

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038969.D
 Acq On : 20 Nov 2023 19:17
 Operator : JC/MD
 Sample : 05431-13 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20231113

Quant Time: Nov 21 00:25:40 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)

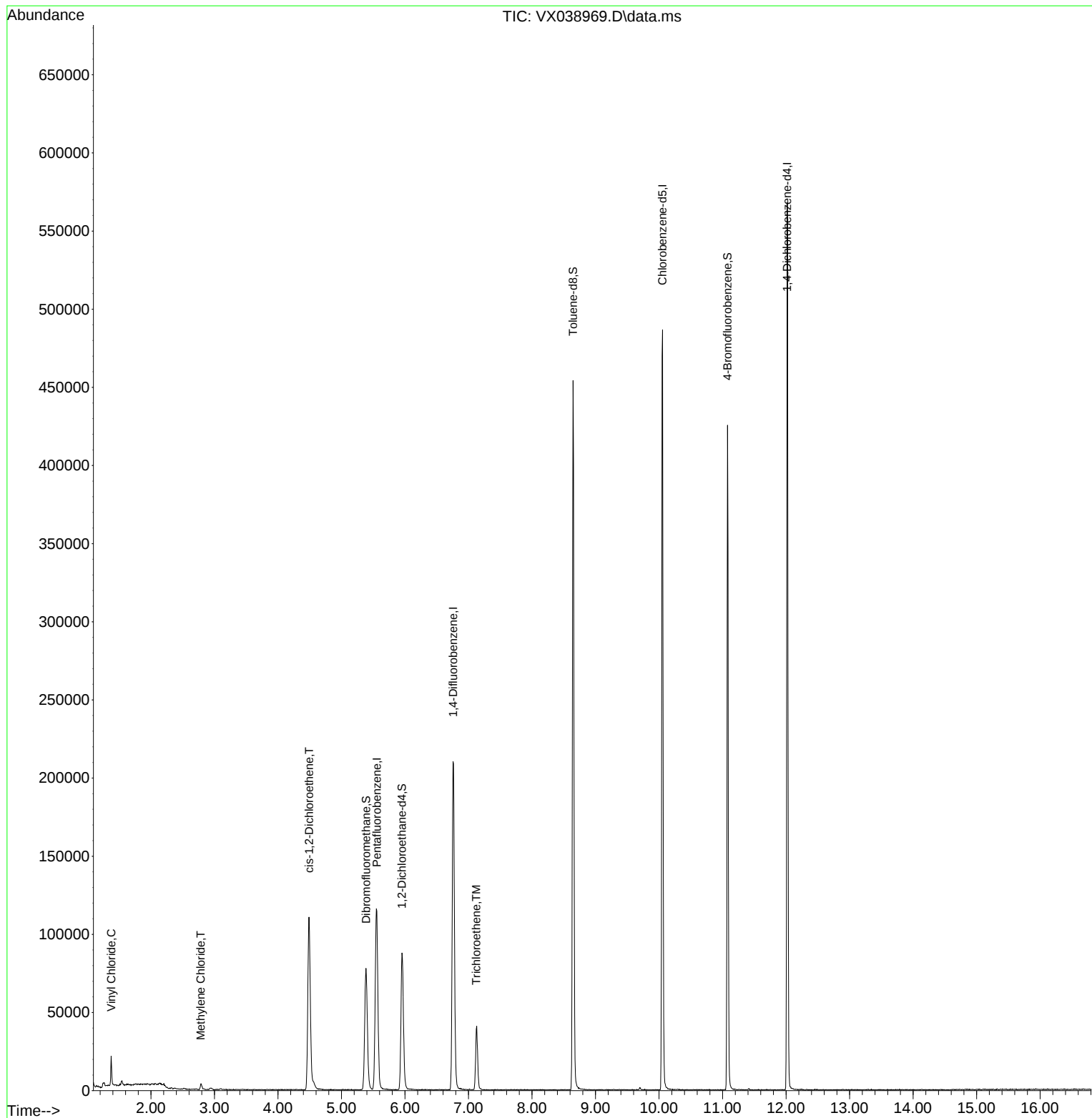
Internal Standards						
1) Pentafluorobenzene	5.556	168	104333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84996	50.558	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.120%
35) Dibromofluoromethane	5.385	113	69825	45.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.100%
50) Toluene-d8	8.647	98	269094	45.377	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.760%#
62) 4-Bromofluorobenzene	11.079	95	116833	49.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.440%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	11362	7.423	ug/l	95
20) Methylene Chloride	2.782	84	1643	1.018	ug/l	84
27) cis-1,2-Dichloroethene	4.489	96	67955	40.631	ug/l	88
44) Trichloroethene	7.123	130	14690	9.185	ug/l	99

