

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034483.D
 Acq On : 15 Mar 2023 05:03
 Operator : JC/MD
 Sample : 01903-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20230310

Quant Time: Mar 15 07:00:06 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)

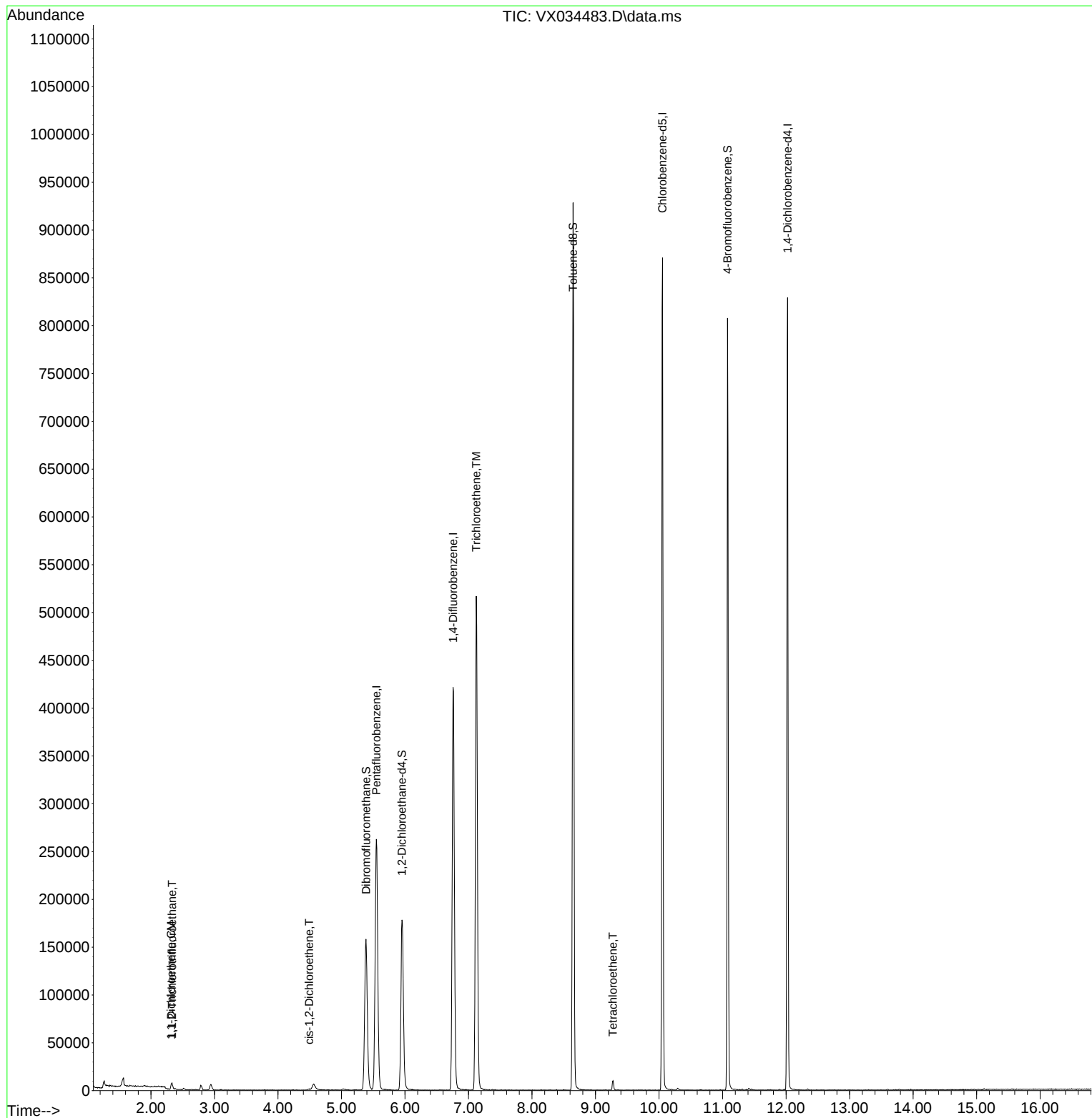
Internal Standards						
1) Pentafluorobenzene	5.549	168	251343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	434431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169350	46.314	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.620%
35) Dibromofluoromethane	5.385	113	137785	48.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.646	98	523241	48.866	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	199090	46.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.060%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.330	101	2408	0.862	ug/l	94
12) 1,1-Dichloroethene	2.318	96	551	0.200	ug/l	84
27) cis-1,2-Dichloroethene	4.489	96	807	0.229	ug/l	82
44) Trichloroethene	7.122	130	193941	57.917	ug/l	95
64) Tetrachloroethene	9.274	164	1705	0.666	ug/l	93

