

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031093.D
 Acq On : 03 Sep 2022 19:24
 Operator : JC/MD
 Sample : N4357-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20220823

Quant Time: Sep 06 00:16:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

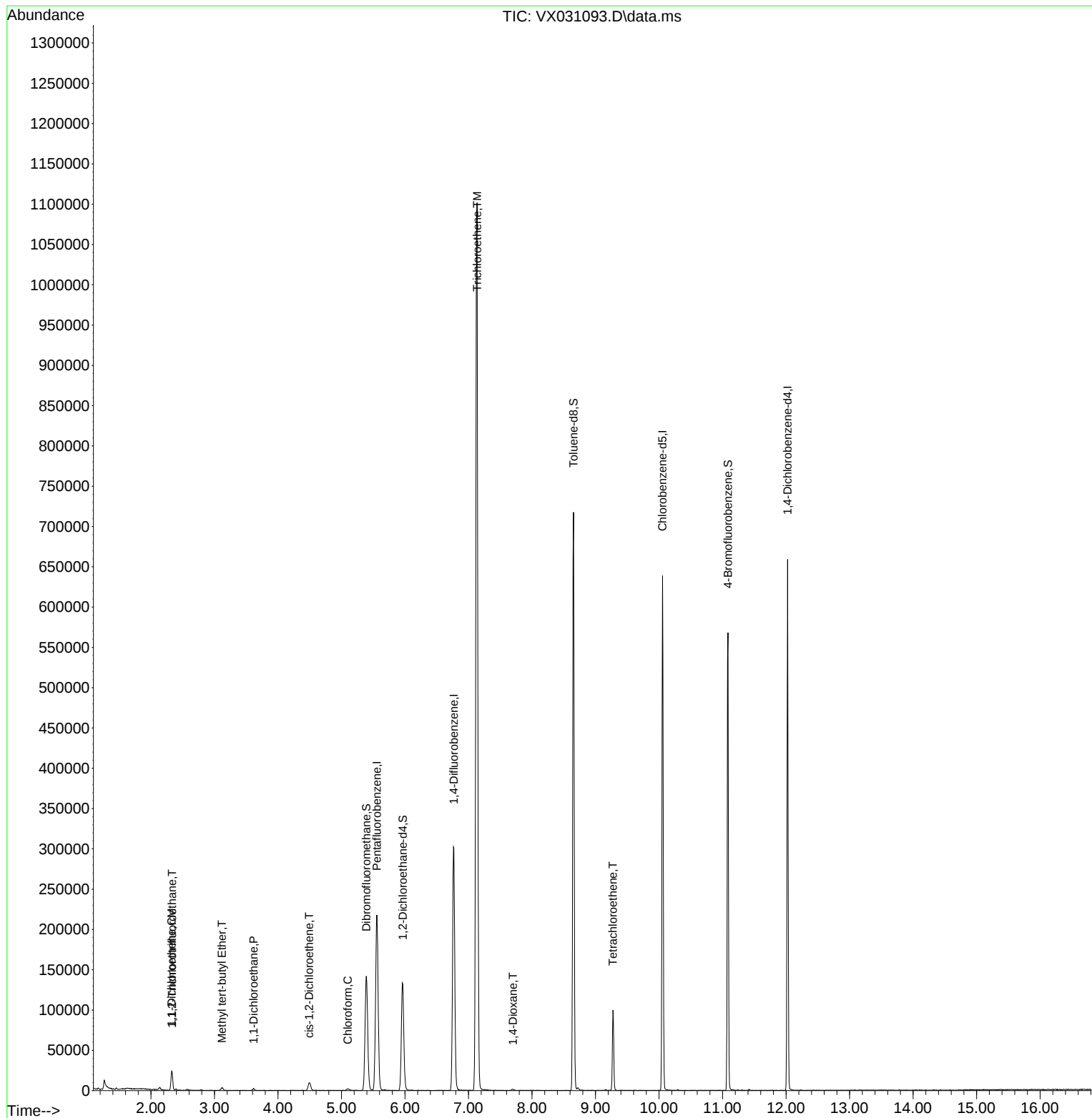
Internal Standards						
1) Pentafluorobenzene	5.556	168	217733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	338949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134510	48.013	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.020%
35) Dibromofluoromethane	5.391	113	128891	52.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.220%
50) Toluene-d8	8.653	98	453154	49.778	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.085	95	155269	48.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.580%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	8393	3.204	ug/l	93
12) 1,1-Dichloroethene	2.325	96	2036	0.805	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	4001	0.514	ug/l	99
24) 1,1-Dichloroethane	3.617	63	2618	0.574	ug/l #	88
27) cis-1,2-Dichloroethene	4.489	96	7388	2.342	ug/l	81
30) Chloroform	5.099	83	2671	0.534	ug/l	95
44) Trichloroethene	7.135	130	465322	147.792	ug/l	90
49) 1,4-Dioxane	7.702	88	1511	20.915	ug/l	90
64) Tetrachloroethene	9.275	164	20534	6.588	ug/l	93