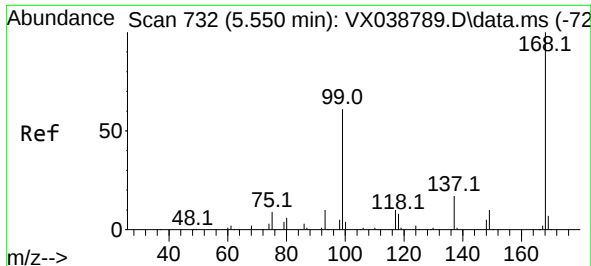
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

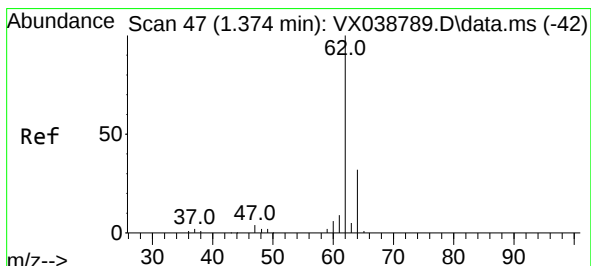
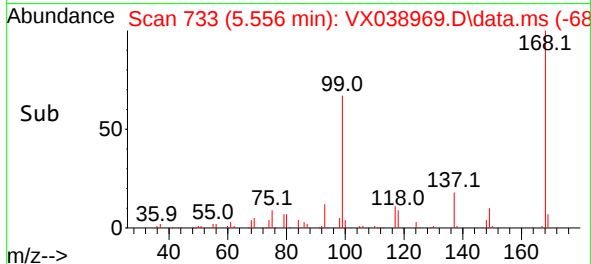
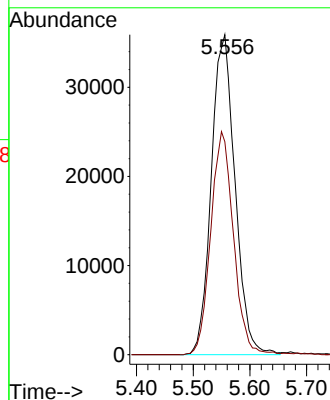
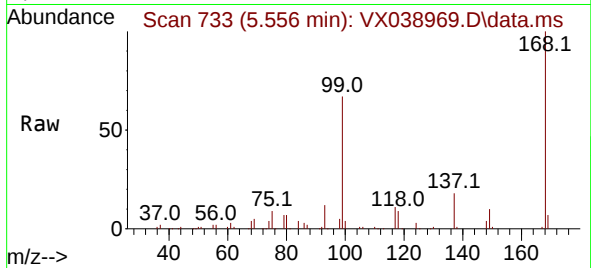




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

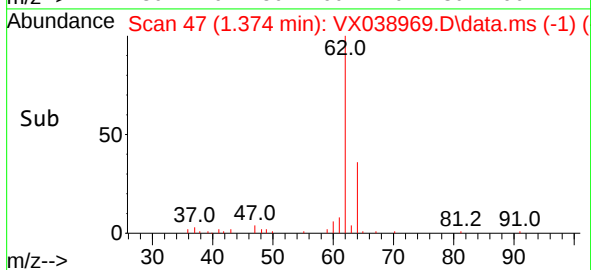
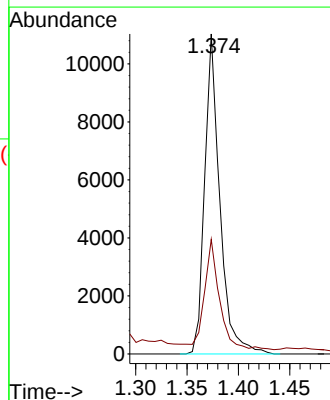
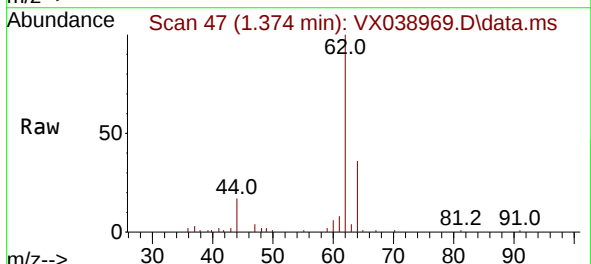
Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