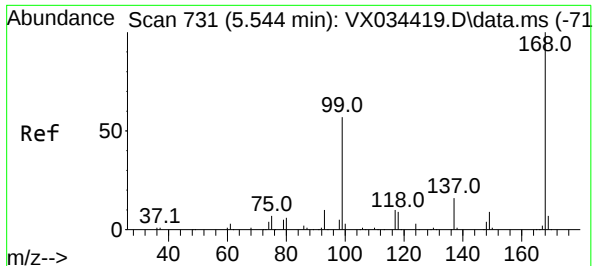
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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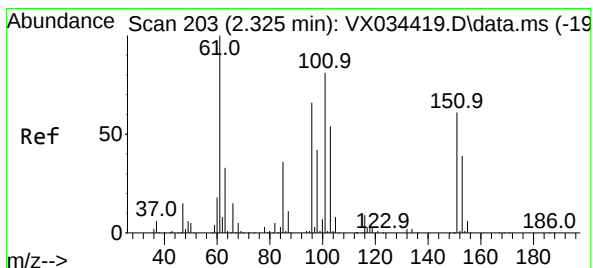
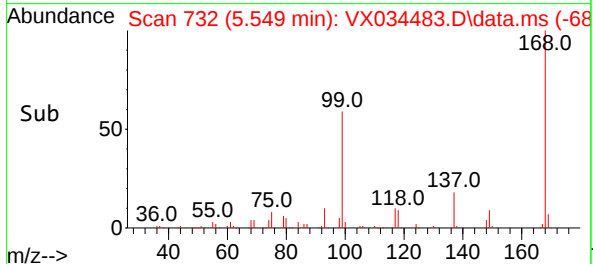
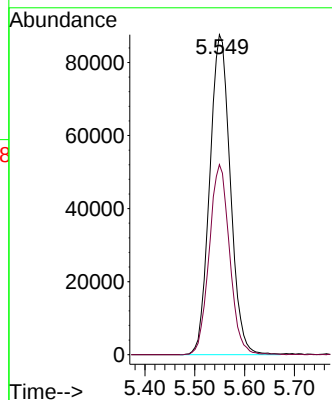
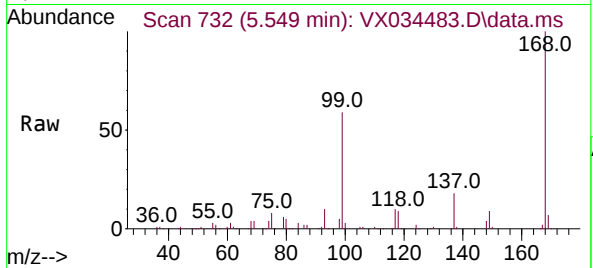




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

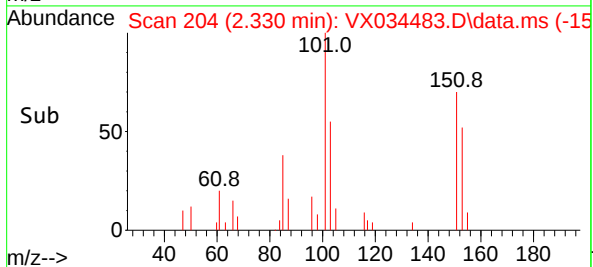
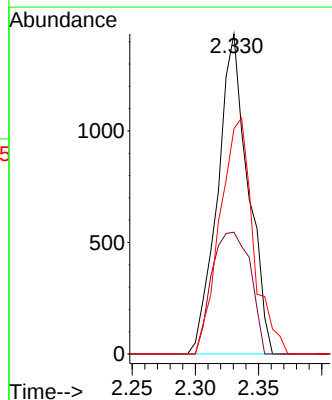
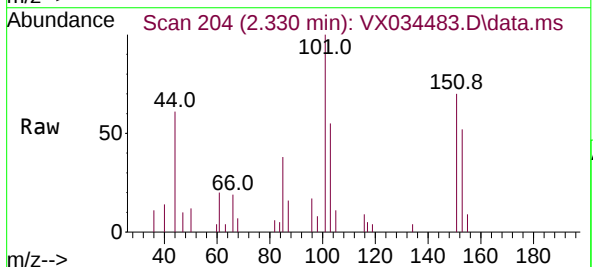
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