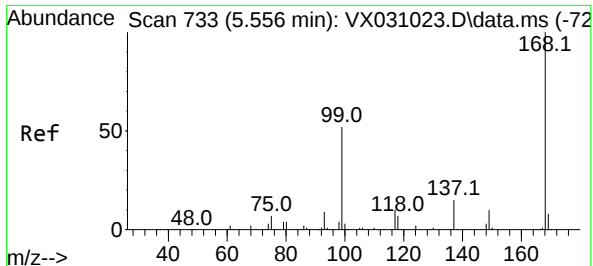
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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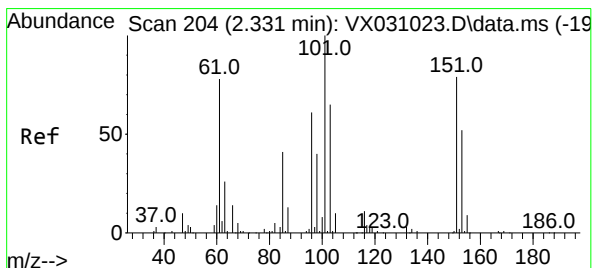
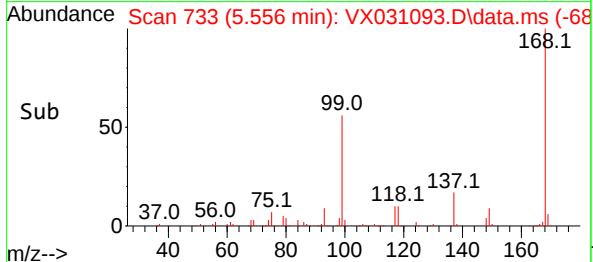
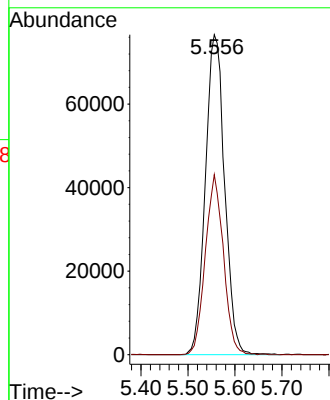
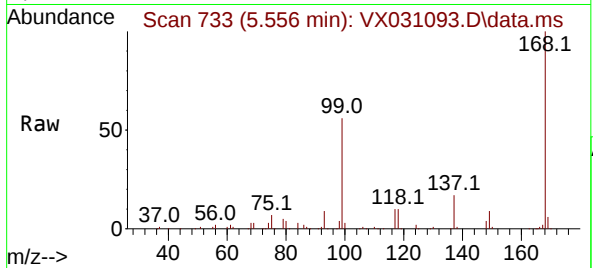




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

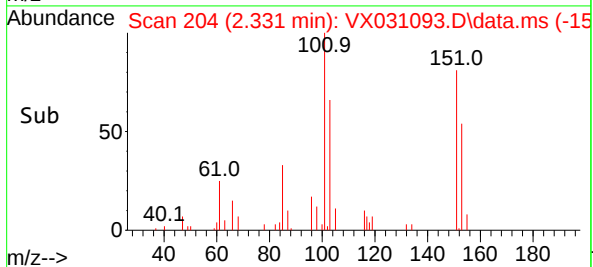
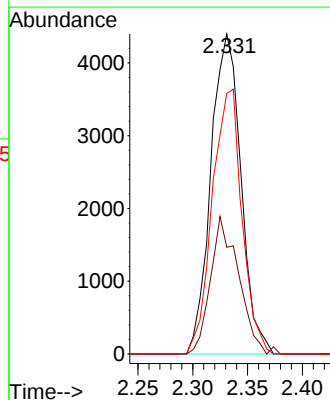
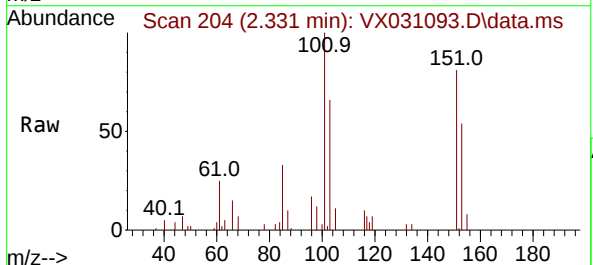
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220823

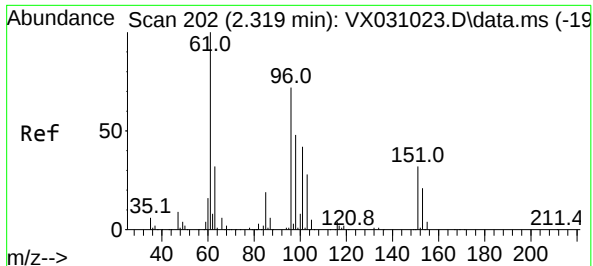
Tgt Ion:168 Resp: 217733
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.204 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

Tgt Ion:101 Resp: 8393
Ion Ratio Lower Upper
101 100
85 40.2 34.0 51.0
151 81.6 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.805 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX031093.D

