

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038962.D
 Acq On : 20 Nov 2023 16:37
 Operator : JC/MD
 Sample : 05431-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20231113

Quant Time: Nov 21 00:22:41 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)

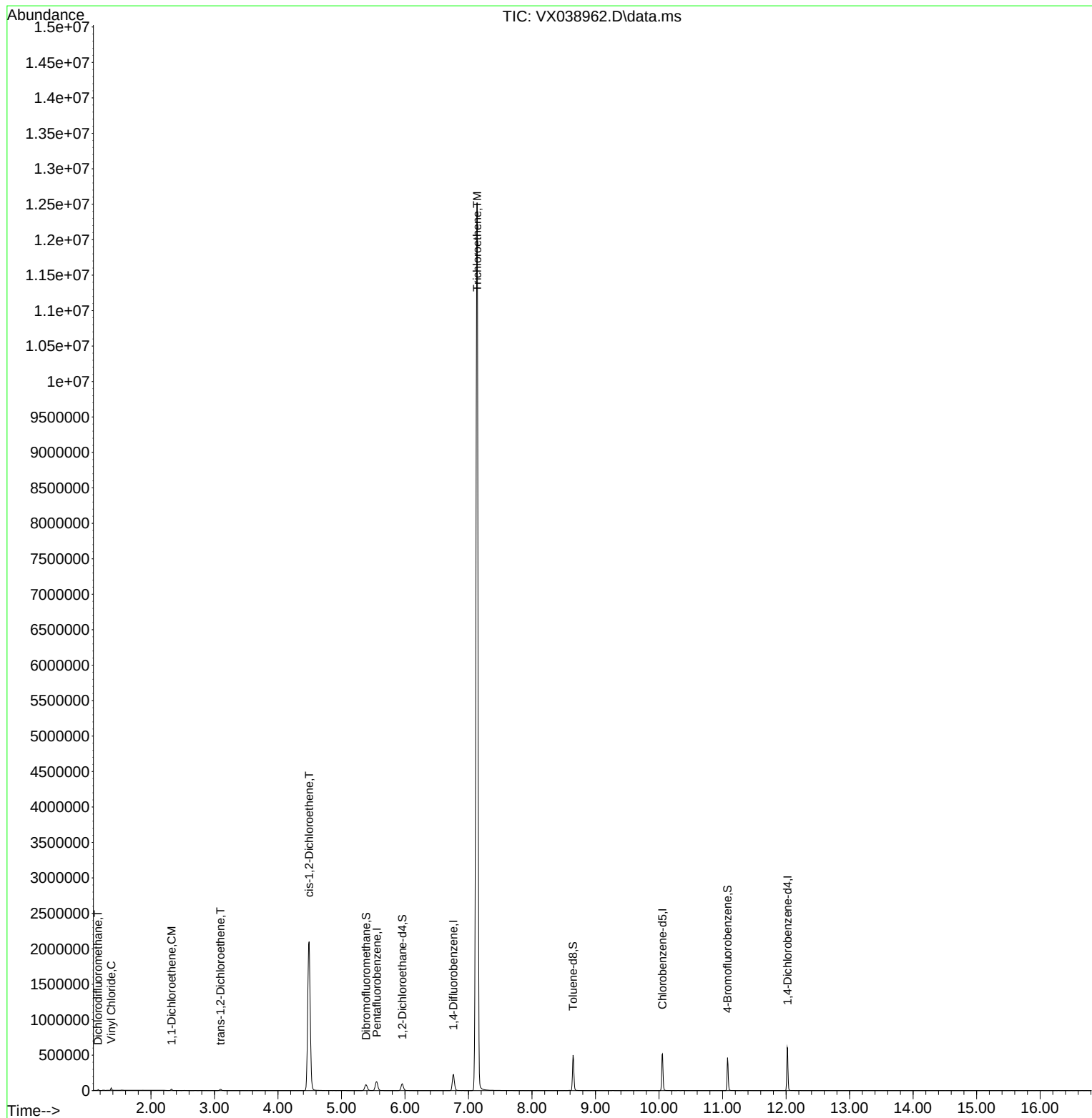
Internal Standards						
1) Pentafluorobenzene	5.556	168	113984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90107	49.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.120%		
35) Dibromofluoromethane	5.385	113	74386	44.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.460%		
50) Toluene-d8	8.647	98	291828	45.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.740%#		
62) 4-Bromofluorobenzene	11.079	95	126827	49.796	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6800	5.113	ug/l	93
4) Vinyl Chloride	1.374	62	20067	12.001	ug/l	99
12) 1,1-Dichloroethene	2.325	96	5400	3.801	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	7603	4.850	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	1306830	715.208	ug/l	87
44) Trichloroethene	7.135	130	4442790	2589.241	ug/l	90

