

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038963.D
 Acq On : 20 Nov 2023 17:00
 Operator : JC/MD
 Sample : 05431-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 18BR-20231113

Quant Time: Nov 21 00:23:10 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)

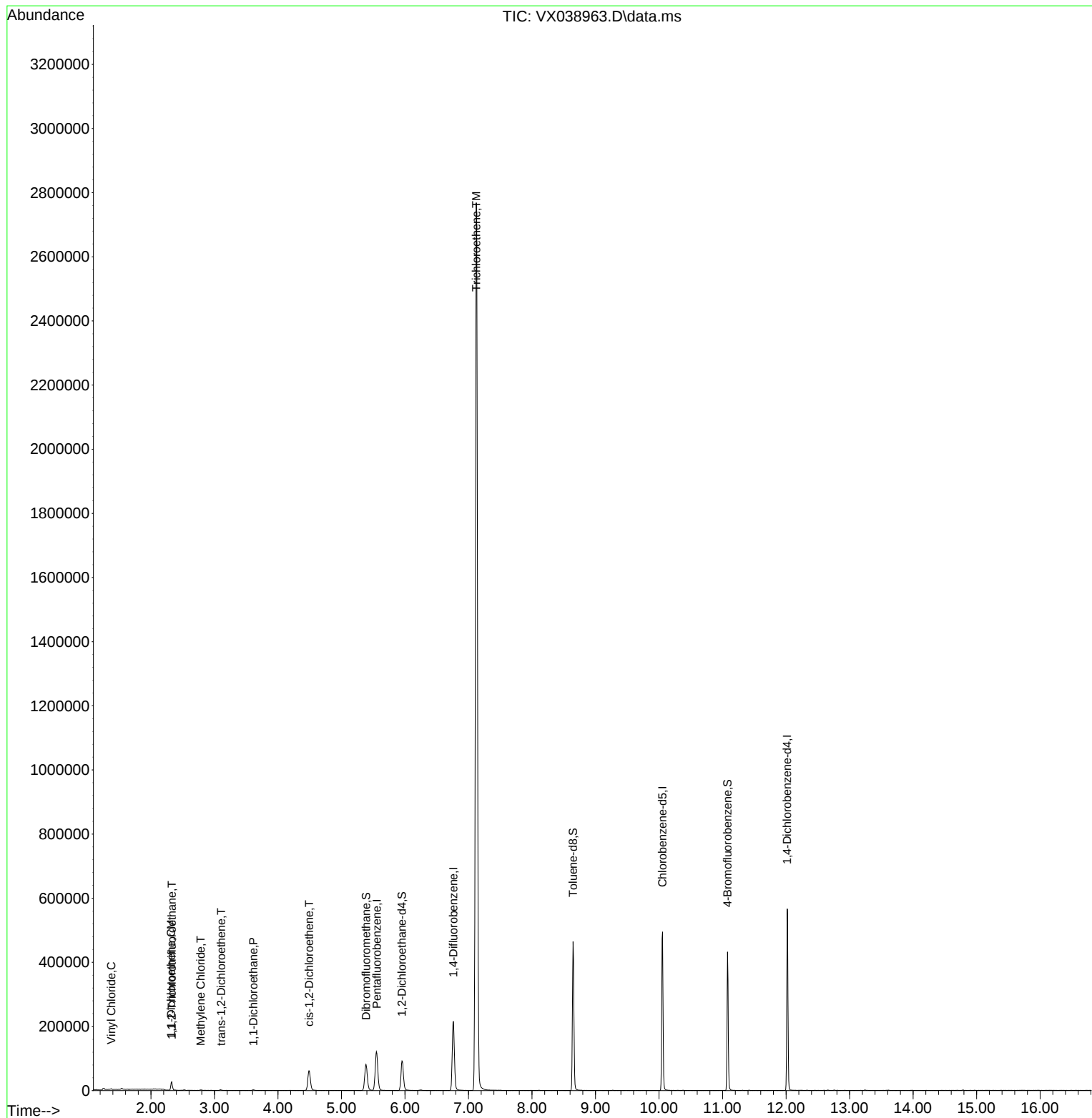
Internal Standards						
1) Pentafluorobenzene	5.556	168	107907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88411	50.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.700%	
35) Dibromofluoromethane	5.385	113	71229	44.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.500%	
50) Toluene-d8	8.647	98	277160	45.515	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.020%#	
62) 4-Bromofluorobenzene	11.079	95	118406	48.574	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.140%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1322	0.835	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	3208	2.408	ug/l	92
12) 1,1-Dichloroethene	2.319	96	6423	4.776	ug/l	91
20) Methylene Chloride	2.782	84	614	0.368	ug/l #	77
21) trans-1,2-Dichloroethene	3.105	96	805	0.542	ug/l #	64
24) 1,1-Dichloroethane	3.611	63	2467	0.893	ug/l #	93
27) cis-1,2-Dichloroethene	4.489	96	39190	22.656	ug/l	85
44) Trichloroethene	7.123	130	1019882	621.031	ug/l	94

