

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034456.D
 Acq On : 14 Mar 2023 11:48
 Operator : JC/MD
 Sample : 01879-20DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20230309DL

Quant Time: Mar 15 06:37:48 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)

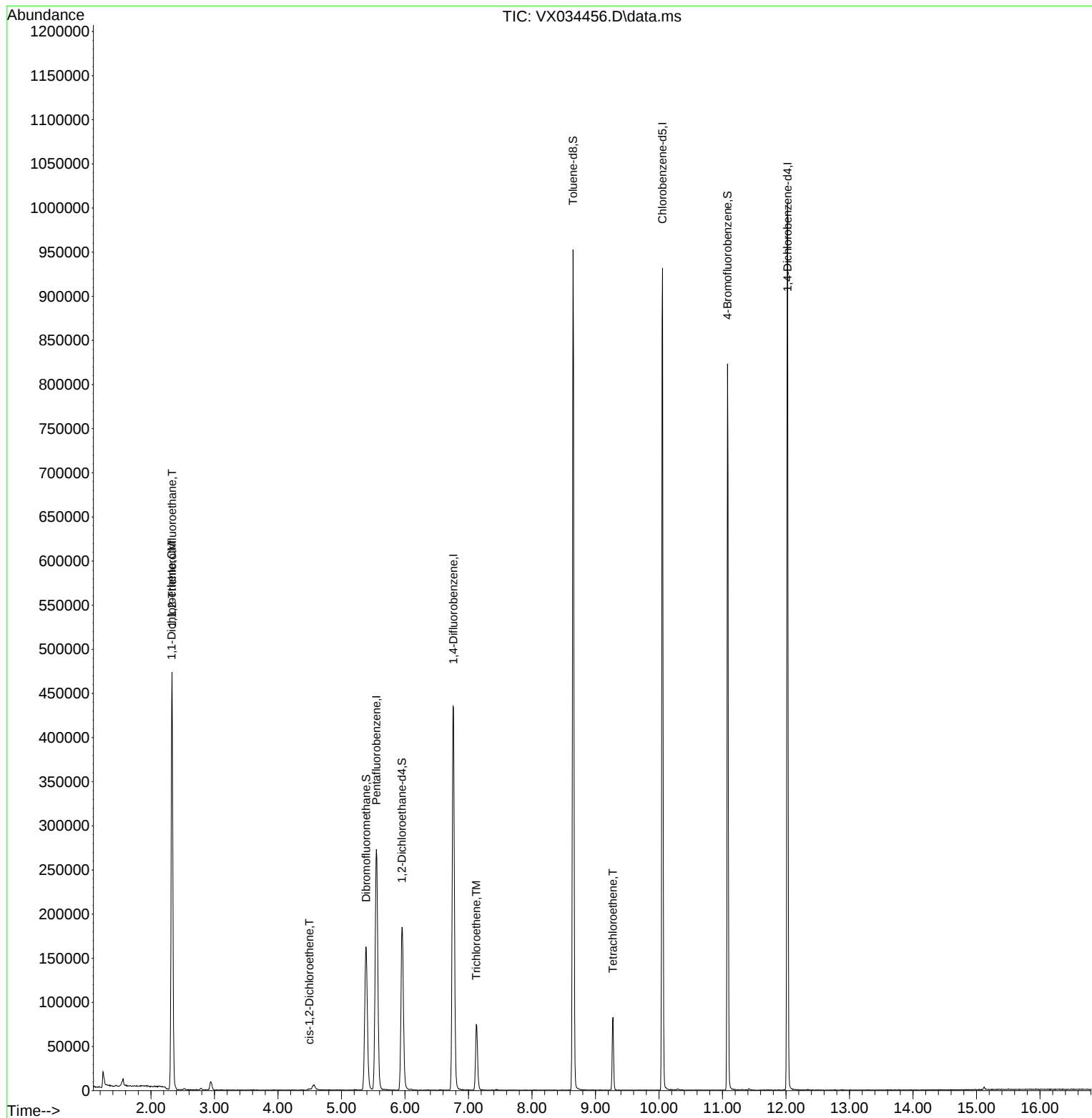
Internal Standards						
1) Pentafluorobenzene	5.550	168	263550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175233	45.704	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.400%
35) Dibromofluoromethane	5.385	113	142727	47.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	8.647	98	547494	48.946	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.079	95	211138	46.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.460%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	185906	63.459	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1376	0.477	ug/l #	70
27) cis-1,2-Dichloroethene	4.495	96	1041	0.282	ug/l	93
44) Trichloroethene	7.123	130	29204	8.348	ug/l	98
64) Tetrachloroethene	9.275	164	15586	5.706	ug/l	96