Acq: 03 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220823

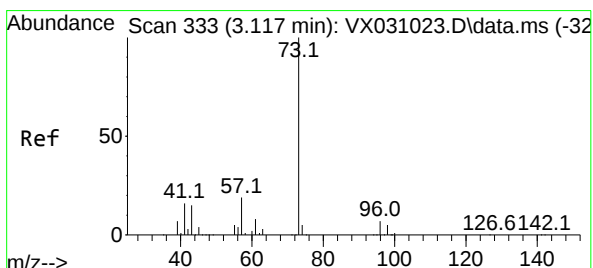
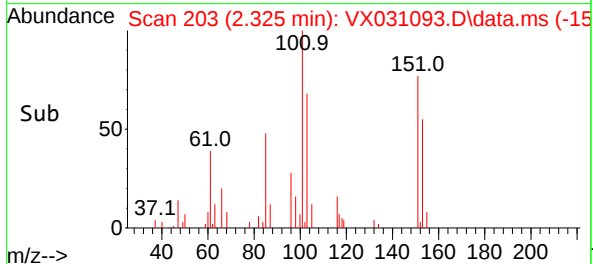
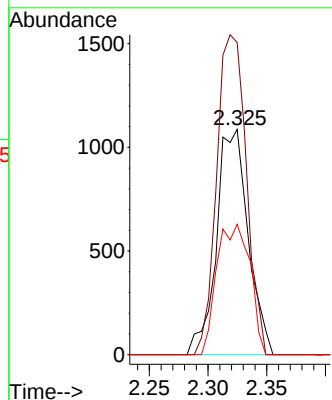
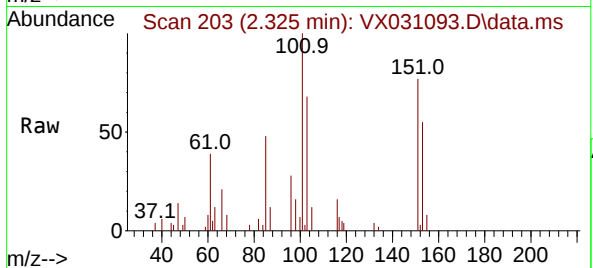
Tgt Ion: 96 Resp: 2036

Ion Ratio Lower Upper

96 100

61 138.6 117.4 176.0

98 57.9 52.2 78.4



#19

Methyl tert-butyl Ether

Concen: 0.514 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX031093.D

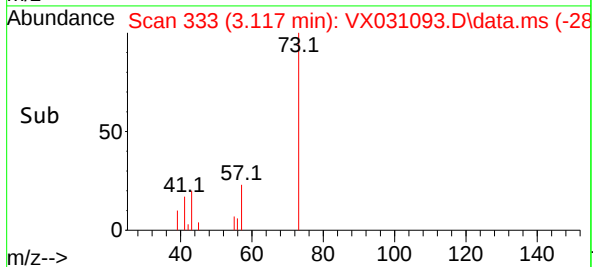
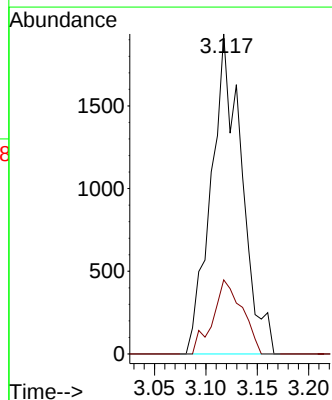
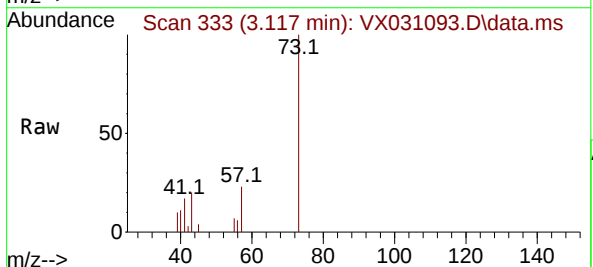
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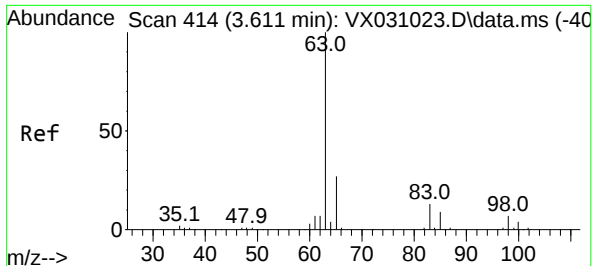
Tgt Ion: 73 Resp: 4001

Ion Ratio Lower Upper

73 100

57 23.2 19.0 28.6

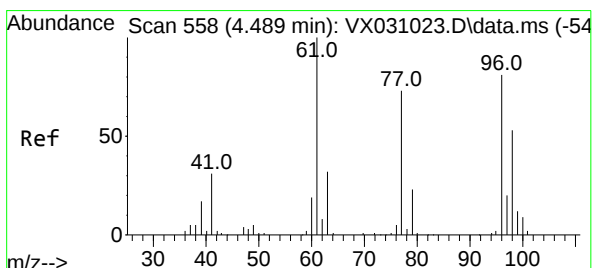
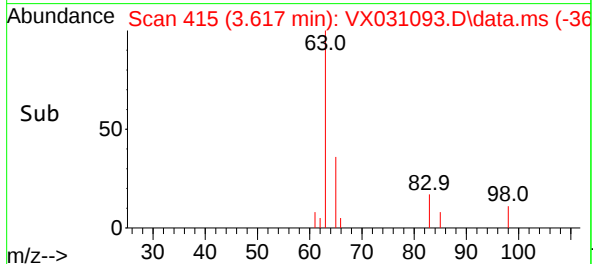
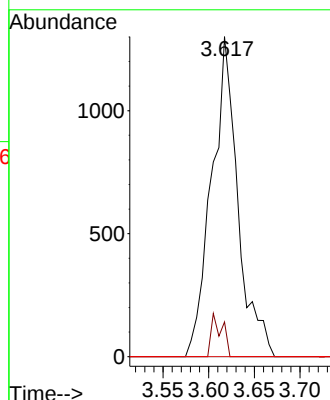
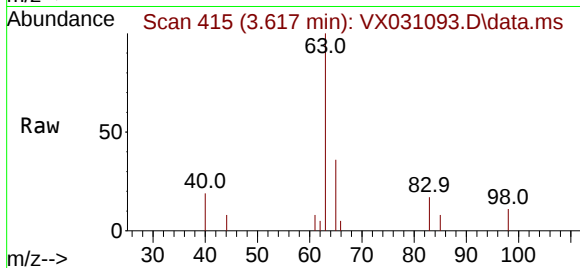