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

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18BR-20231113

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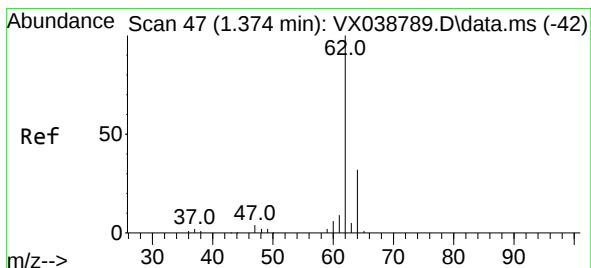
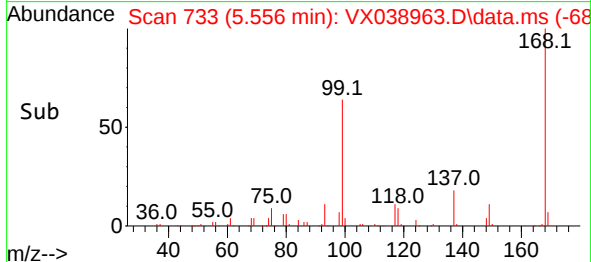
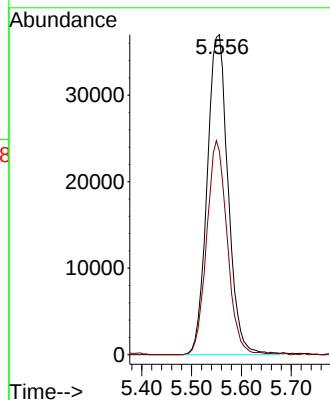
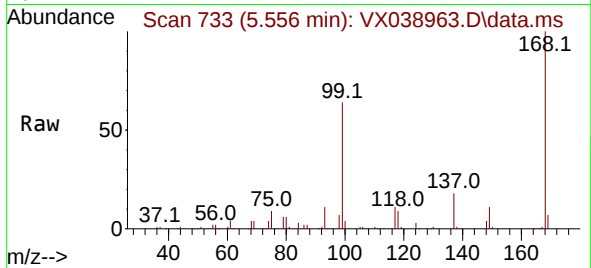




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038963.D
Acq: 20 Nov 2023 17:00

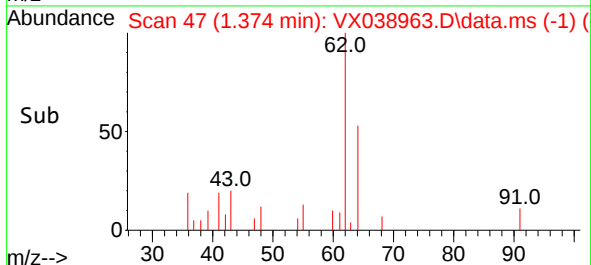
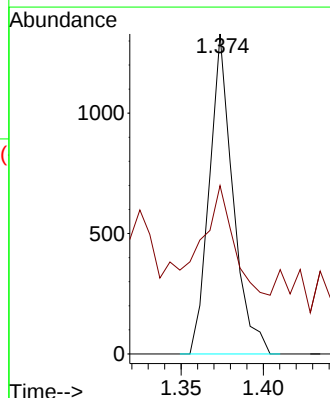
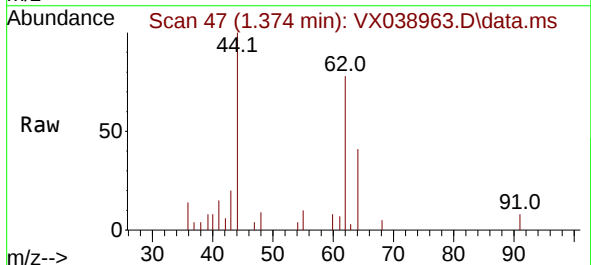
Instrument :
MSVOA_X
ClientSampleId :
18BR-20231113

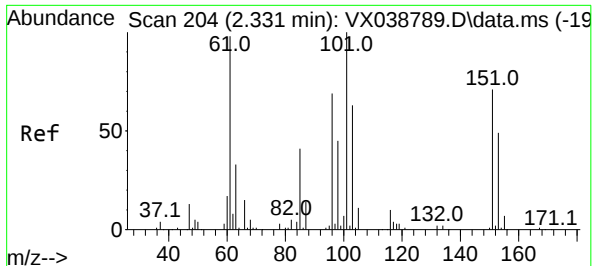
Tgt Ion:168 Resp: 107907
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#4
Vinyl Chloride
Concen: 0.835 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038963.D
Acq: 20 Nov 2023 17:00

