

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034517.D
 Acq On : 15 Mar 2023 18:43
 Operator : JC/MD
 Sample : 01880-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20230310

Quant Time: Mar 16 05:22:54 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)

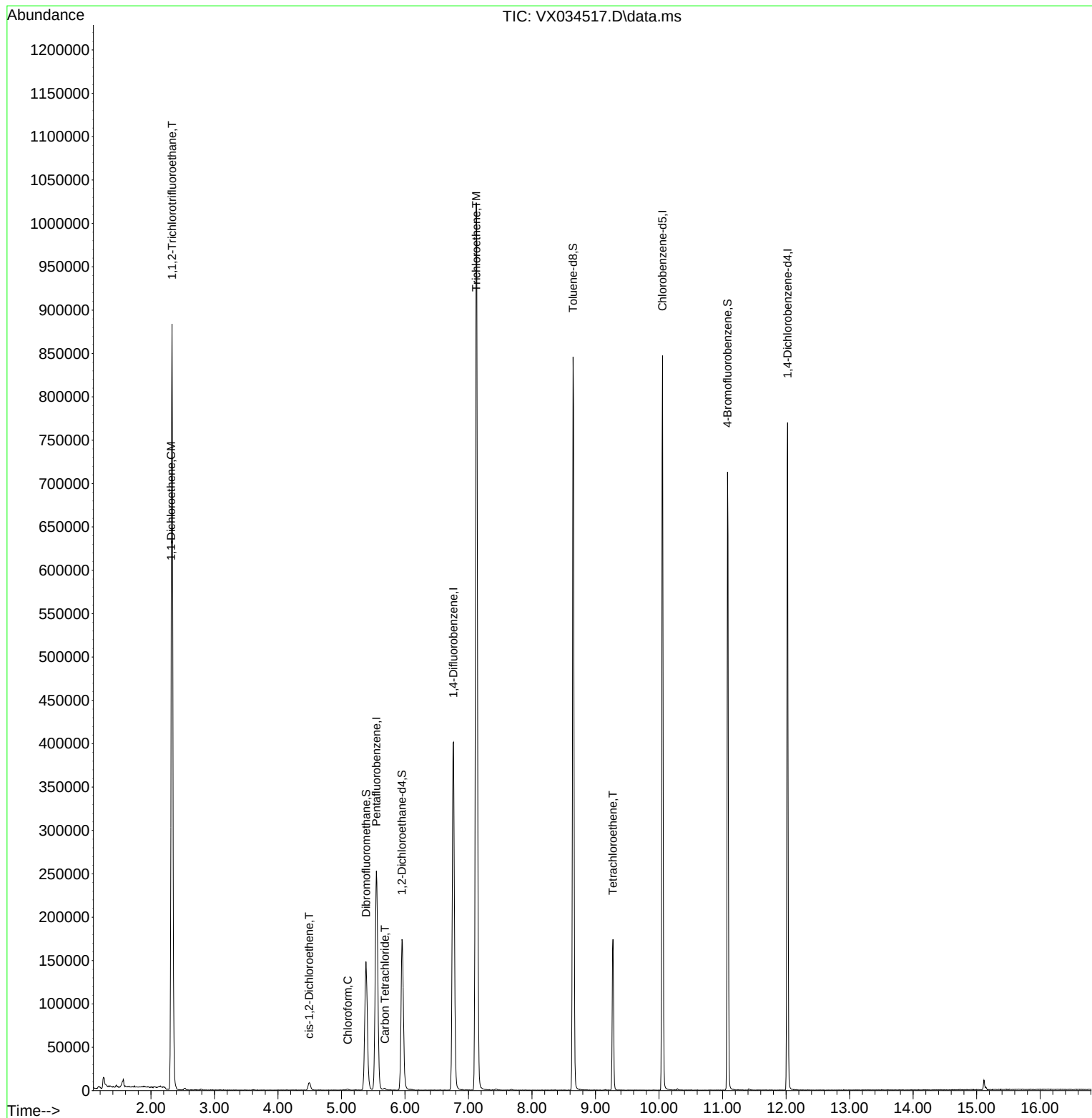
Internal Standards						
1) Pentafluorobenzene	5.549	168	239988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159895	45.798	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.600%		
35) Dibromofluoromethane	5.385	113	127424	47.137	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.280%		
50) Toluene-d8	8.646	98	493799	48.932	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.079	95	184044	45.151	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.300%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.330	101	341187	127.898	ug/l	99
12) 1,1-Dichloroethene	2.318	96	3242	1.234	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	5821	1.733	ug/l	87
30) Chloroform	5.098	83	1591	0.297	ug/l	85
38) Carbon Tetrachloride	5.684	117	1383	0.335	ug/l	97
44) Trichloroethene	7.122	130	388938	123.240	ug/l	99
64) Tetrachloroethene	9.274	164	32516	13.408	ug/l	93