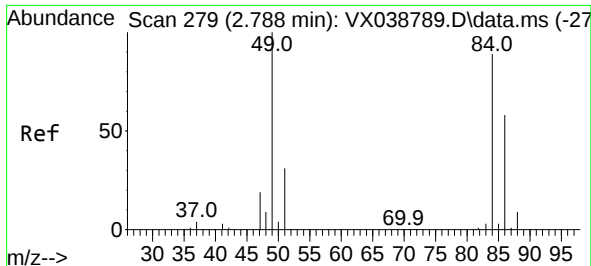
Tgt Ion:168 Resp: 104333
Ion Ratio Lower Upper
168 100
99 66.5 56.6 85.0



#4
Vinyl Chloride
Concen: 7.423 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion: 62 Resp: 11362
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0



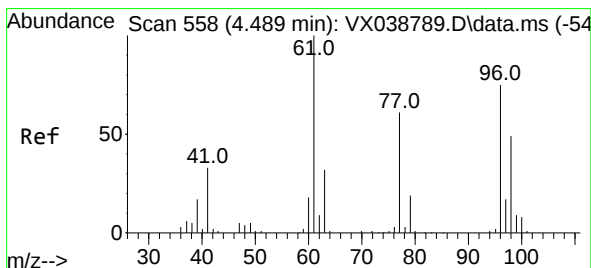
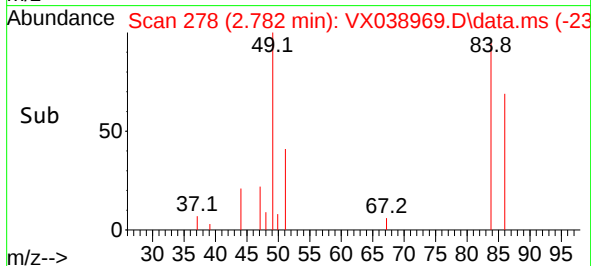
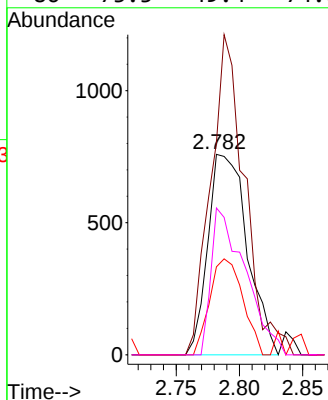
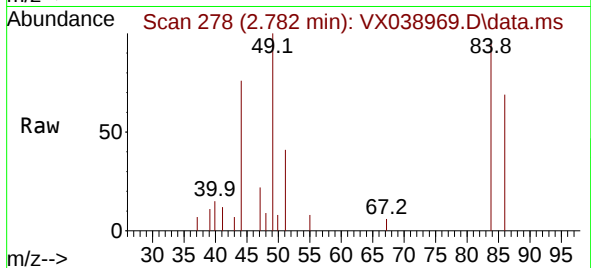


#20
Methylene Chloride
Concen: 1.018 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

Tgt Ion: 84 Resp: 1643

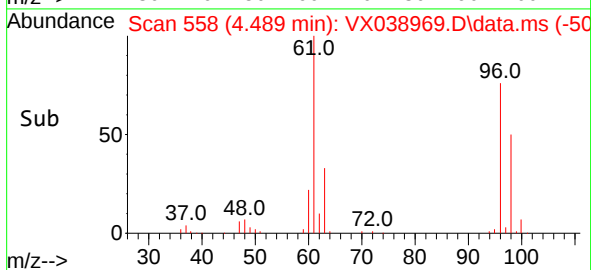
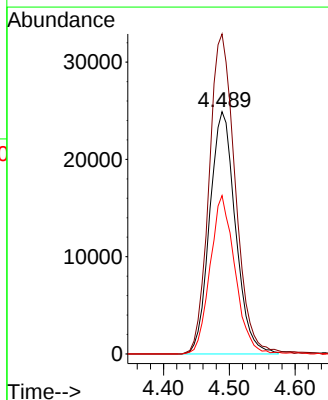
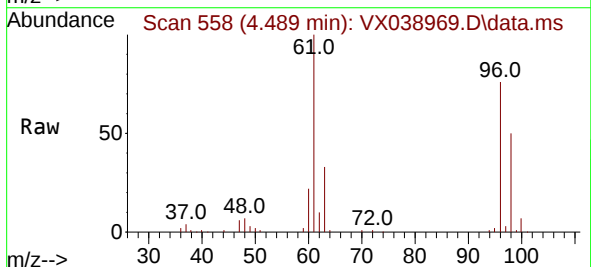
Ion	Ratio	Lower	Upper
84	100		
49	105.8	103.6	155.4
51	43.9	33.8	50.6
86	73.3	49.4	74.0

