

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032950.D
 Acq On : 21 Nov 2022 14:23
 Operator : JC/MD
 Sample : N5672-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20221116

Quant Time: Nov 22 05:11:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

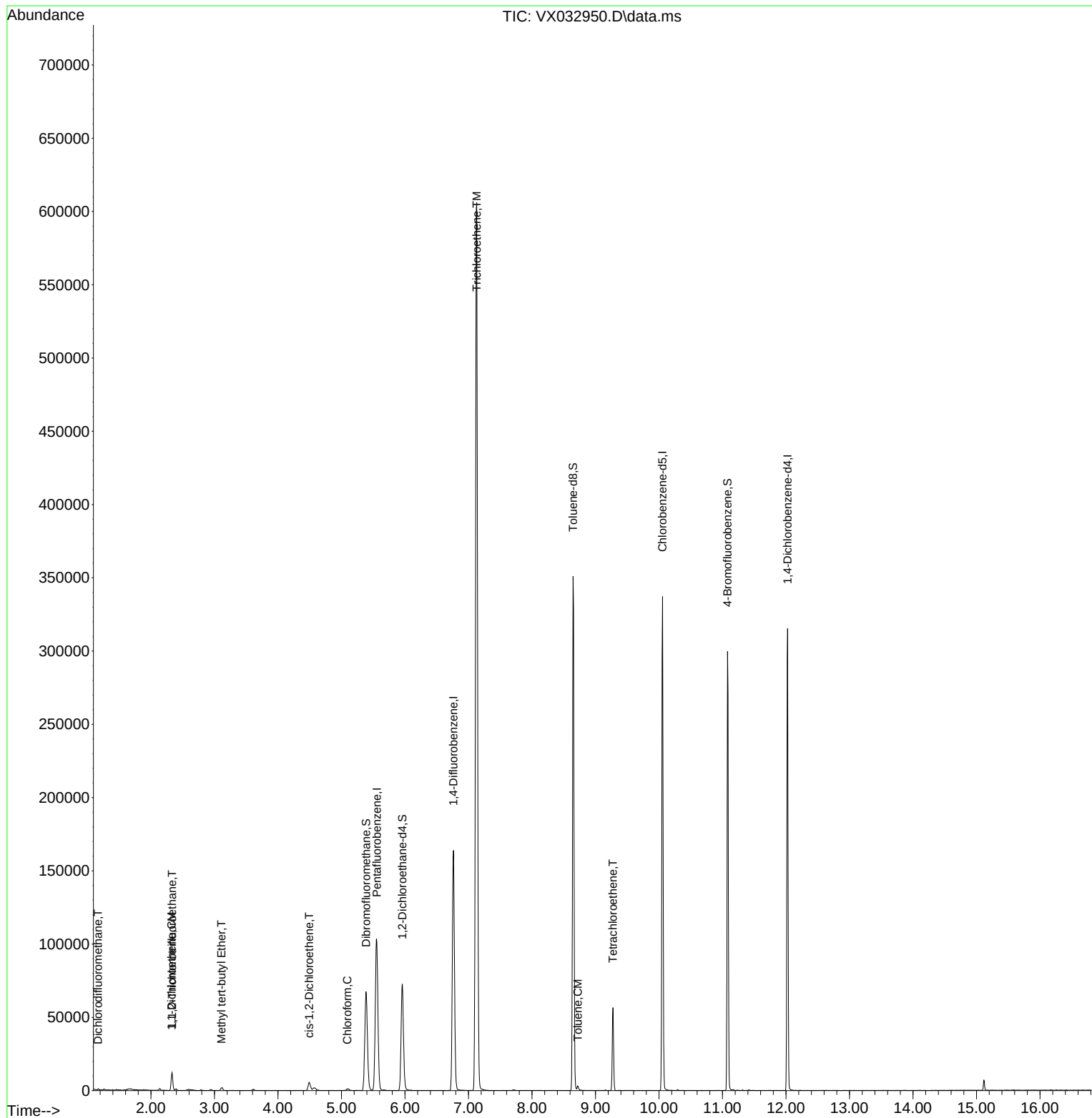
Internal Standards						
1) Pentafluorobenzene	5.556	168	100132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72516	52.121	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.240%
35) Dibromofluoromethane	5.385	113	58211	49.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	8.647	98	207909	50.489	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.980%
62) 4-Bromofluorobenzene	11.079	95	76427	47.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	287	0.249	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	4042	3.760	ug/l	97
12) 1,1-Dichloroethene	2.325	96	760	0.757	ug/l #	79
19) Methyl tert-butyl Ether	3.111	73	2164	0.613	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	3594	2.845	ug/l	94
30) Chloroform	5.093	83	1430	0.654	ug/l	92
44) Trichloroethene	7.129	130	233774	177.948	ug/l	99
52) Toluene	8.720	92	1045	0.343	ug/l	83
64) Tetrachloroethene	9.275	164	9986	9.176	ug/l	95