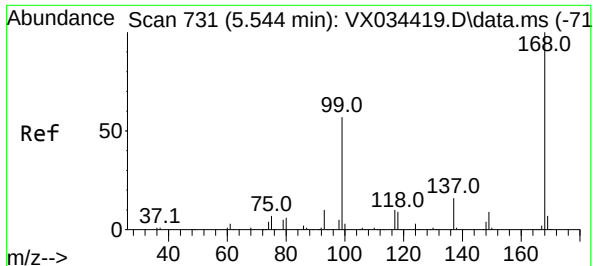
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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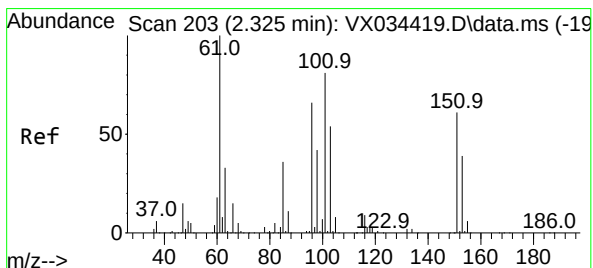
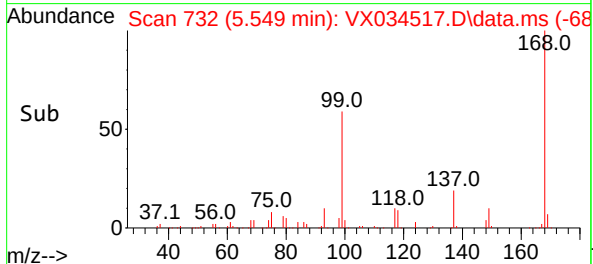
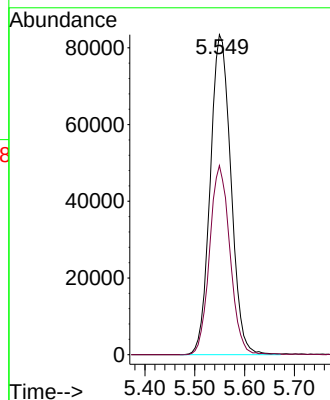
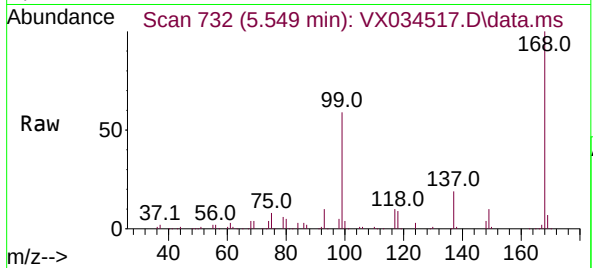




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

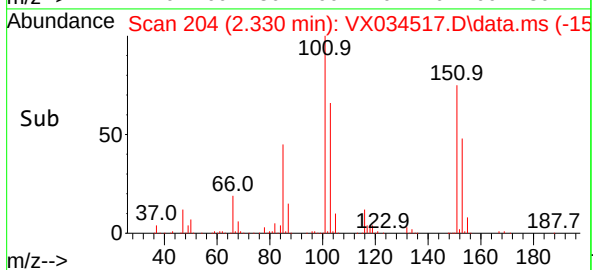
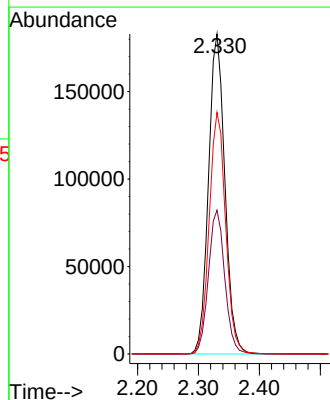
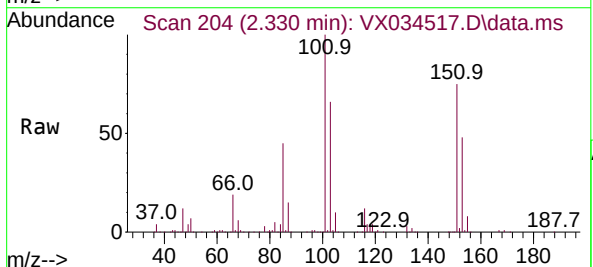
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230310

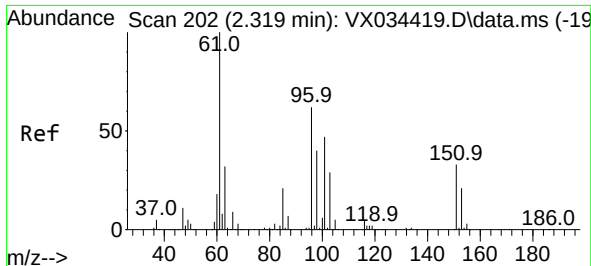
Tgt Ion:168 Resp: 239988
Ion Ratio Lower Upper
168 100
99 59.1 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 127.898 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