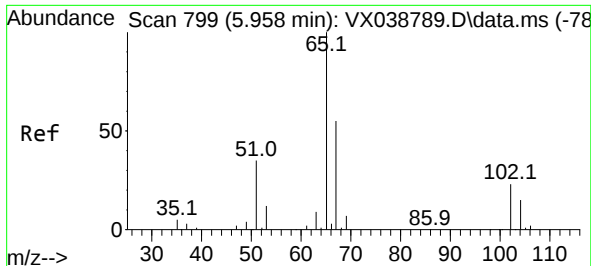


#27
cis-1,2-Dichloroethene
Concen: 40.631 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion: 96 Resp: 67955

Ion	Ratio	Lower	Upper
96	100		
61	134.7	0.0	312.2
98	63.0	0.0	129.0





#33

1,2-Dichloroethane-d4

Concen: 50.558 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038969.D

Acq: 20 Nov 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

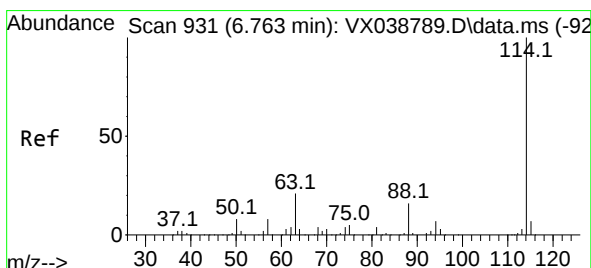
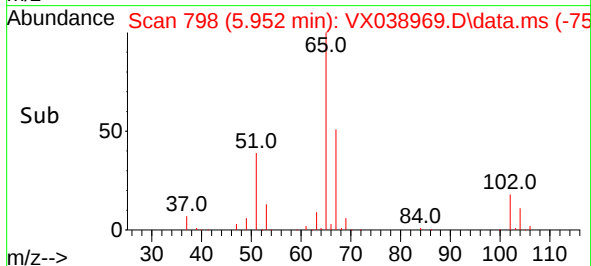
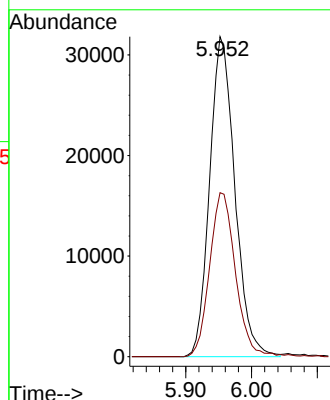
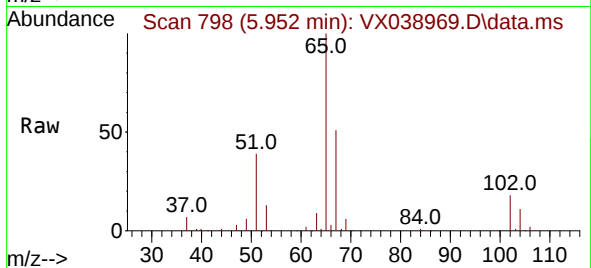
20BR-20231113

