

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032908.D
 Acq On : 17 Nov 2022 18:21
 Operator : JC/MD
 Sample : N5672-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20221116

Quant Time: Nov 18 01:42:23 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)

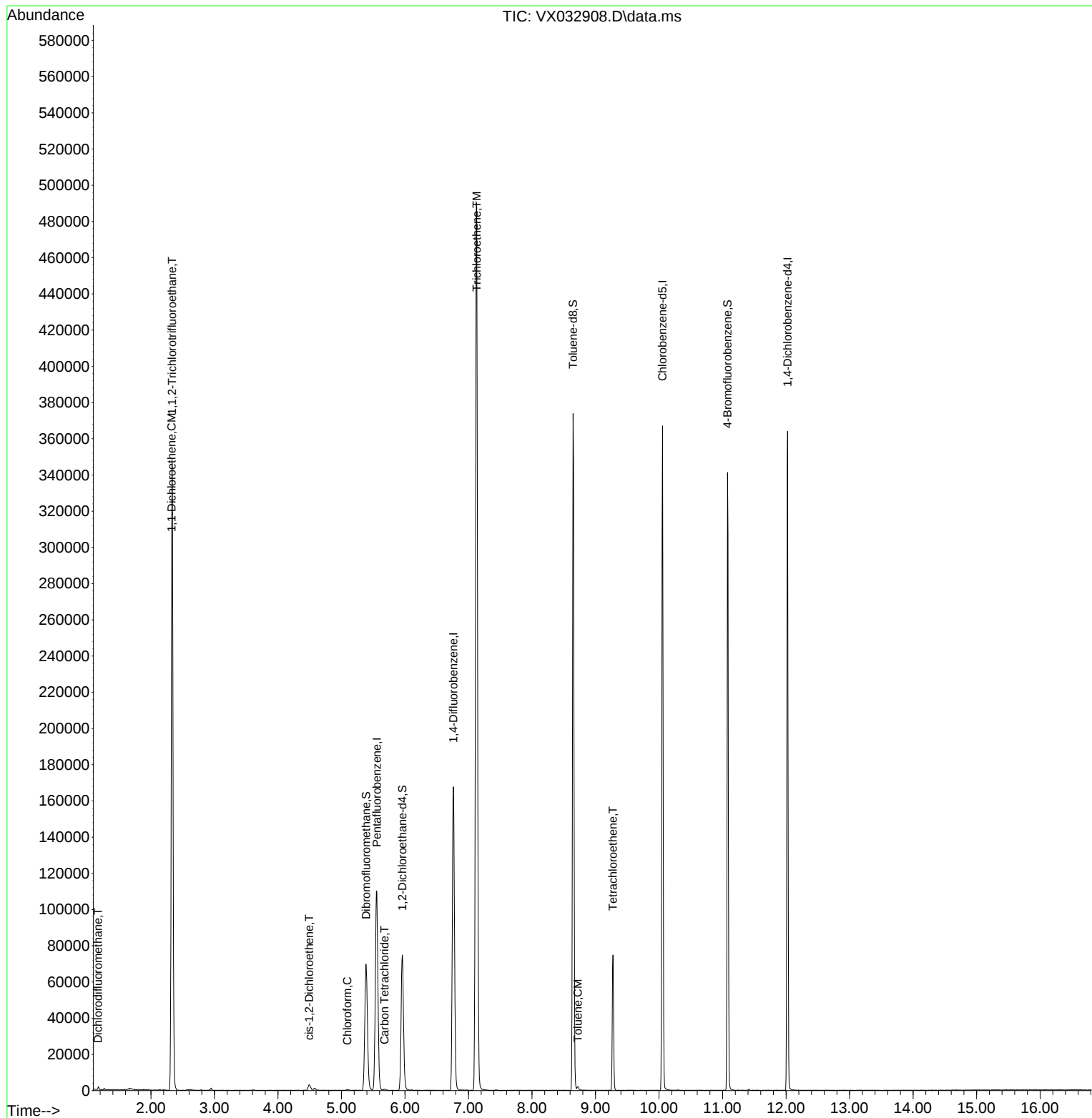
Internal Standards						
1) Pentafluorobenzene	5.556	168	105633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75697	51.574	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.140%
35) Dibromofluoromethane	5.385	113	60262	48.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	8.647	98	218954	50.515	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.020%
62) 4-Bromofluorobenzene	11.079	95	84386	49.840	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	380	0.312	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	131416	115.885	ug/l	100
12) 1,1-Dichloroethene	2.325	96	1323	1.249	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	2292	1.720	ug/l	84
30) Chloroform	5.093	83	611	0.265	ug/l #	68
38) Carbon Tetrachloride	5.678	117	611	0.317	ug/l	95
44) Trichloroethene	7.129	130	192145	138.953	ug/l	99
52) Toluene	8.720	92	892	0.278	ug/l	96
64) Tetrachloroethene	9.275	164	13332	11.368	ug/l	96

