

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034489.D
 Acq On : 15 Mar 2023 07:24
 Operator : JC/MD
 Sample : 01903-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20230310

Quant Time: Mar 15 08:27:35 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)

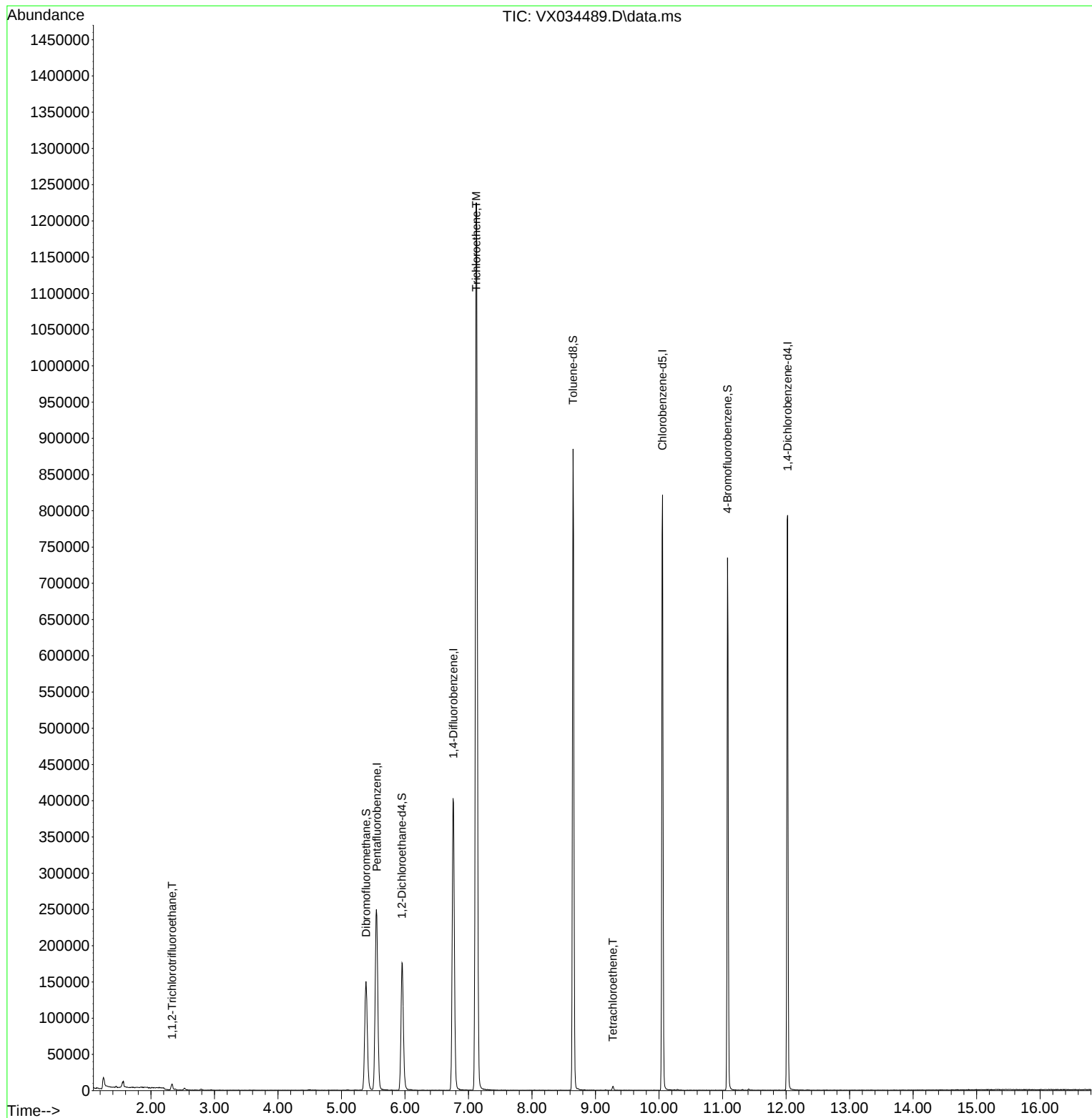
Internal Standards						
1) Pentafluorobenzene	5.556	168	242352	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	410944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161521	45.812	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.620%
35) Dibromofluoromethane	5.385	113	130557	48.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	8.647	98	496532	49.022	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.040%
62) 4-Bromofluorobenzene	11.079	95	188197	46.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3008	1.117	ug/l #	91
44) Trichloroethene	7.123	130	469947	148.362	ug/l	98
64) Tetrachloroethene	9.275	164	897	0.367	ug/l #	83