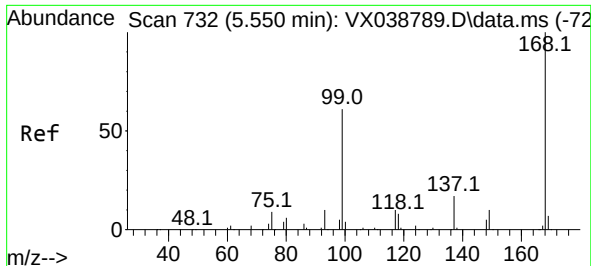
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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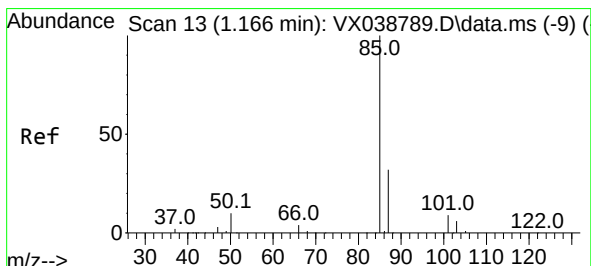
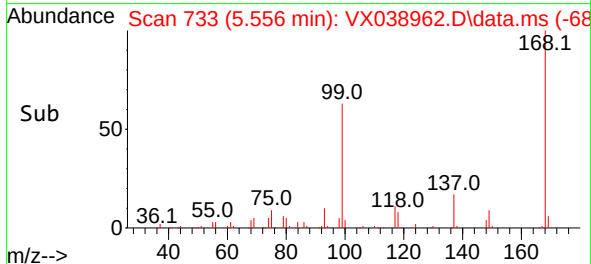
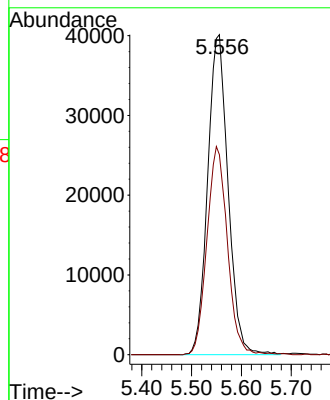
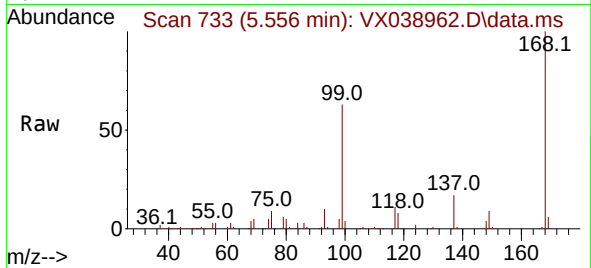




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038962.D
Acq: 20 Nov 2023 16:37

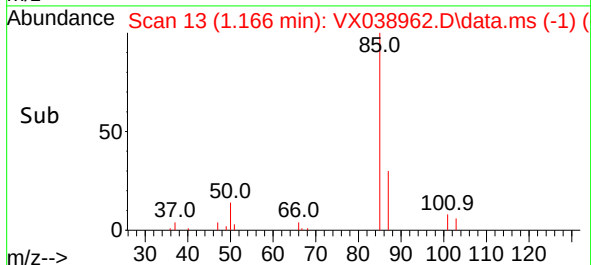
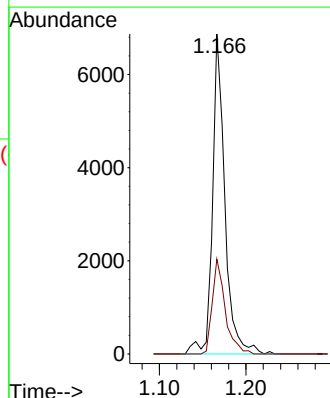
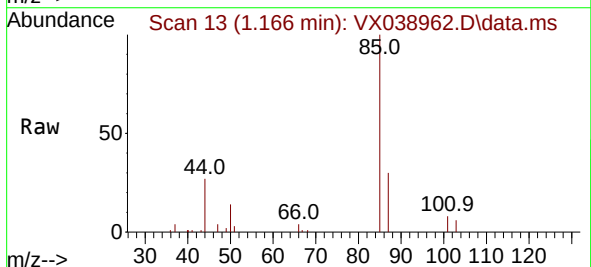
Instrument :
MSVOA_X
ClientSampleId :
45BR-20231113

