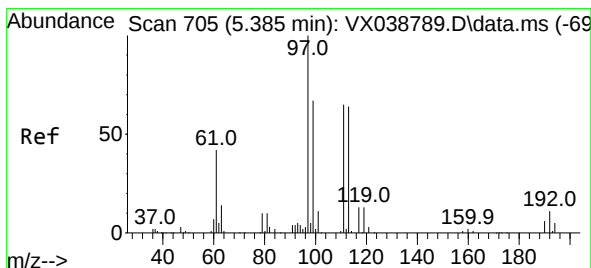
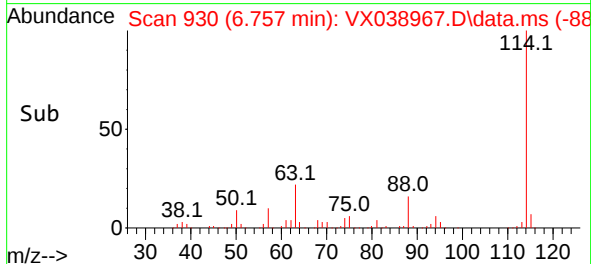
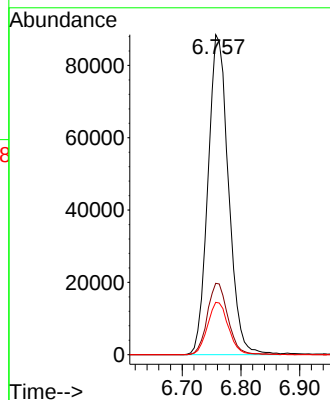
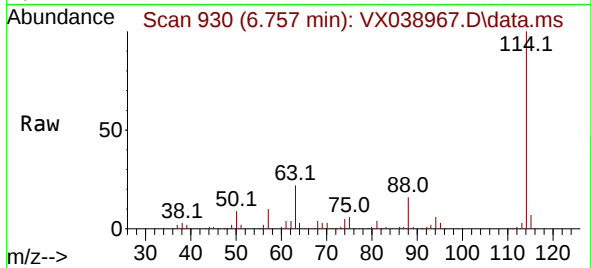




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX038967.D
Acq: 20 Nov 2023 18:31

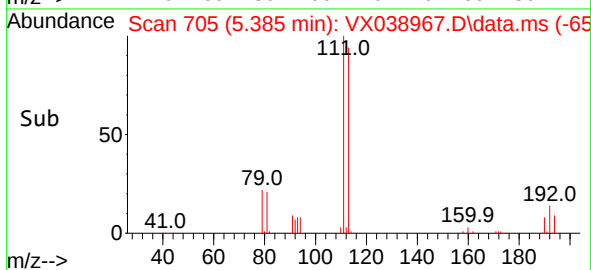
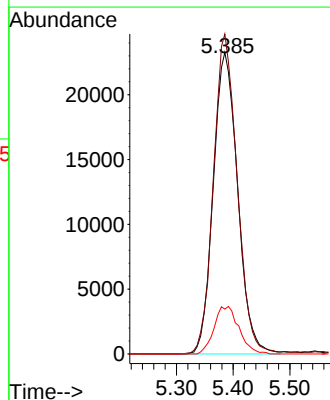
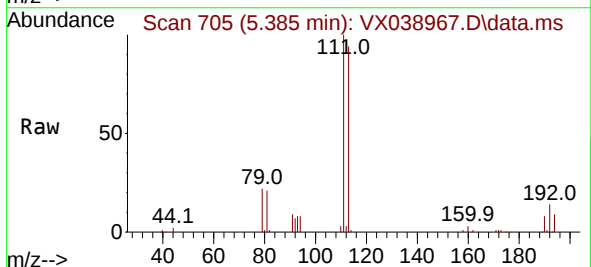
Instrument :
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ClientSampleId :
BRP2-20231113

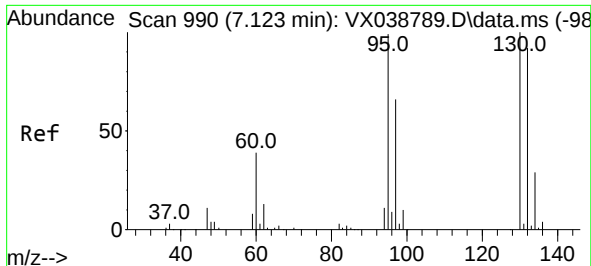
Tgt Ion:114 Resp: 214682
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.834 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038967.D
Acq: 20 Nov 2023 18:31

Tgt Ion:113 Resp: 69514
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 16.0 13.3 19.9

