

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038971.D
 Acq On : 20 Nov 2023 20:03
 Operator : JC/MD
 Sample : 05431-05DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20231113DL

Quant Time: Nov 21 00:26:31 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)

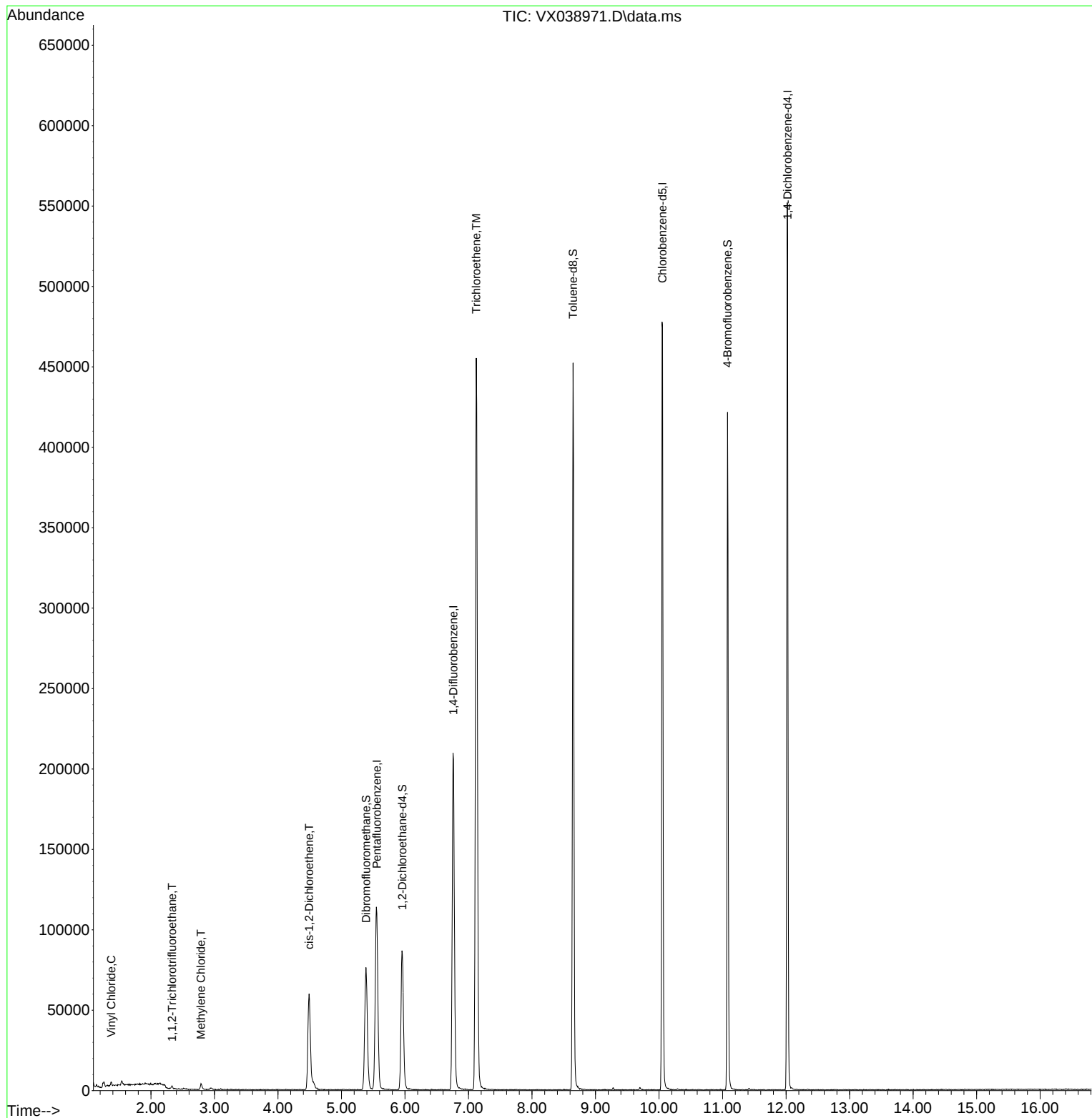
Internal Standards						
1) Pentafluorobenzene	5.556	168	102387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83013	50.317	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.640%
35) Dibromofluoromethane	5.385	113	66432	43.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.780%
50) Toluene-d8	8.647	98	264805	45.727	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.460%#
62) 4-Bromofluorobenzene	11.079	95	115985	50.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.060%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	1459	0.971	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	559	0.442	ug/l	94
20) Methylene Chloride	2.788	84	1620	1.023	ug/l #	82
27) cis-1,2-Dichloroethene	4.489	96	37055	22.577	ug/l	88
44) Trichloroethene	7.123	130	165249	105.810	ug/l	91