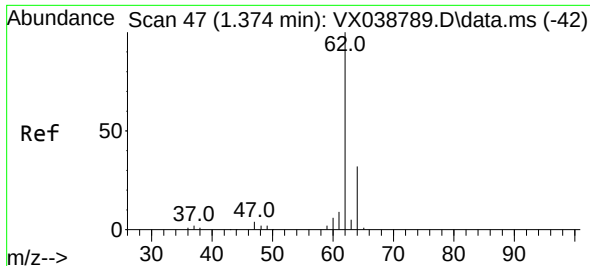
Tgt Ion:168 Resp: 113984
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 5.113 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038962.D
Acq: 20 Nov 2023 16:37

Tgt Ion: 85 Resp: 6800
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.1

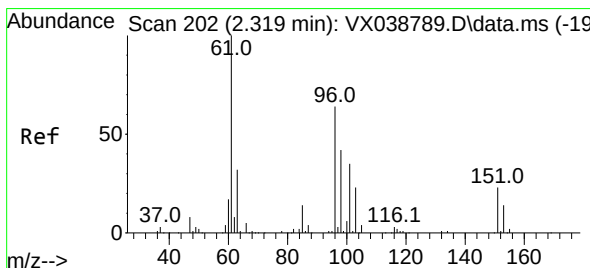
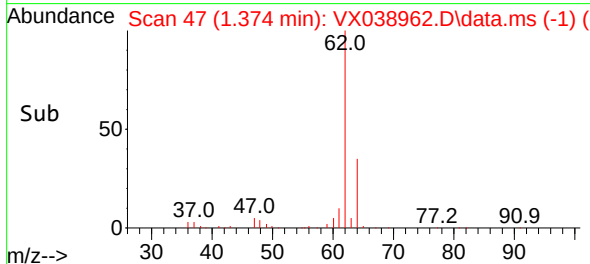
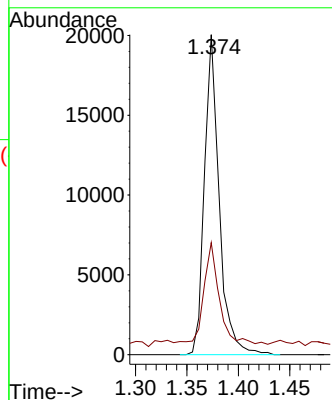
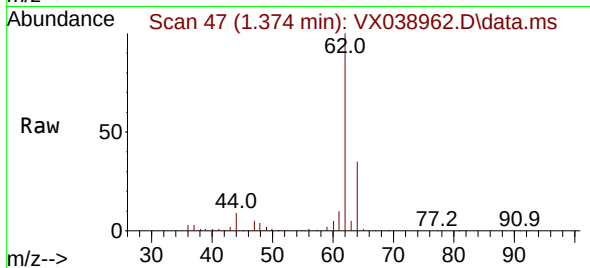




#4
 Vinyl Chloride
 Concen: 12.001 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038962.D
 Acq: 20 Nov 2023 16:37

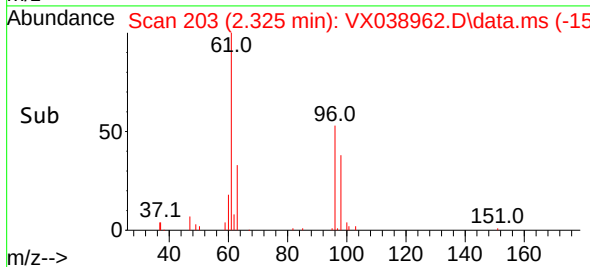
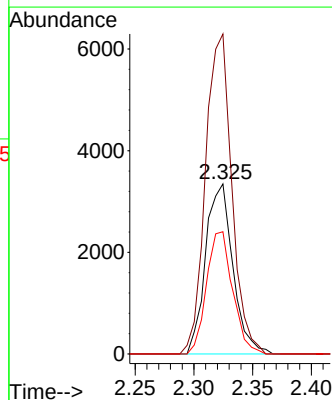
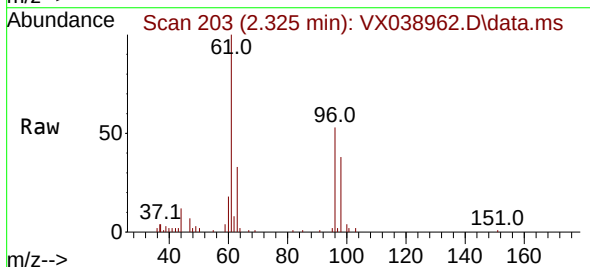
Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20231113