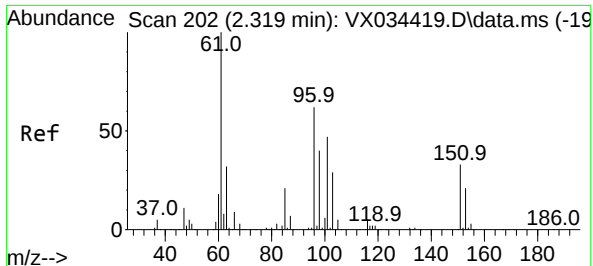
Tgt Ion:168 Resp: 251343
Ion Ratio Lower Upper
168 100
99 59.4 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.862 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion:101 Resp: 2408
Ion Ratio Lower Upper
101 100
85 48.0 35.4 53.2
151 80.4 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.200 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX034483.D

Acq: 15 Mar 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20230310

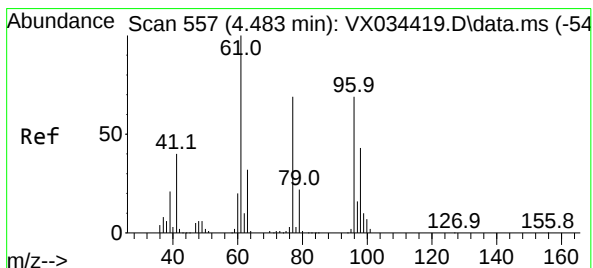
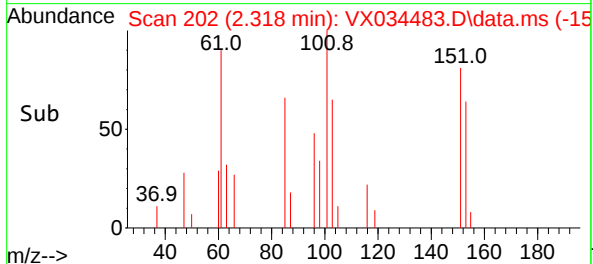
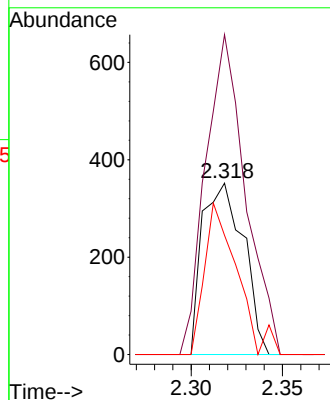
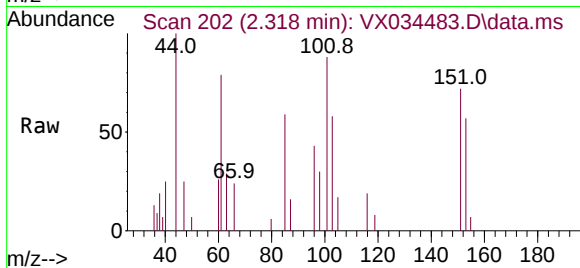
Tgt Ion: 96 Resp: 551