Tgt Ion: 62 Resp: 1322
Ion Ratio Lower Upper
62 100
64 26.4 25.4 38.0

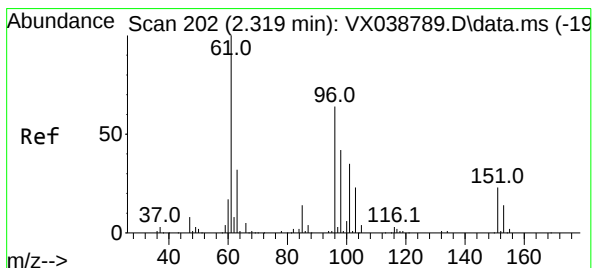
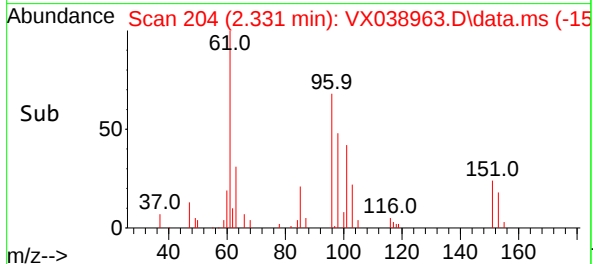
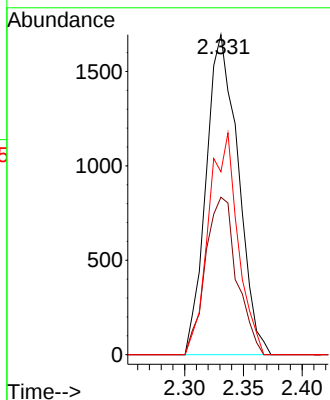
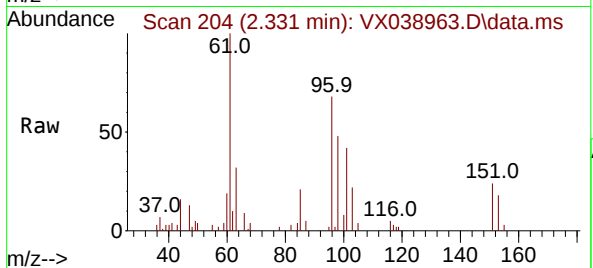




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.408 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038963.D
 Acq: 20 Nov 2023 17:00

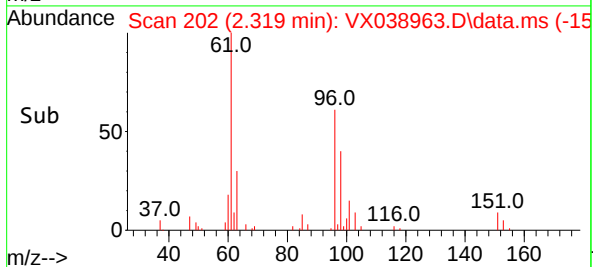
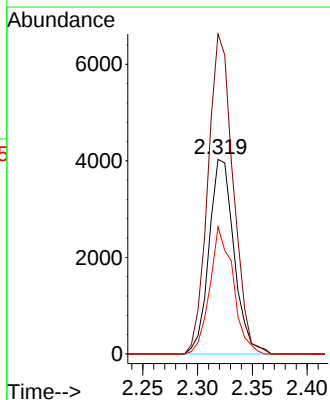
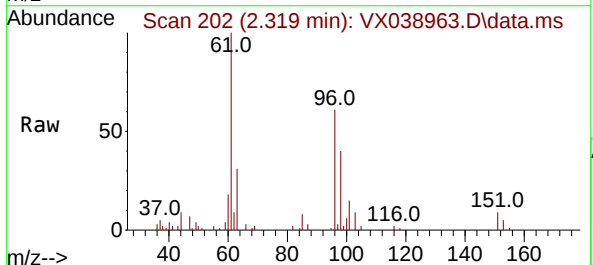
Instrument :
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 ClientSampleId :
 18BR-20231113

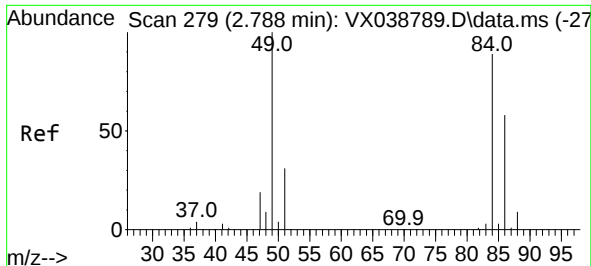
Tgt Ion:101 Resp: 3208
 Ion Ratio Lower Upper
 101 100
 85 48.3 37.0 55.6
 151 63.7 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 4.776 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX038963.D
 Acq: 20 Nov 2023 17:00

Tgt Ion: 96 Resp: 6423
 Ion Ratio Lower Upper
 96 100
 61 164.5 144.6 216.8
 98 65.3 50.4 75.6

