

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034457.D
 Acq On : 14 Mar 2023 12:11
 Operator : JC/MD
 Sample : 01879-18DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20230309DL

Quant Time: Mar 15 06:38:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

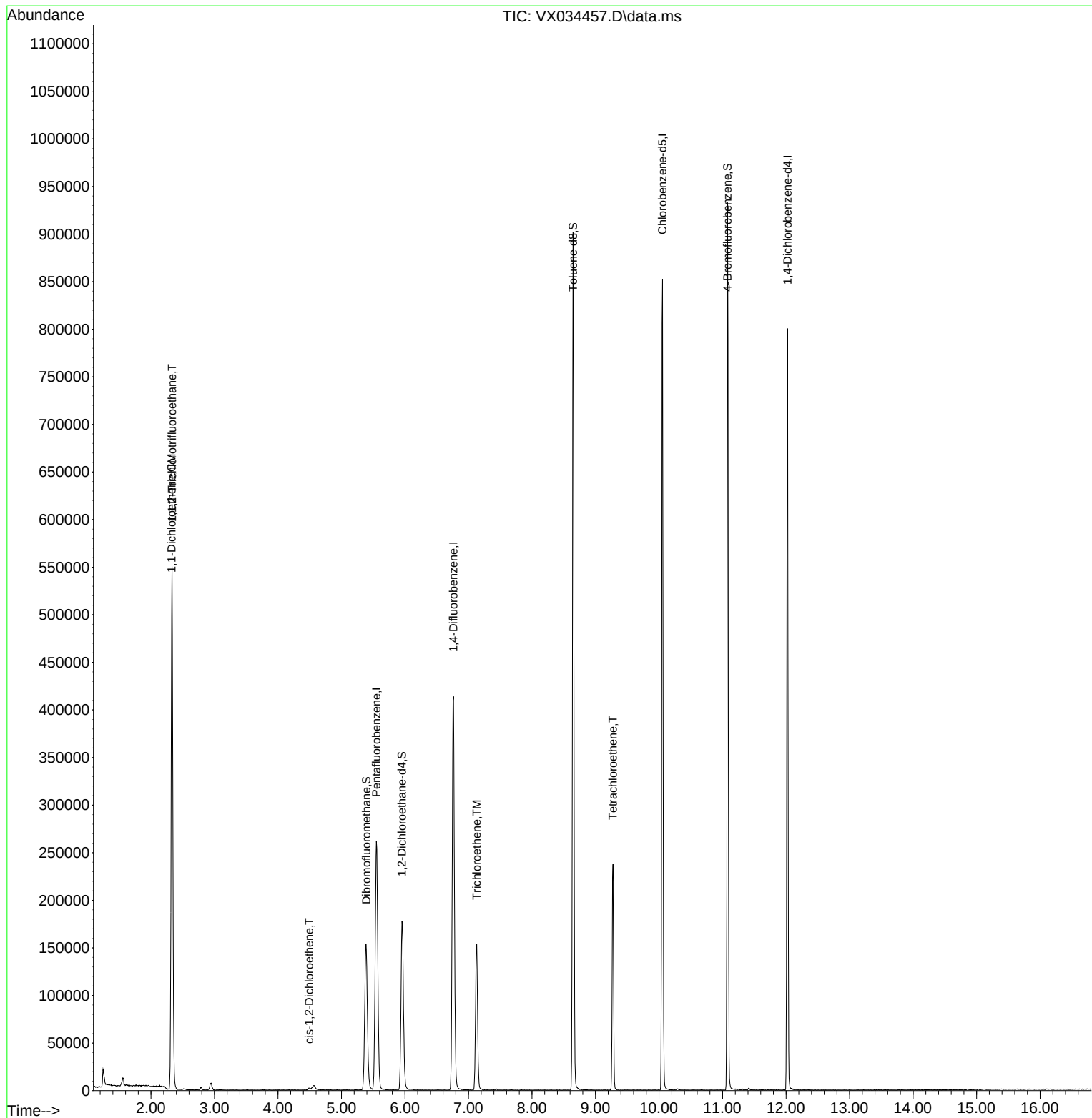
Internal Standards						
1) Pentafluorobenzene	5.550	168	252337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166582	45.378	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.760%
35) Dibromofluoromethane	5.391	113	133708	47.316	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	8.647	98	514915	48.812	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	241706	56.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.460%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	214347	76.418	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1871	0.677	ug/l #	62
27) cis-1,2-Dichloroethene	4.489	96	1548	0.438	ug/l	90
44) Trichloroethene	7.129	130	60187	18.244	ug/l	96
64) Tetrachloroethene	9.275	164	43307	16.886	ug/l	97