Ion Ratio Lower Upper

96 100

61 186.6 128.8 193.2

98 69.6 51.4 77.0



#27

cis-1,2-Dichloroethene

Concen: 0.229 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034483.D

Acq: 15 Mar 2023 05:03

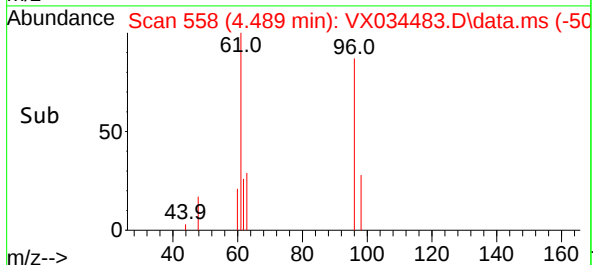
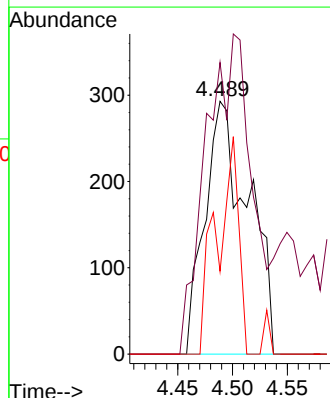
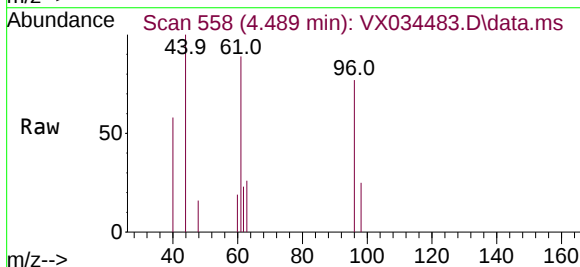
Tgt Ion: 96 Resp: 807

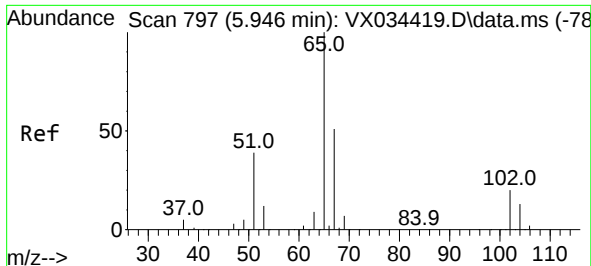
Ion Ratio Lower Upper

96 100

61 132.1 0.0 300.4

98 43.4 0.0 129.0

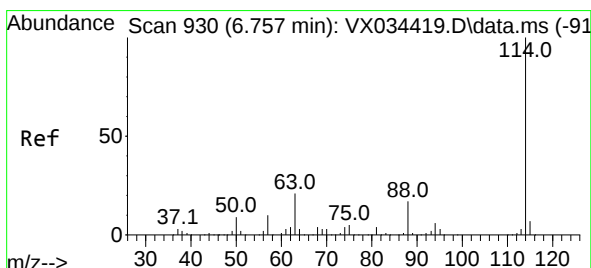
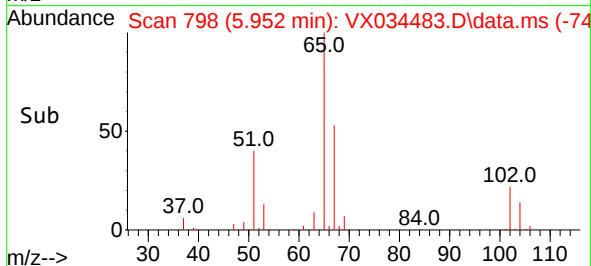
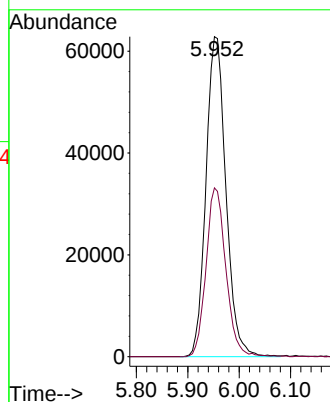
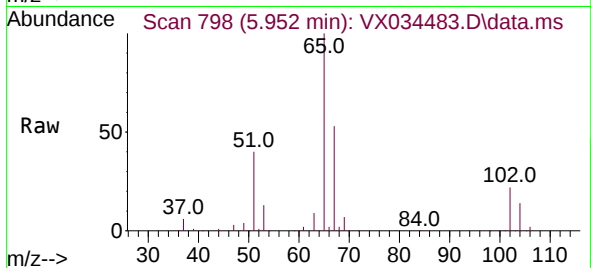




#33
 1,2-Dichloroethane-d4
 Concen: 46.314 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034483.D
 Acq: 15 Mar 2023 05:03