Tgt Ion: 65 Resp: 84996

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038969.D

Acq: 20 Nov 2023 19:17

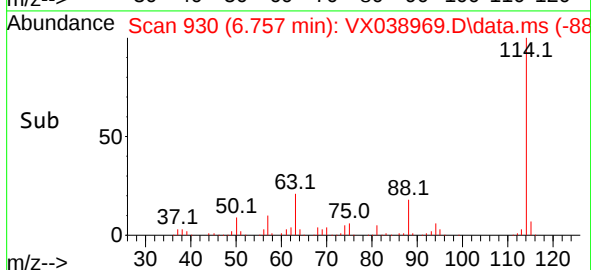
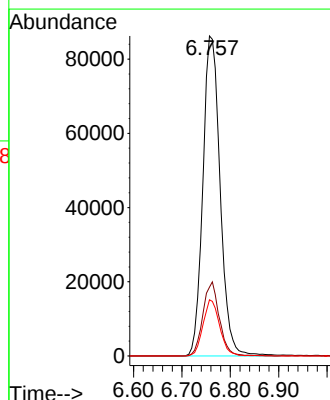
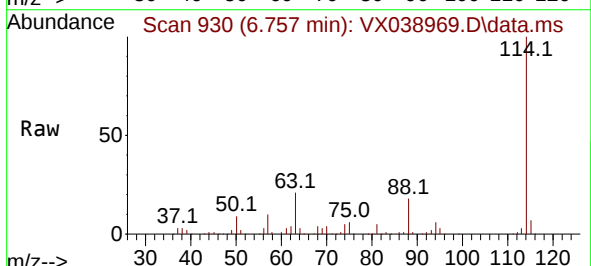
Tgt Ion: 114 Resp: 214606

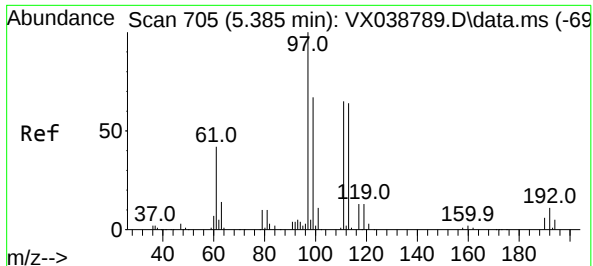
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

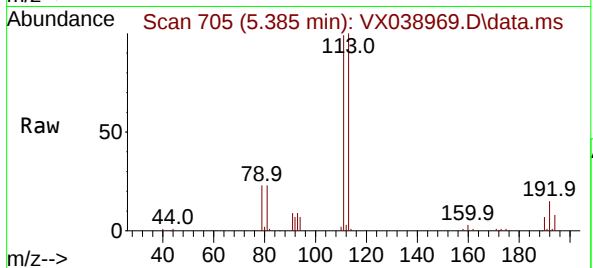
88 17.6 0.0 36.6



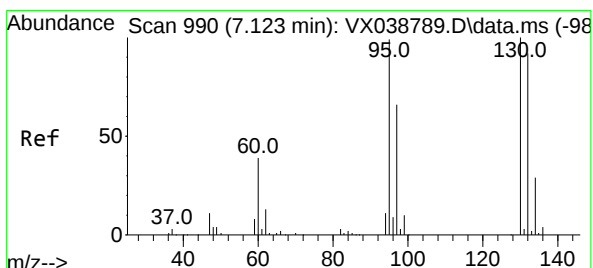
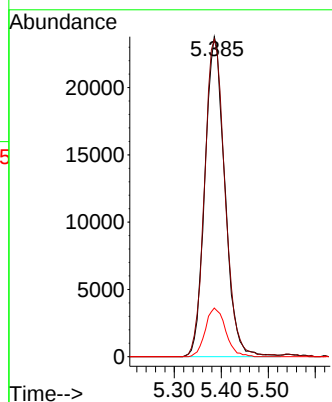
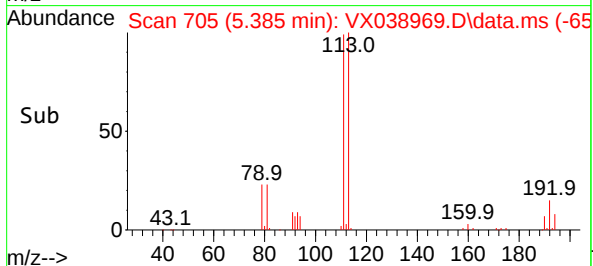


#35
 Dibromofluoromethane
 Concen: 45.050 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX038969.D
 Acq: 20 Nov 2023 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20231113