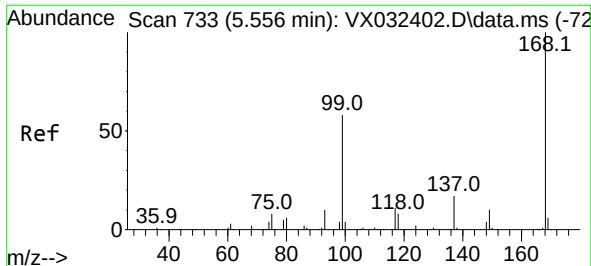
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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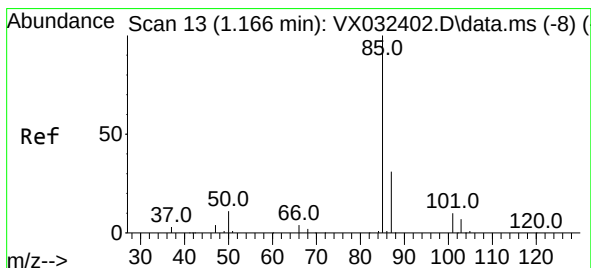
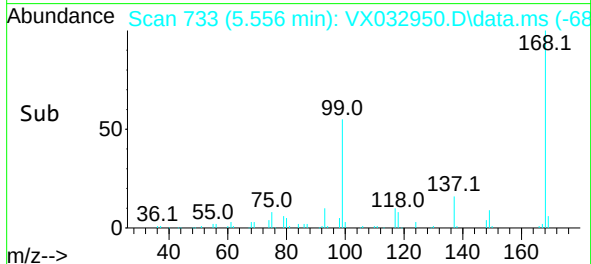
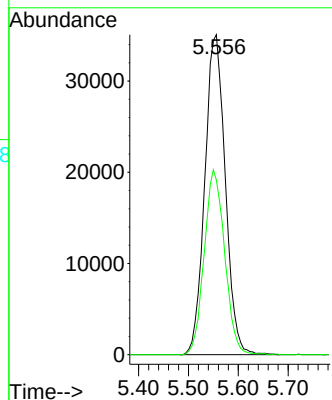
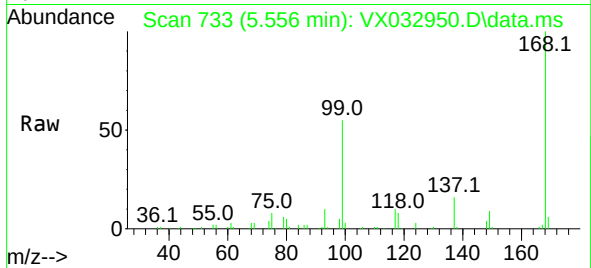




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

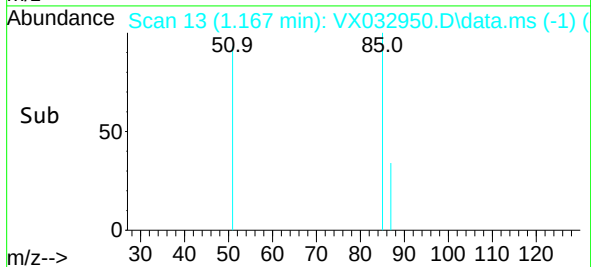
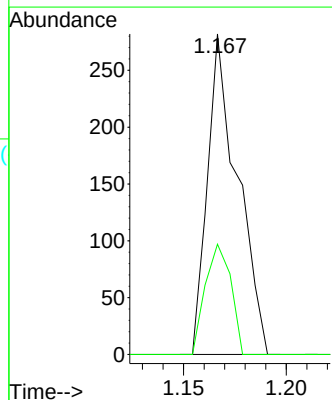
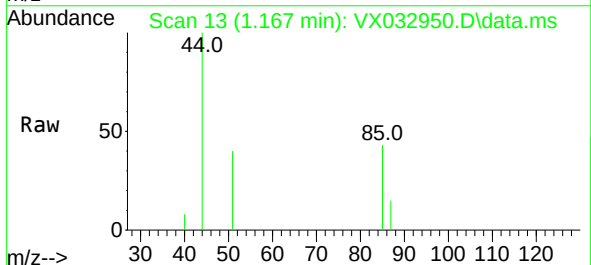
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

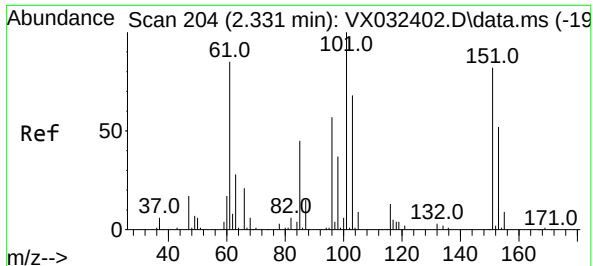
Tgt Ion:168 Resp: 100132
Ion Ratio Lower Upper
168 100
99 54.6 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.249 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 85 Resp: 287
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.7