Tgt Ion:101 Resp: 341187
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.2
151 76.0 60.2 90.4

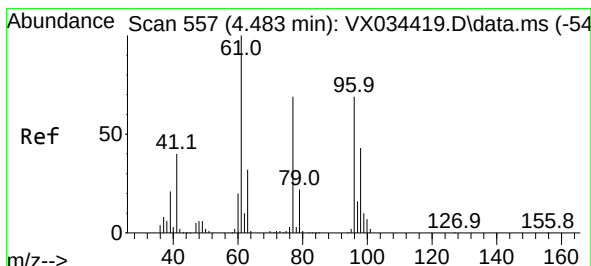
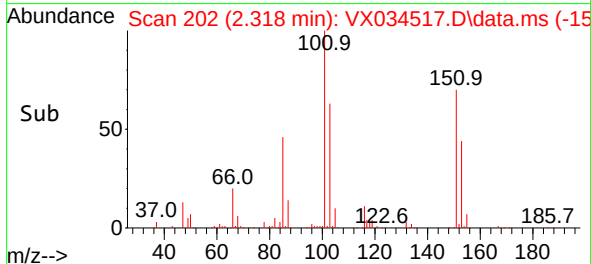
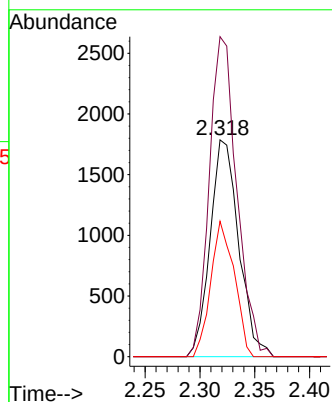
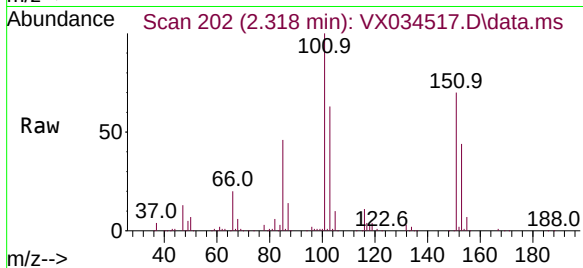




#12
1,1-Dichloroethene
Concen: 1.234 ug/l
RT: 2.318 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

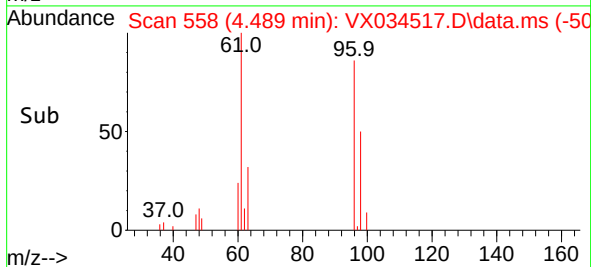
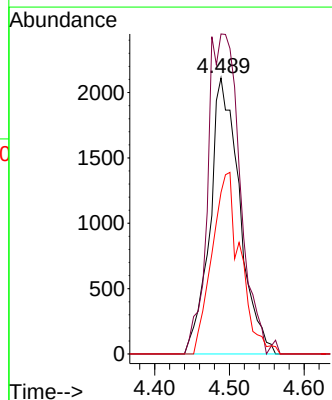
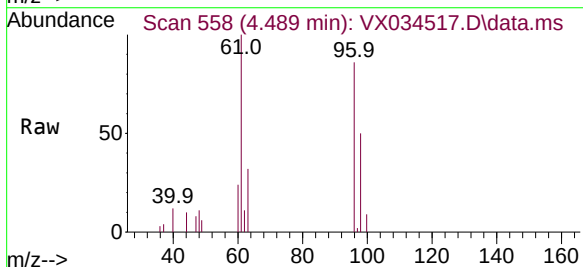
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230310

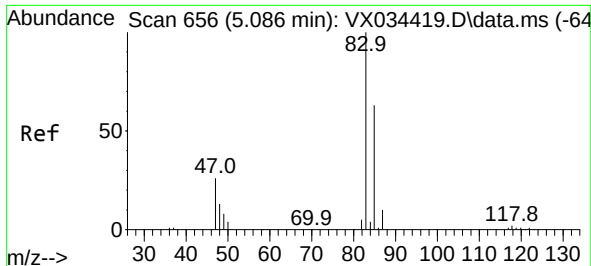
Tgt Ion: 96 Resp: 3242
Ion Ratio Lower Upper
96 100
61 147.6 128.8 193.2
98 62.5 51.4 77.0