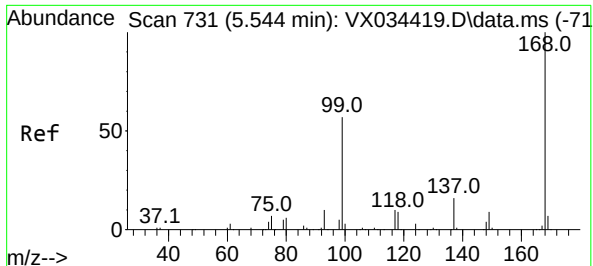
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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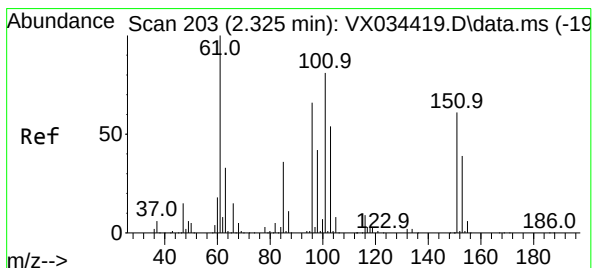
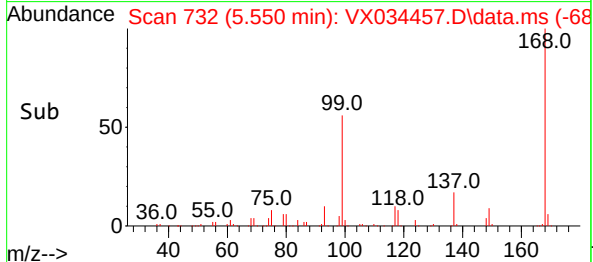
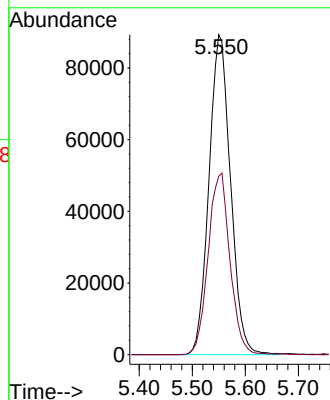
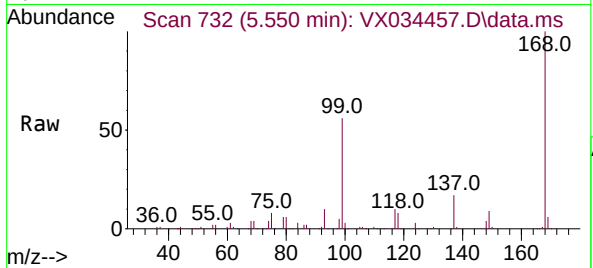




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

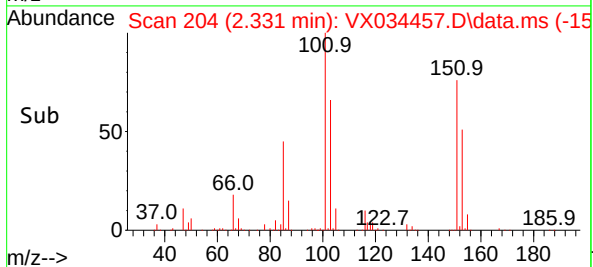
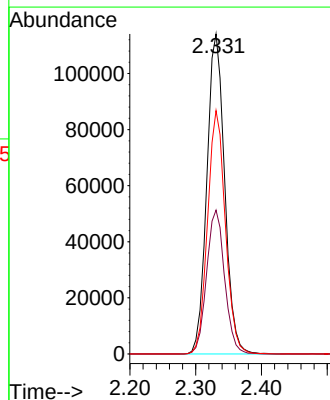
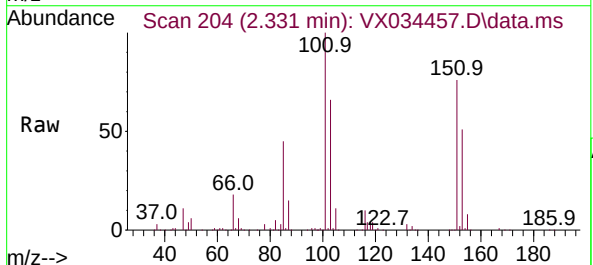
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309DL