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

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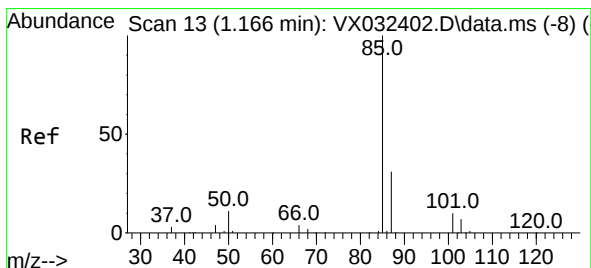
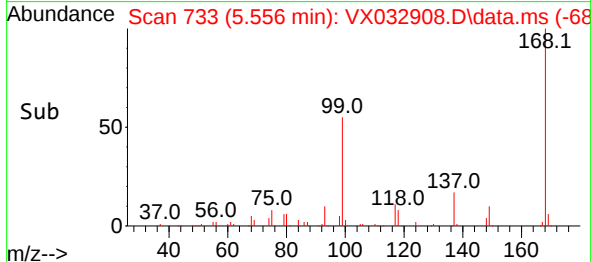
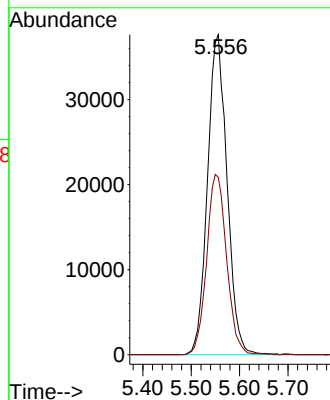
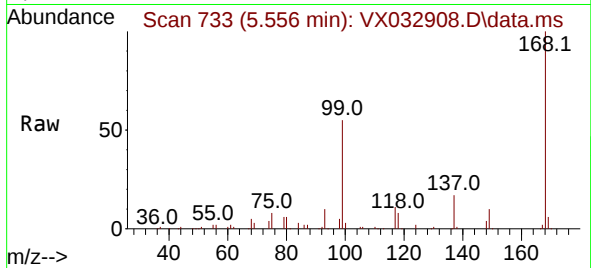




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

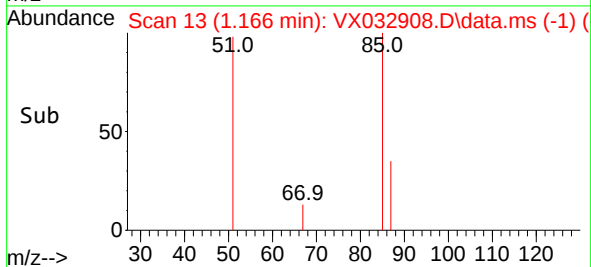
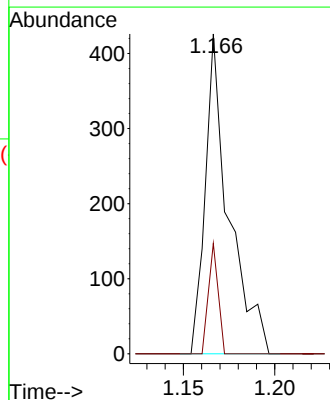
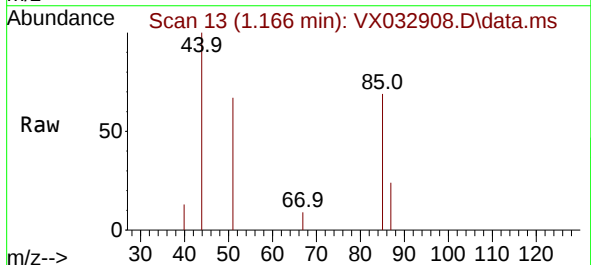
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20221116

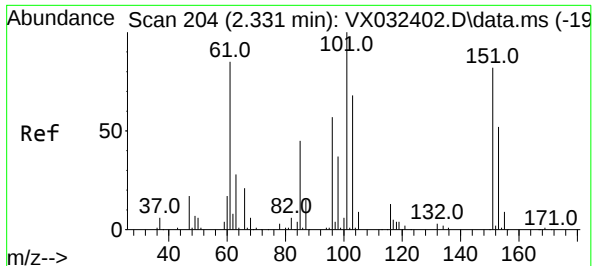
Tgt Ion:168 Resp: 105633
Ion Ratio Lower Upper
168 100
99 55.4 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.312 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion: 85 Resp: 380
Ion Ratio Lower Upper
85 100
87 34.5 15.6 46.7