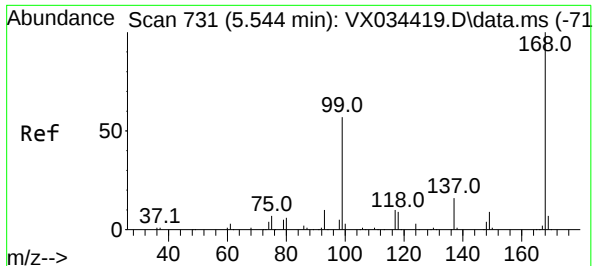
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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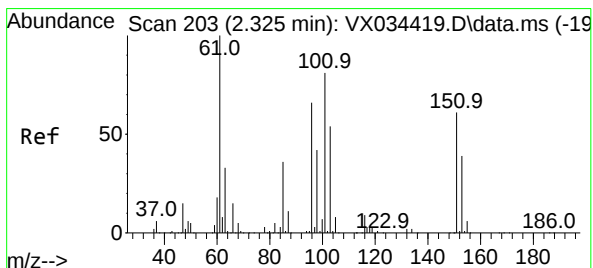
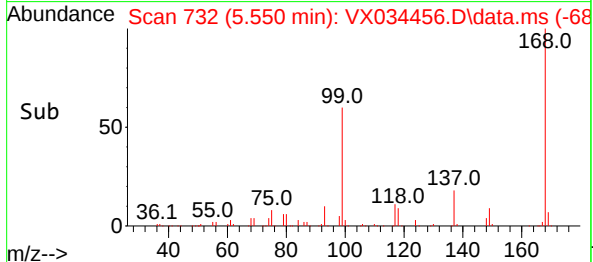
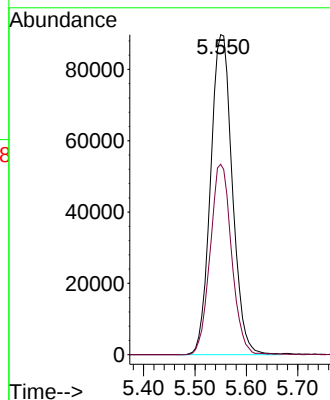
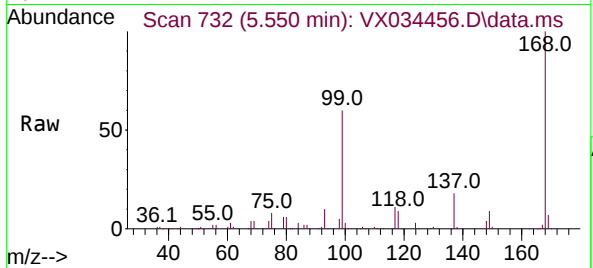




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034456.D
Acq: 14 Mar 2023 11:48

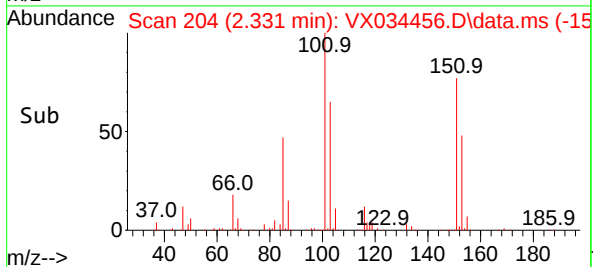
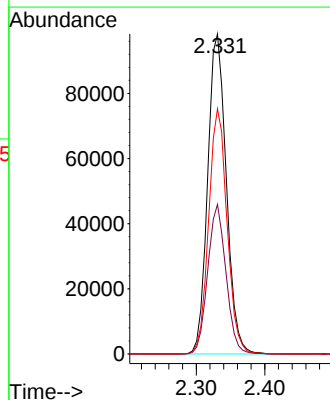
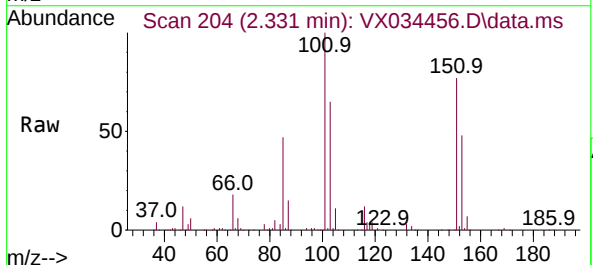
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230309DL