#24
1,1-Dichloroethane
Concen: 0.574 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

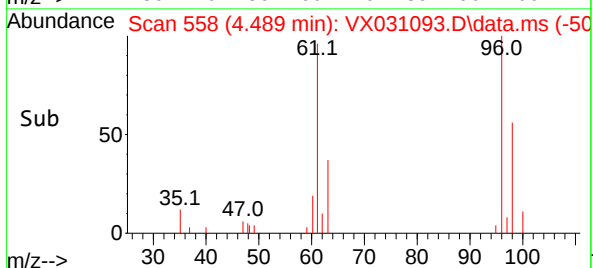
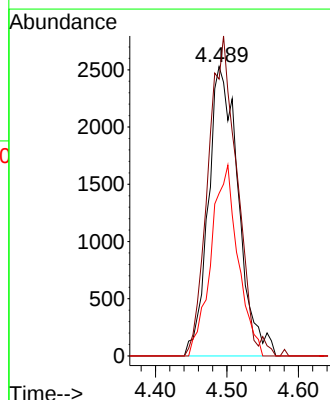
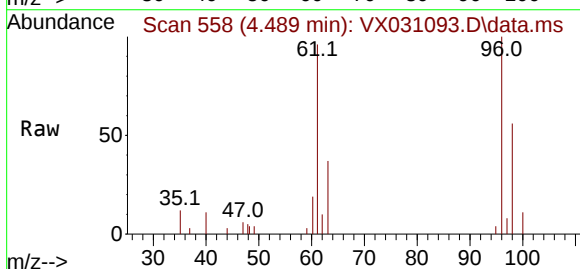
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220823

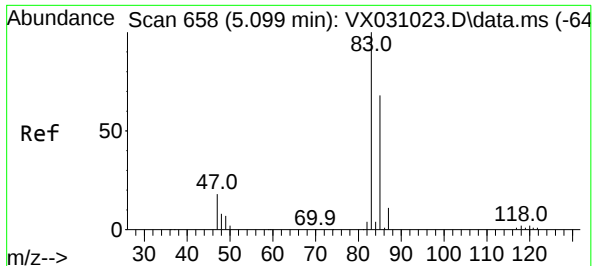
Tgt Ion: 63 Resp: 2618
Ion Ratio Lower Upper
63 100
98 10.8 3.5 10.5#
100 0.0 2.3 6.9#



#27
cis-1,2-Dichloroethene
Concen: 2.342 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

Tgt Ion: 96 Resp: 7388
Ion Ratio Lower Upper
96 100
61 104.8 0.0 270.0
98 59.1 0.0 127.8





#30

Chloroform

Concen: 0.534 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX031093.D

Acq: 03 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

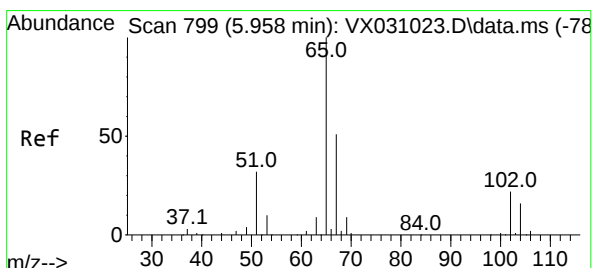
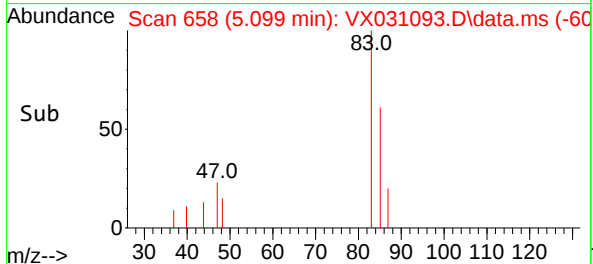
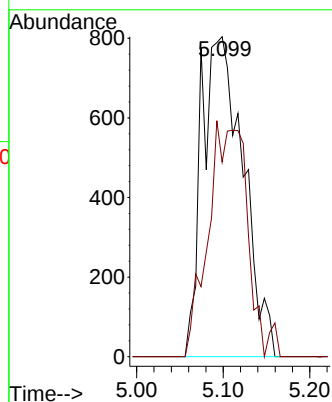
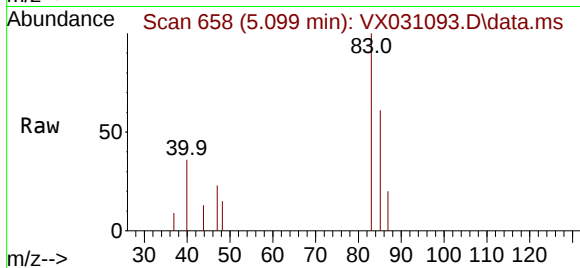
RE125D1-20220823