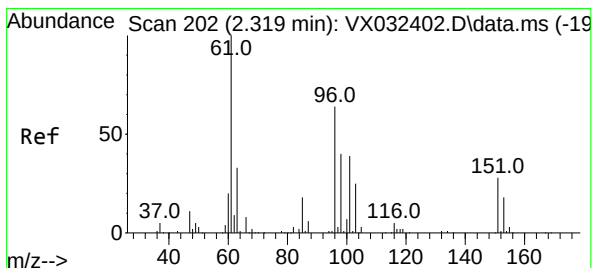
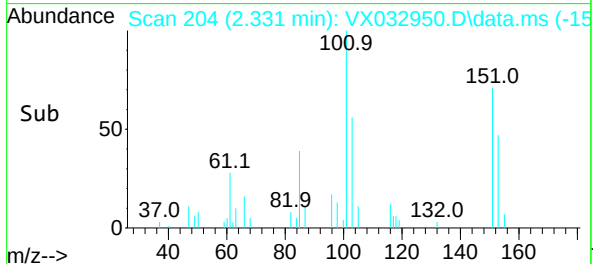
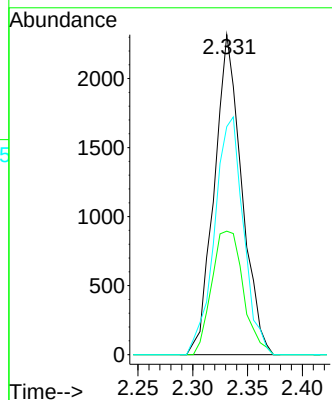
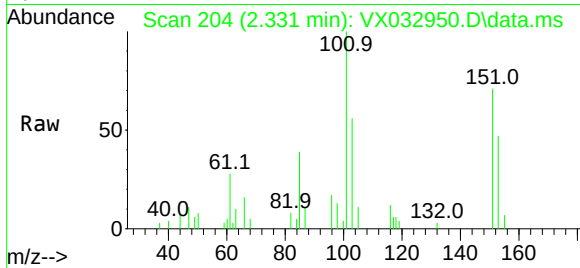




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 3.760 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX032950.D
 Acq: 21 Nov 2022 14:23

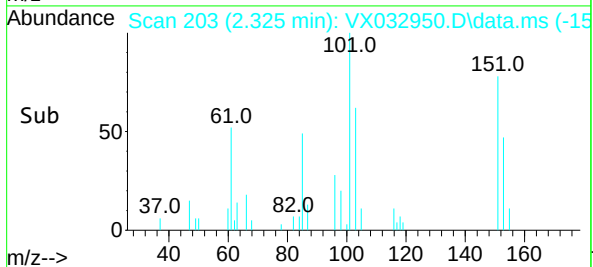
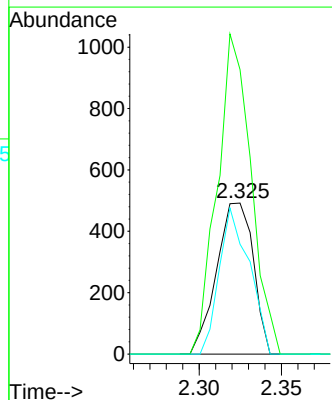
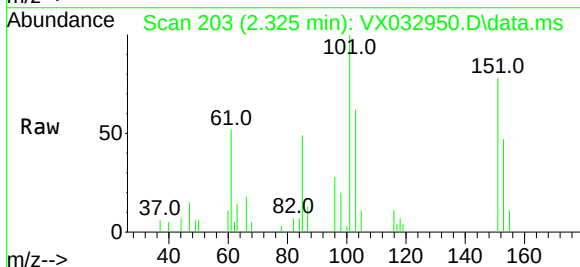
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20221116

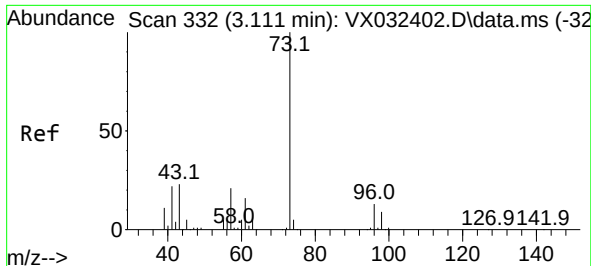
Tgt Ion:101 Resp: 4042
 Ion Ratio Lower Upper
 101 100
 85 44.2 37.0 55.4
 151 78.2 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 0.757 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX032950.D
 Acq: 21 Nov 2022 14:23

Tgt Ion: 96 Resp: 760
 Ion Ratio Lower Upper
 96 100
 61 188.4 125.1 187.7#
 98 72.8 50.6 76.0

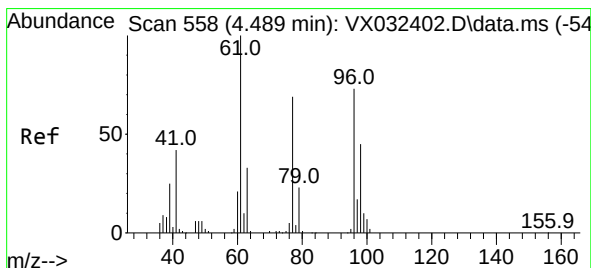
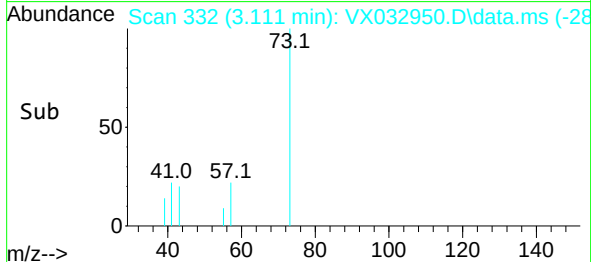
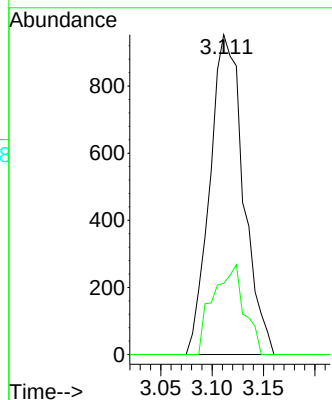
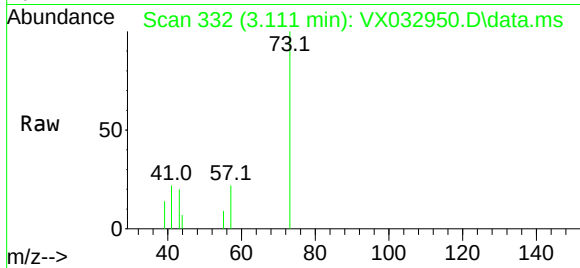