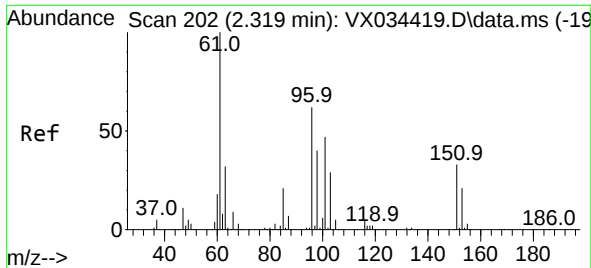
Tgt Ion:168 Resp: 263550
Ion Ratio Lower Upper
168 100
99 59.5 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 63.459 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034456.D
Acq: 14 Mar 2023 11:48

Tgt Ion:101 Resp: 185906
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.2
151 75.7 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.477 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034456.D

Acq: 14 Mar 2023 11:48

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20230309DL

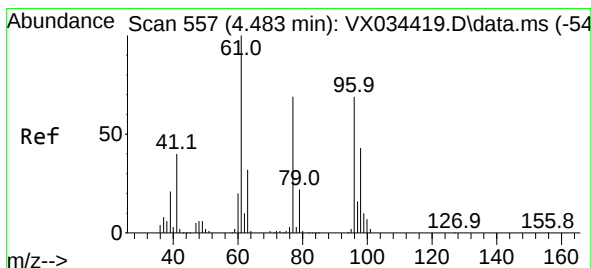
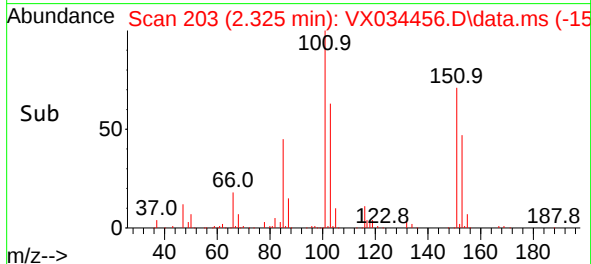
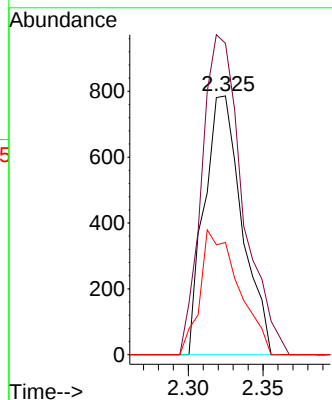
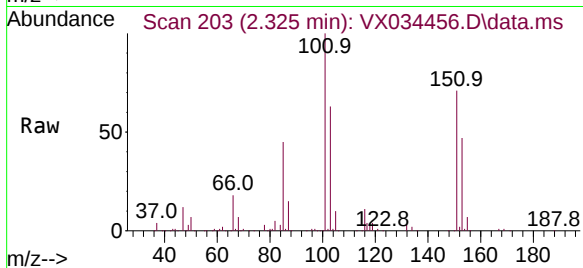
Tgt Ion: 96 Resp: 1376