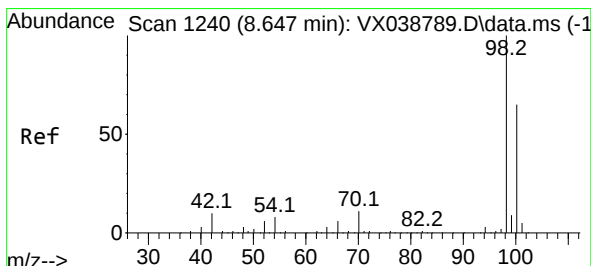
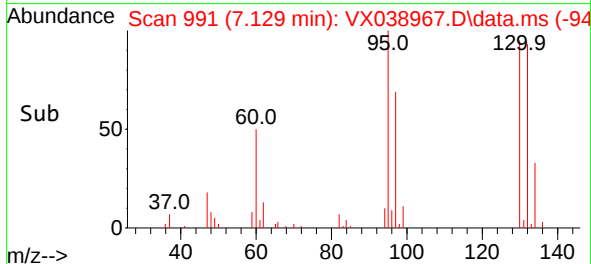
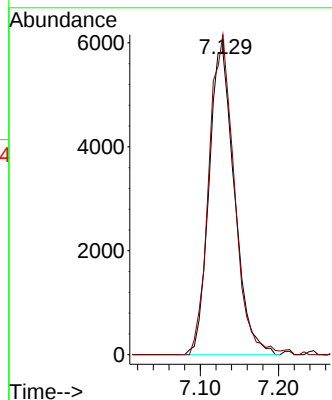
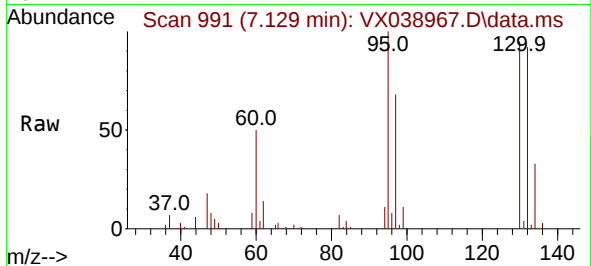




#44
 Trichloroethene
 Concen: 8.373 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX038967.D
 Acq: 20 Nov 2023 18:31

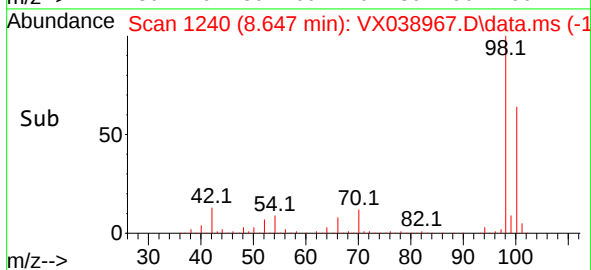
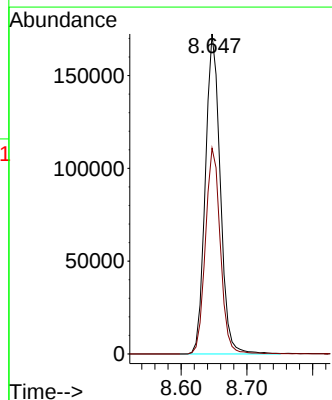
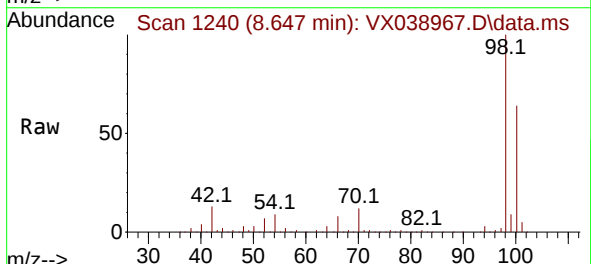
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 MSVOA_X
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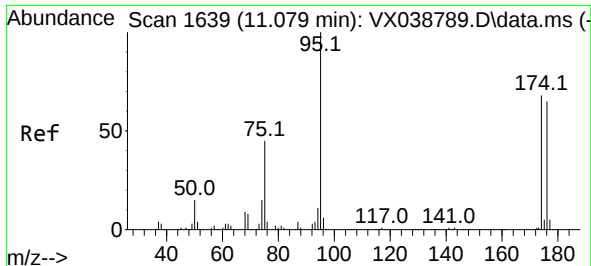
Tgt Ion:130 Resp: 13395
 Ion Ratio Lower Upper
 130 100
 95 105.7 0.0 204.4



#50
 Toluene-d8
 Concen: 45.853 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX038967.D
 Acq: 20 Nov 2023 18:31

Tgt Ion: 98 Resp: 272013
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.1 79.7