#19
Methyl tert-butyl Ether
Concen: 0.613 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

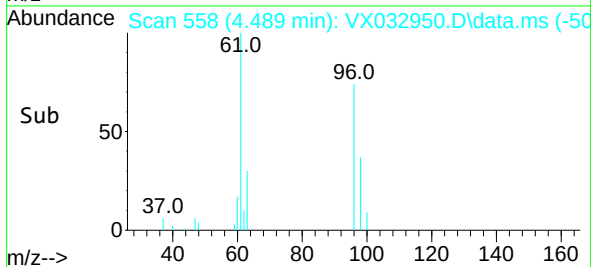
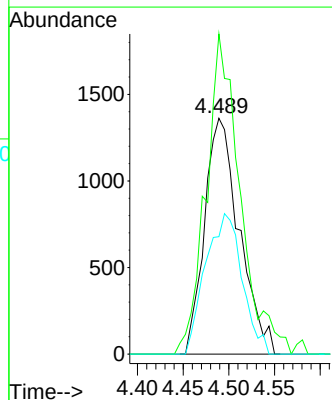
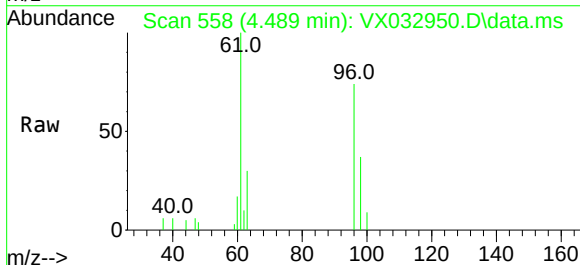
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

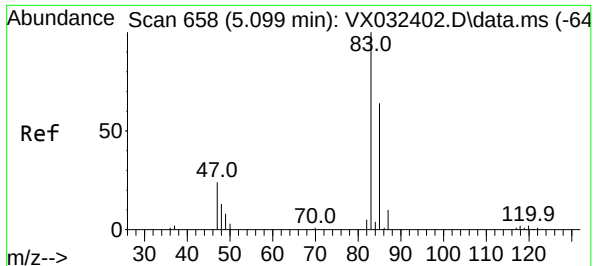
Tgt Ion: 73 Resp: 2164
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0



#27
cis-1,2-Dichloroethene
Concen: 2.845 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 96 Resp: 3594
Ion Ratio Lower Upper
96 100
61 133.2 0.0 286.0
98 62.9 0.0 129.6





#30

Chloroform

Concen: 0.654 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX032950.D

Acq: 21 Nov 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

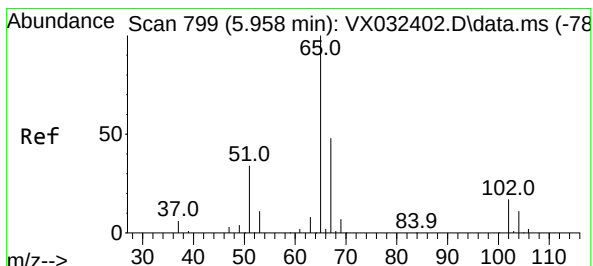
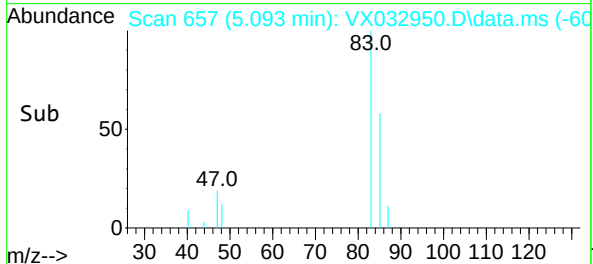
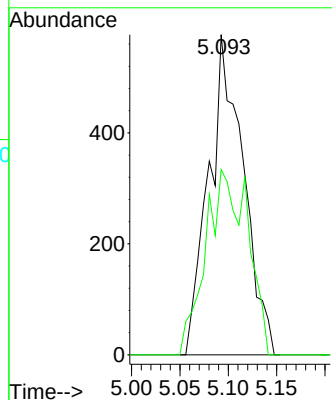
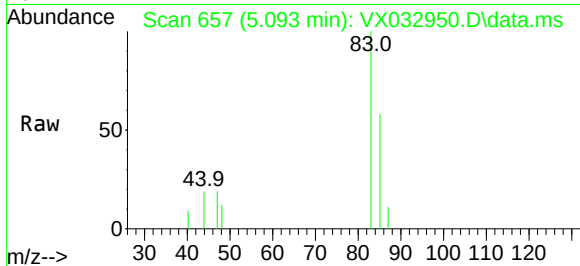
RE125D1-20221116