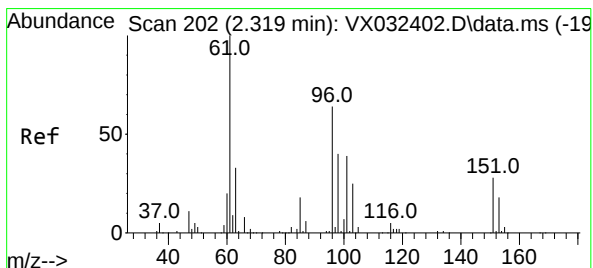
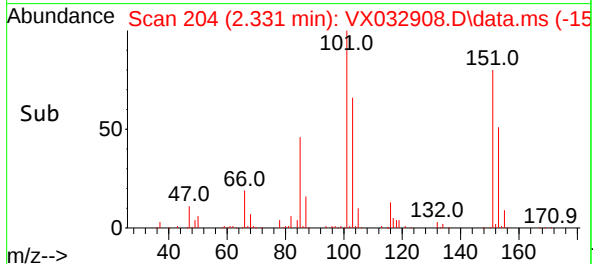
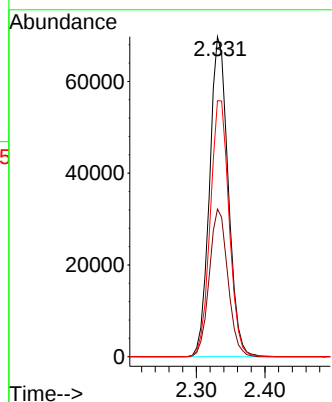
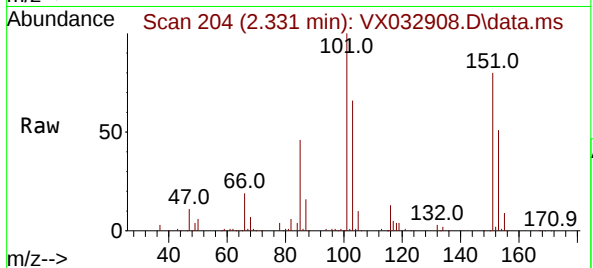




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 115.885 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX032908.D
 Acq: 17 Nov 2022 18:21

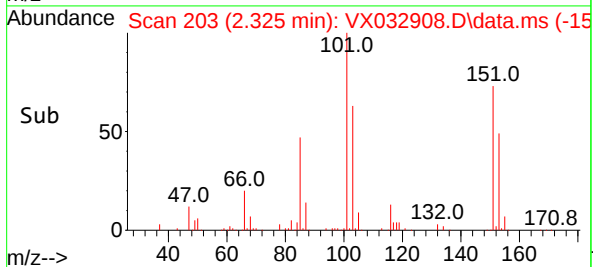
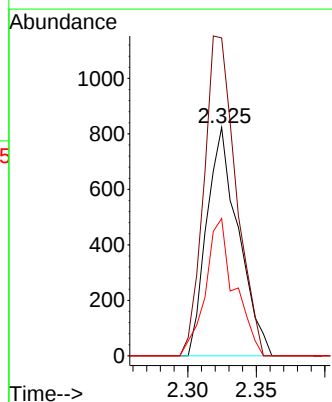
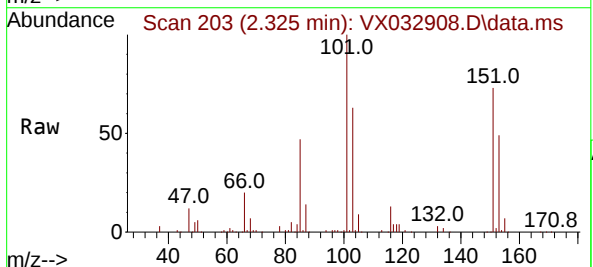
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20221116

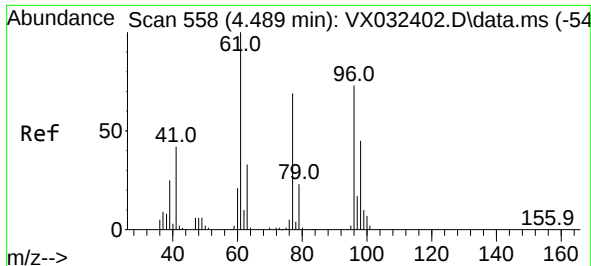
Tgt Ion:101 Resp: 131416
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.0 55.4
 151 81.0 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 1.249 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX032908.D
 Acq: 17 Nov 2022 18:21

Tgt Ion: 96 Resp: 1323
 Ion Ratio Lower Upper
 96 100
 61 139.2 125.1 187.7
 98 60.1 50.6 76.0





#27

cis-1,2-Dichloroethene

Concen: 1.720 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032908.D

Acq: 17 Nov 2022 18:21

Instrument :