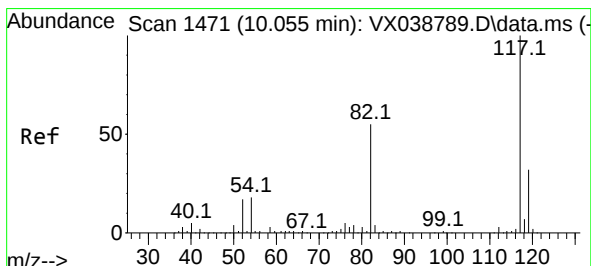
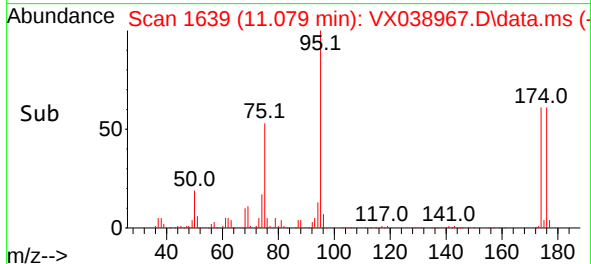
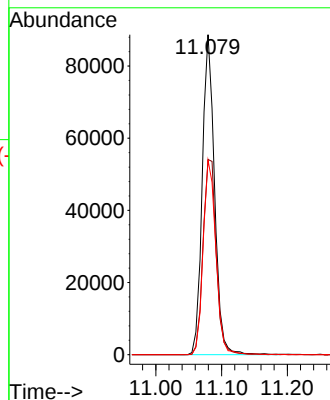
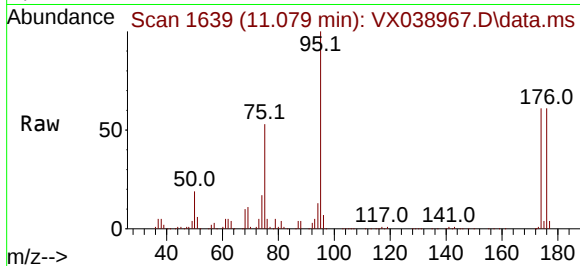




#62
4-Bromofluorobenzene
Concen: 48.426 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038967.D
Acq: 20 Nov 2023 18:31

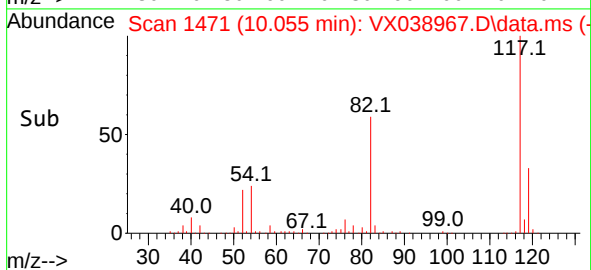
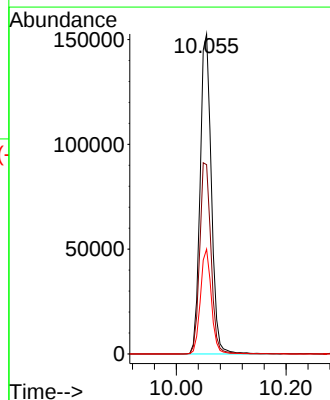
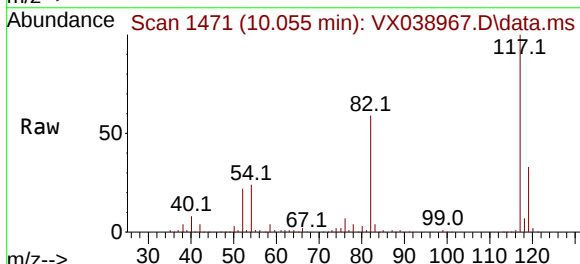
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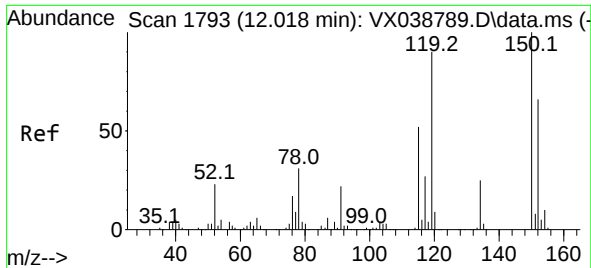
Tgt Ion: 95 Resp: 114997
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.6
176 63.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038967.D
Acq: 20 Nov 2023 18:31

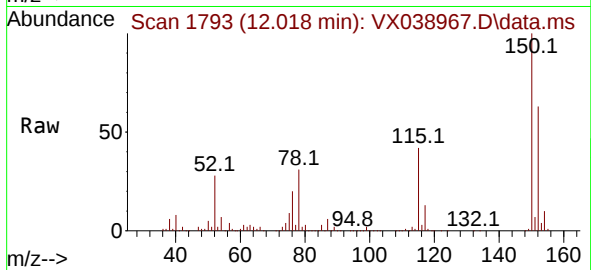
Tgt Ion: 117 Resp: 217305
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038967.D
 Acq: 20 Nov 2023 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20231113



Tgt Ion:152 Resp: 107101
 Ion Ratio Lower Upper
 152 100
 115 65.5 43.3 129.9
 150 157.8 0.0 345.0