Tgt Ion: 83 Resp: 1430

Ion Ratio Lower Upper

83 100

85 57.9 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 52.121 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032950.D

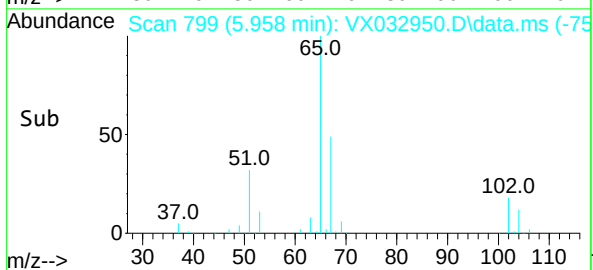
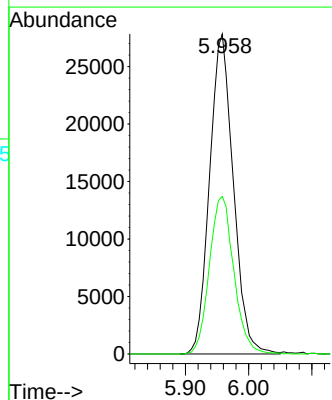
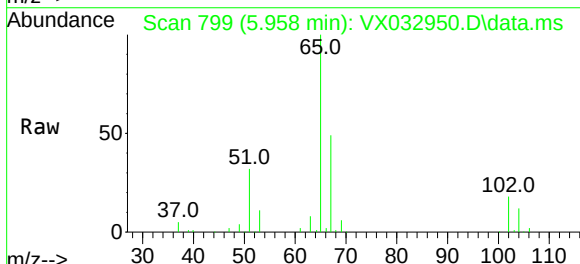
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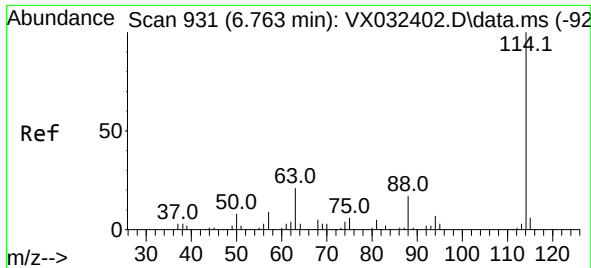
Tgt Ion: 65 Resp: 72516

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8

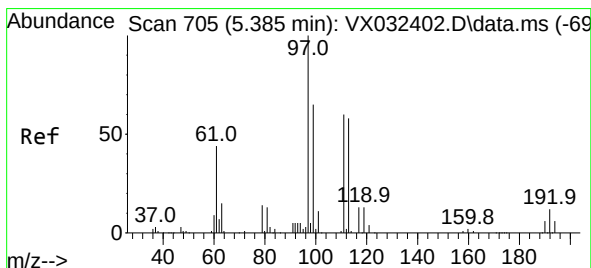
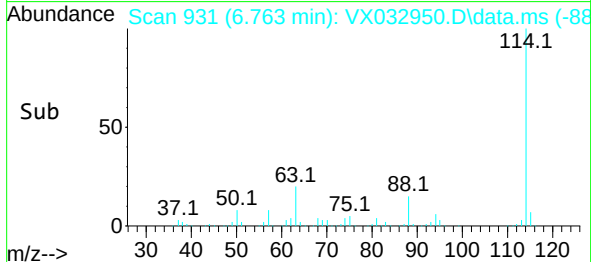
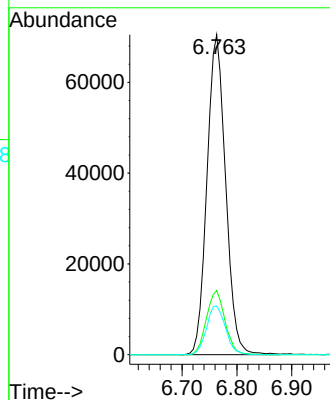
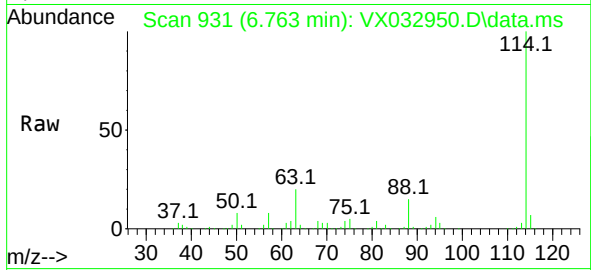