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

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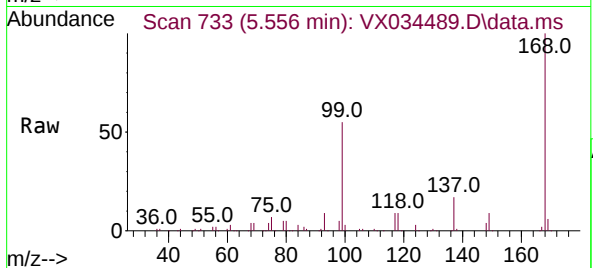
Quant Time: Mar 15 08:27:35 2023
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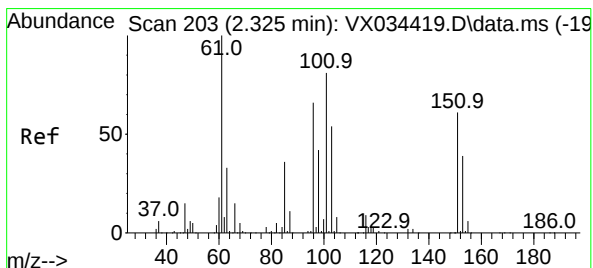
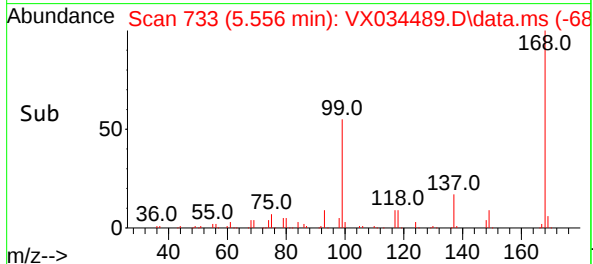
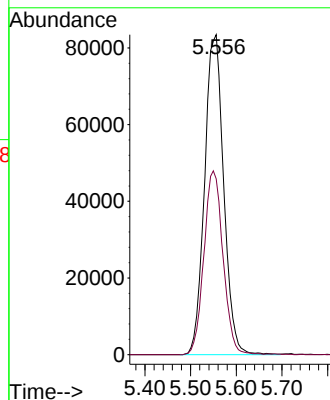


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034489.D
Acq: 15 Mar 2023 07:24

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20230310

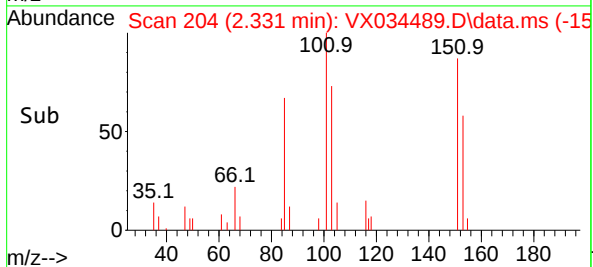
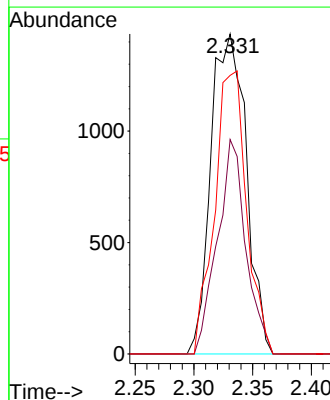
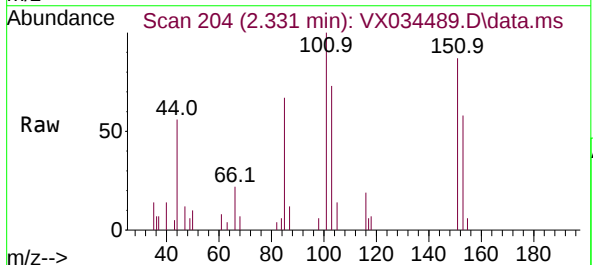