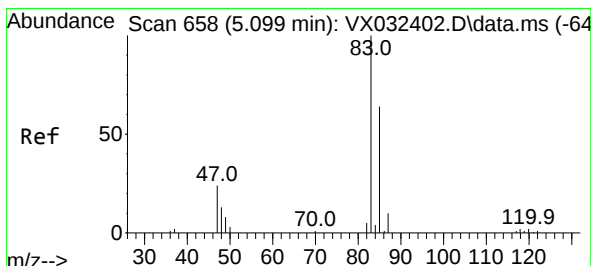
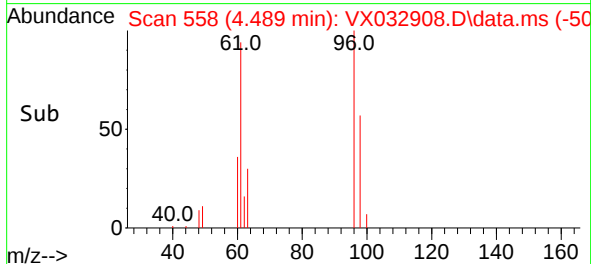
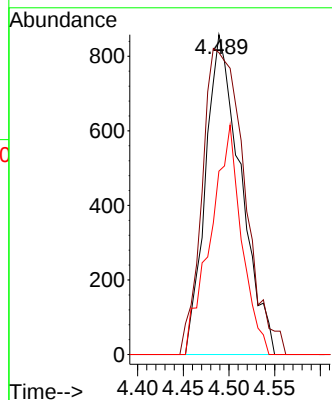
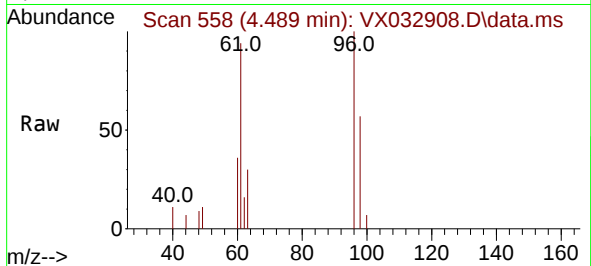
MSVOA_X

ClientSampleId :

RE125D3-20221116

Tgt Ion: 96 Resp: 2292

Ion	Ratio	Lower	Upper
96	100		
61	114.9	0.0	286.0
98	63.4	0.0	129.6



#30

Chloroform

Concen: 0.265 ug/l

RT: 5.093 min Scan# 657

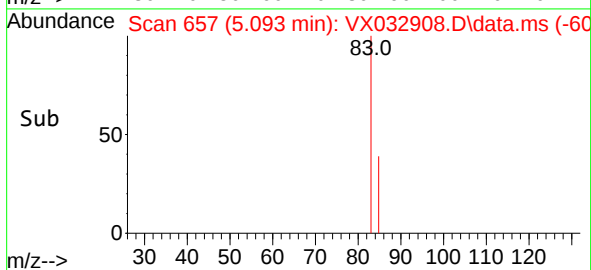
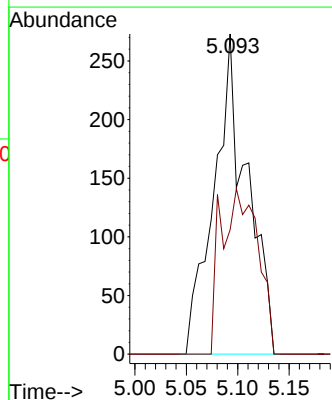
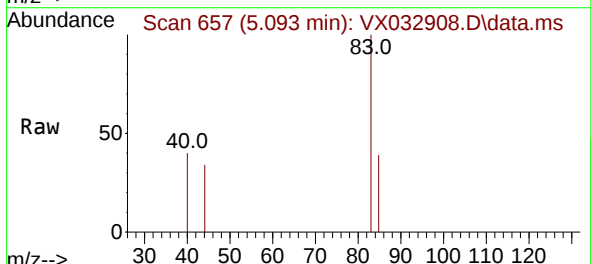
Delta R.T. -0.006 min