Ion Ratio Lower Upper

96 100

61 120.4 128.8 193.2#

98 43.4 51.4 77.0#



#27

cis-1,2-Dichloroethene

Concen: 0.282 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX034456.D

Acq: 14 Mar 2023 11:48

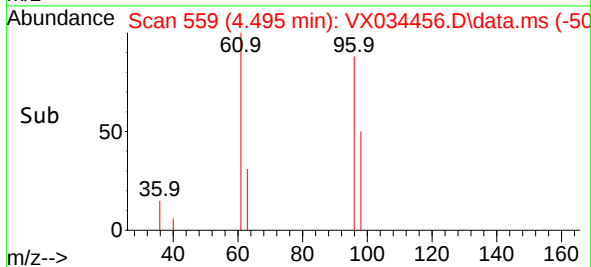
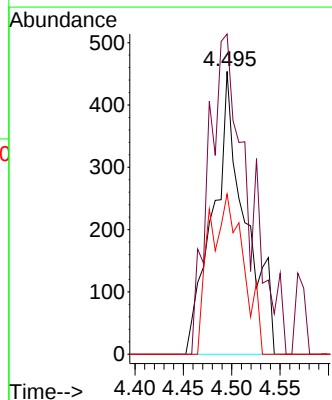
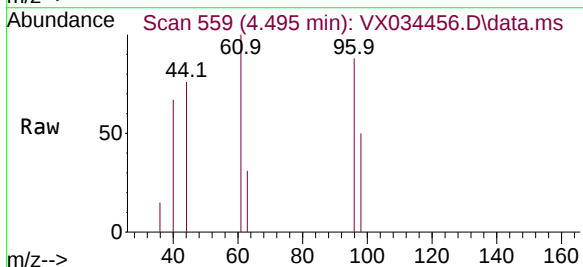
Tgt Ion: 96 Resp: 1041

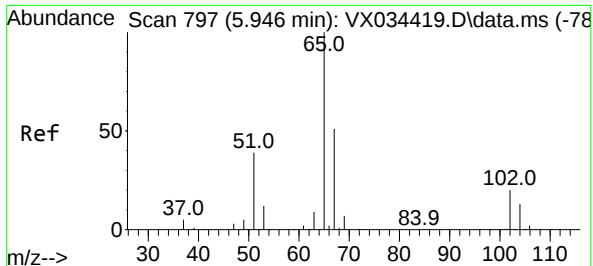
Ion Ratio Lower Upper

96 100

61 140.1 0.0 300.4

98 60.2 0.0 129.0

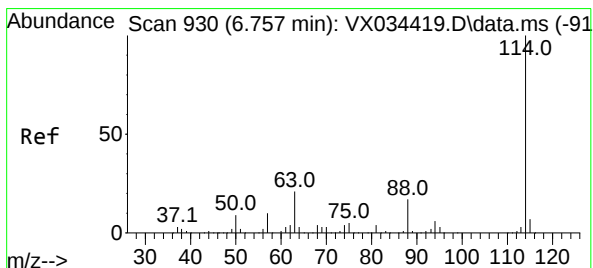
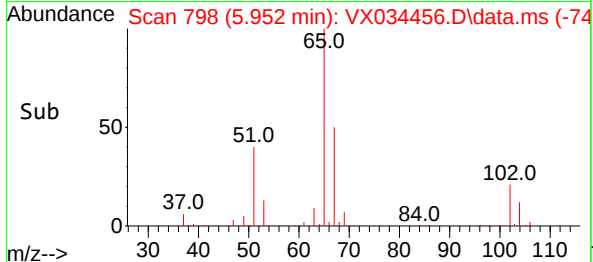
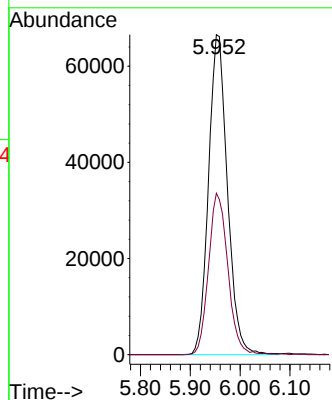
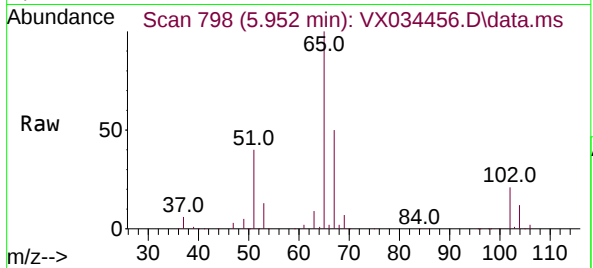




#33
 1,2-Dichloroethane-d4
 Concen: 45.704 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034456.D
 Acq: 14 Mar 2023 11:48