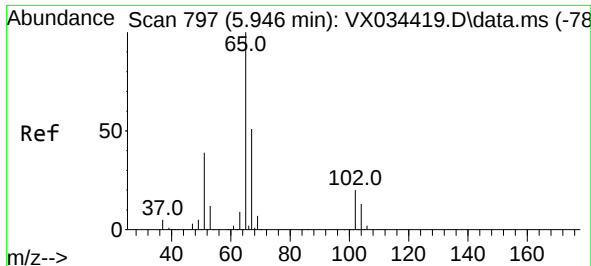
Tgt Ion:168 Resp: 242352
Ion Ratio Lower Upper
168 100
99 54.9 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.117 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034489.D
Acq: 15 Mar 2023 07:24

Tgt Ion:101 Resp: 3008
Ion Ratio Lower Upper
101 100
85 54.1 35.4 53.2#
151 80.1 60.2 90.4





#33

1,2-Dichloroethane-d4

Concen: 45.812 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034489.D

Acq: 15 Mar 2023 07:24

Instrument :

MSVOA_X

ClientSampleId :

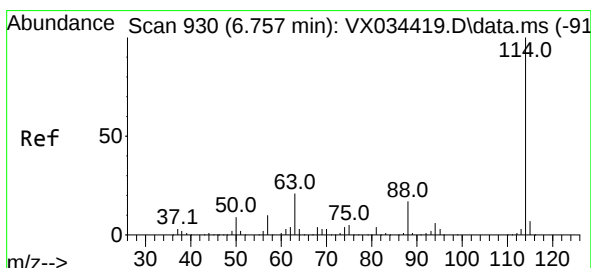
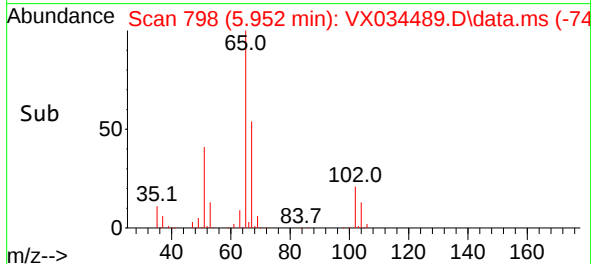
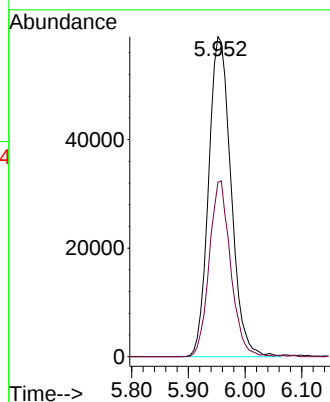
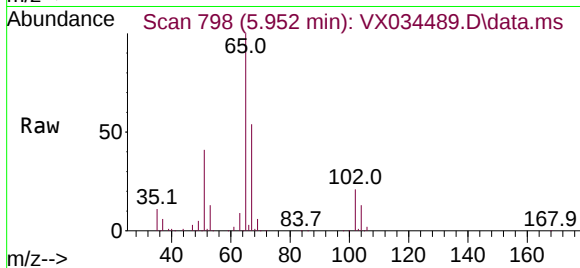
RE103D3-20230310