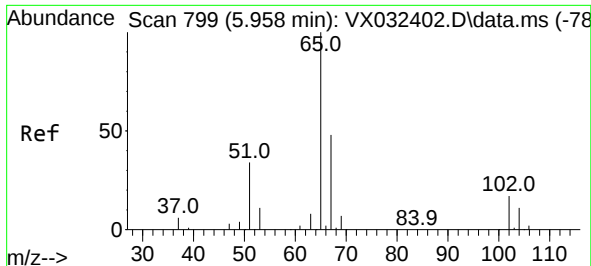
Lab File: VX032908.D

Acq: 17 Nov 2022 18:21

Tgt Ion: 83 Resp: 611

Ion	Ratio	Lower	Upper
83	100		
85	38.8	51.1	76.7#





#33

1,2-Dichloroethane-d4

Concen: 51.574 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032908.D

Acq: 17 Nov 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

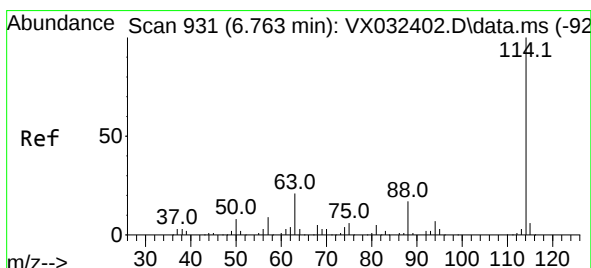
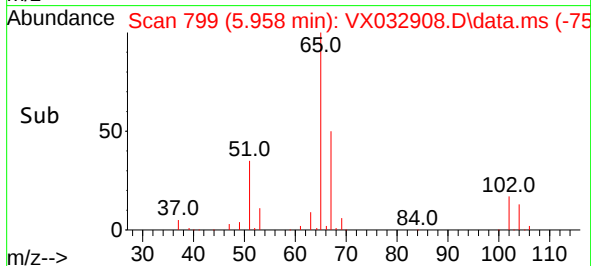
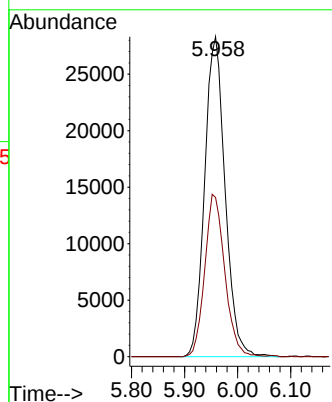
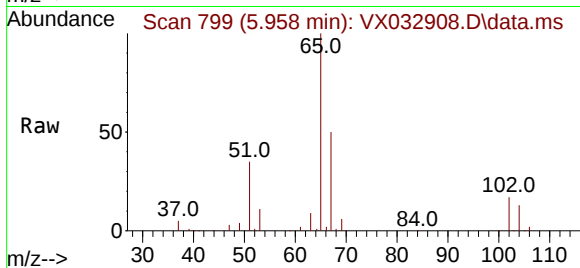
RE125D3-20221116

Tgt Ion: 65 Resp: 75697

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032908.D

Acq: 17 Nov 2022 18:21

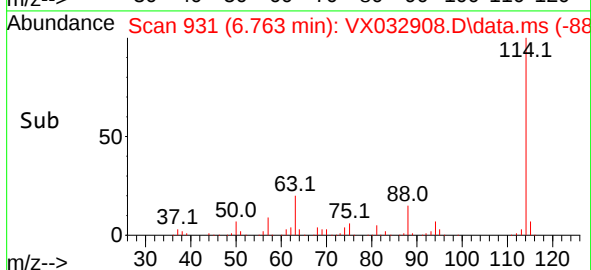
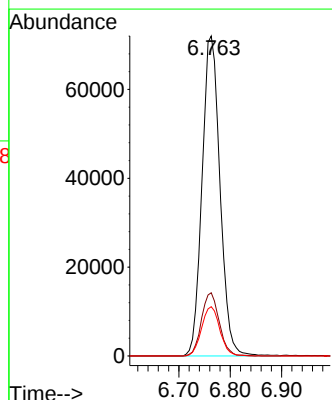
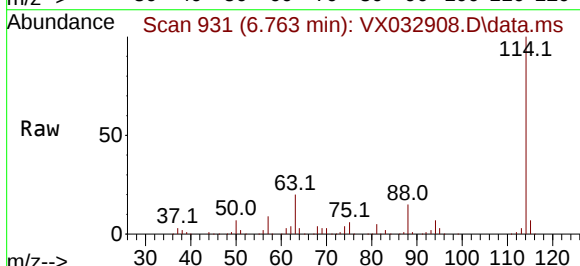
Tgt Ion: 114 Resp: 174752

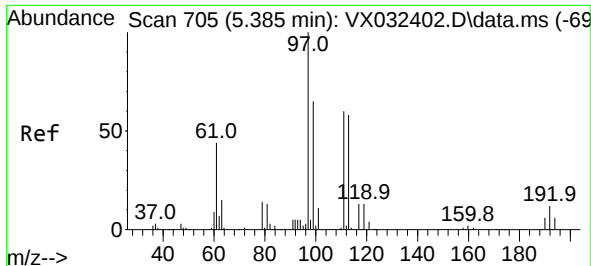
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 15.4 0.0 33.4