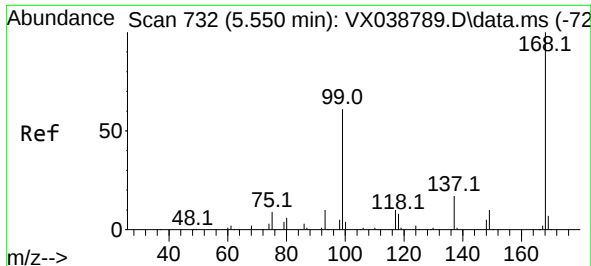
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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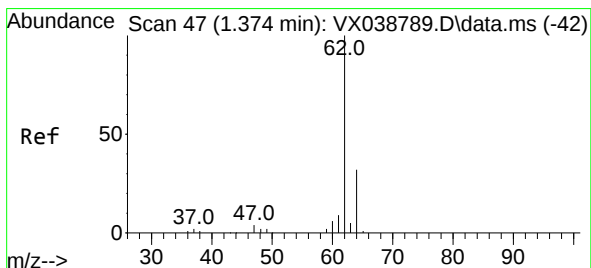
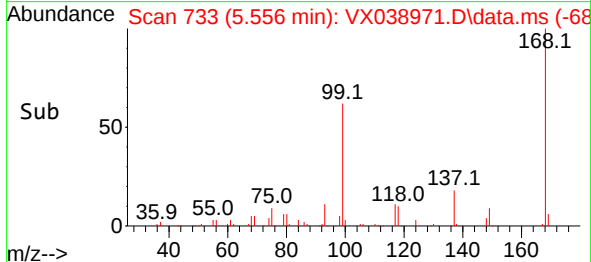
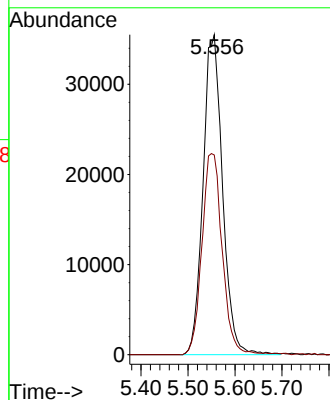
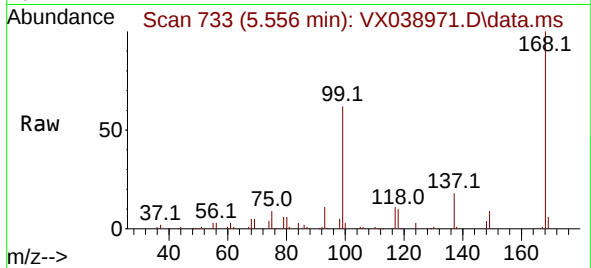




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038971.D
Acq: 20 Nov 2023 20:03

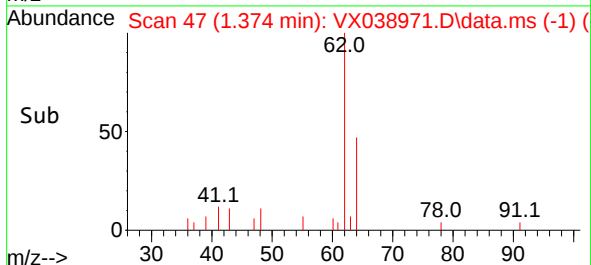
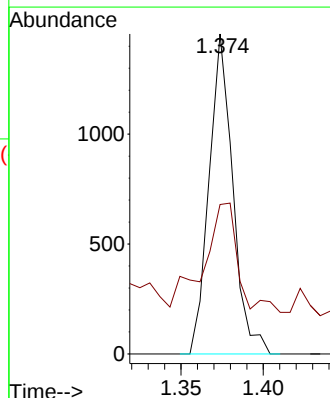
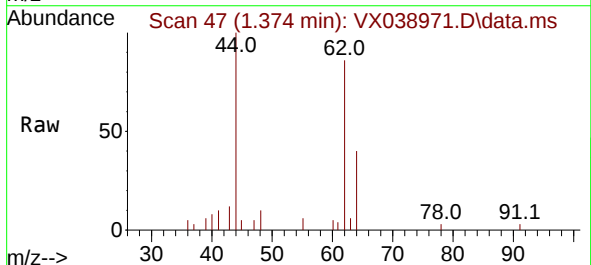
Instrument :
MSVOA_X
ClientSampleId :
56BR-20231113DL