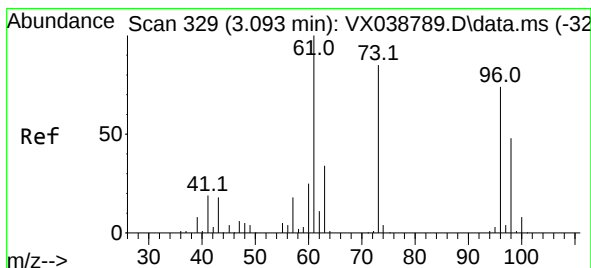
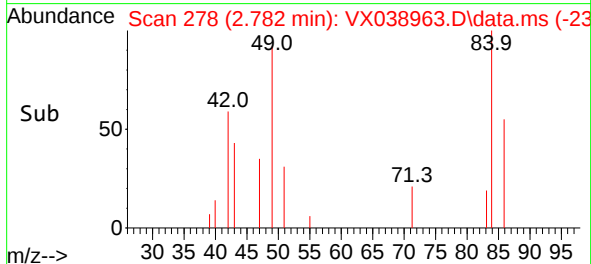
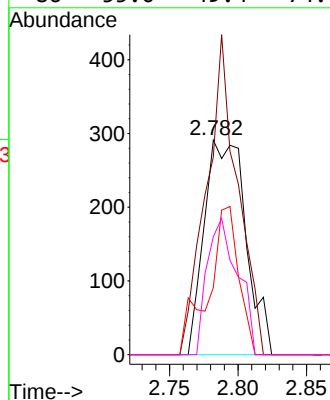
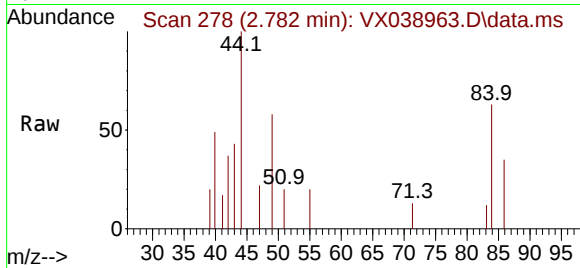




#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038963.D
Acq: 20 Nov 2023 17:00

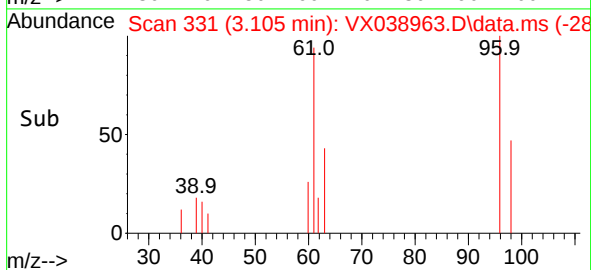
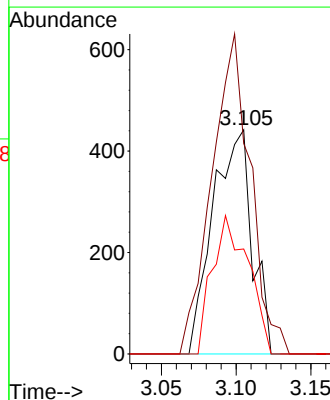
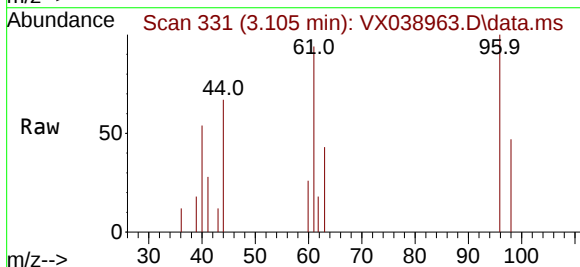
Instrument :
MSVOA_X
ClientSampleId :
18BR-20231113

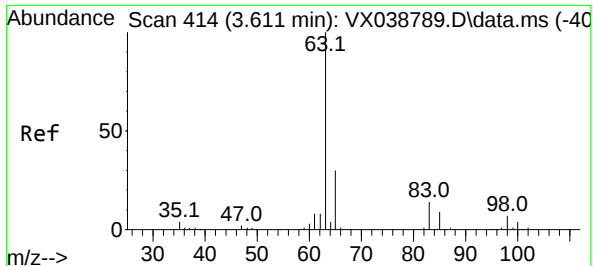
Tgt Ion: 84	Resp: 614
Ion Ratio	Lower Upper
84 100	
49 92.1	103.6 155.4#
51 31.3	33.8 50.6#
86 55.0	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.542 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX038963.D
Acq: 20 Nov 2023 17:00

Tgt Ion: 96	Resp: 805		
Ion Ratio	Lower	Upper	
96 100			
61 93.9	119.2	178.8#	
98 46.8	48.7	73.1#	