#27
cis-1,2-Dichloroethene
Concen: 1.733 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

Tgt Ion: 96 Resp: 5821
Ion Ratio Lower Upper
96 100
61 126.4 0.0 300.4
98 63.5 0.0 129.0





#30

Chloroform

Concen: 0.297 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX034517.D

Acq: 15 Mar 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

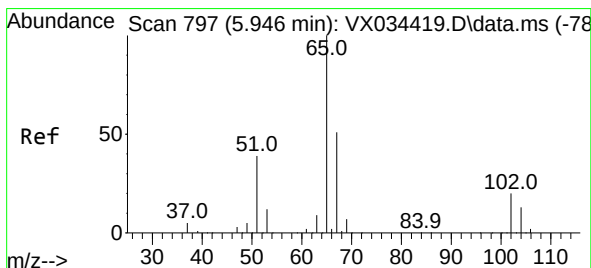
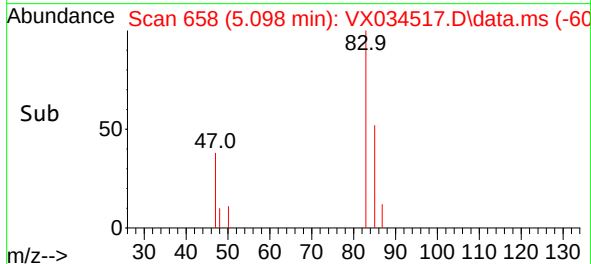
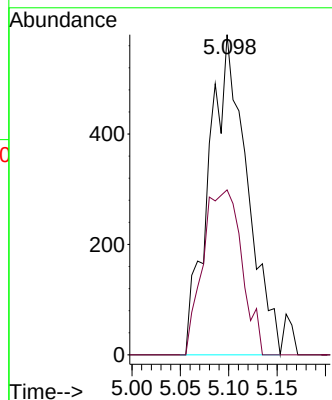
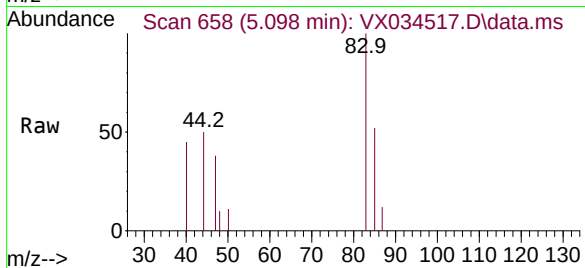
RE125D3-20230310

Tgt Ion: 83 Resp: 1591

Ion Ratio Lower Upper

83 100

85 51.6 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 45.798 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034517.D

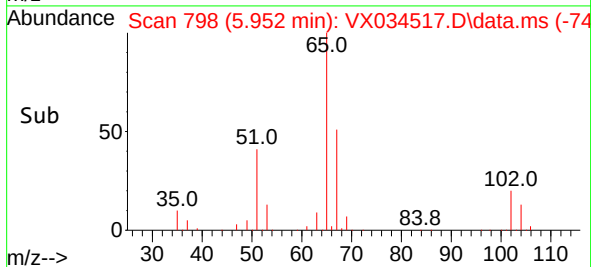
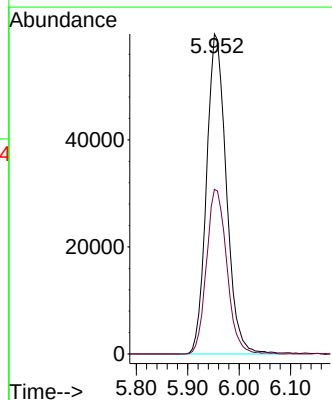
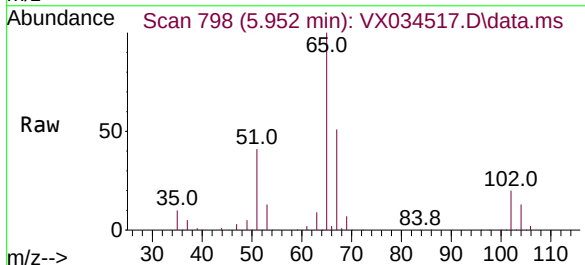
Acq: 15 Mar 2023 18:43