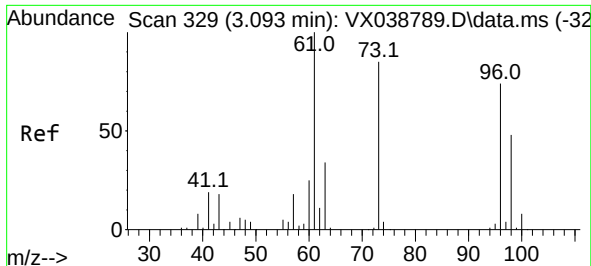
Tgt Ion: 62 Resp: 20067
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.4 38.0



#12
 1,1-Dichloroethene
 Concen: 3.801 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX038962.D
 Acq: 20 Nov 2023 16:37

Tgt Ion: 96 Resp: 5400
 Ion Ratio Lower Upper
 96 100
 61 188.1 144.6 216.8
 98 71.9 50.4 75.6

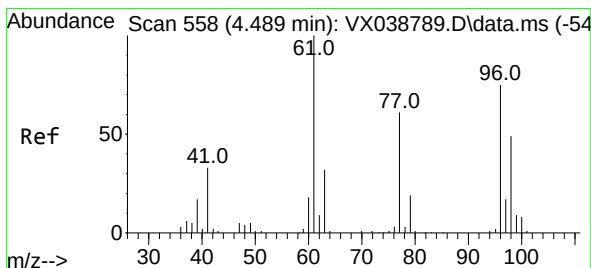
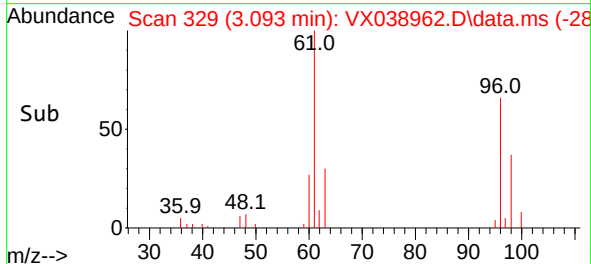
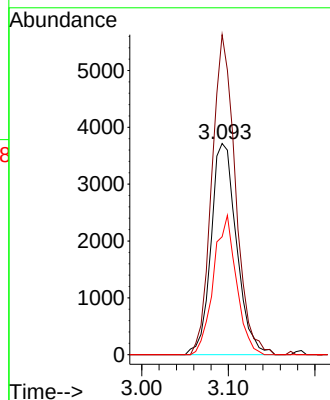
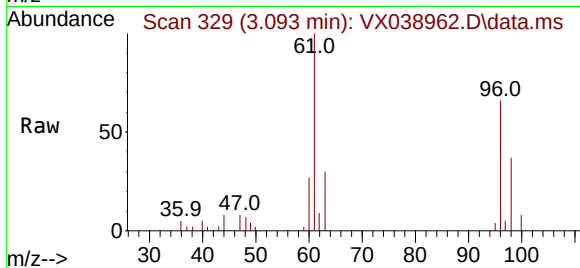




#21
trans-1,2-Dichloroethene
Concen: 4.850 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038962.D
Acq: 20 Nov 2023 16:37

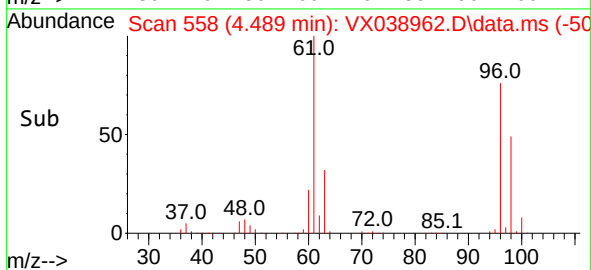
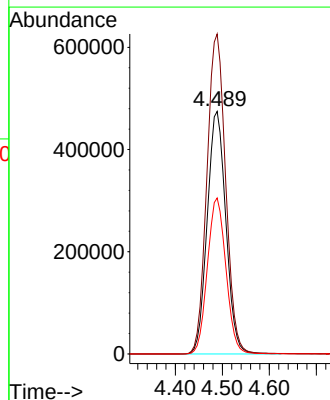
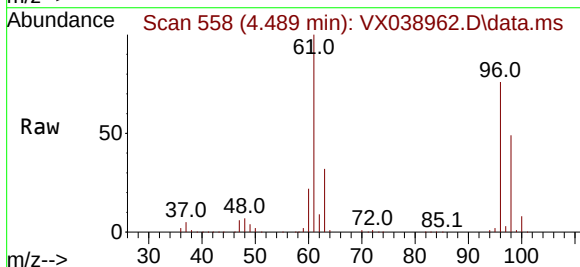
Instrument :
MSVOA_X
ClientSampleId :
45BR-20231113