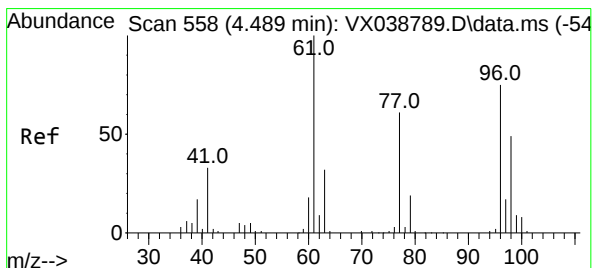
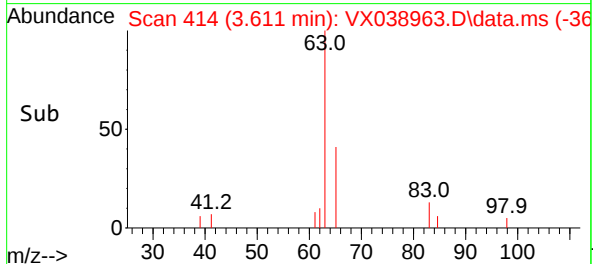
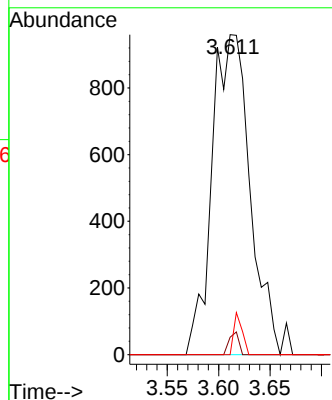
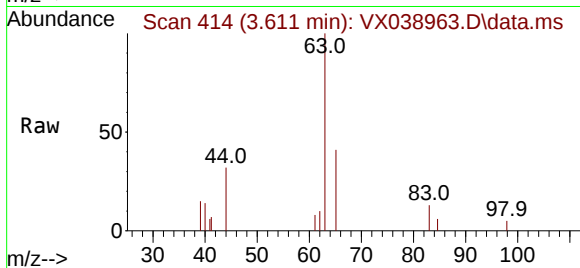




#24
 1,1-Dichloroethane
 Concen: 0.893 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038963.D
 Acq: 20 Nov 2023 17:00

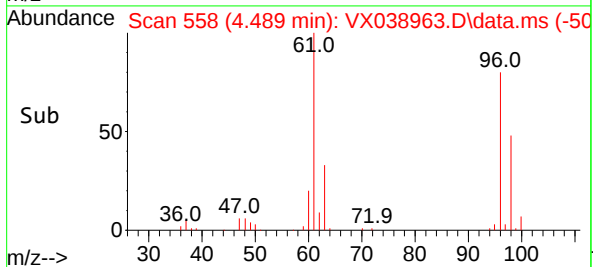
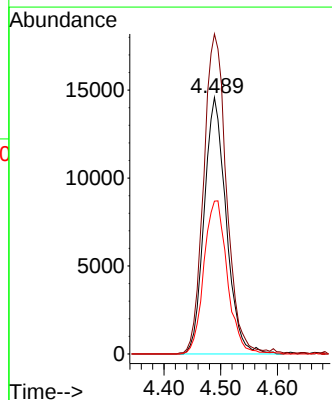
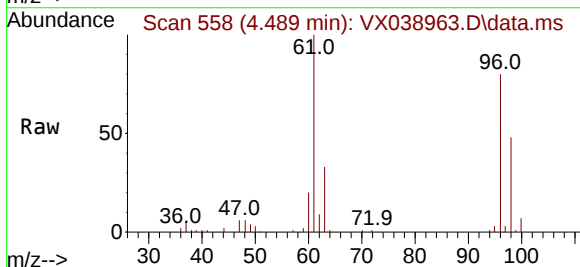
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 ClientSampleId :
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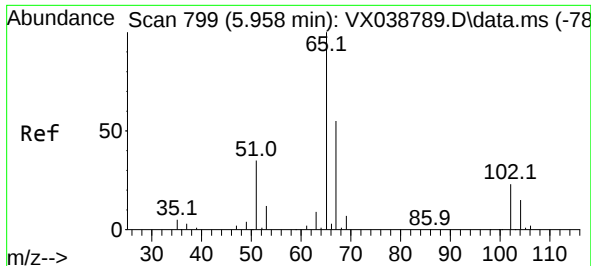
Tgt Ion: 63 Resp: 2467
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.3 9.8
 100 0.0 2.1 6.5#



#27
 cis-1,2-Dichloroethene
 Concen: 22.656 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX038963.D
 Acq: 20 Nov 2023 17:00

Tgt Ion: 96 Resp: 39190
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 312.2
 98 63.8 0.0 129.0

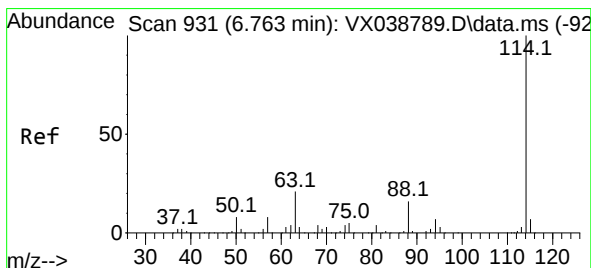
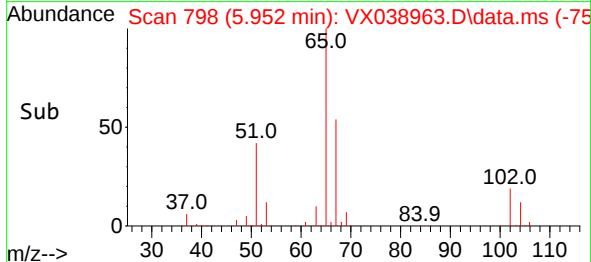
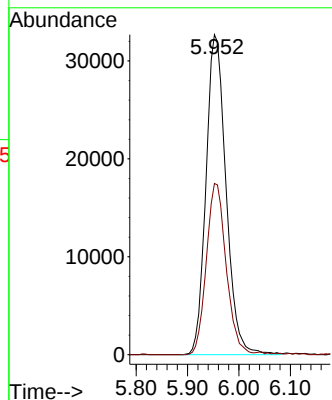
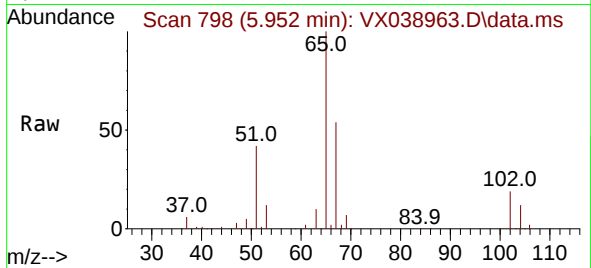