Tgt Ion: 83 Resp: 2671

Ion Ratio Lower Upper

83 100

85 60.8 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 48.013 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031093.D

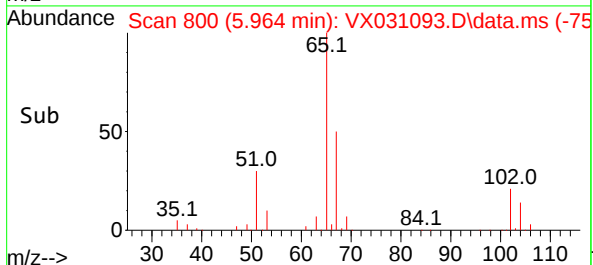
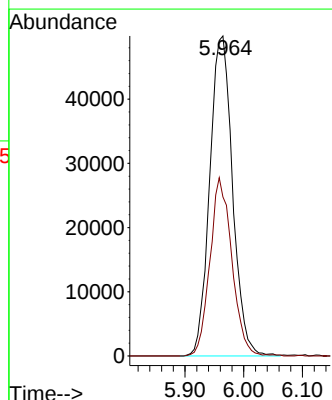
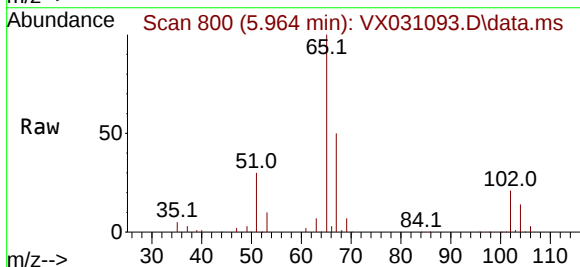
Acq: 03 Sep 2022 19:24

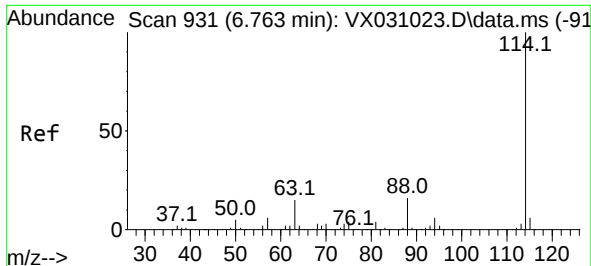
Tgt Ion: 65 Resp: 134510

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6

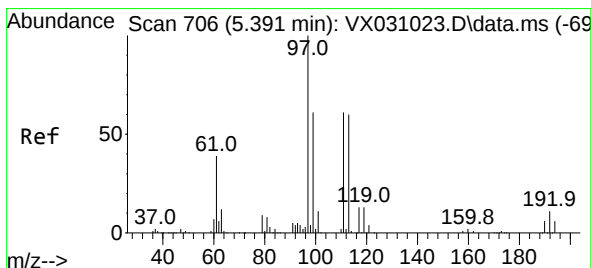
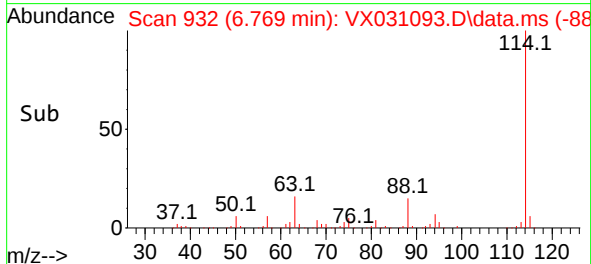
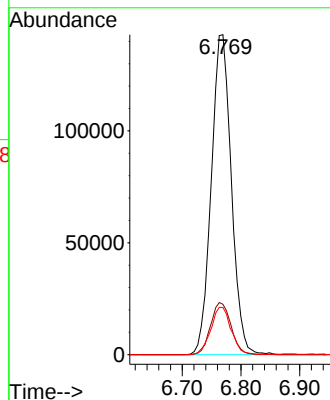
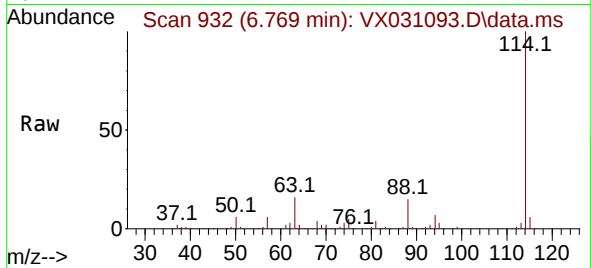