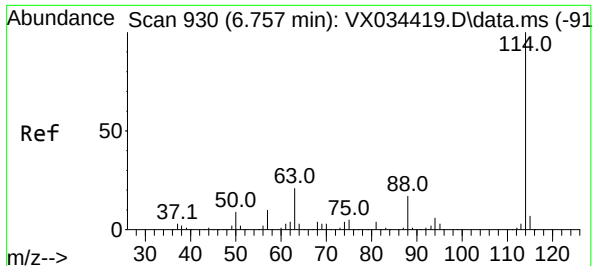
Tgt Ion: 65 Resp: 159895

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034517.D

Acq: 15 Mar 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20230310

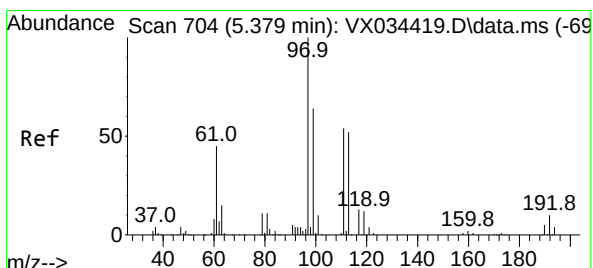
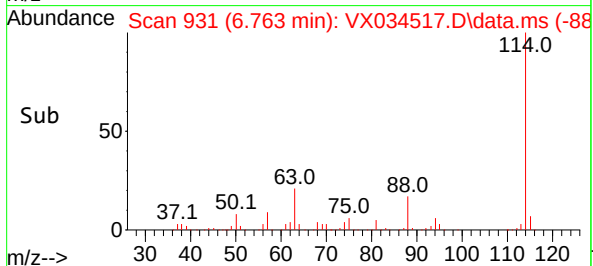
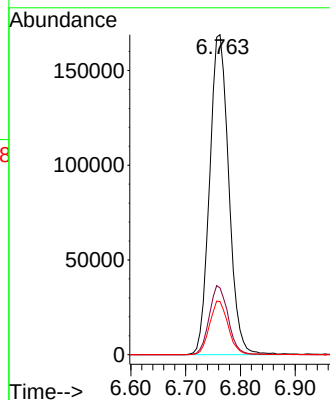
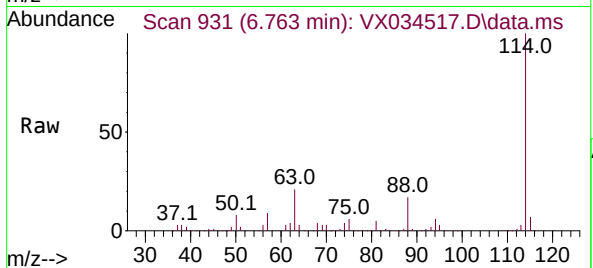
Tgt Ion:114 Resp: 409436

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.137 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034517.D

Acq: 15 Mar 2023 18:43

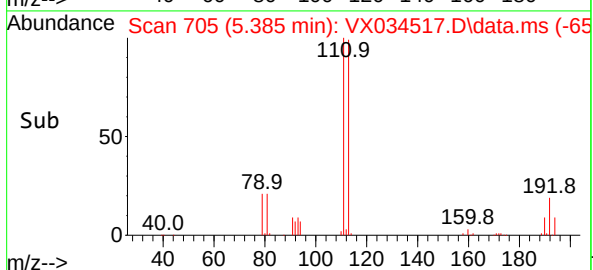
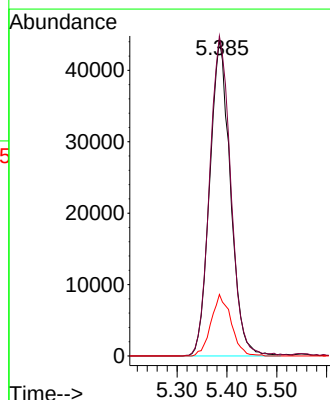
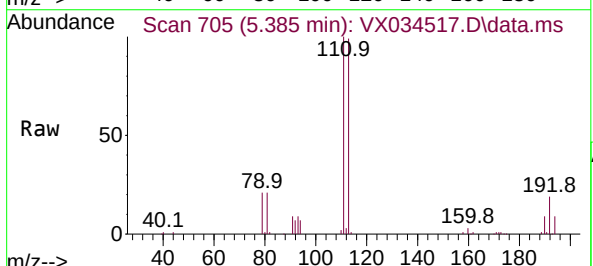
Tgt Ion:113 Resp: 127424