#33
 1,2-Dichloroethane-d4
 Concen: 50.847 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038963.D
 Acq: 20 Nov 2023 17:00

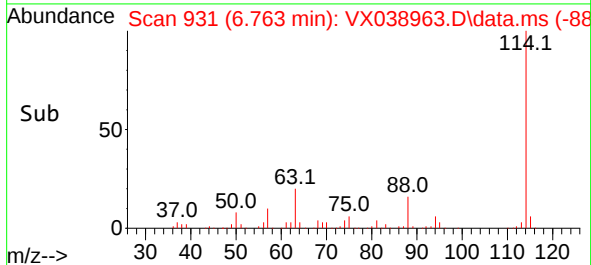
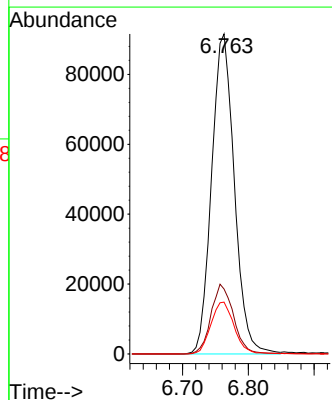
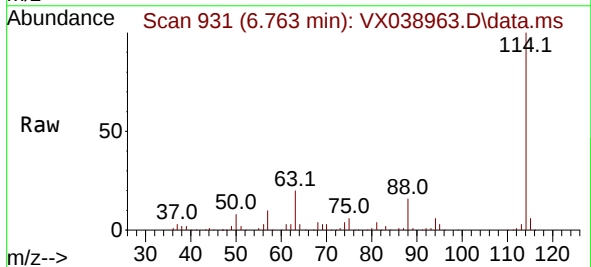
Instrument :
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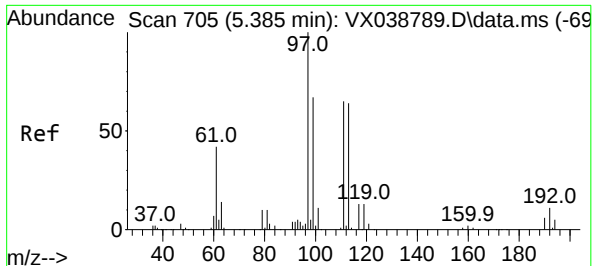
Tgt Ion: 65 Resp: 88411
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038963.D
 Acq: 20 Nov 2023 17:00

Tgt Ion: 114 Resp: 220373
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 16.2 0.0 36.6

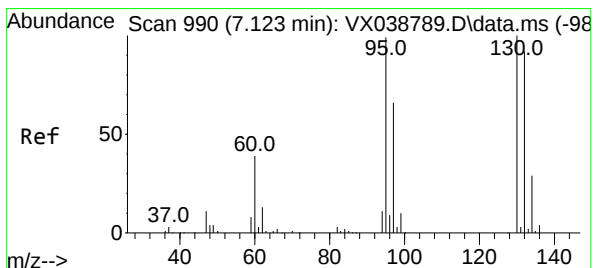
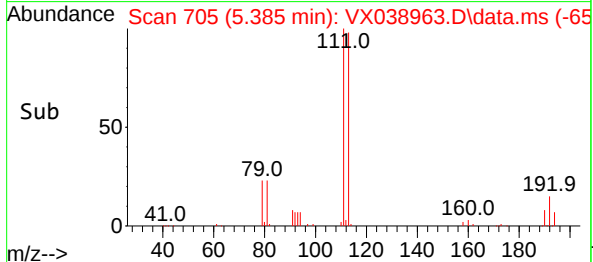
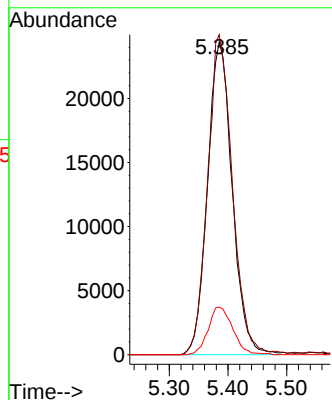
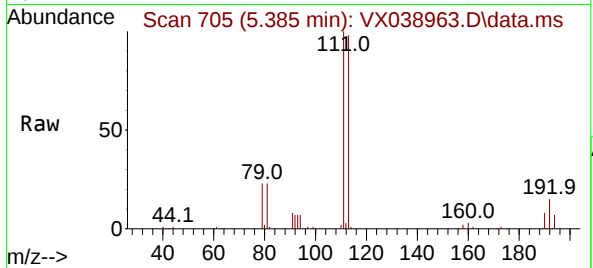