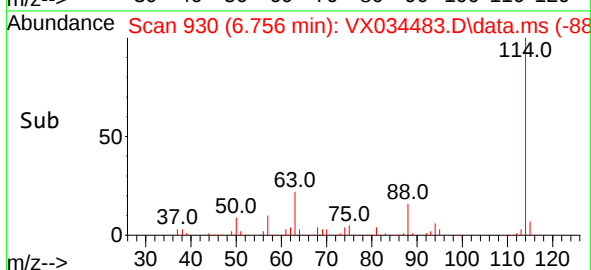
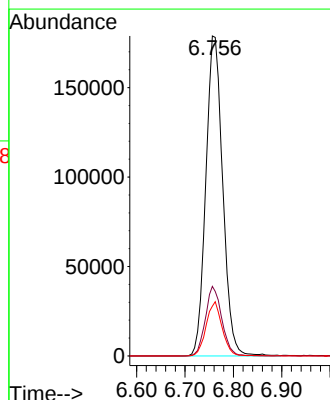
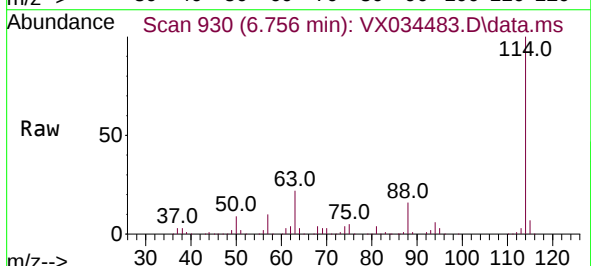
Instrument :
 MSVOA_X
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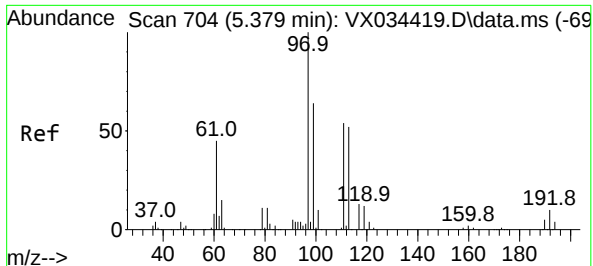
Tgt Ion: 65 Resp: 169350
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.756 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX034483.D
 Acq: 15 Mar 2023 05:03

Tgt Ion: 114 Resp: 434431
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.2
 88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.037 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034483.D

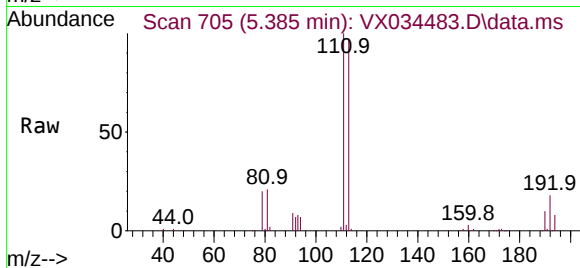
Acq: 15 Mar 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20230310



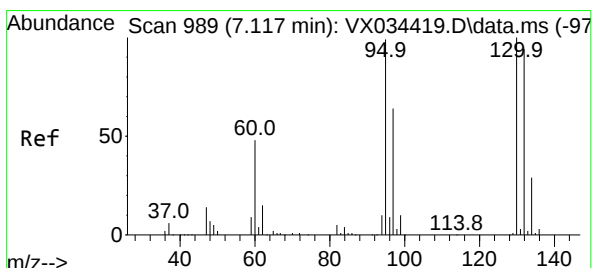
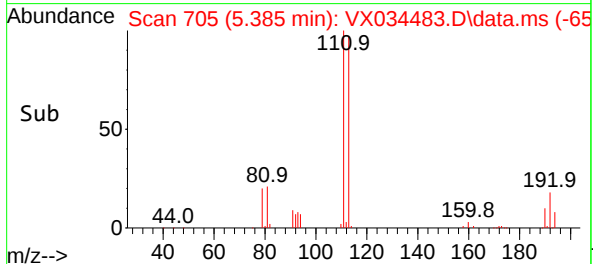
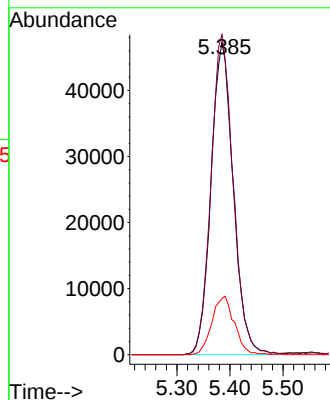
Tgt Ion:113 Resp: 137785

Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 18.8 15.4 23.2



#44

Trichloroethene

Concen: 57.917 ug/l

RT: 7.122 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034483.D

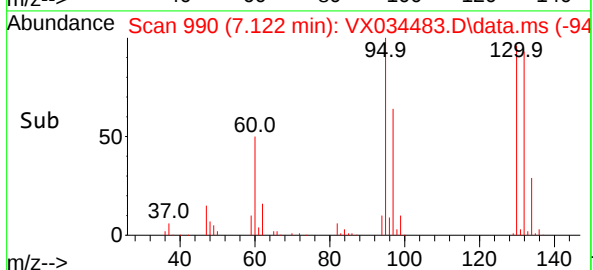
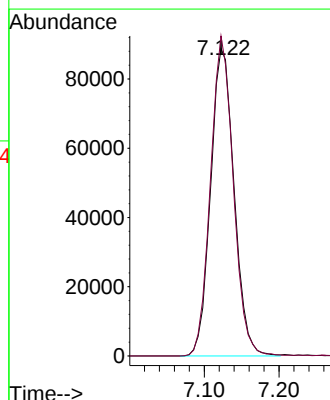
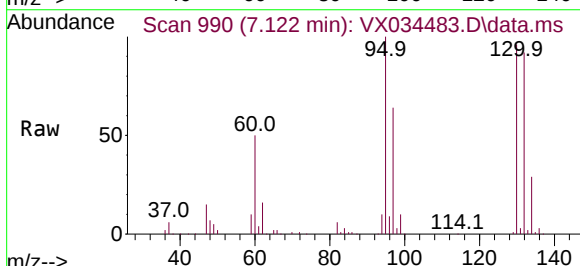
Acq: 15 Mar 2023 05:03

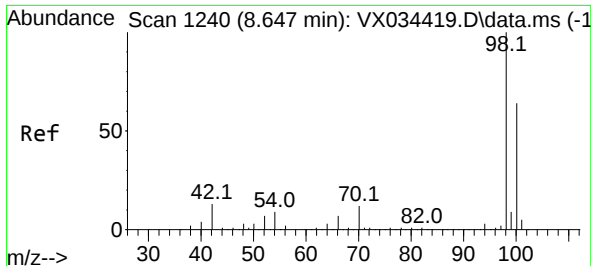
Tgt Ion:130 Resp: 193941

Ion Ratio Lower Upper

130 100

95 104.1 0.0 198.4

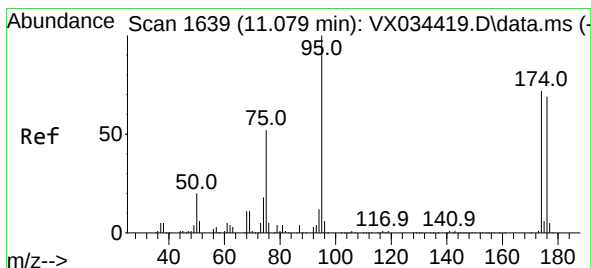
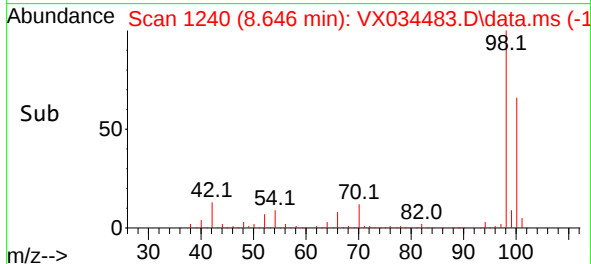
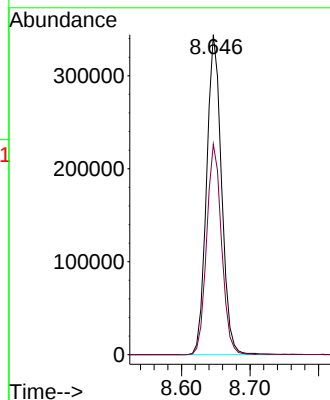
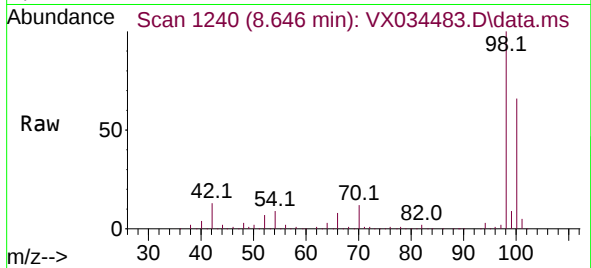