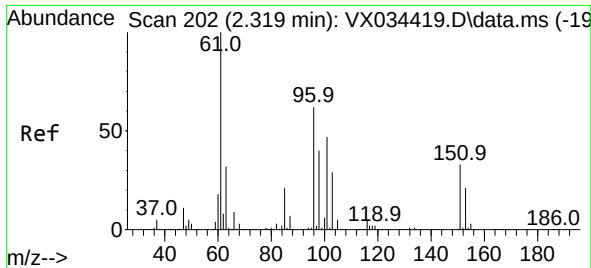
Tgt Ion:168 Resp: 252337
Ion Ratio Lower Upper
168 100
99 55.7 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 76.418 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion:101 Resp: 214347
Ion Ratio Lower Upper
101 100
85 45.6 35.4 53.2
151 76.0 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.677 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034457.D

Acq: 14 Mar 2023 12:11

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20230309DL

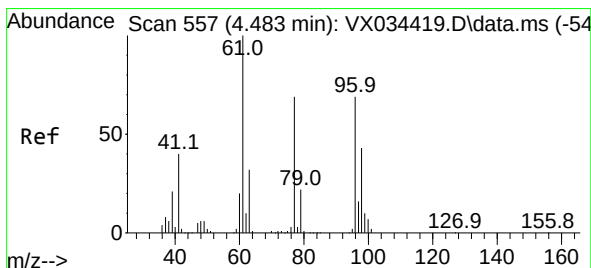
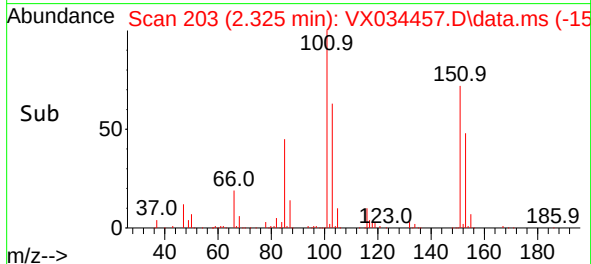
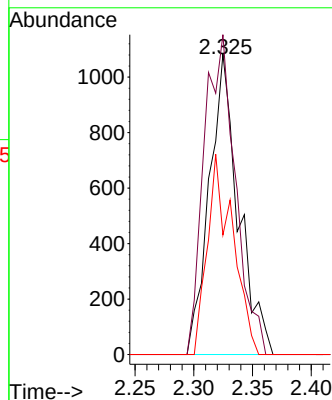
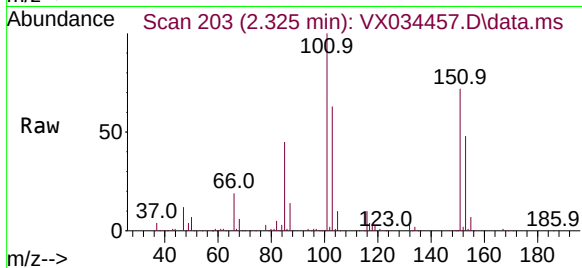
Tgt Ion: 96 Resp: 1871