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

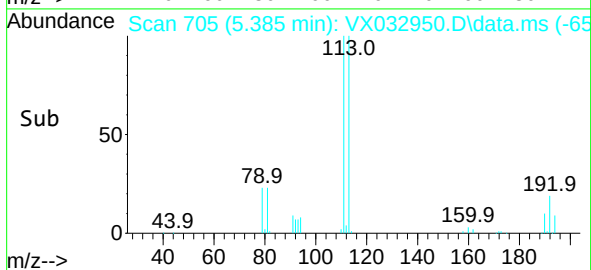
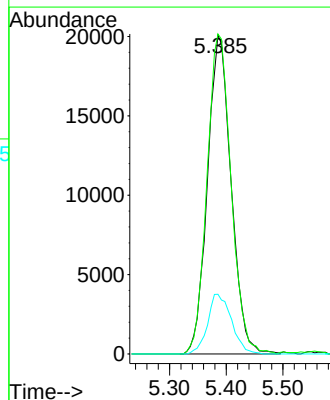
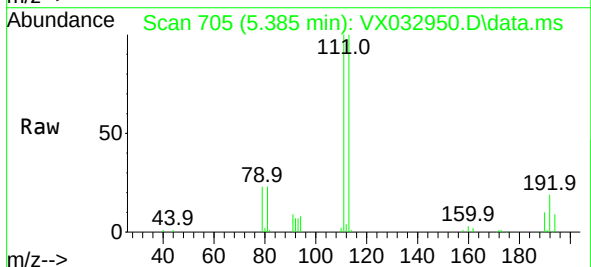
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

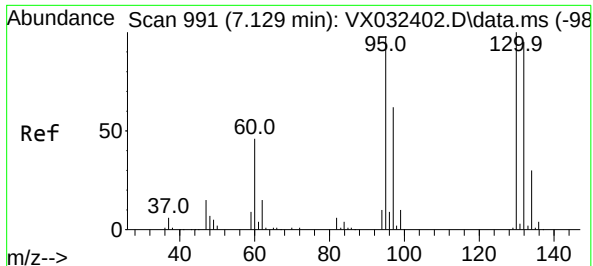
Tgt Ion:114 Resp: 166021
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.155 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion:113 Resp: 58211
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 18.9 15.4 23.2

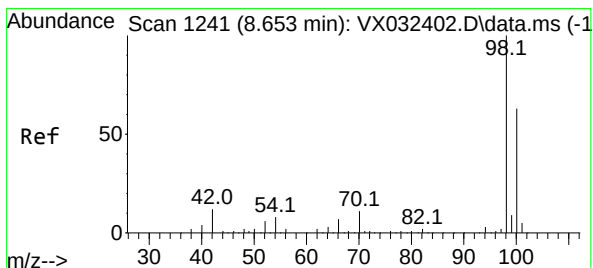
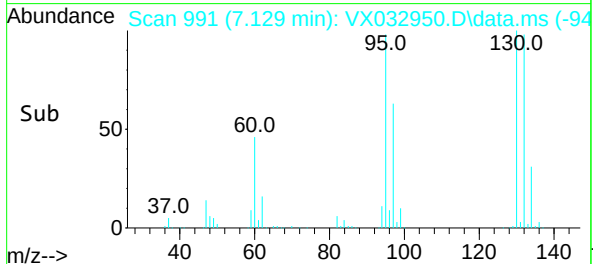
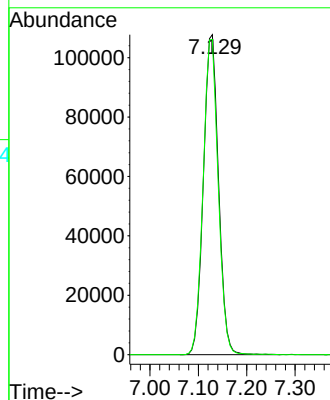
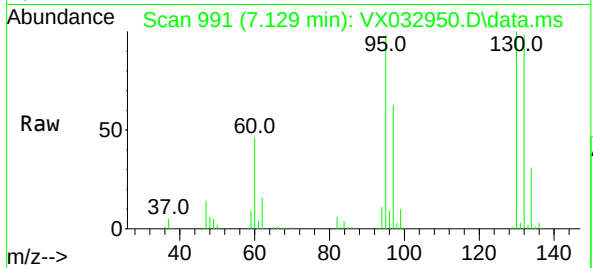




#44
Trichloroethene
Concen: 177.948 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

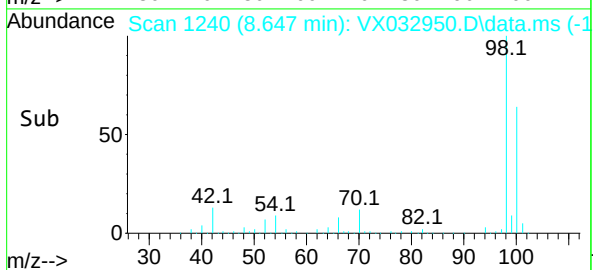
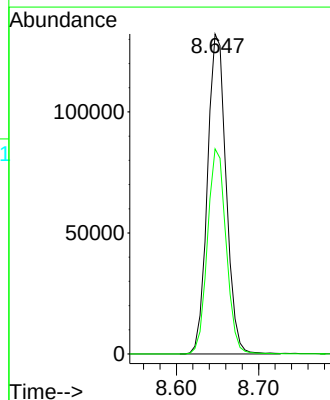
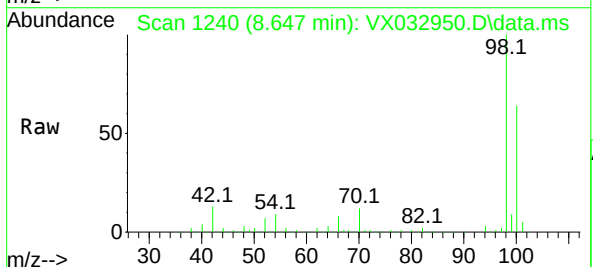
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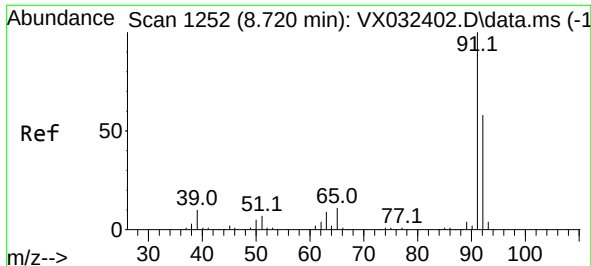
Tgt Ion:130 Resp: 233774
Ion Ratio Lower Upper
130 100
95 98.5 0.0 195.2