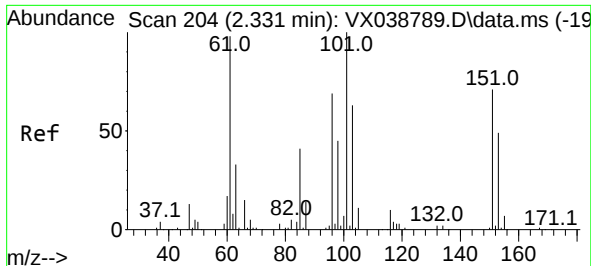
Tgt Ion:168 Resp: 102387
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#4
Vinyl Chloride
Concen: 0.971 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038971.D
Acq: 20 Nov 2023 20:03

Tgt Ion: 62 Resp: 1459
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.0

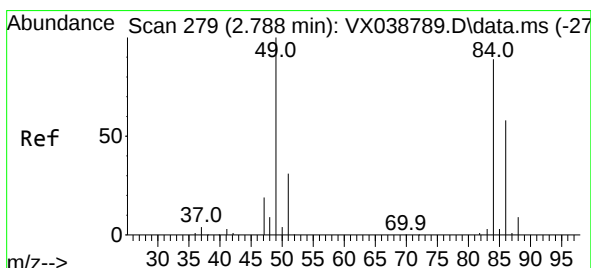
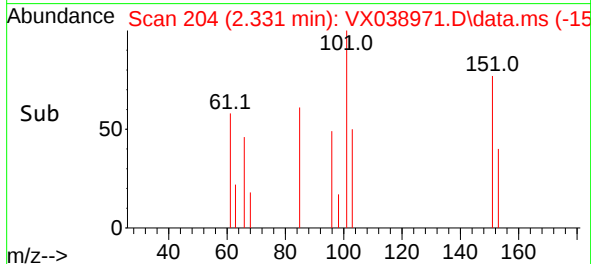
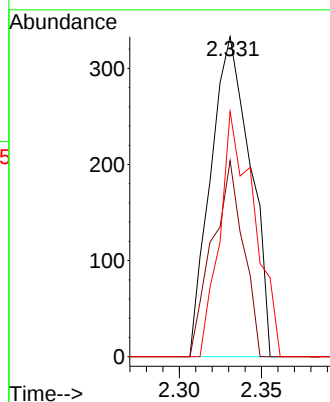
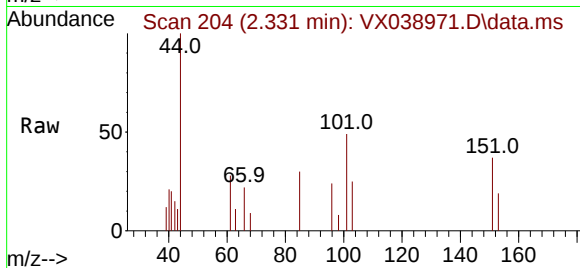




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.442 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038971.D
Acq: 20 Nov 2023 20:03