Ion Ratio Lower Upper

96 100

61 106.5 128.8 193.2#

98 39.8 51.4 77.0#



#27

cis-1,2-Dichloroethene

Concen: 0.438 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034457.D

Acq: 14 Mar 2023 12:11

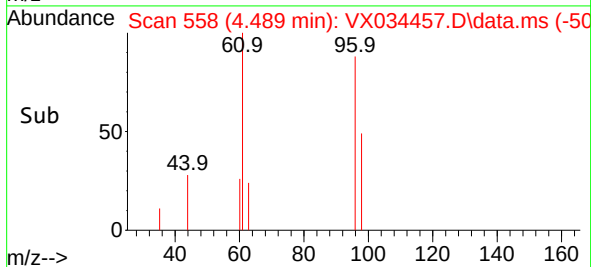
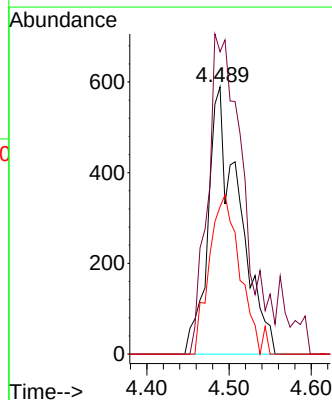
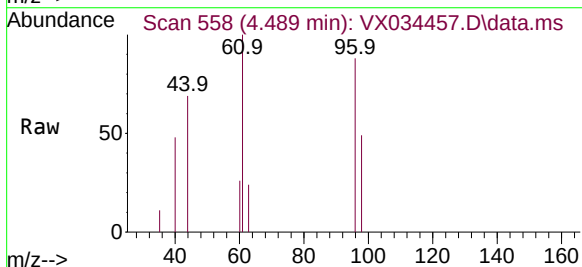
Tgt Ion: 96 Resp: 1548

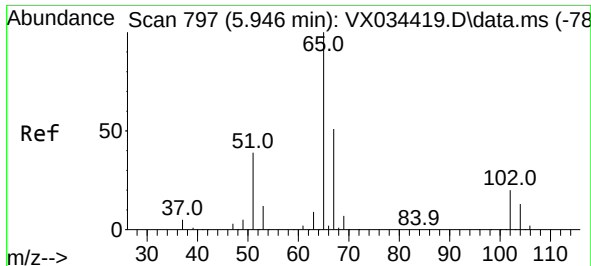
Ion Ratio Lower Upper

96 100

61 136.6 0.0 300.4

98 59.1 0.0 129.0

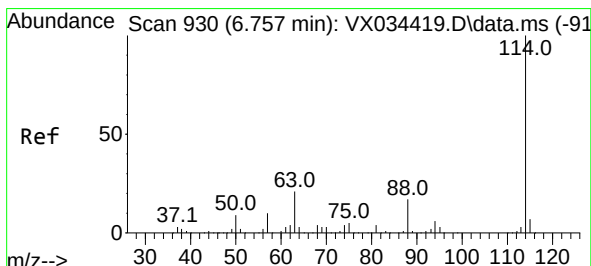
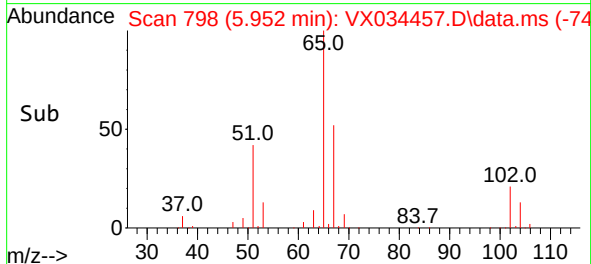
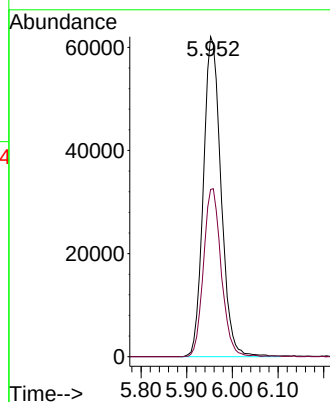
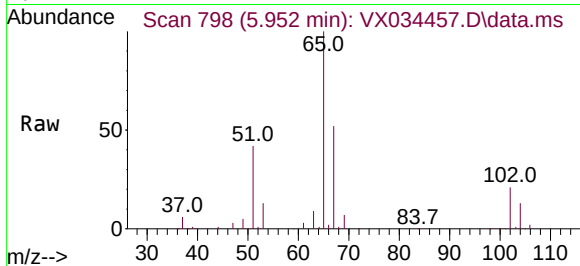




#33
 1,2-Dichloroethane-d4
 Concen: 45.378 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034457.D
 Acq: 14 Mar 2023 12:11