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

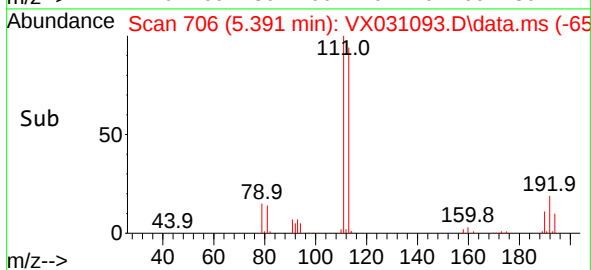
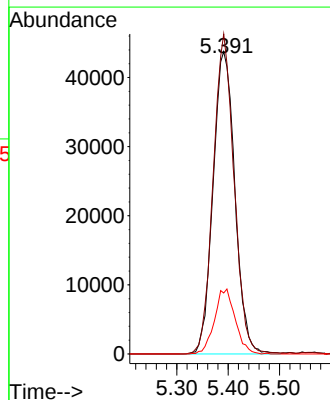
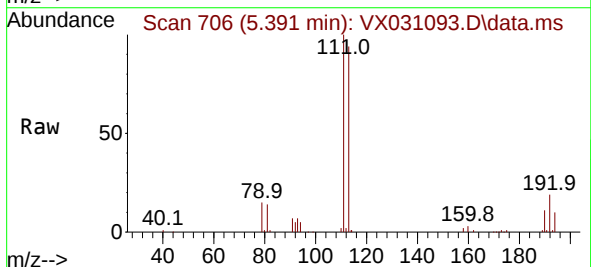
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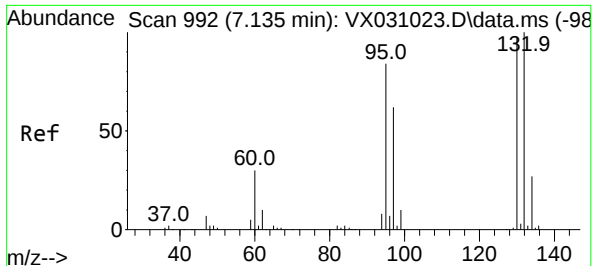
Tgt Ion:114 Resp: 338949
Ion Ratio Lower Upper
114 100
63 15.8 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.108 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

Tgt Ion:113 Resp: 128891
Ion Ratio Lower Upper
113 100
111 101.5 83.2 124.8
192 20.4 14.8 22.2

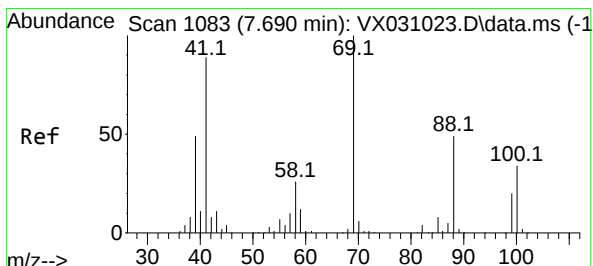
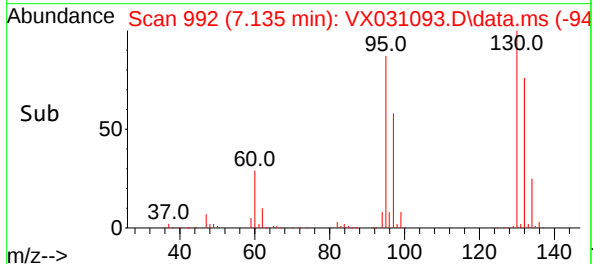
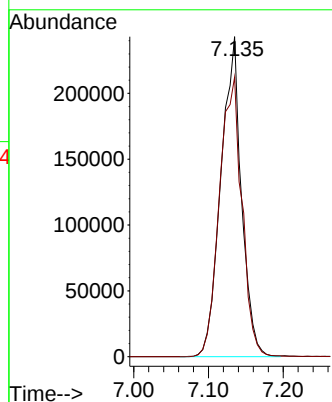
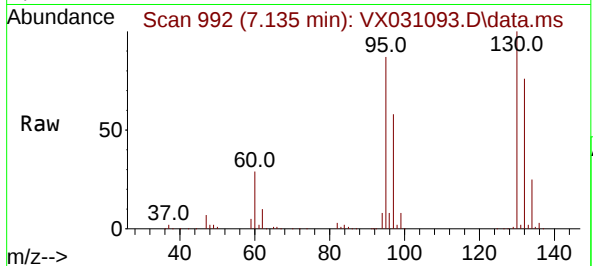




#44
Trichloroethene
Concen: 147.792 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

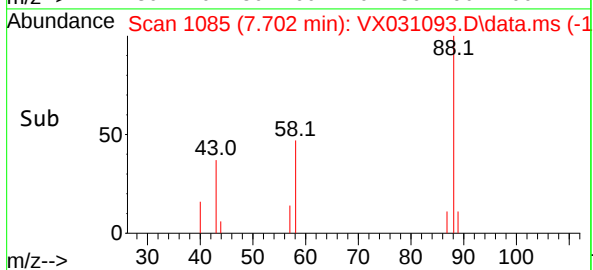
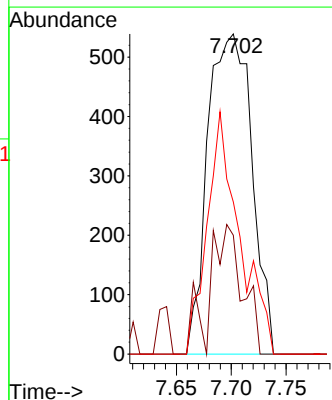
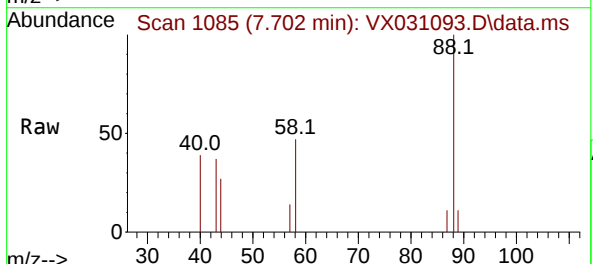
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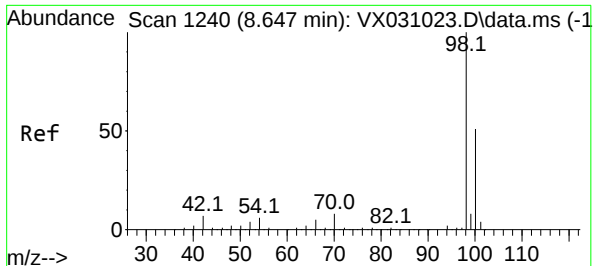
Tgt Ion:130 Resp: 465322
Ion Ratio Lower Upper
130 100
95 87.3 0.0 194.8