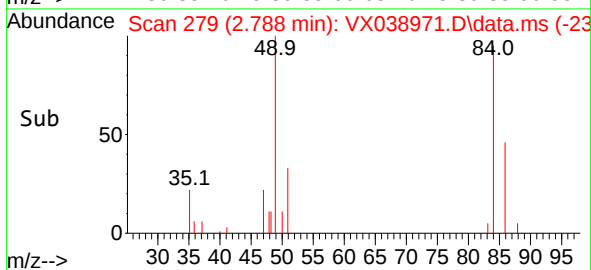
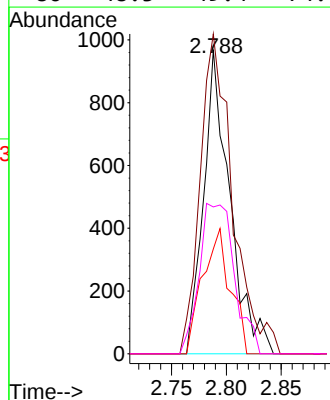
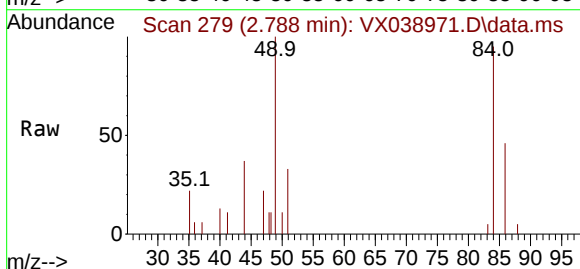
Instrument :
MSVOA_X
ClientSampleId :
56BR-20231113DL

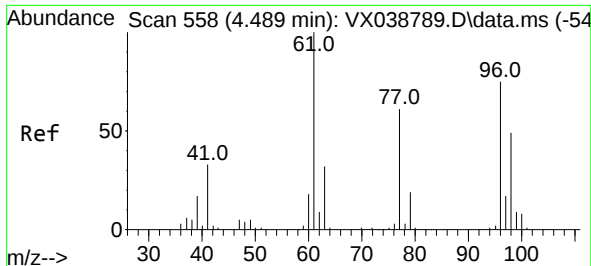
Tgt Ion:	101	Resp:	559
Ion	Ratio	Lower	Upper
101	100		
85	47.8	37.0	55.6
151	66.0	58.6	87.8



#20
Methylene Chloride
Concen: 1.023 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038971.D
Acq: 20 Nov 2023 20:03

Tgt Ion:	84	Resp:	1620
Ion	Ratio	Lower	Upper
84	100		
49	105.2	103.6	155.4
51	34.5	33.8	50.6
86	48.3	49.4	74.0





#27

cis-1,2-Dichloroethene

Concen: 22.577 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038971.D

Acq: 20 Nov 2023 20:03

Instrument :

MSVOA_X

ClientSampleId :

56BR-20231113DL

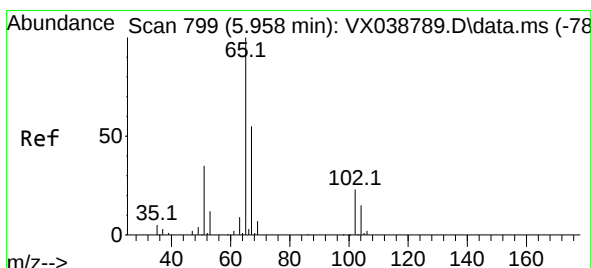
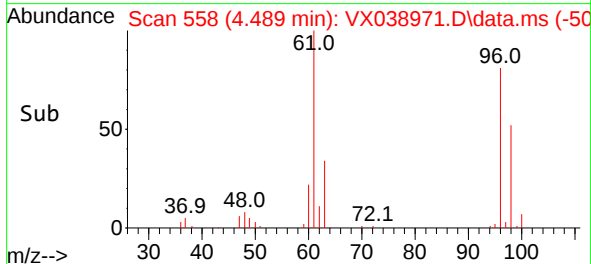
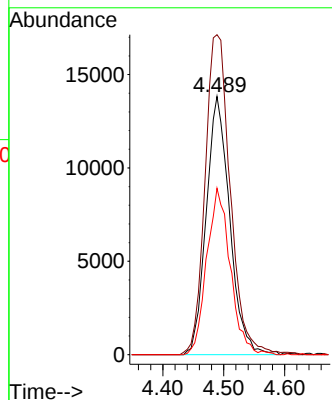
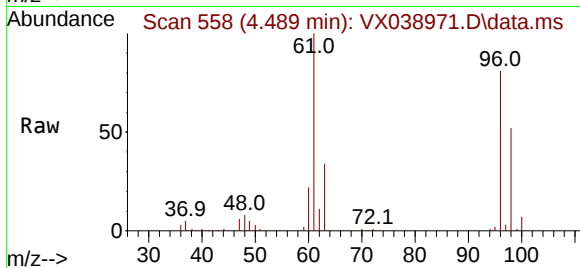
Tgt Ion: 96 Resp: 37055