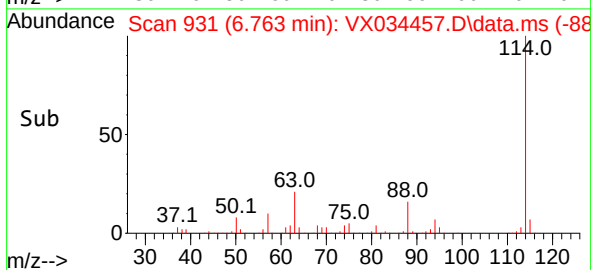
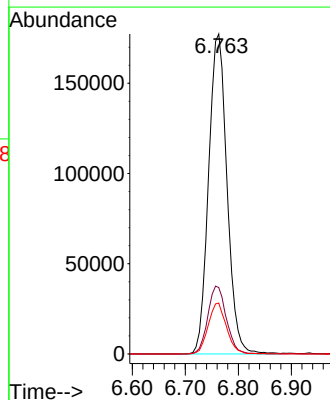
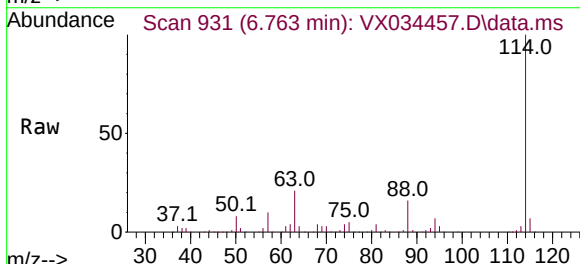
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20230309DL

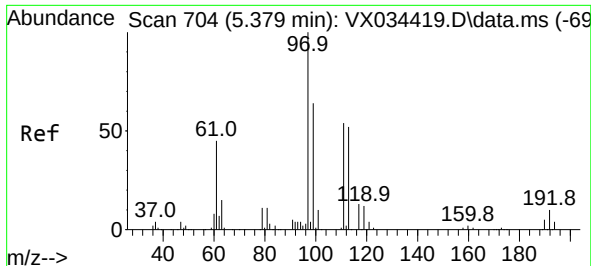
Tgt Ion: 65 Resp: 166582
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034457.D
 Acq: 14 Mar 2023 12:11

Tgt Ion: 114 Resp: 427996
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.2
 88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.316 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX034457.D

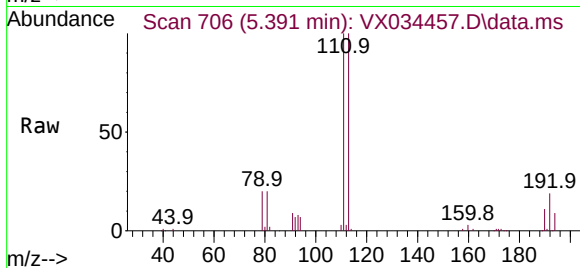
Acq: 14 Mar 2023 12:11

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20230309DL



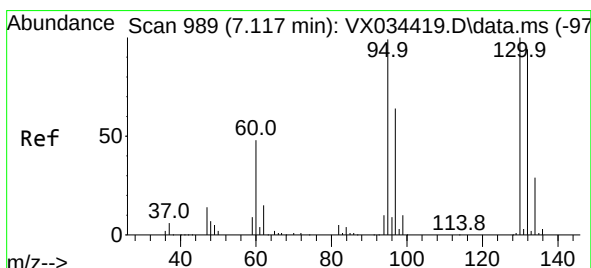
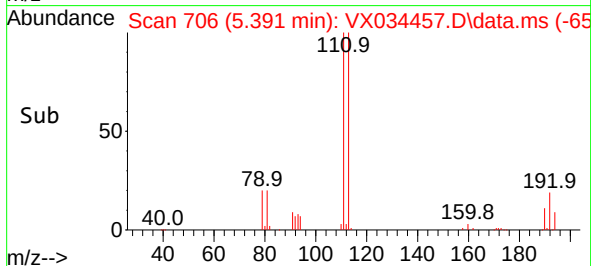
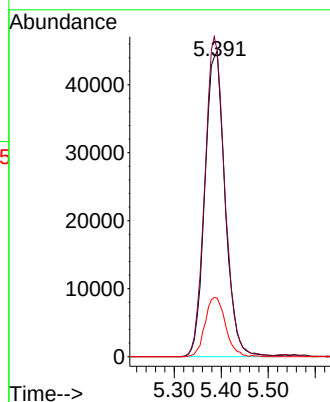
Tgt Ion:113 Resp: 133708