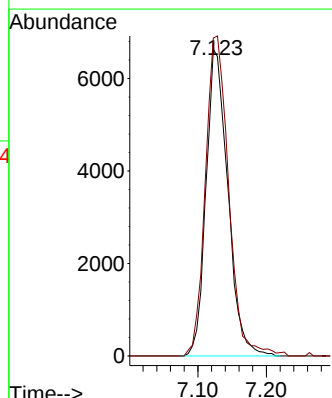
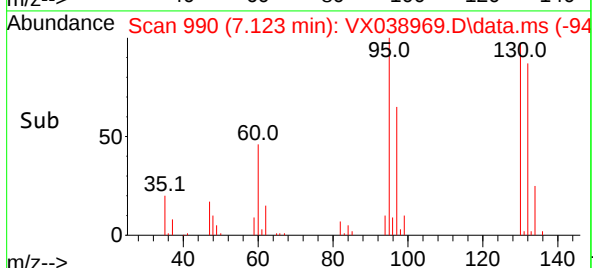
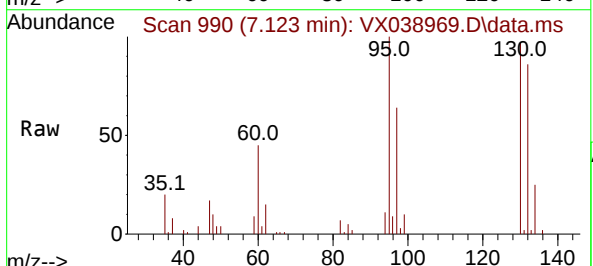


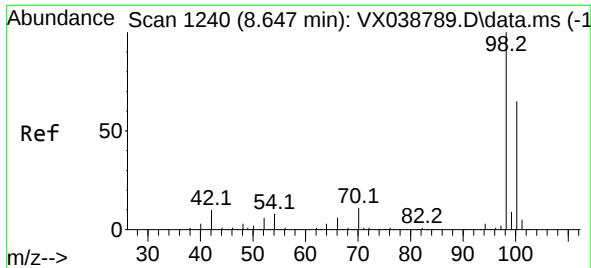
Tgt Ion:113 Resp: 69825
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.9 124.3
 192 15.5 13.3 19.9



#44
 Trichloroethene
 Concen: 9.185 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX038969.D
 Acq: 20 Nov 2023 19:17

Tgt Ion:130 Resp: 14690
 Ion Ratio Lower Upper
 130 100
 95 103.6 0.0 204.4

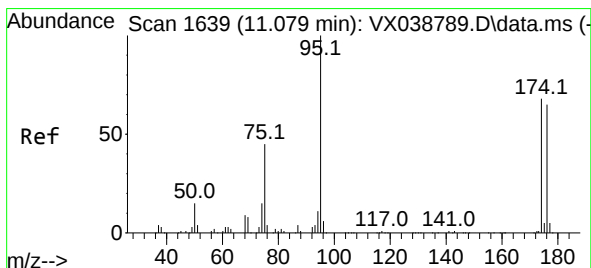
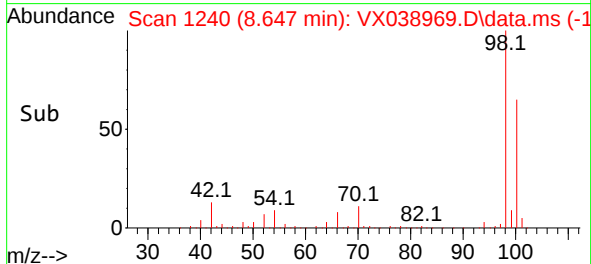
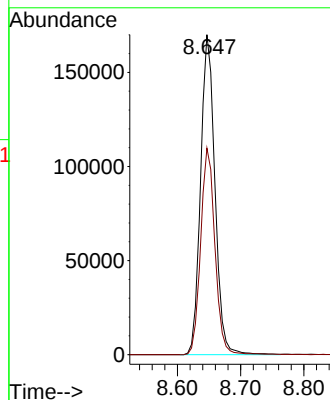
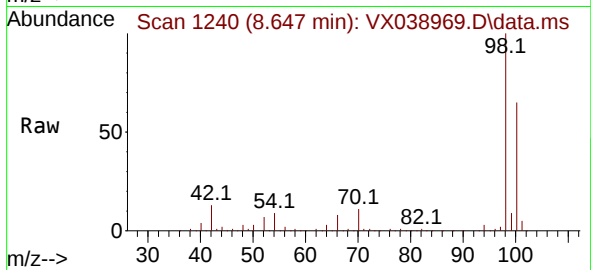




#50
Toluene-d8
Concen: 45.377 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