#49
1,4-Dioxane
Concen: 20.915 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.025 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

Tgt Ion: 88 Resp: 1511
Ion Ratio Lower Upper
88 100
43 30.3 23.8 35.8
58 55.7 53.8 80.6

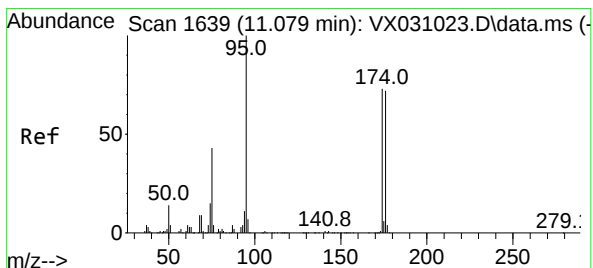
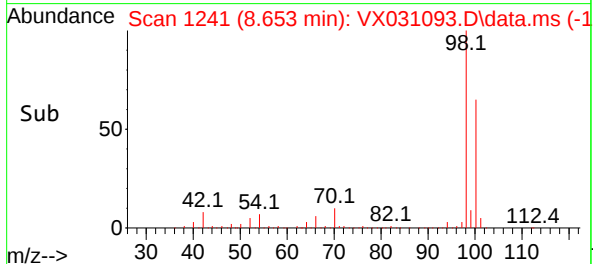
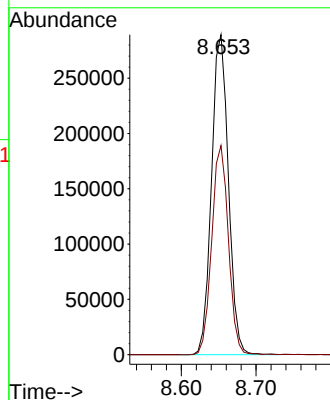
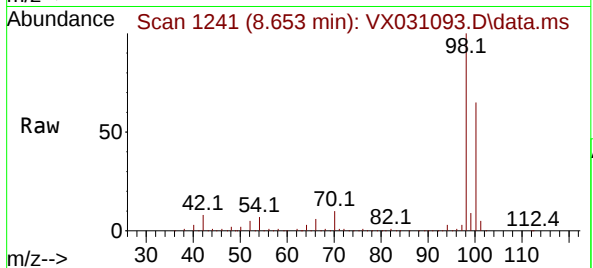




#50
Toluene-d8
Concen: 49.778 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

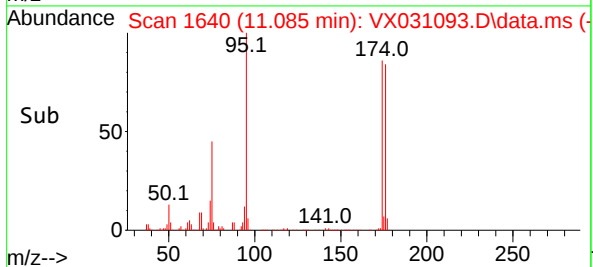
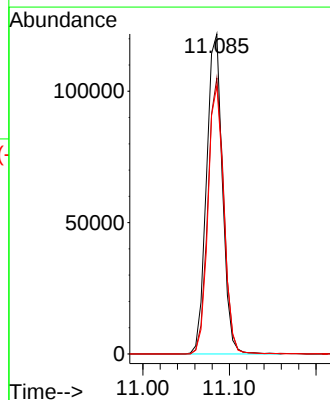
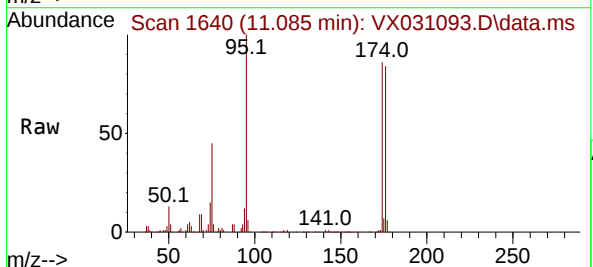
Instrument :
MSVOA_X
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RE125D1-20220823

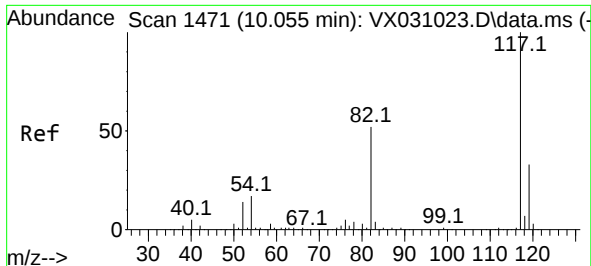
Tgt Ion: 98 Resp: 453154
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.290 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

Tgt Ion: 95 Resp: 155269
Ion Ratio Lower Upper
95 100
174 86.5 0.0 149.0
176 83.7 0.0 146.0