Tgt Ion: 65 Resp: 161521

Ion Ratio Lower Upper

65 100

67 52.4 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: VX034489.D

Acq: 15 Mar 2023 07:24

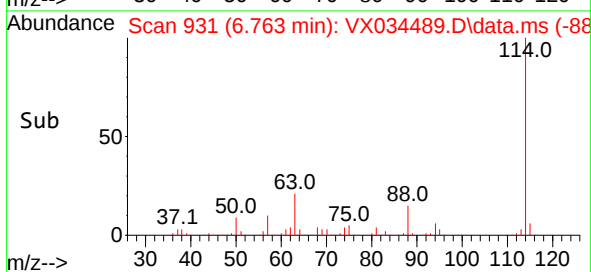
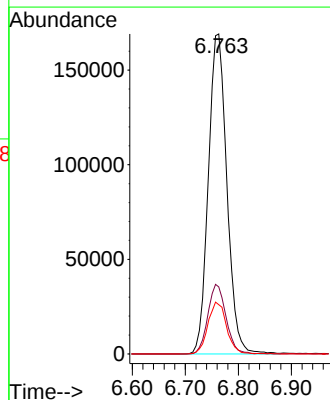
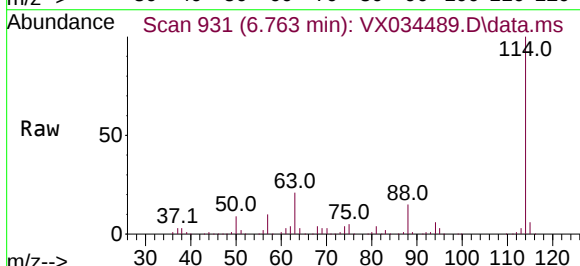
Tgt Ion: 114 Resp: 410944

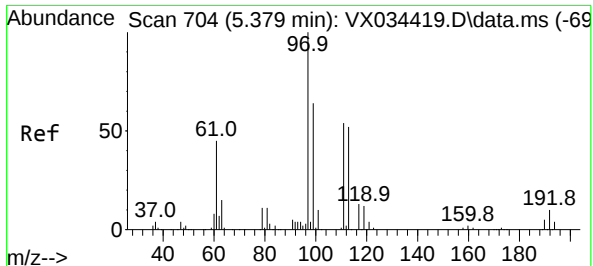
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.118 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034489.D

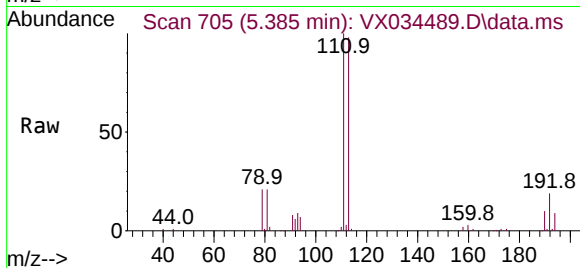
Acq: 15 Mar 2023 07:24

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20230310



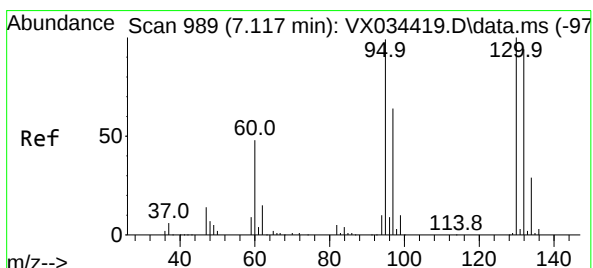
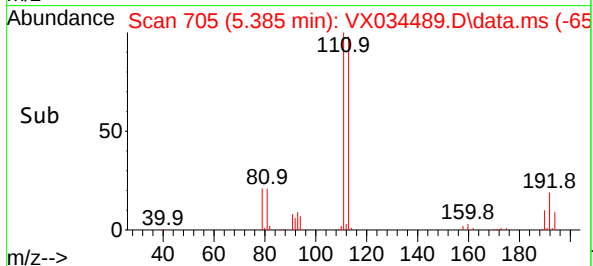
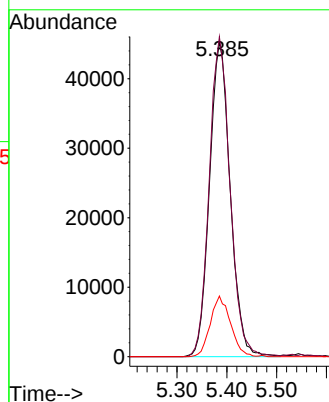
Tgt Ion:113 Resp: 130557