#50
Toluene-d8
Concen: 50.489 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 98 Resp: 207909
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

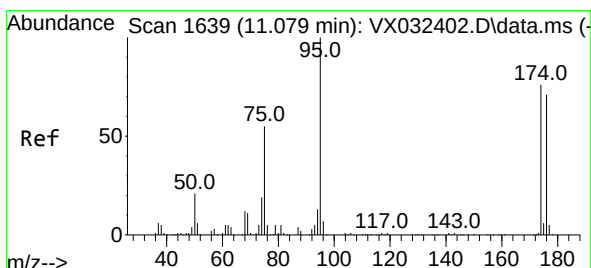
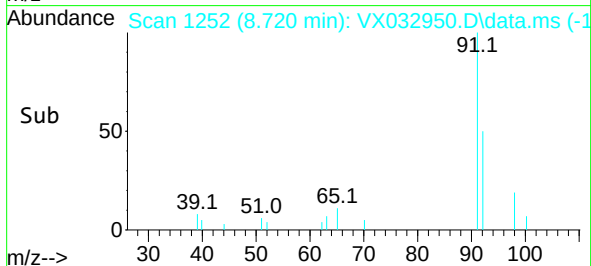
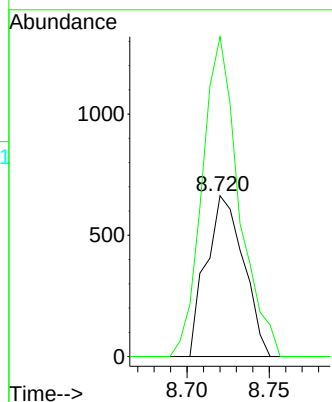
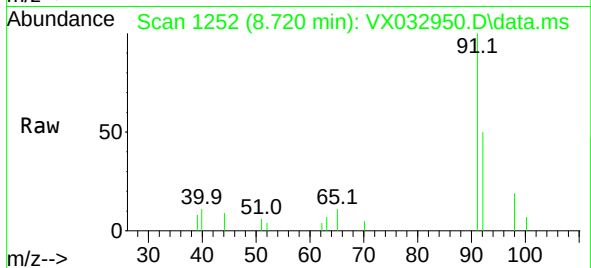




#52
Toluene
Concen: 0.343 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

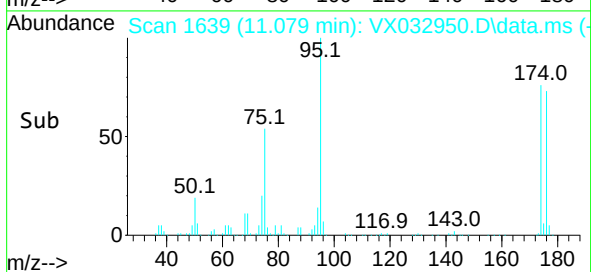
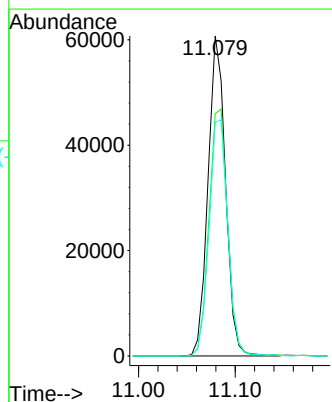
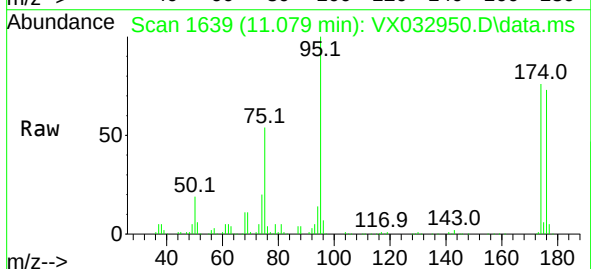
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

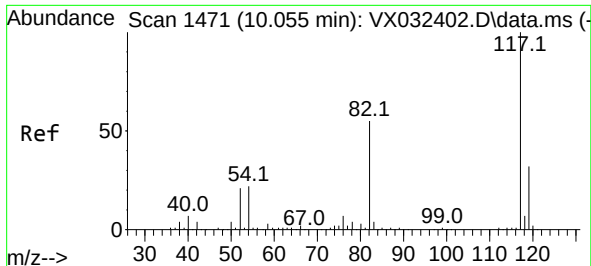
Tgt Ion: 92 Resp: 1045
Ion Ratio Lower Upper
92 100
91 196.3 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 47.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion: 95 Resp: 76427
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 79.2 0.0 154.4