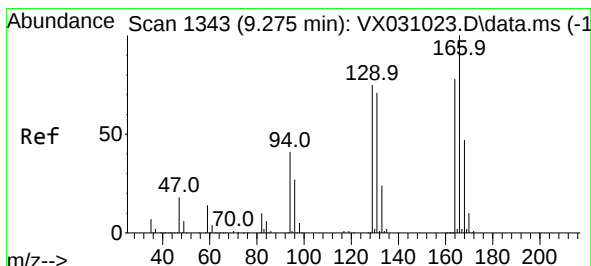
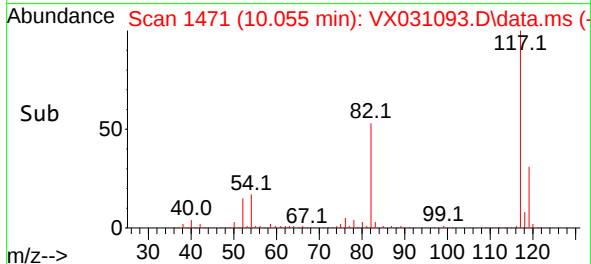
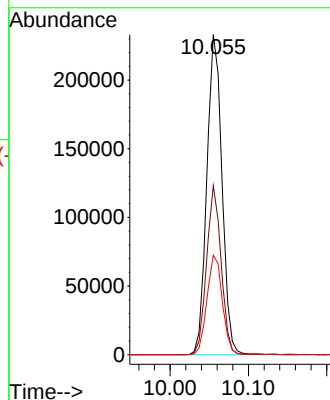
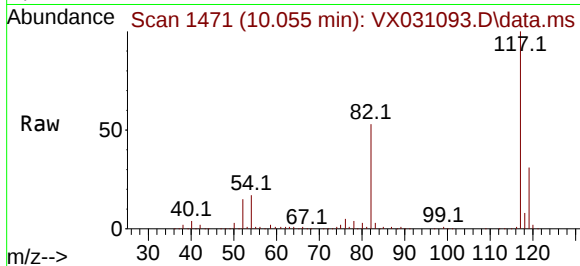




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

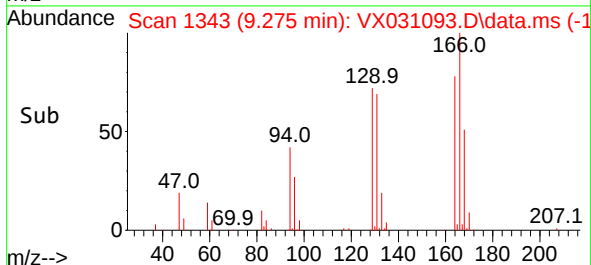
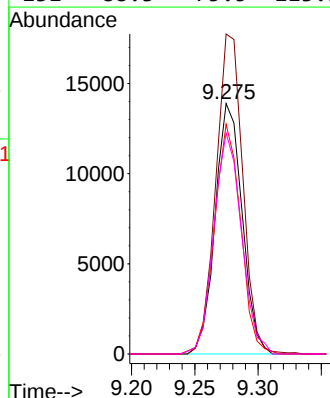
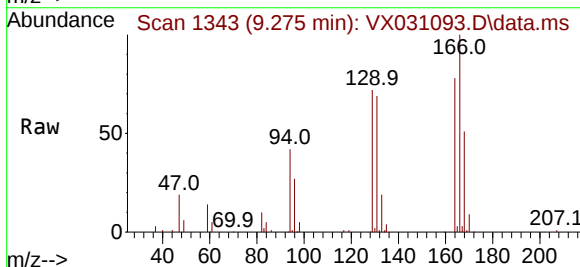
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220823

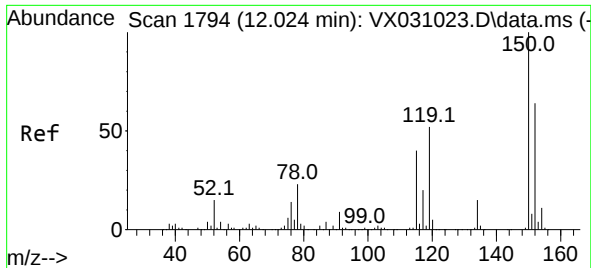
Tgt Ion:117 Resp: 312189
Ion Ratio Lower Upper
117 100
82 52.8 42.7 64.1
119 31.1 25.4 38.2



#64
Tetrachloroethene
Concen: 6.588 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031093.D
Acq: 03 Sep 2022 19:24

Tgt Ion:164 Resp: 20534
Ion Ratio Lower Upper
164 100
166 127.8 98.2 147.4
129 91.8 80.8 121.2
131 88.3 75.5 113.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031093.D

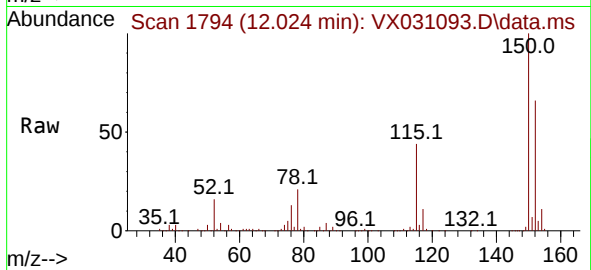
Acq: 03 Sep 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220823



Tgt Ion:152 Resp: 137239

Ion Ratio Lower Upper

152 100

115 59.5 40.5 121.5

150 157.2 0.0 347.0