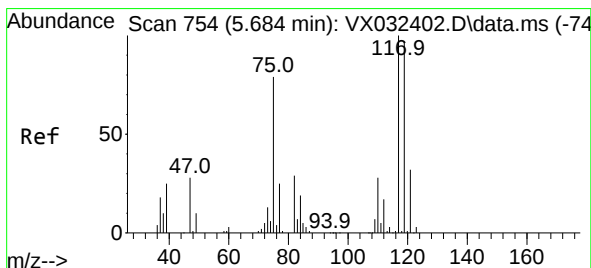
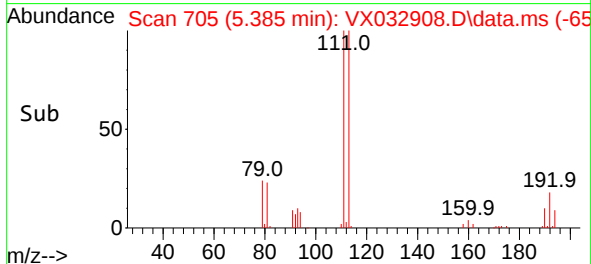
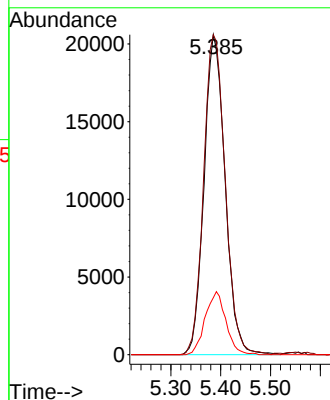
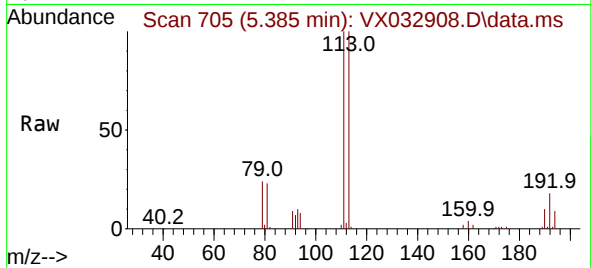




#35
Dibromofluoromethane
Concen: 48.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

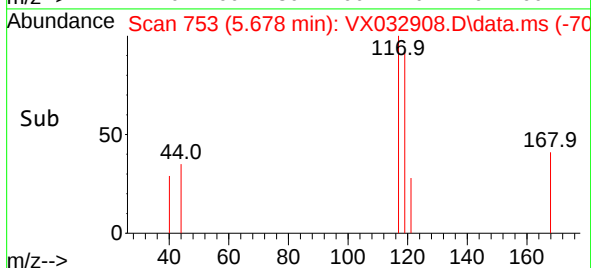
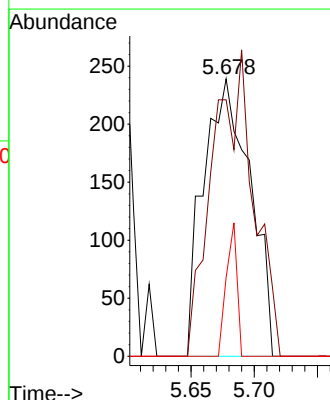
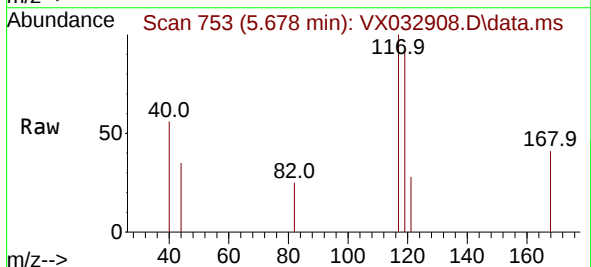
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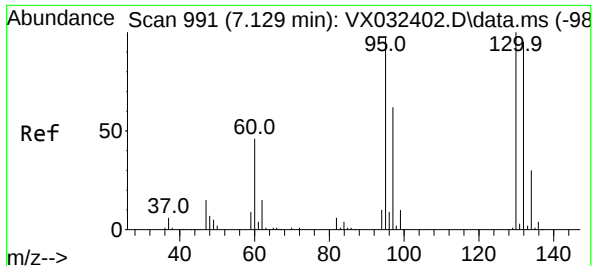
Tgt Ion:113 Resp: 60262
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.4 15.4 23.2



#38
Carbon Tetrachloride
Concen: 0.317 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion:117 Resp: 611
Ion Ratio Lower Upper
117 100
119 92.5 77.2 115.8
121 28.5 25.8 38.6