Ion Ratio Lower Upper

96 100

61 133.4 0.0 312.2

98 64.7 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 50.317 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038971.D

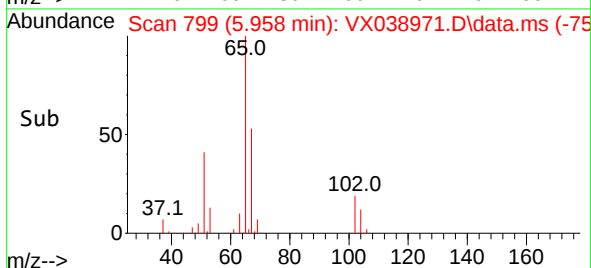
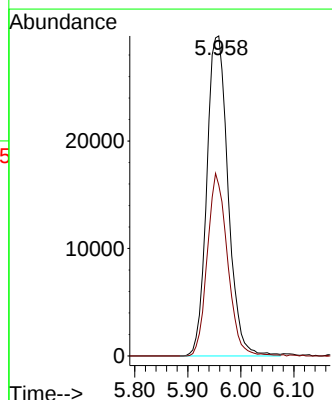
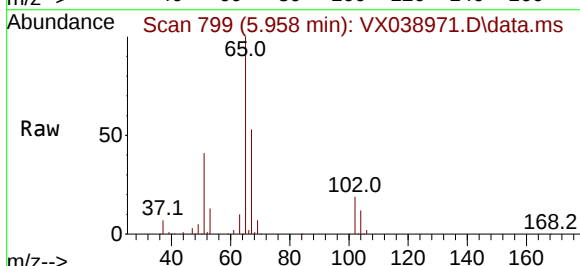
Acq: 20 Nov 2023 20:03

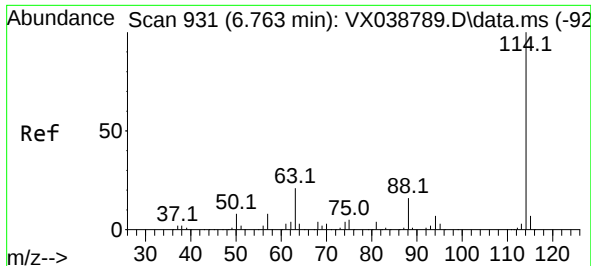
Tgt Ion: 65 Resp: 83013

Ion Ratio Lower Upper

65 100

67 54.3 0.0 100.2

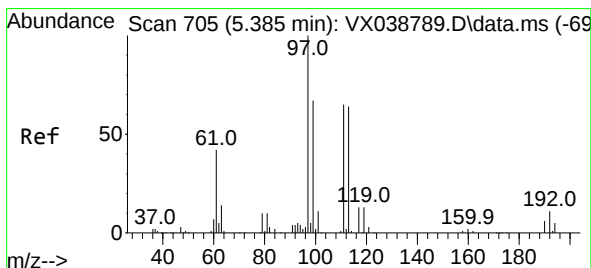
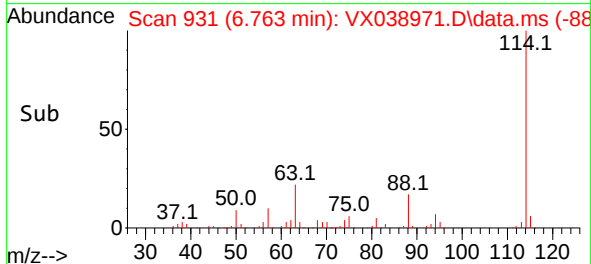
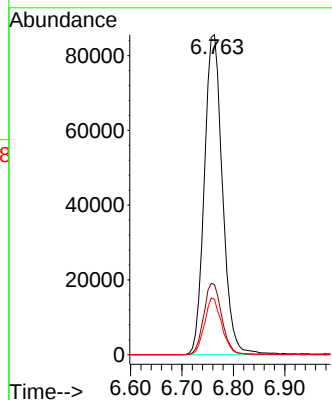
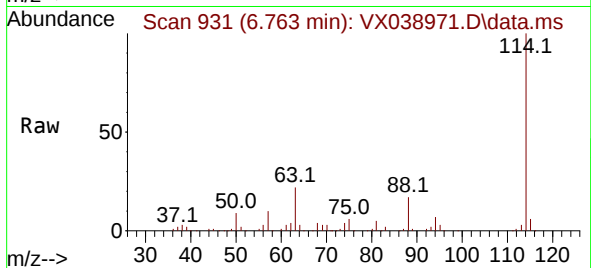