Ion Ratio Lower Upper

113 100

111 102.4 83.7 125.5

192 18.8 15.4 23.2



#44

Trichloroethene

Concen: 148.362 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034489.D

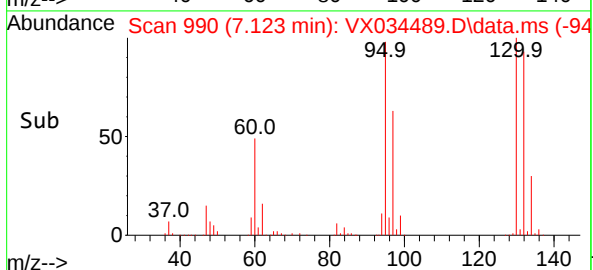
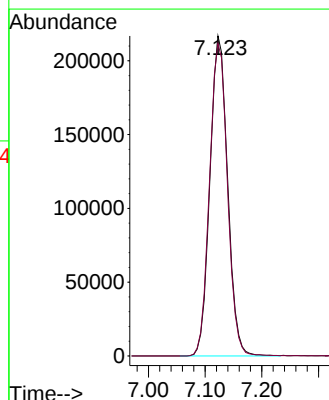
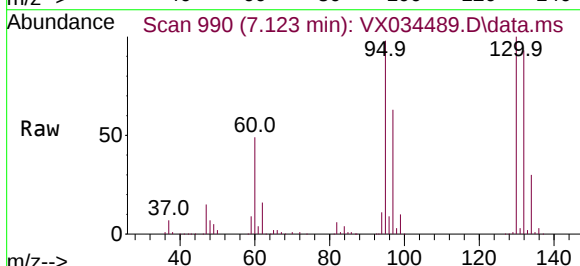
Acq: 15 Mar 2023 07:24

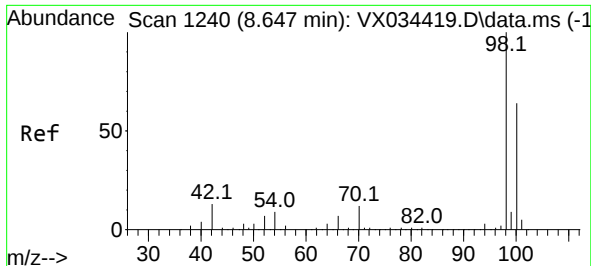
Tgt Ion:130 Resp: 469947

Ion Ratio Lower Upper

130 100

95 97.7 0.0 198.4

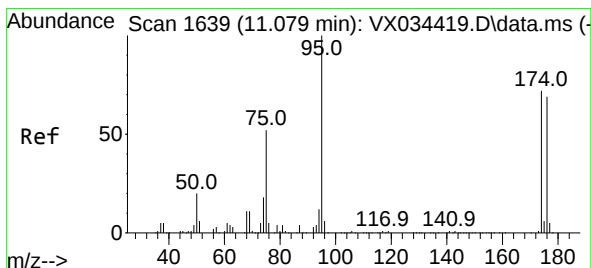
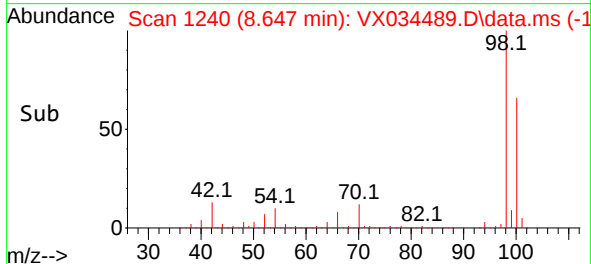
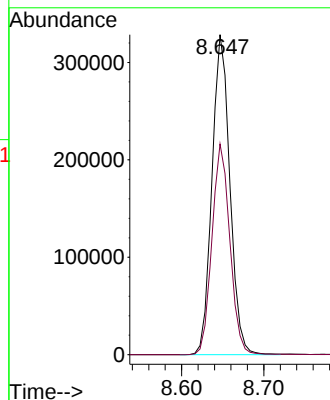
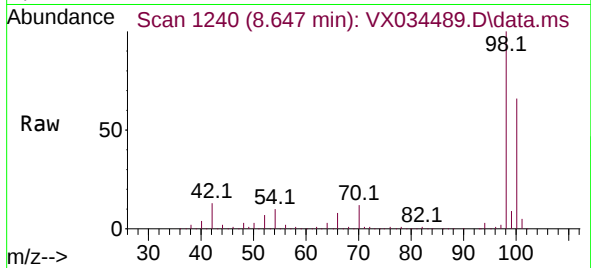