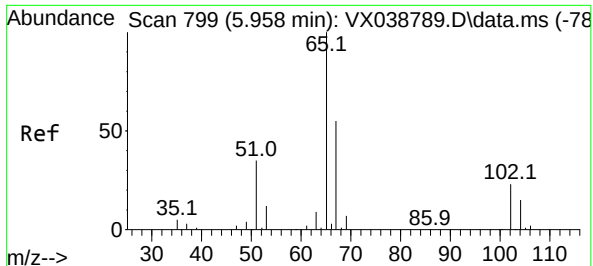
Tgt Ion: 96 Resp: 7603
Ion Ratio Lower Upper
96 100
61 151.5 119.2 178.8
98 55.9 48.7 73.1



#27
cis-1,2-Dichloroethene
Concen: 715.208 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX038962.D
Acq: 20 Nov 2023 16:37

Tgt Ion: 96 Resp: 1306830
Ion Ratio Lower Upper
96 100
61 132.9 0.0 312.2
98 64.1 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 49.060 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038962.D

Acq: 20 Nov 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

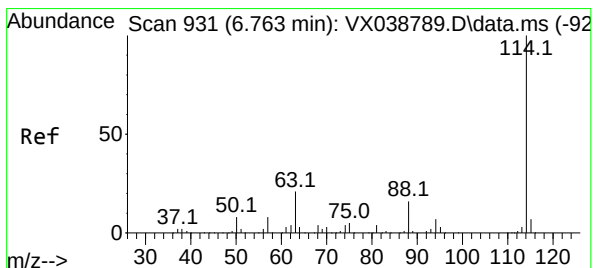
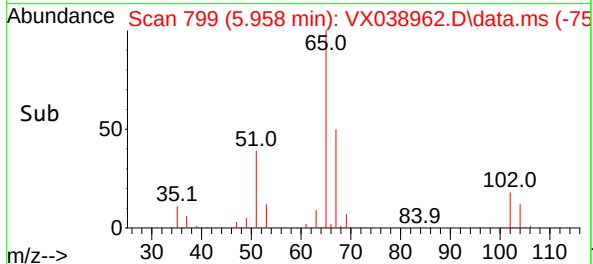
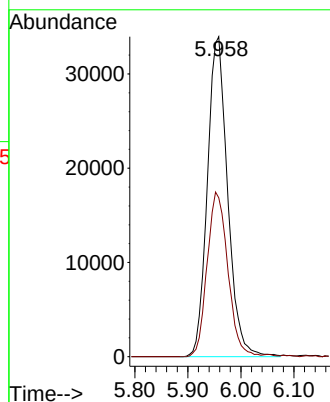
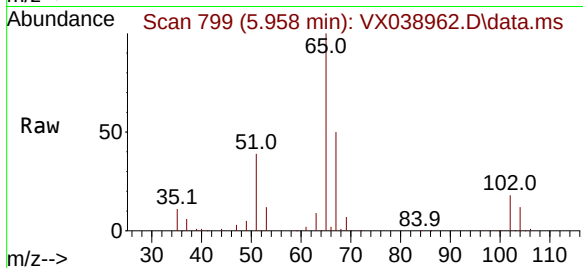
45BR-20231113