#35
Dibromofluoromethane
Concen: 44.753 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038963.D
Acq: 20 Nov 2023 17:00

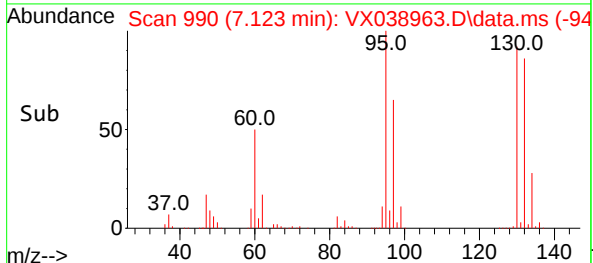
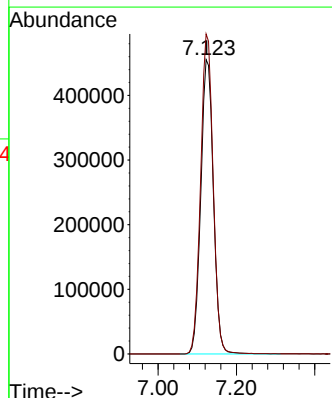
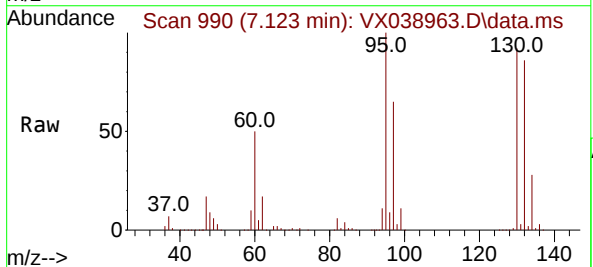
Instrument :
MSVOA_X
ClientSampleId :
18BR-20231113

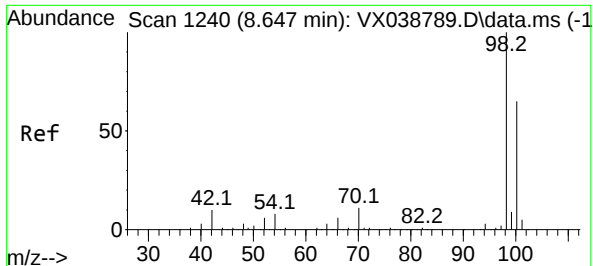
Tgt Ion:113 Resp: 71229
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.2 13.3 19.9



#44
Trichloroethene
Concen: 621.031 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038963.D
Acq: 20 Nov 2023 17:00

Tgt Ion:130 Resp: 1019882
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.4





#50

Toluene-d8

Concen: 45.515 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038963.D

Acq: 20 Nov 2023 17:00

Instrument :

MSVOA_X

ClientSampleId :

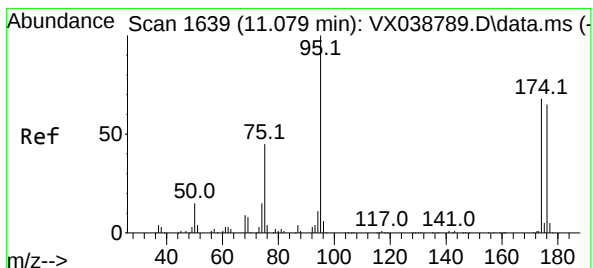
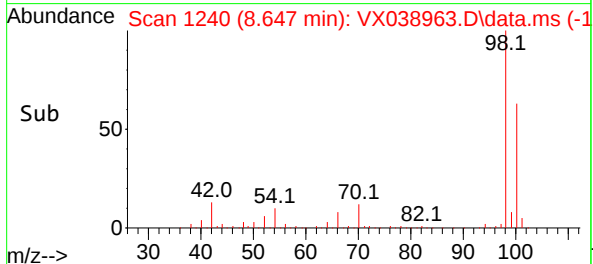
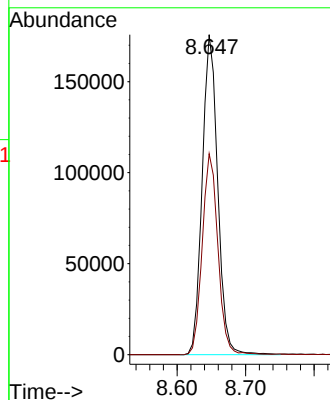
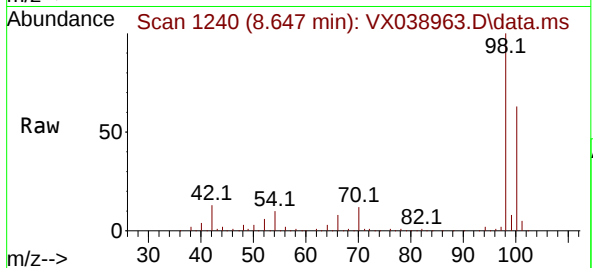
18BR-20231113