Ion Ratio Lower Upper

113 100

111 104.0 83.7 125.5

192 19.6 15.4 23.2



#44

Trichloroethene

Concen: 18.244 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX034457.D

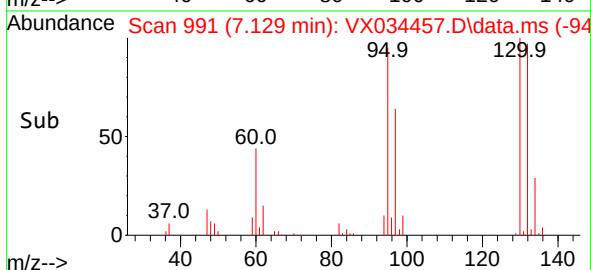
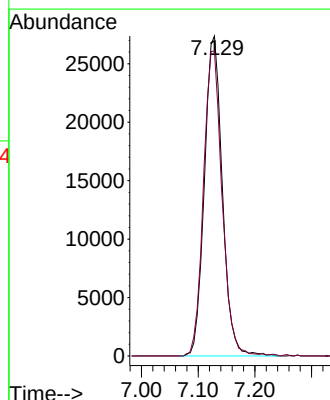
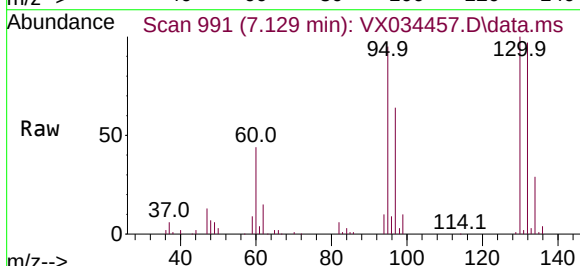
Acq: 14 Mar 2023 12:11

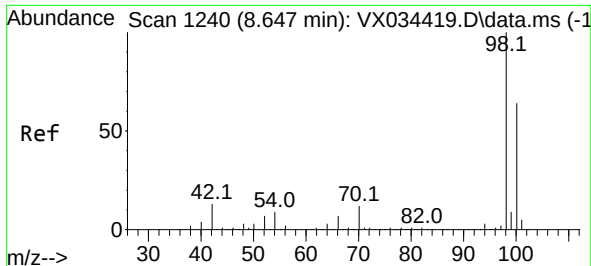
Tgt Ion:130 Resp: 60187

Ion Ratio Lower Upper

130 100

95 95.3 0.0 198.4

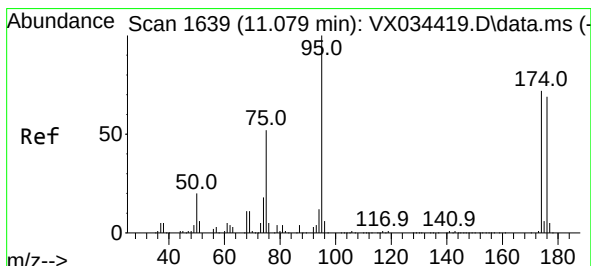
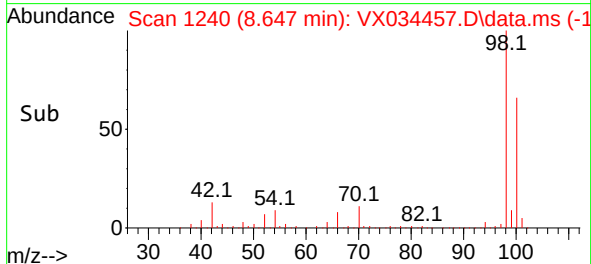
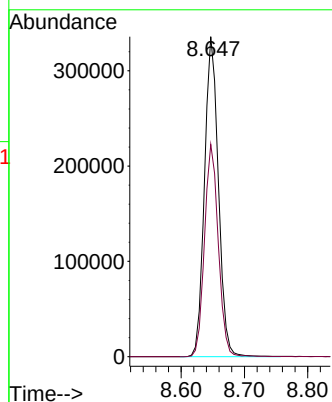
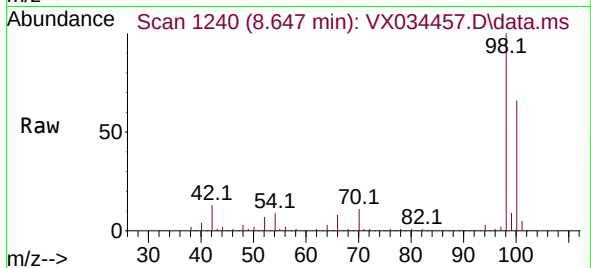