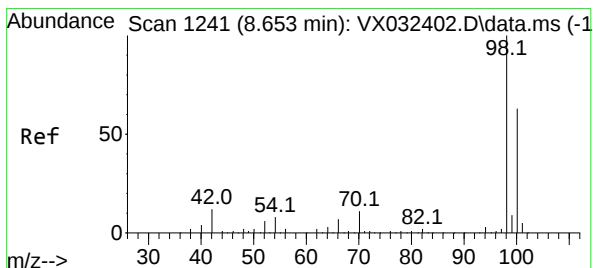
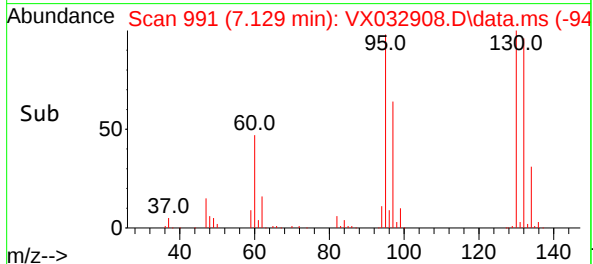
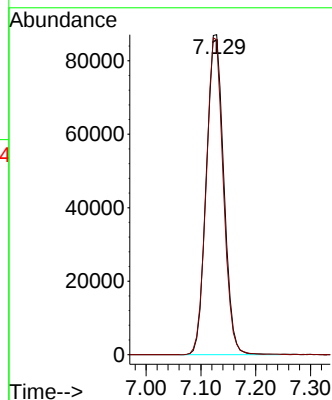
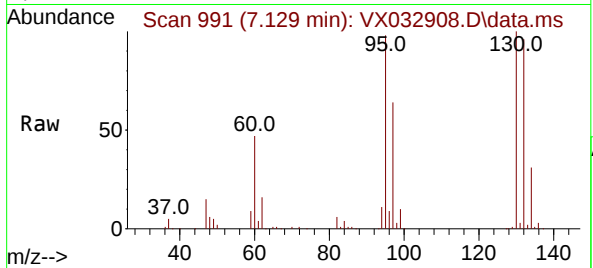




#44
Trichloroethene
Concen: 138.953 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

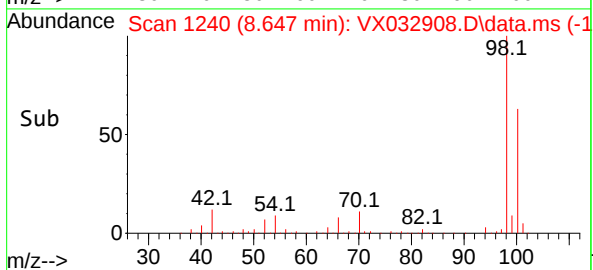
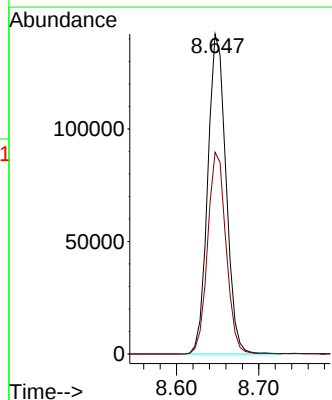
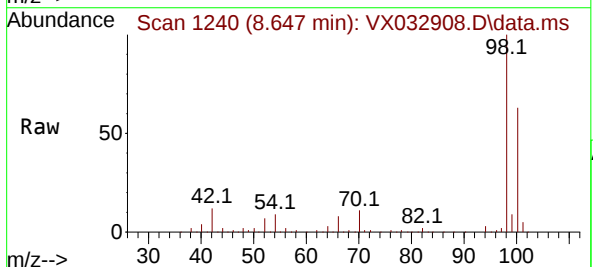
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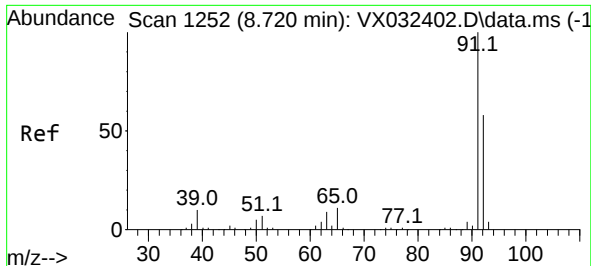
Tgt Ion:130 Resp: 192145
Ion Ratio Lower Upper
130 100
95 98.4 0.0 195.2



#50
Toluene-d8
Concen: 50.515 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion: 98 Resp: 218954
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