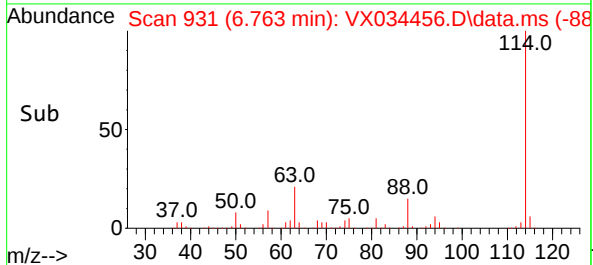
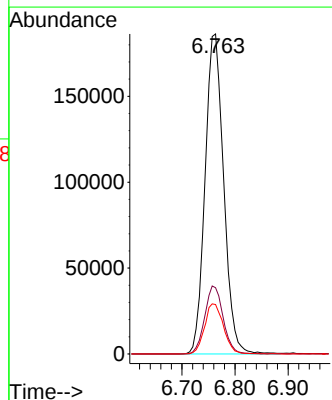
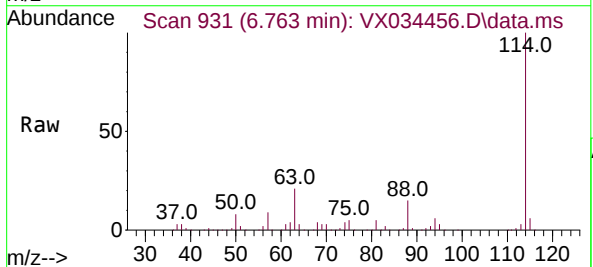
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20230309DL

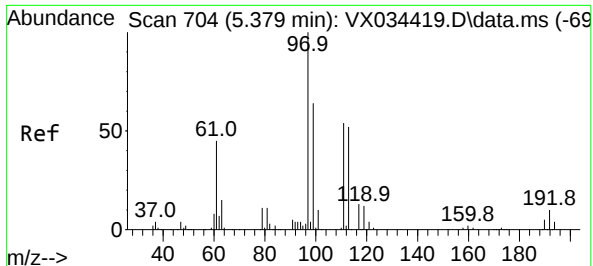
Tgt Ion: 65 Resp: 175233
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034456.D
 Acq: 14 Mar 2023 11:48

Tgt Ion: 114 Resp: 453831
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.633 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034456.D

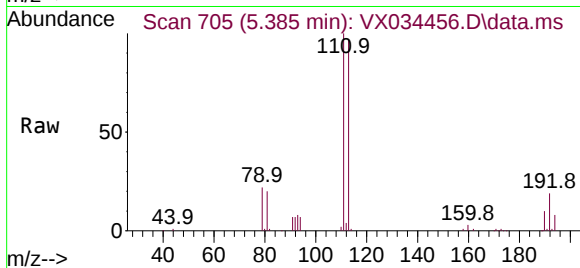
Acq: 14 Mar 2023 11:48

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20230309DL



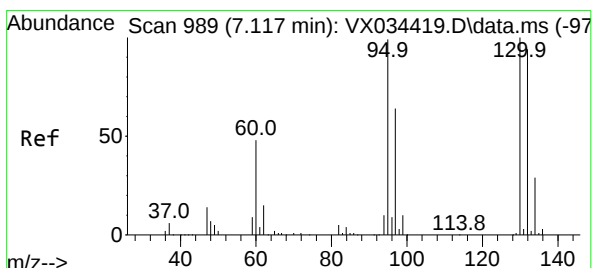
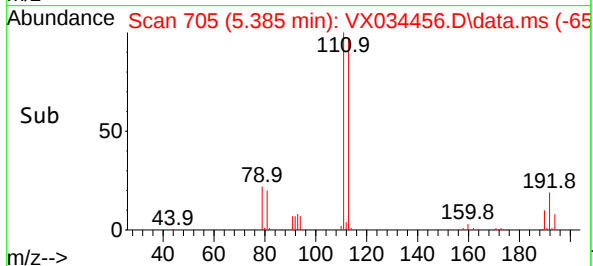
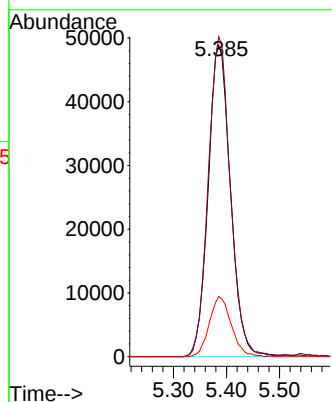
Tgt Ion:113 Resp: 142727

Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 19.0 15.4 23.2



#44

Trichloroethene

Concen: 8.348 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034456.D

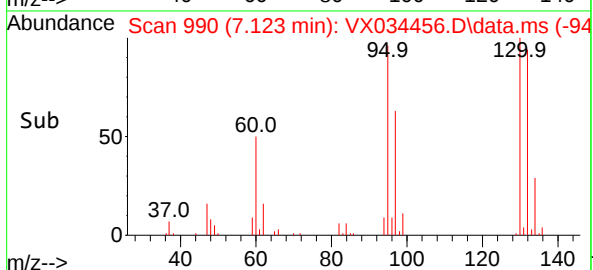
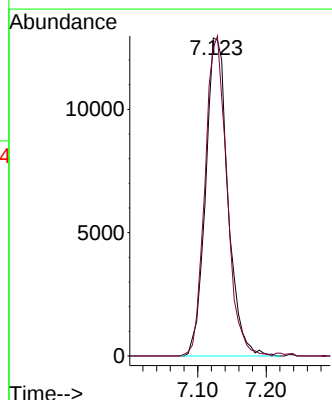
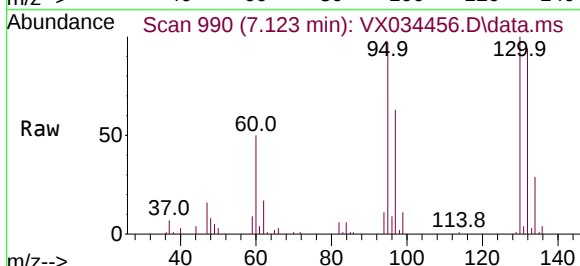
Acq: 14 Mar 2023 11:48

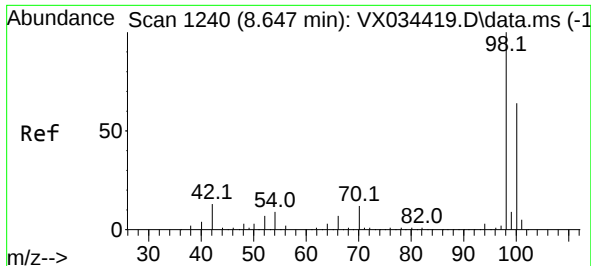
Tgt Ion:130 Resp: 29204

Ion Ratio Lower Upper

130 100

95 96.8 0.0 198.4

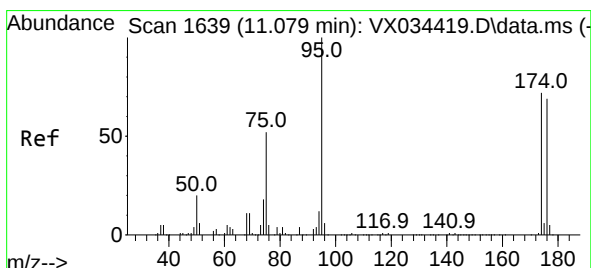
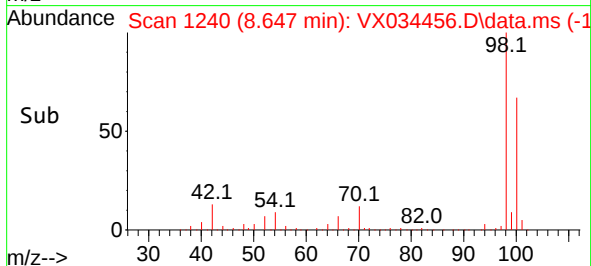
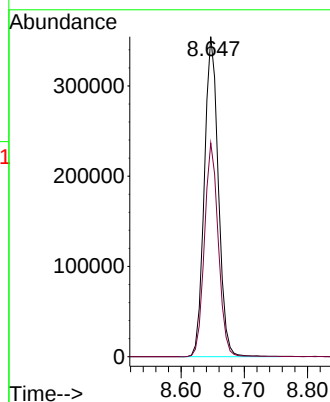
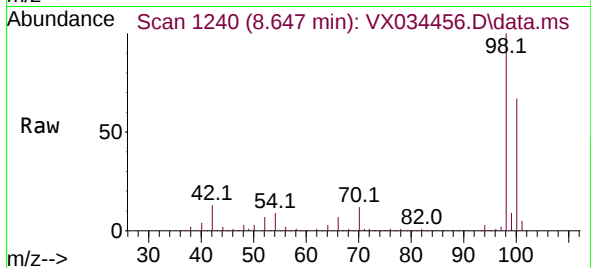