#50
Toluene-d8
Concen: 48.866 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

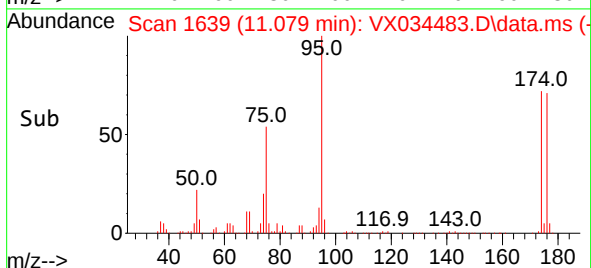
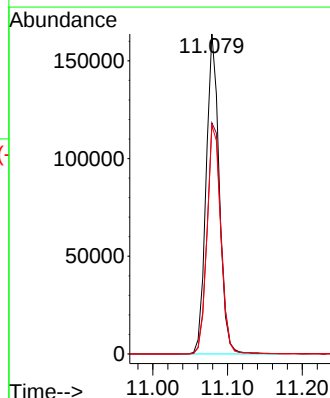
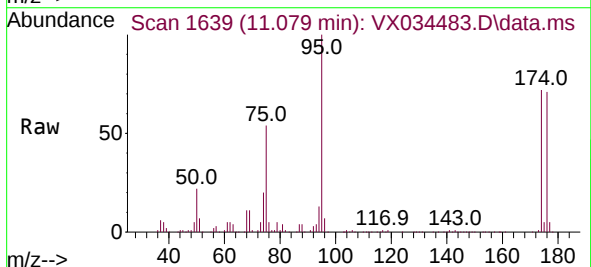
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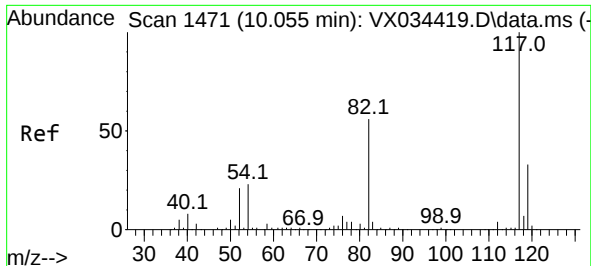
Tgt Ion: 98 Resp: 523241
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion: 95 Resp: 199090
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.4
176 74.6 0.0 140.6

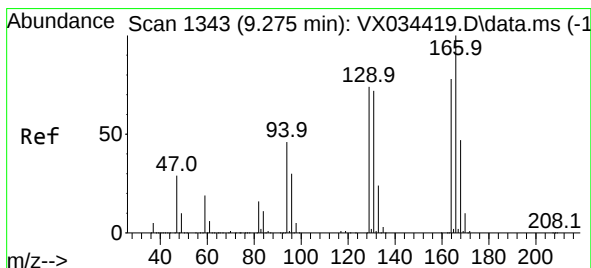
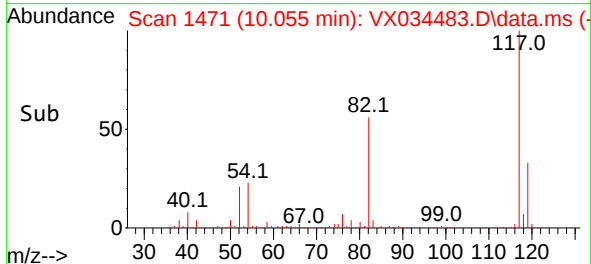
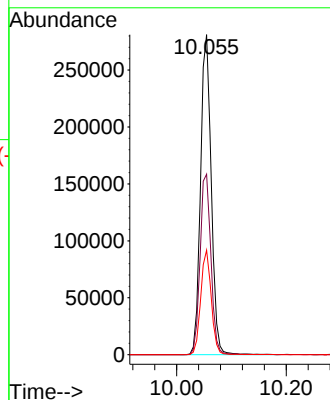
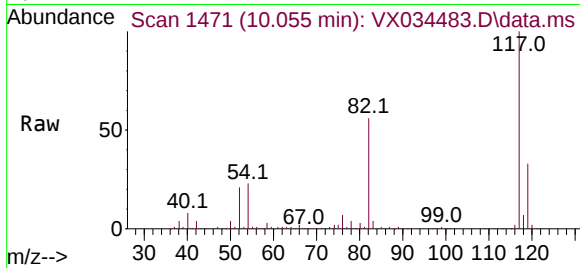