#50
Toluene-d8
Concen: 48.812 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

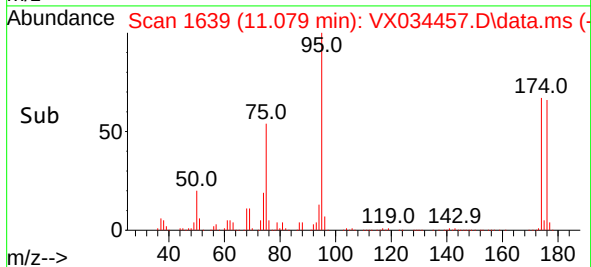
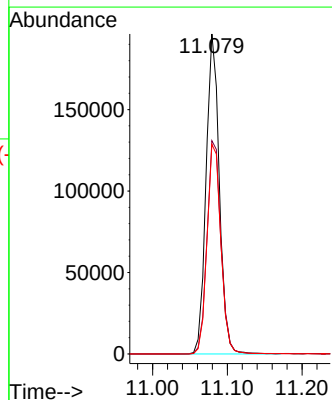
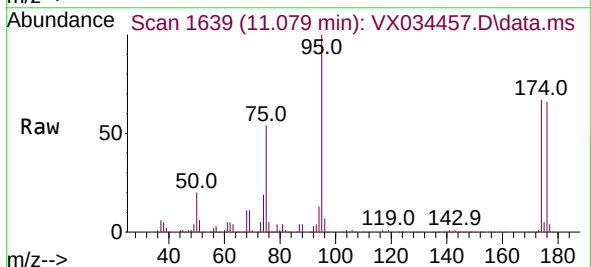
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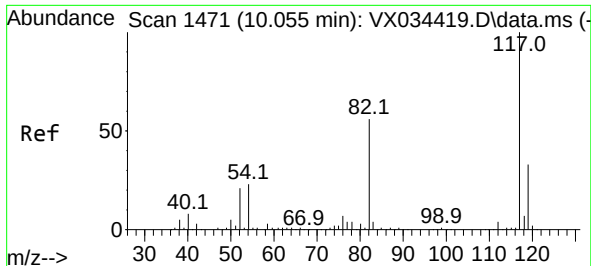
Tgt Ion: 98 Resp: 514915
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion: 95 Resp: 241706
Ion Ratio Lower Upper
95 100
174 70.1 0.0 147.4
176 68.4 0.0 140.6