Tgt Ion: 65 Resp: 90107

Ion Ratio Lower Upper

65 100

67 52.5 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: VX038962.D

Acq: 20 Nov 2023 16:37

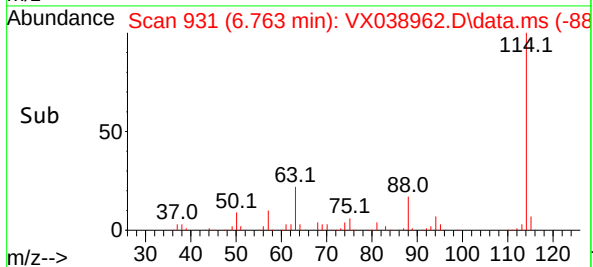
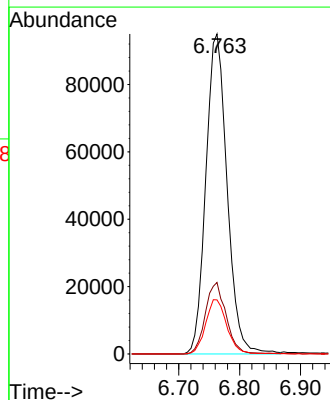
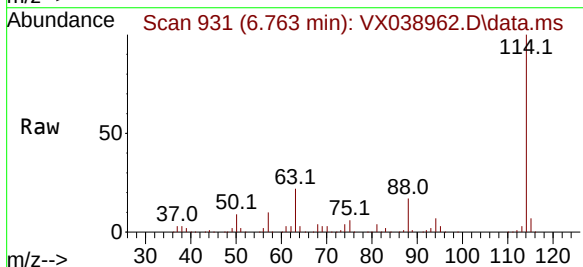
Tgt Ion: 114 Resp: 230253

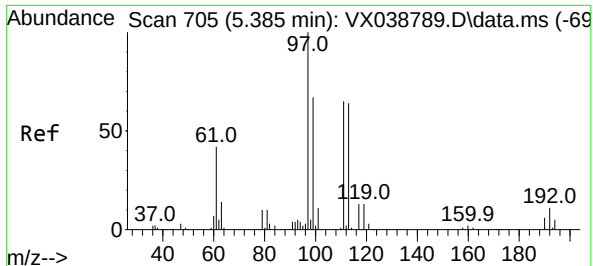
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 16.9 0.0 36.6

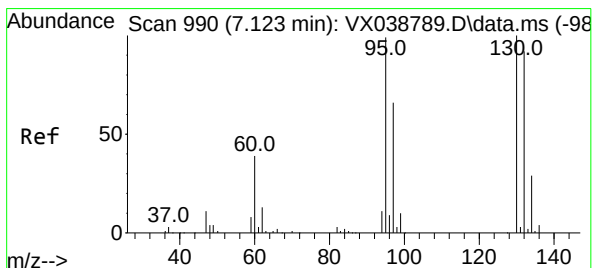
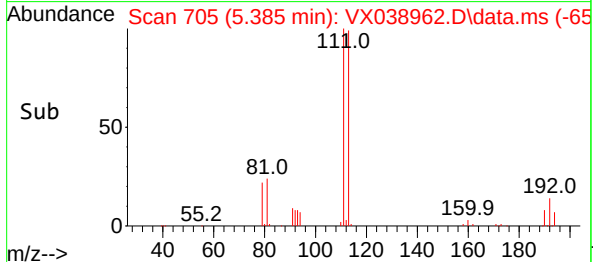
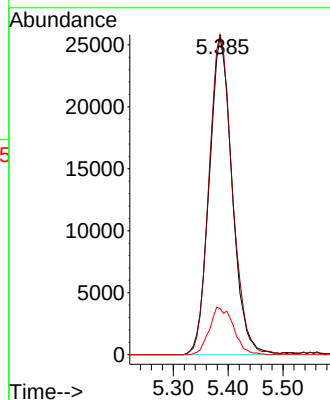
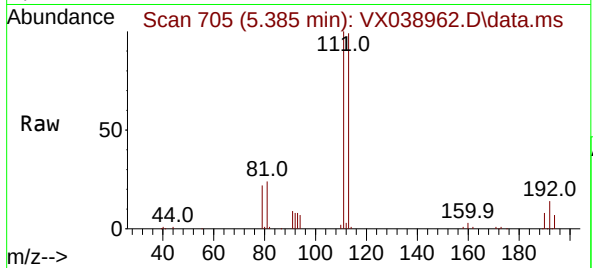




#35
Dibromofluoromethane
Concen: 44.732 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038962.D
Acq: 20 Nov 2023 16:37