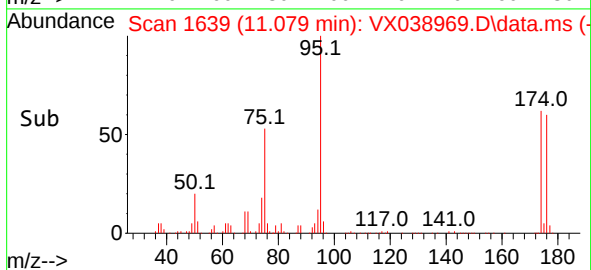
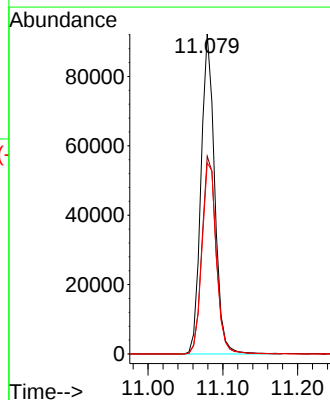
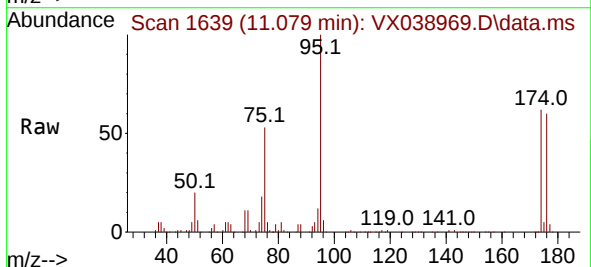
Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

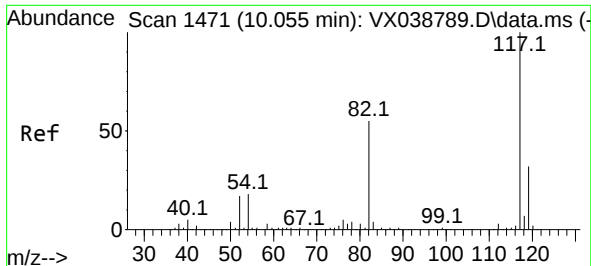
Tgt Ion: 98 Resp: 269094
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion: 95 Resp: 116833
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.6
176 62.9 0.0 131.0

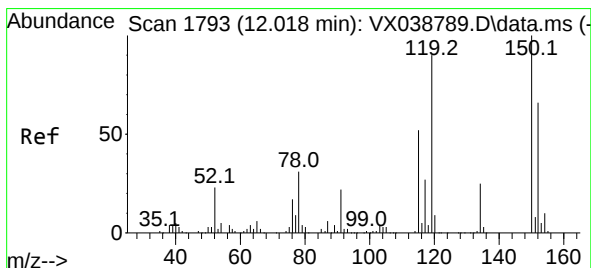
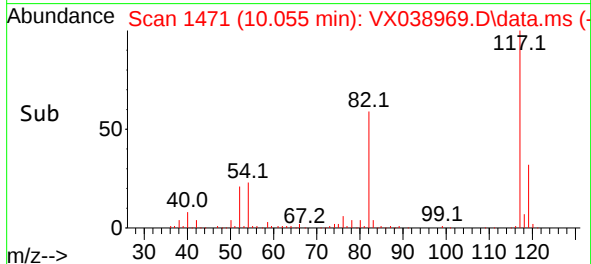
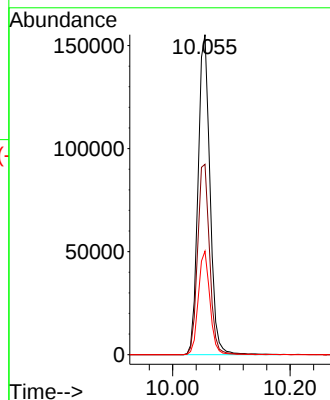
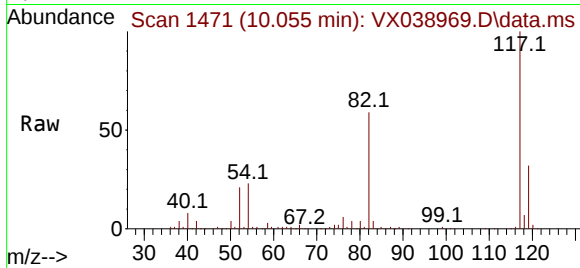




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

Tgt Ion:117 Resp: 218493
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion:152 Resp: 108842
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 158.0 0.0 345.0