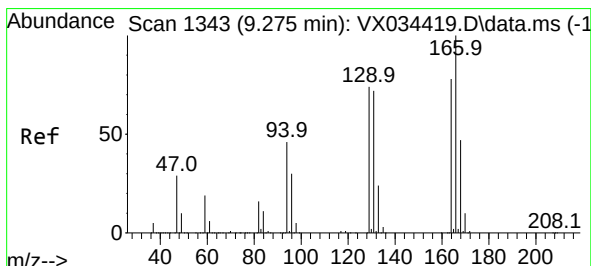
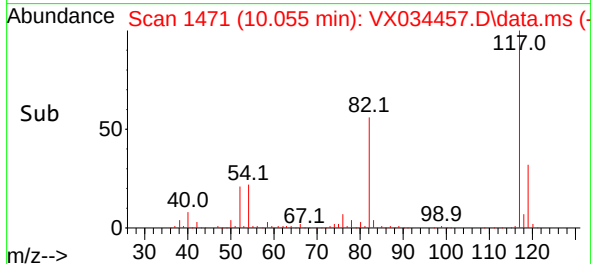
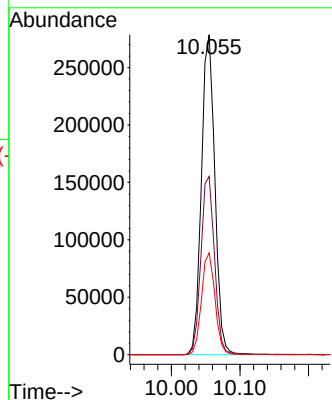
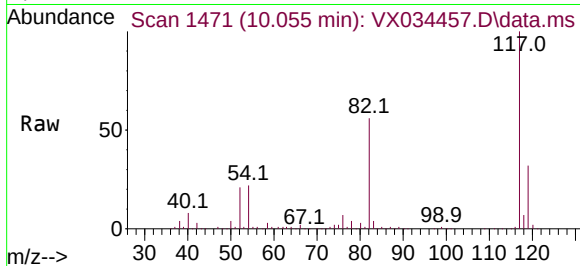




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

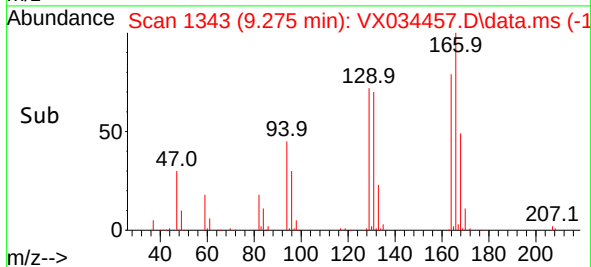
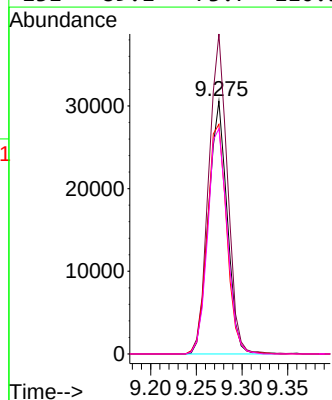
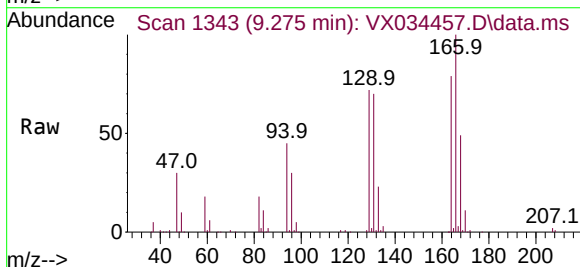
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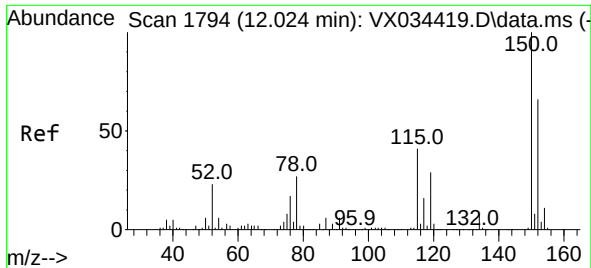
Tgt Ion:117 Resp: 381793
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 16.886 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034457.D
Acq: 14 Mar 2023 12:11

Tgt Ion:164 Resp: 43307
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 90.8 75.6 113.4
131 89.1 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034457.D

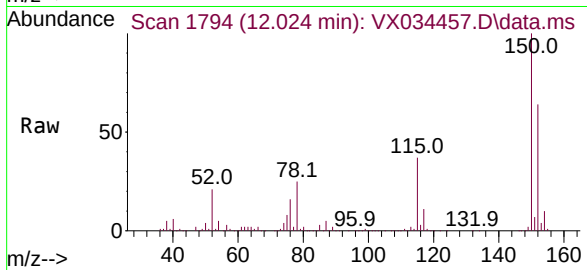
Acq: 14 Mar 2023 12:11

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20230309DL



Tgt Ion:152 Resp: 165882

Ion Ratio Lower Upper

152 100

115 59.6 45.0 135.0

150 157.1 0.0 352.4