#50
Toluene-d8
Concen: 49.022 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034489.D
Acq: 15 Mar 2023 07:24

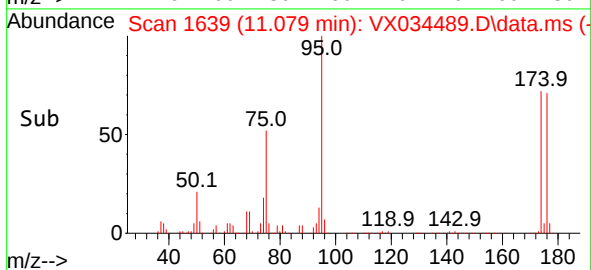
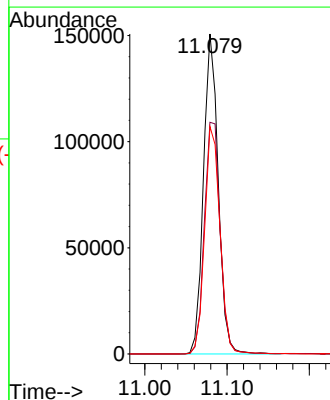
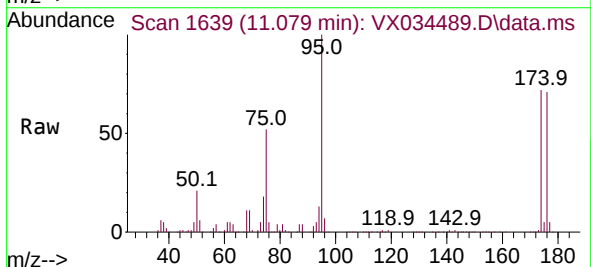
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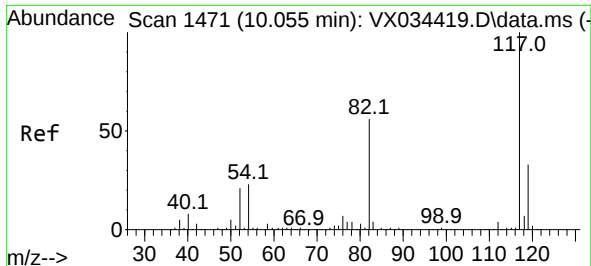
Tgt Ion: 98 Resp: 496532
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034489.D
Acq: 15 Mar 2023 07:24

Tgt Ion: 95 Resp: 188197
Ion Ratio Lower Upper
95 100
174 77.5 0.0 147.4
176 74.1 0.0 140.6

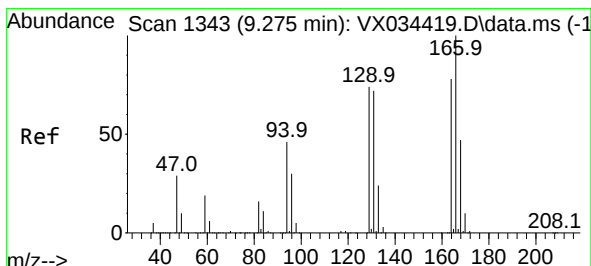
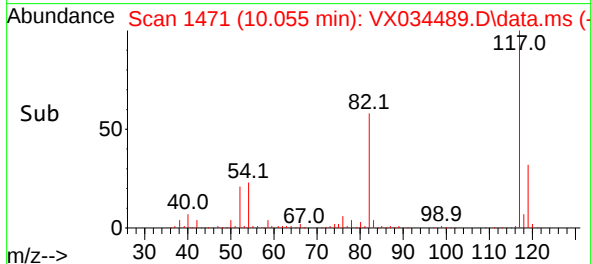
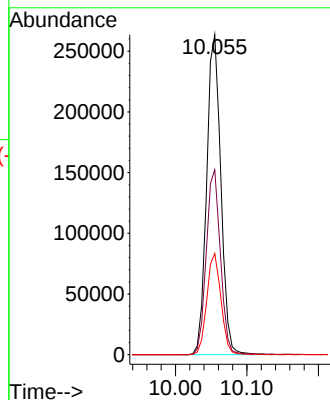
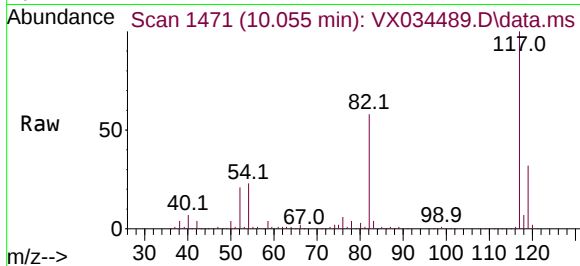