Tgt Ion: 98 Resp: 277160

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.574 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038963.D

Acq: 20 Nov 2023 17:00

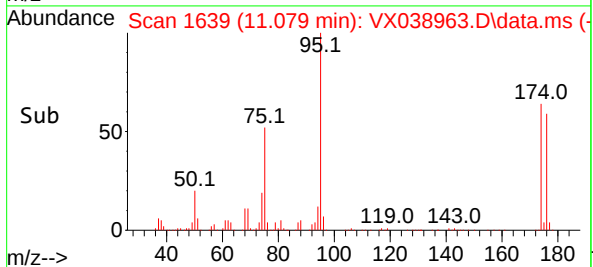
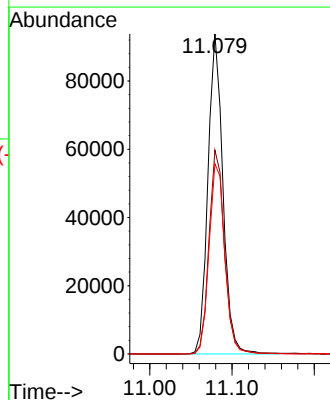
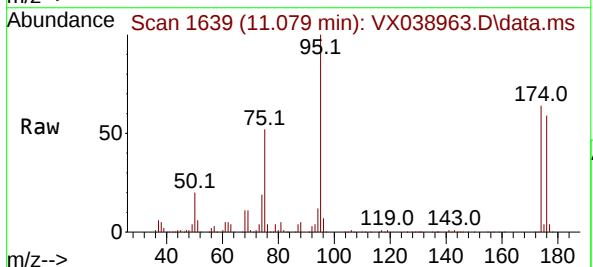
Tgt Ion: 95 Resp: 118406

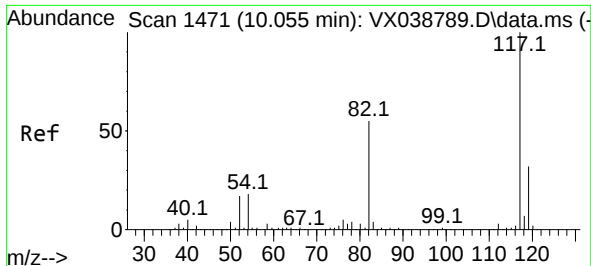
Ion Ratio Lower Upper

95 100

174 65.9 0.0 135.6

176 62.8 0.0 131.0

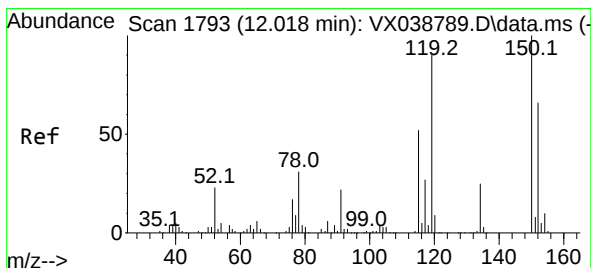
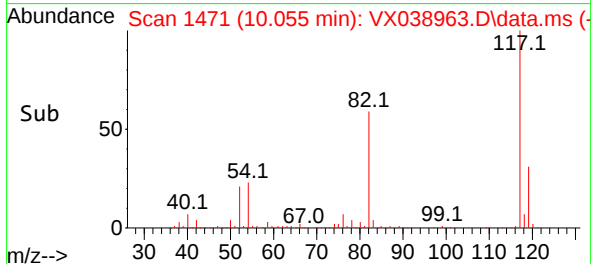
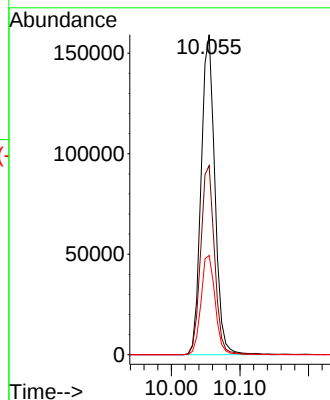
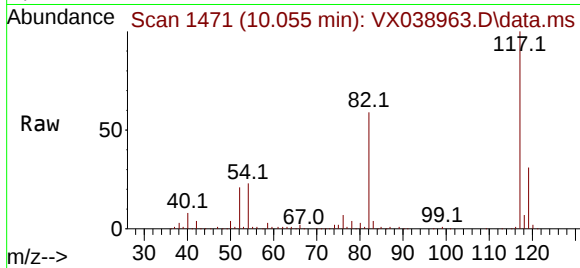




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038963.D
Acq: 20 Nov 2023 17:00

Instrument :
MSVOA_X
ClientSampleId :
18BR-20231113

Tgt Ion:117 Resp: 222911
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 31.0 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: VX038963.D
Acq: 20 Nov 2023 17:00

Tgt Ion:152 Resp: 110482
Ion Ratio Lower Upper
152 100
115 64.3 43.3 129.9
150 157.5 0.0 345.0