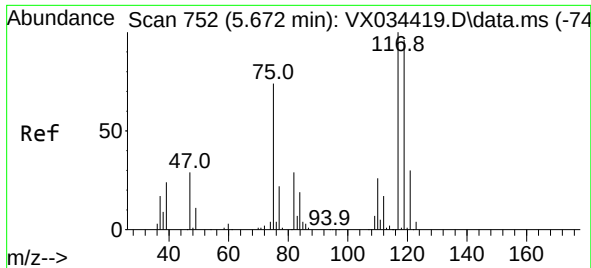
Ion Ratio Lower Upper

113 100

111 103.7 83.7 125.5

192 18.9 15.4 23.2

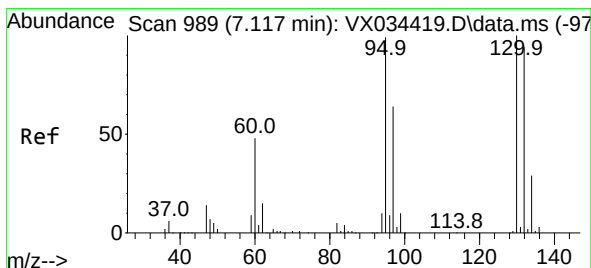
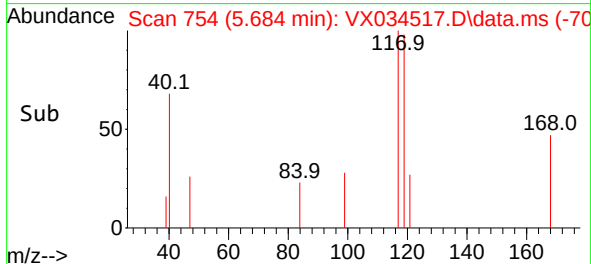
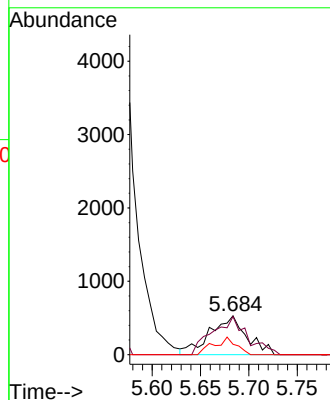
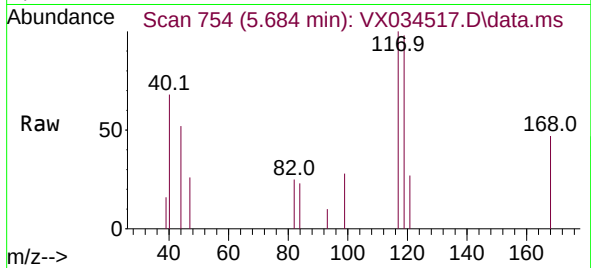




#38
Carbon Tetrachloride
Concen: 0.335 ug/l
RT: 5.684 min Scan# 752
Delta R.T. 0.012 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

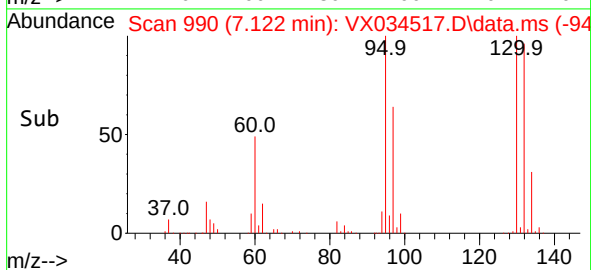
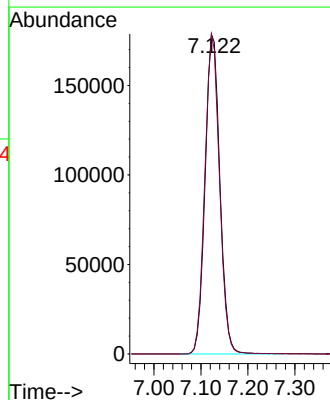
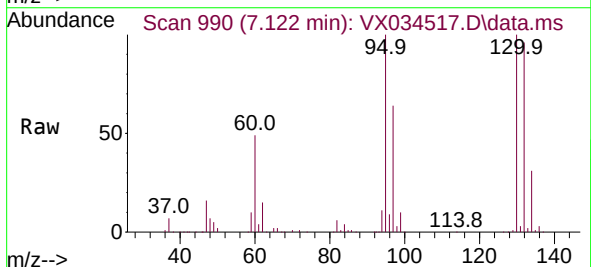
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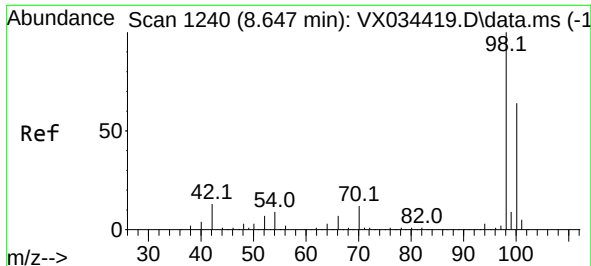
Tgt Ion:117 Resp: 1383
Ion Ratio Lower Upper
117 100
119 97.9 76.6 114.8
121 26.7 23.8 35.6



#44
Trichloroethene
Concen: 123.240 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