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038971.D
Acq: 20 Nov 2023 20:03

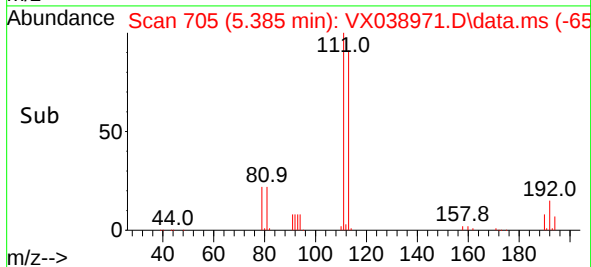
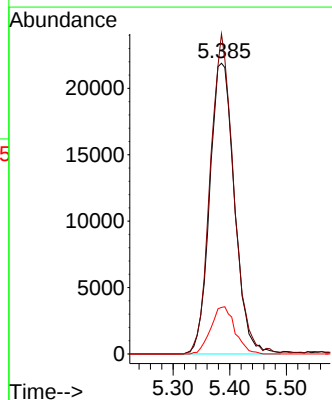
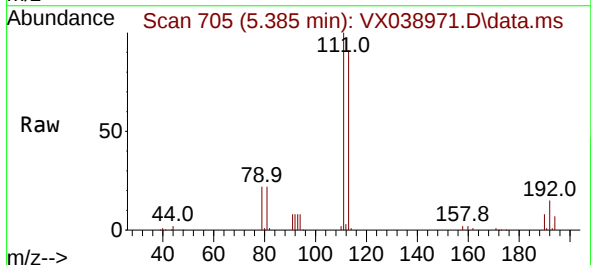
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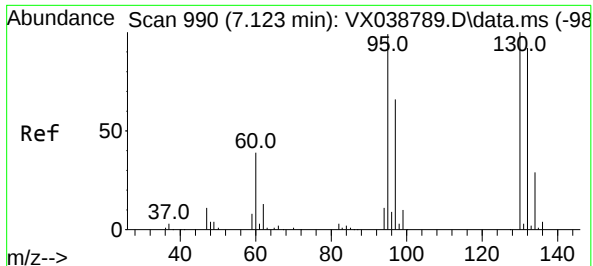
Tgt Ion:114 Resp: 209573
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.890 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038971.D
Acq: 20 Nov 2023 20:03

Tgt Ion:113 Resp: 66432
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.8 13.3 19.9

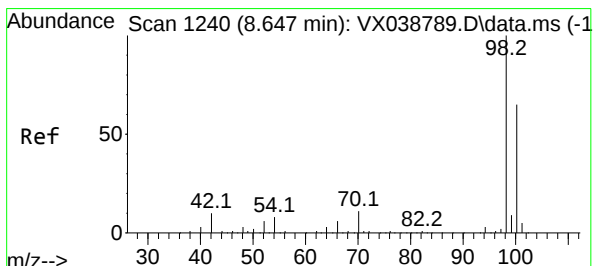
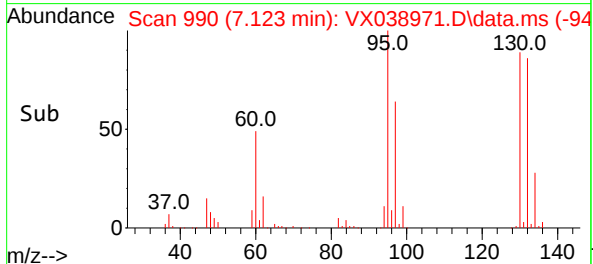
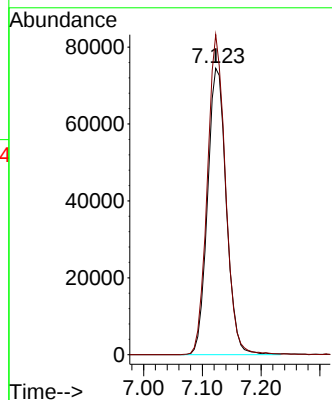
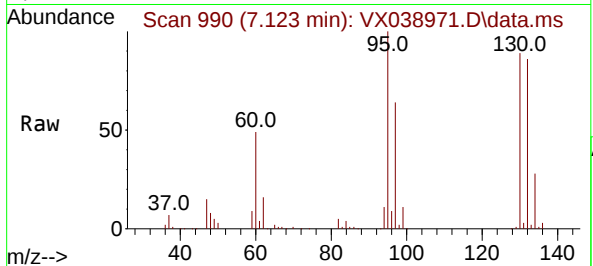