#50
Toluene-d8
Concen: 48.946 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034456.D
Acq: 14 Mar 2023 11:48

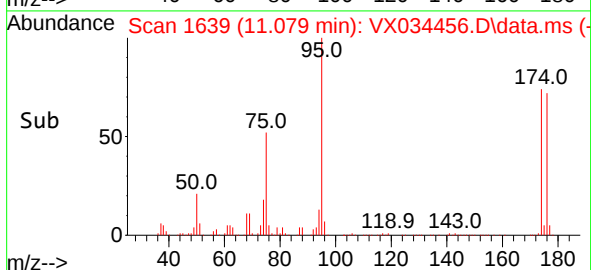
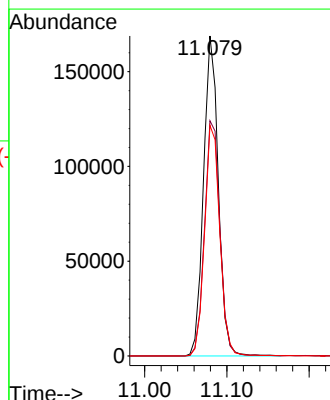
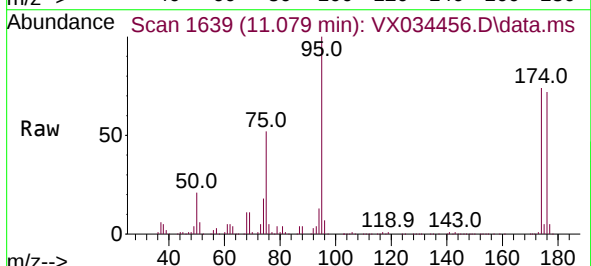
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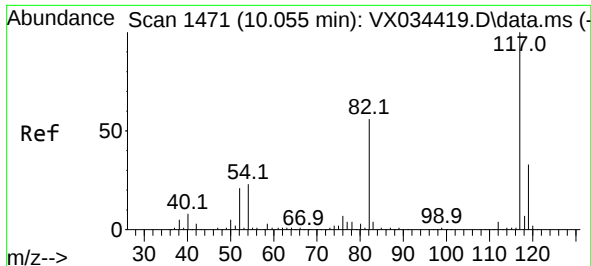
Tgt Ion: 98 Resp: 547494
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034456.D
Acq: 14 Mar 2023 11:48

Tgt Ion: 95 Resp: 211138
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.4
176 74.1 0.0 140.6

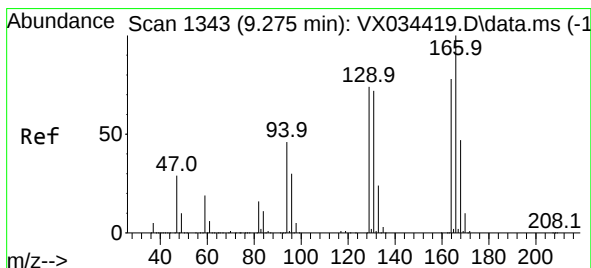
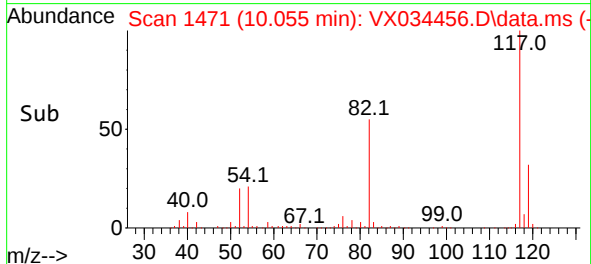
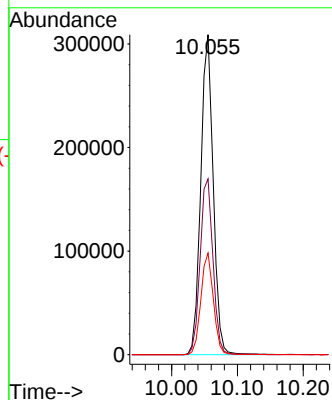
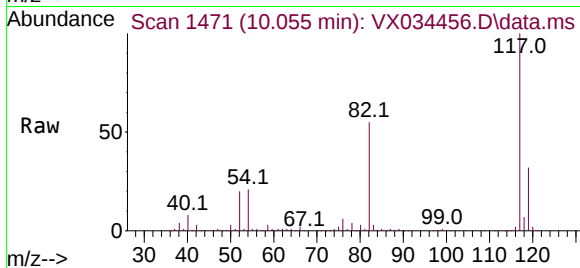