Tgt Ion:130 Resp: 388938
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.4

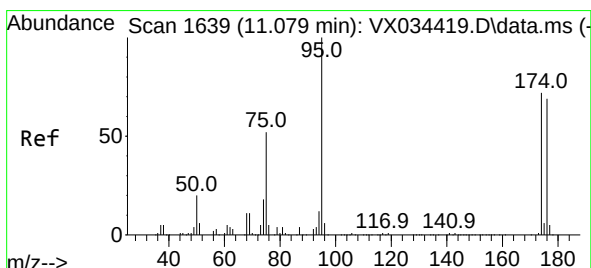
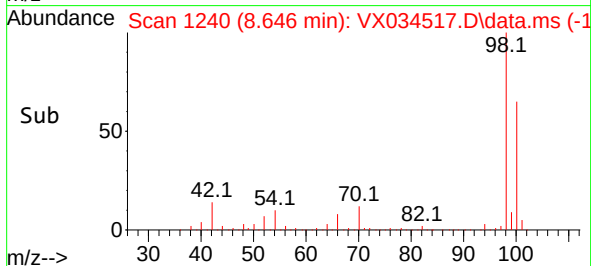
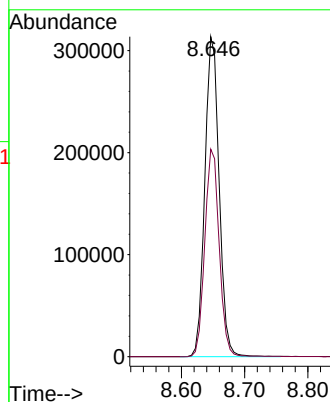
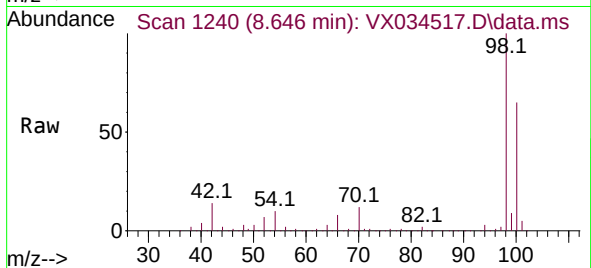




#50
Toluene-d8
Concen: 48.932 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

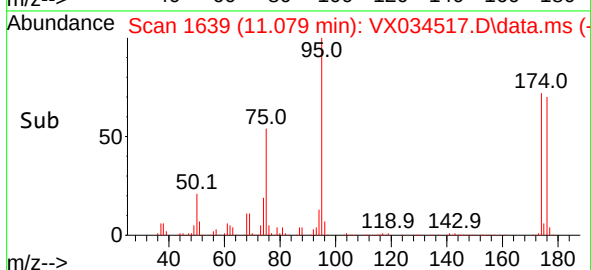
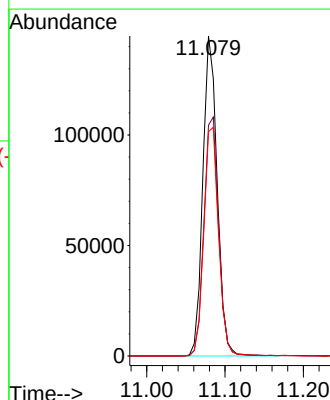
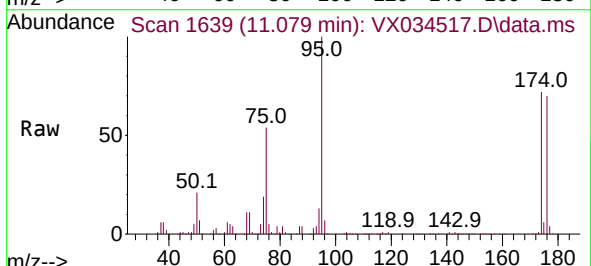
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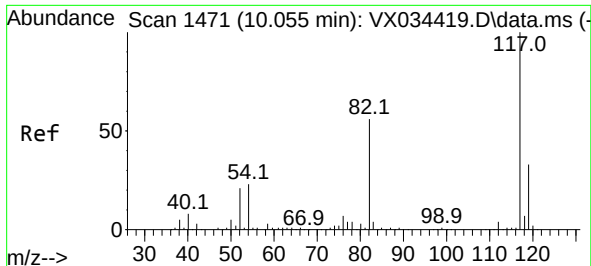
Tgt Ion: 98 Resp: 493799
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

Tgt Ion: 95 Resp: 184044
Ion Ratio Lower Upper
95 100
174 77.0 0.0 147.4
176 73.5 0.0 140.6