#44
Trichloroethene
Concen: 105.810 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038971.D
Acq: 20 Nov 2023 20:03

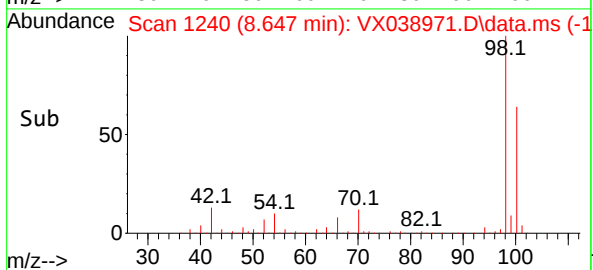
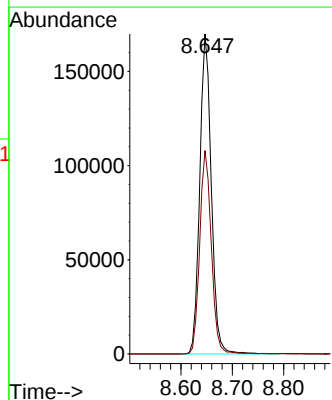
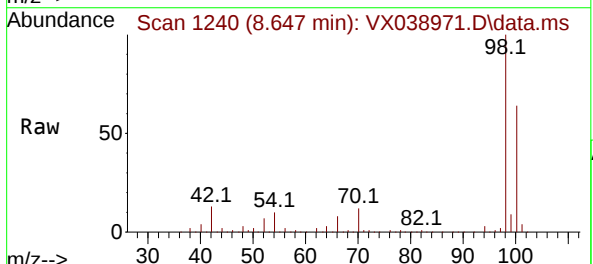
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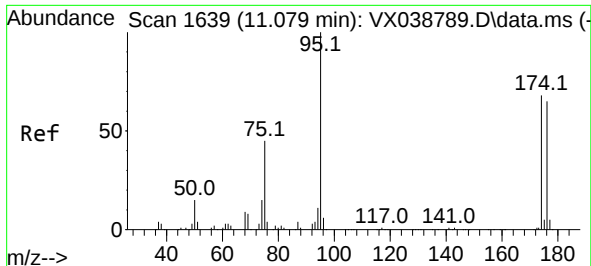
Tgt Ion:130 Resp: 165249
Ion Ratio Lower Upper
130 100
95 111.7 0.0 204.4



#50
Toluene-d8
Concen: 45.727 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038971.D
Acq: 20 Nov 2023 20:03

Tgt Ion: 98 Resp: 264805
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.032 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038971.D

Acq: 20 Nov 2023 20:03

Instrument :

MSVOA_X

ClientSampleId :