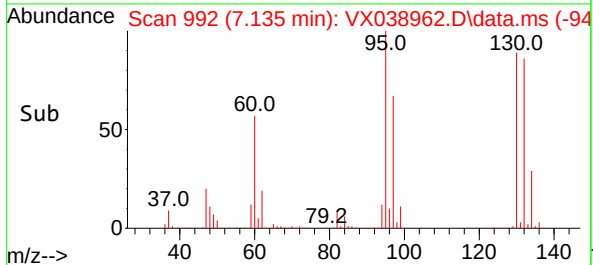
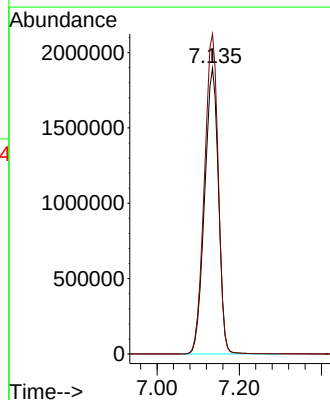
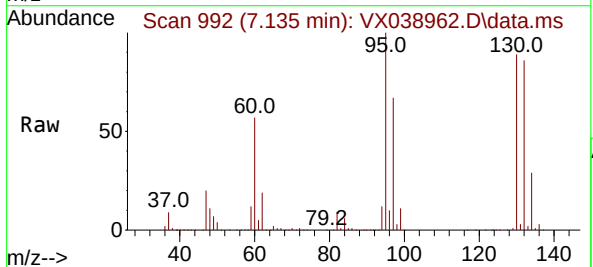
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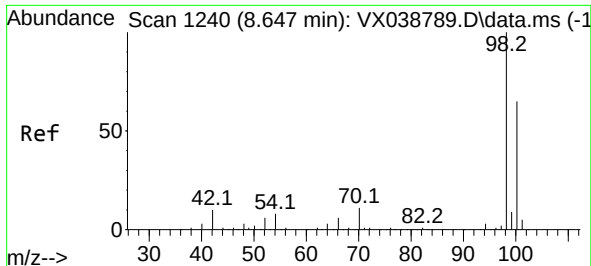
Tgt Ion:113 Resp: 74386
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 15.7 13.3 19.9



#44
Trichloroethene
Concen: 2589.241 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX038962.D
Acq: 20 Nov 2023 16:37

Tgt Ion:130 Resp: 4442790
Ion Ratio Lower Upper
130 100
95 112.0 0.0 204.4

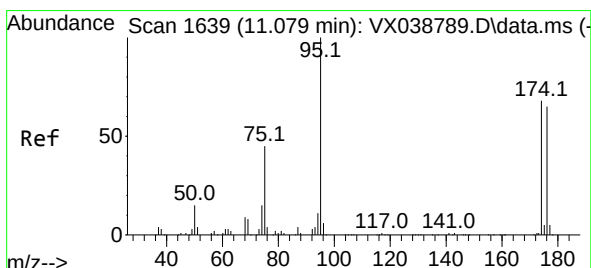
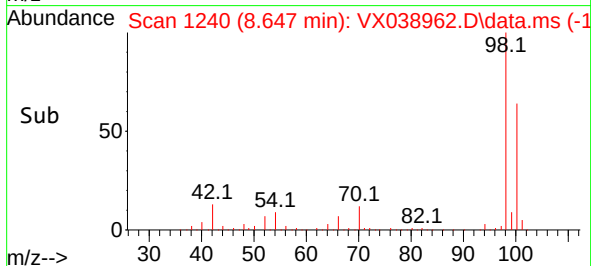
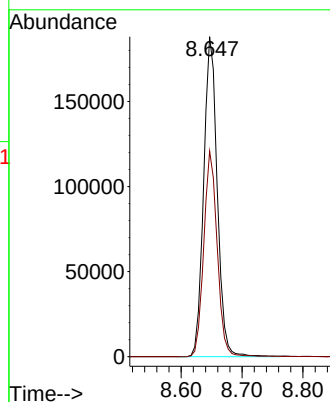
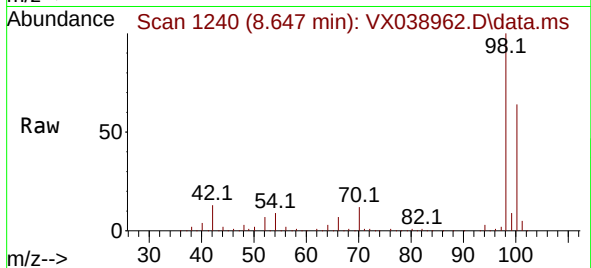




#50
Toluene-d8
Concen: 45.867 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038962.D
Acq: 20 Nov 2023 16:37