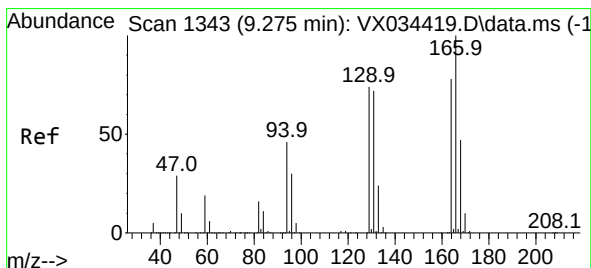
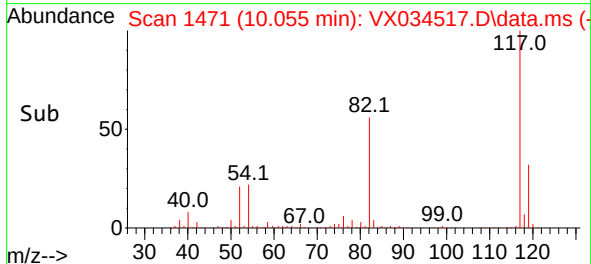
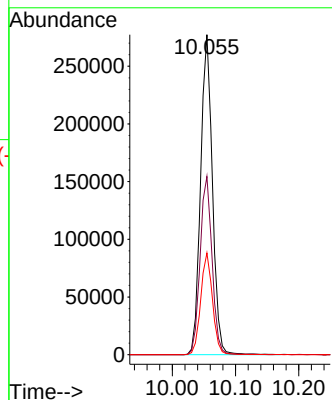
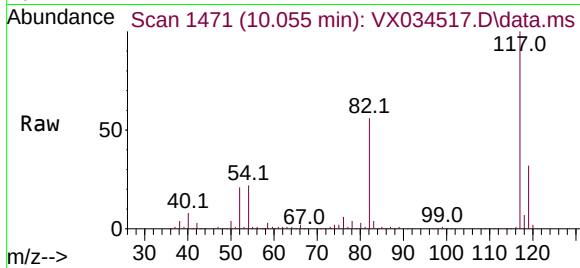




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

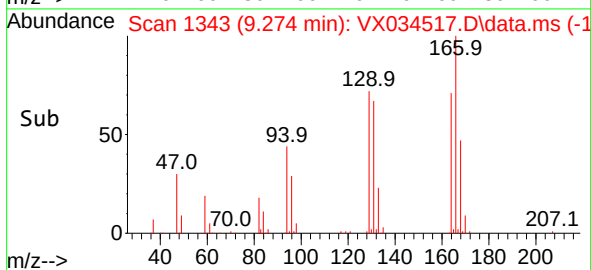
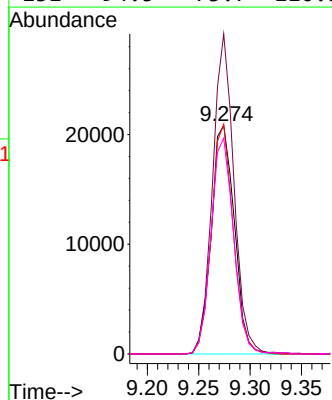
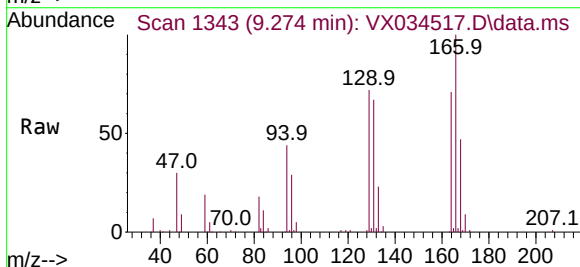
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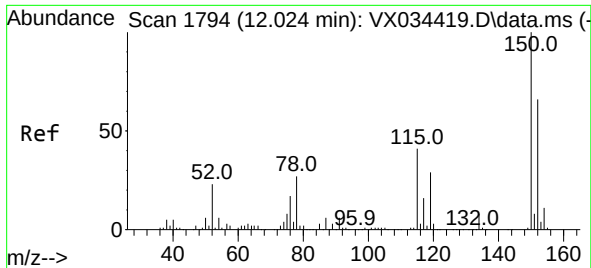
Tgt Ion:117 Resp: 361029
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 13.408 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034517.D
Acq: 15 Mar 2023 18:43

Tgt Ion:164 Resp: 32516
Ion Ratio Lower Upper
164 100
166 140.1 102.7 154.1
129 100.5 75.6 113.4
131 94.5 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: VX034517.D

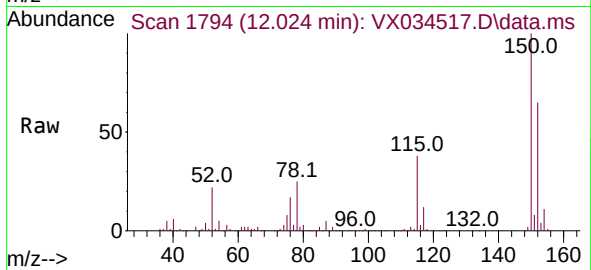
Acq: 15 Mar 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20230310



Tgt Ion:152 Resp: 152824

Ion Ratio Lower Upper

152 100

115 60.8 45.0 135.0

150 158.5 0.0 352.4