56BR-20231113DL

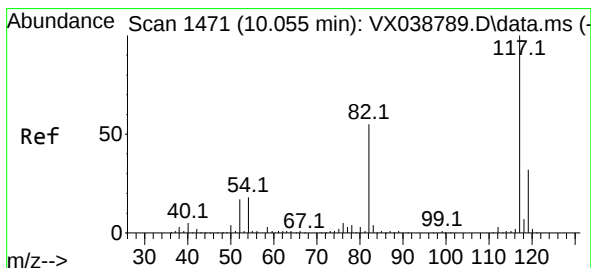
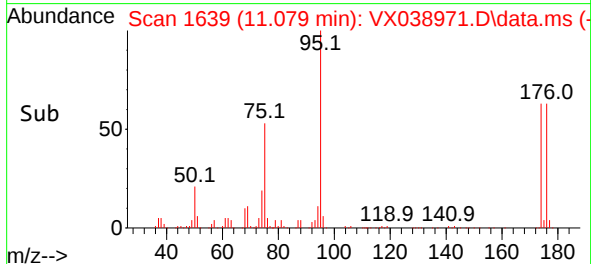
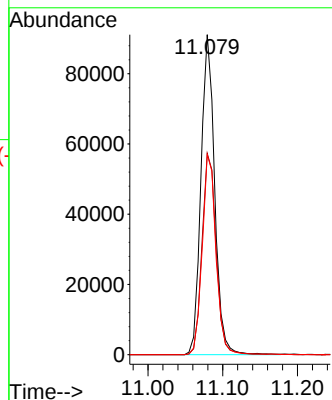
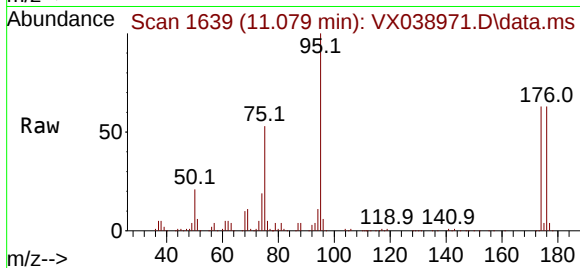
Tgt Ion: 95 Resp: 115985

Ion Ratio Lower Upper

95 100

174 64.8 0.0 135.6

176 63.0 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: VX038971.D

Acq: 20 Nov 2023 20:03

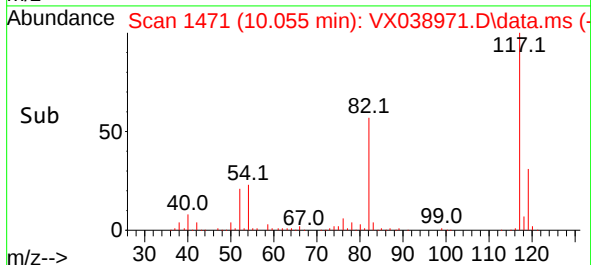
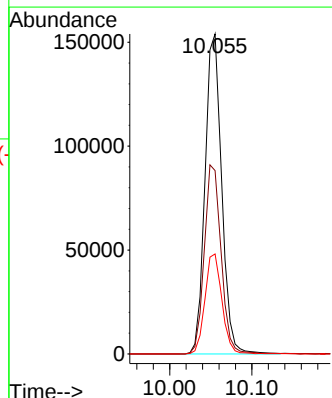
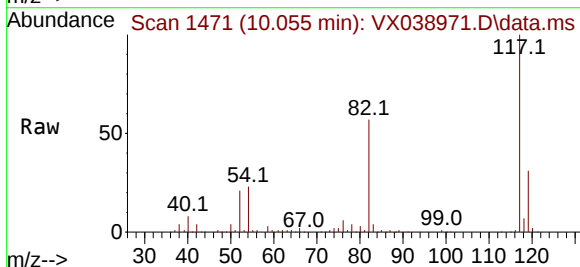
Tgt Ion: 117 Resp: 216805

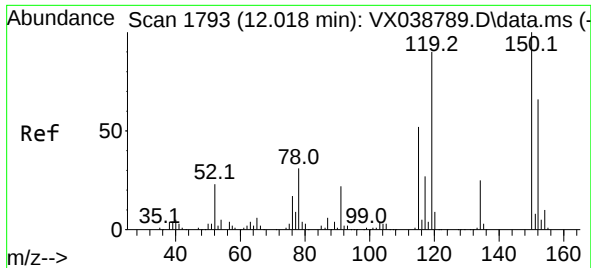
Ion Ratio Lower Upper

117 100

82 57.3 46.2 69.4

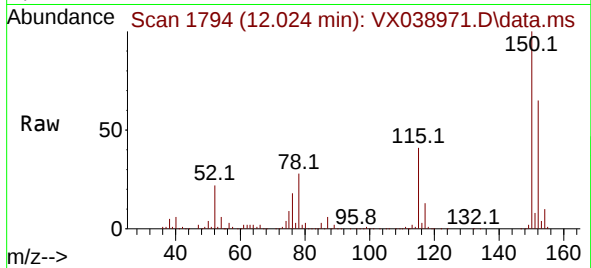
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038971.D
 Acq: 20 Nov 2023 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152	Resp:	107973	
Ion	Ratio	Lower	Upper
152	100		
115	65.7	43.3	129.9
150	157.9	0.0	345.0