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034456.D
Acq: 14 Mar 2023 11:48

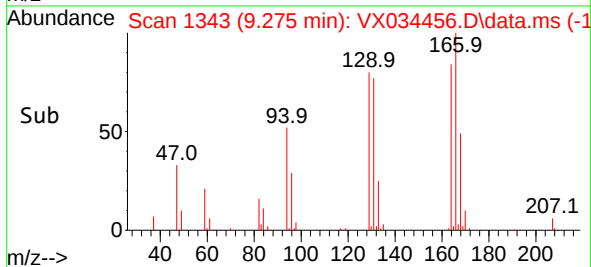
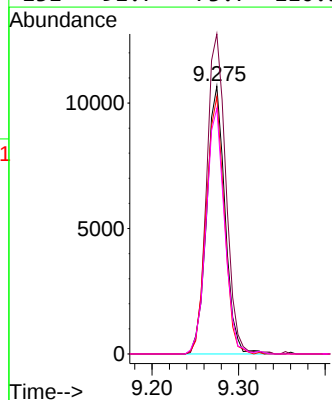
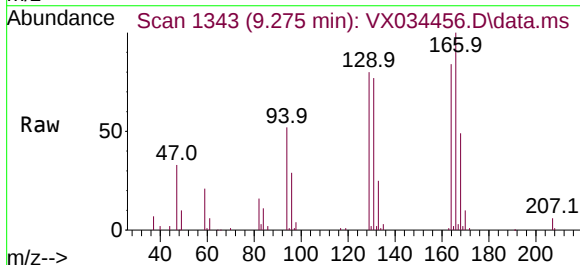
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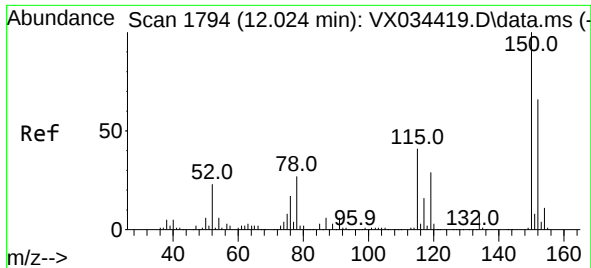
Tgt Ion:117 Resp: 406660
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 5.706 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034456.D
Acq: 14 Mar 2023 11:48

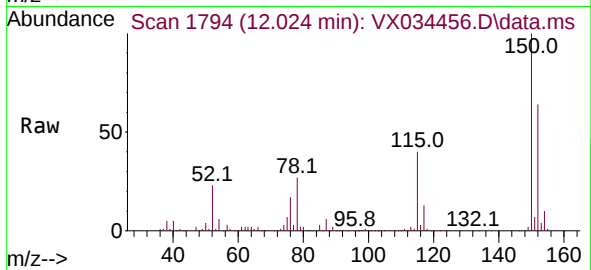
Tgt Ion:164 Resp: 15586
Ion Ratio Lower Upper
164 100
166 119.5 102.7 154.1
129 96.1 75.6 113.4
131 91.7 73.7 110.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034456.D
 Acq: 14 Mar 2023 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20230309DL



Tgt Ion:152 Resp: 203432
 Ion Ratio Lower Upper
 152 100
 115 63.0 45.0 135.0
 150 157.2 0.0 352.4