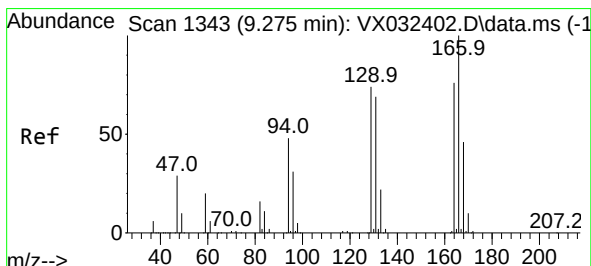
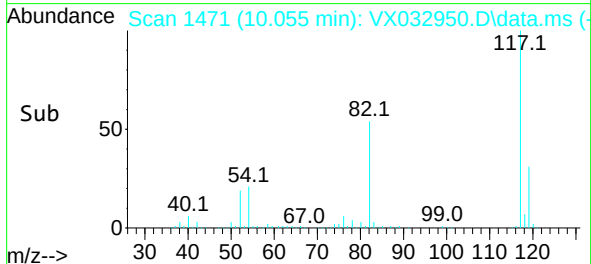
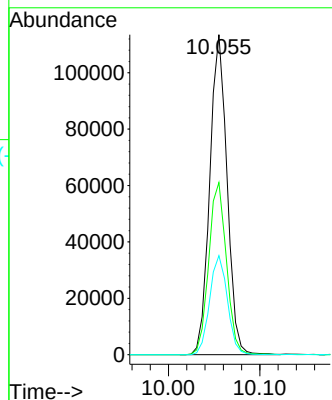
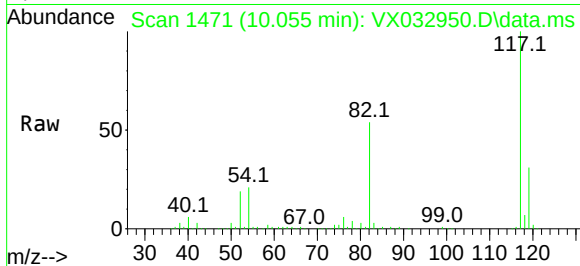




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

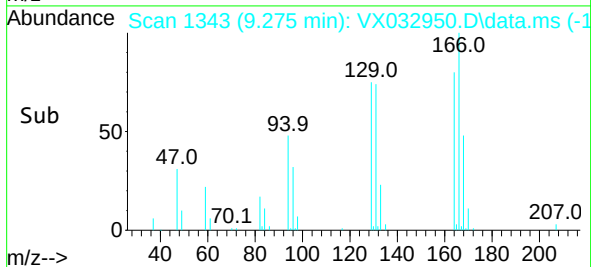
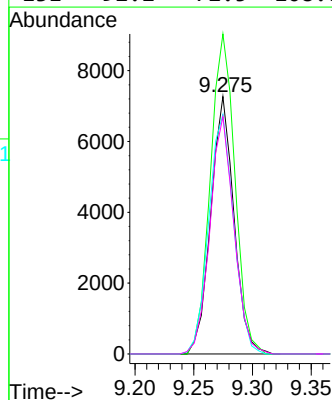
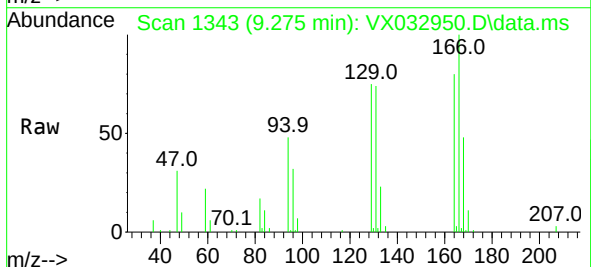
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116

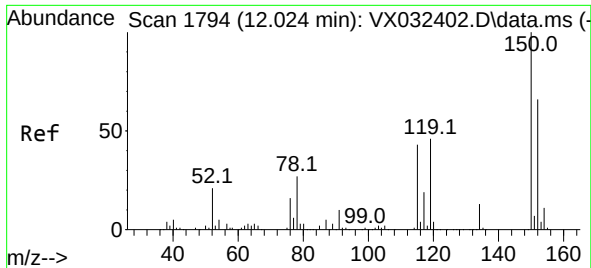
Tgt Ion:117 Resp: 148681
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 30.9 25.7 38.5



#64
Tetrachloroethene
Concen: 9.176 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032950.D
Acq: 21 Nov 2022 14:23

Tgt Ion:164 Resp: 9986
Ion Ratio Lower Upper
164 100
166 124.3 105.4 158.2
129 93.0 78.2 117.2
131 92.2 72.5 108.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032950.D

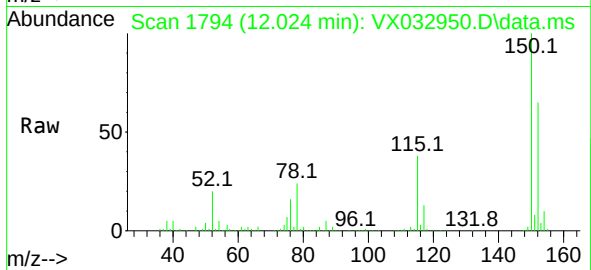
Acq: 21 Nov 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20221116



Tgt Ion:152 Resp: 64960

Ion Ratio Lower Upper

152 100

115 61.2 44.0 132.0

150 156.6 0.0 351.8