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

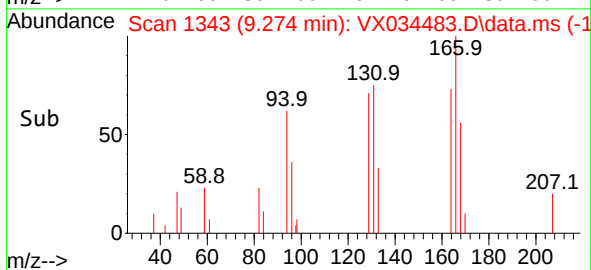
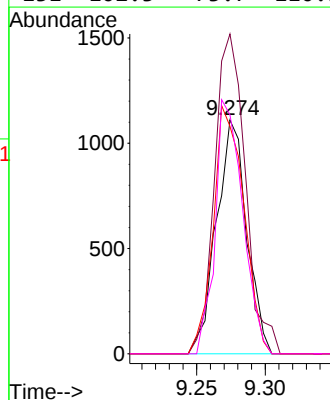
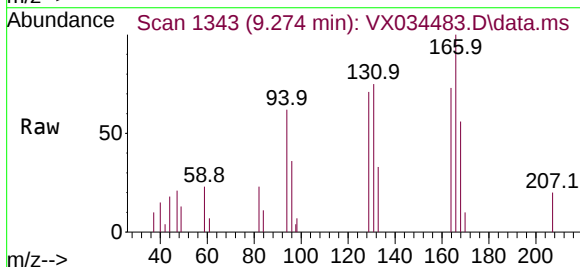
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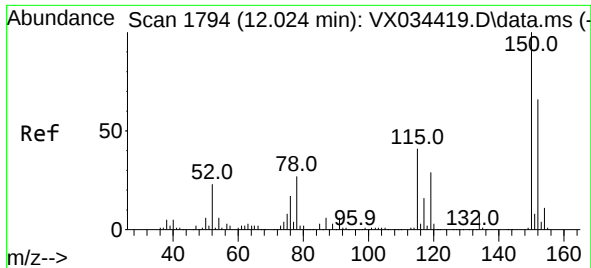
Tgt Ion:117 Resp: 381376
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.6 26.0 39.0



#64
Tetrachloroethene
Concen: 0.666 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion:164 Resp: 1705
Ion Ratio Lower Upper
164 100
166 136.8 102.7 154.1
129 97.4 75.6 113.4
131 102.3 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: VX034483.D

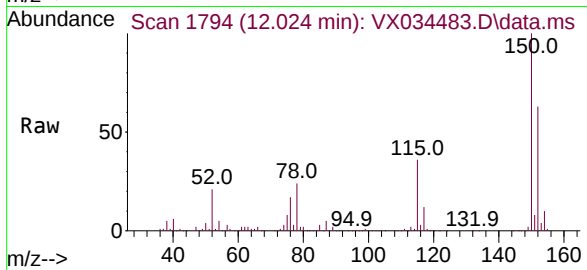
Acq: 15 Mar 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20230310



Tgt Ion:152 Resp: 169088

Ion Ratio Lower Upper

152 100

115 59.3 45.0 135.0

150 157.6 0.0 352.4