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034489.D
Acq: 15 Mar 2023 07:24

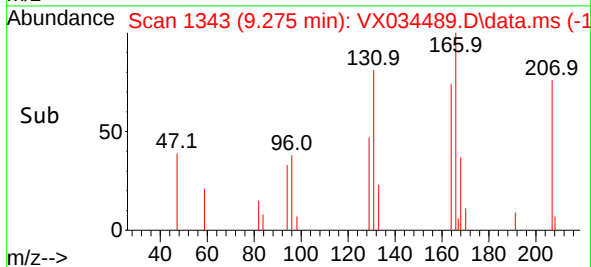
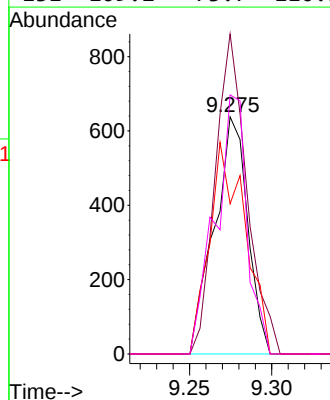
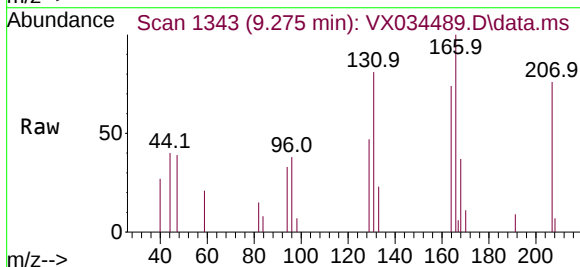
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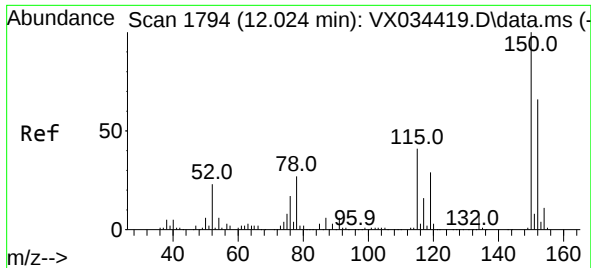
Tgt Ion:117 Resp: 364137
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 31.6 26.0 39.0



#64
Tetrachloroethene
Concen: 0.367 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034489.D
Acq: 15 Mar 2023 07:24

Tgt Ion:164 Resp: 897
Ion Ratio Lower Upper
164 100
166 135.0 102.7 154.1
129 63.3 75.6 113.4#
131 109.2 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: VX034489.D

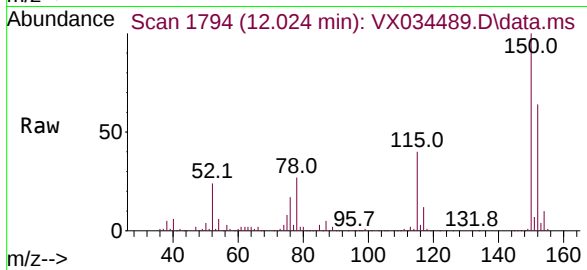
Acq: 15 Mar 2023 07:24

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20230310



Tgt Ion:152 Resp: 164284

Ion Ratio Lower Upper

152 100

115 61.8 45.0 135.0

150 155.3 0.0 352.4