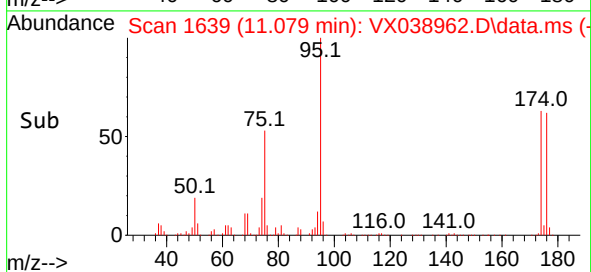
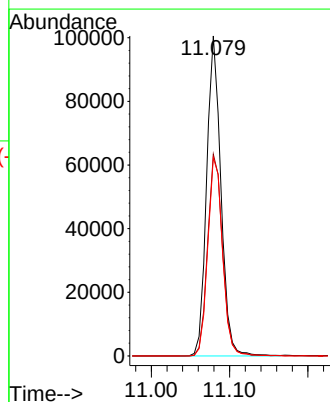
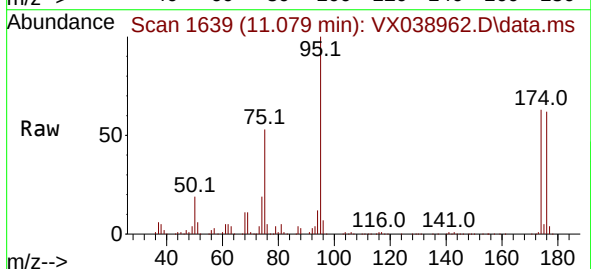
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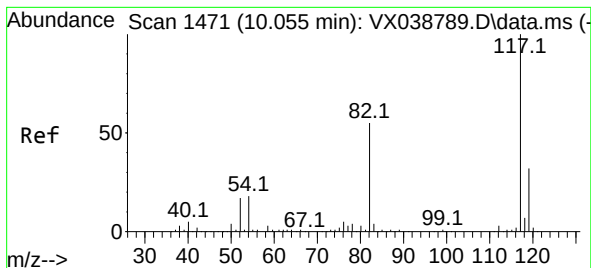
Tgt Ion: 98 Resp: 291828
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.796 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038962.D
Acq: 20 Nov 2023 16:37

Tgt Ion: 95 Resp: 126827
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 64.1 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: VX038962.D

Acq: 20 Nov 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

45BR-20231113

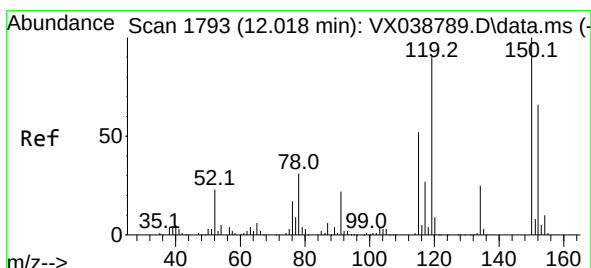
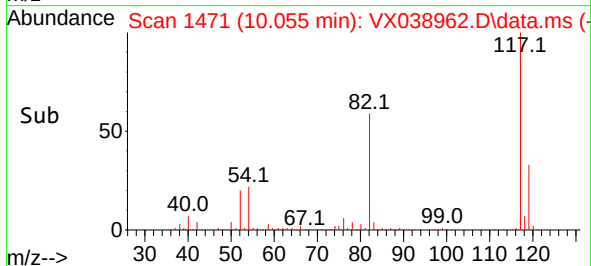
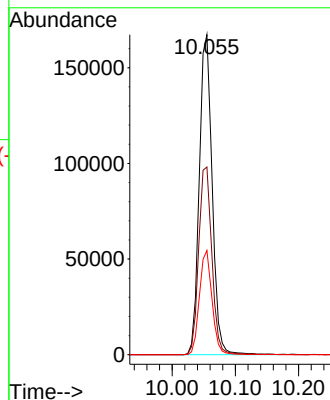
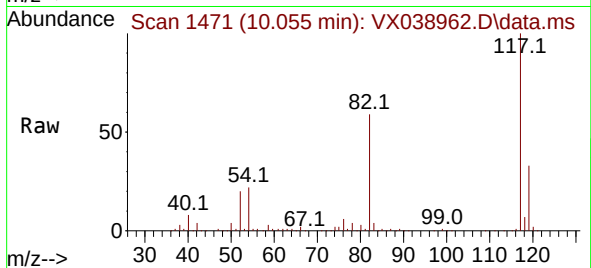
Tgt Ion:117 Resp: 237566

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.4

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038962.D

Acq: 20 Nov 2023 16:37

Tgt Ion:152 Resp: 119056

Ion Ratio Lower Upper

152 100

115 66.9 43.3 129.9

150 159.2 0.0 345.0