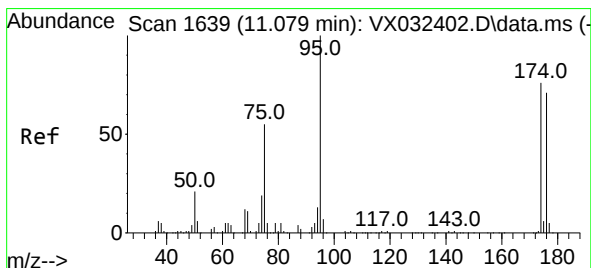
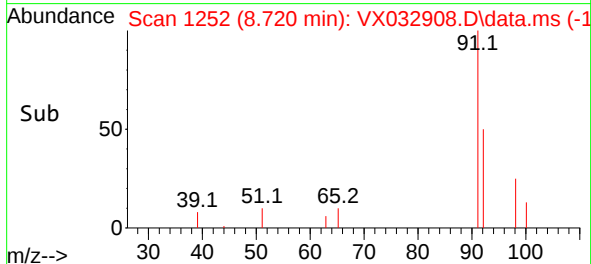
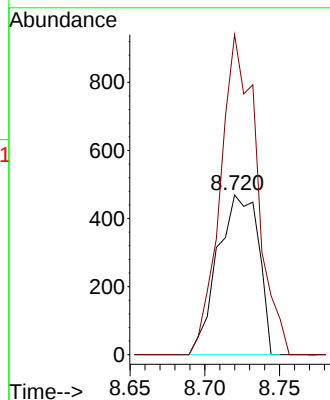
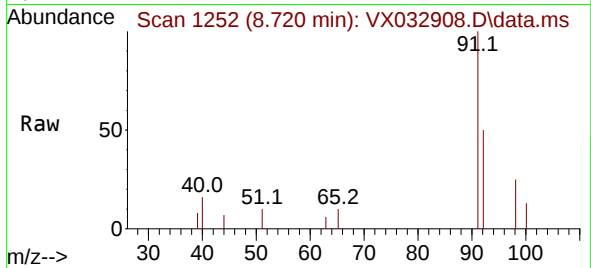




#52
Toluene
Concen: 0.278 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

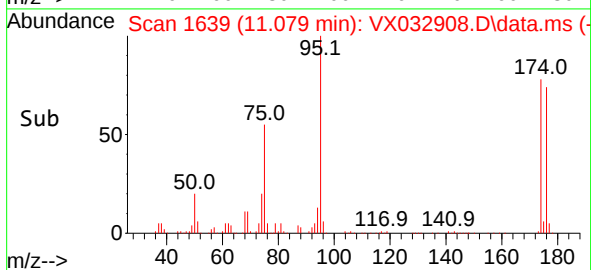
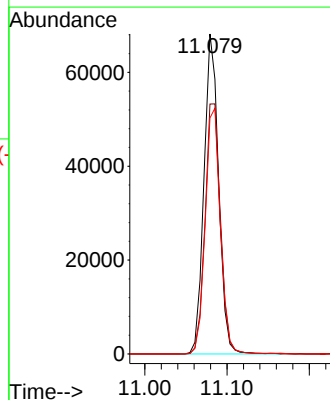
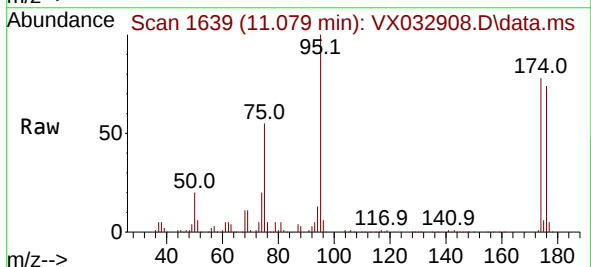
Instrument :
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RE125D3-20221116

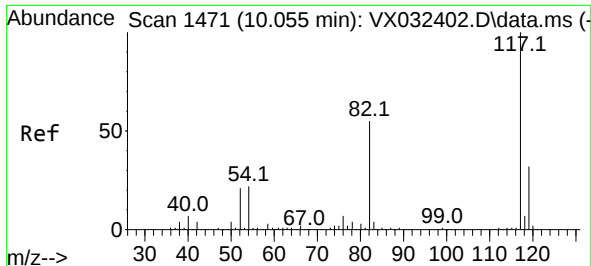
Tgt Ion: 92 Resp: 892
Ion Ratio Lower Upper
92 100
91 178.6 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 49.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

Tgt Ion: 95 Resp: 84386
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 79.5 0.0 154.4

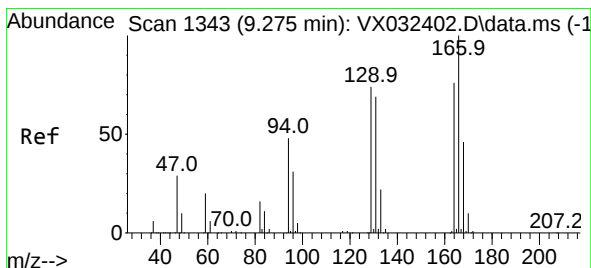
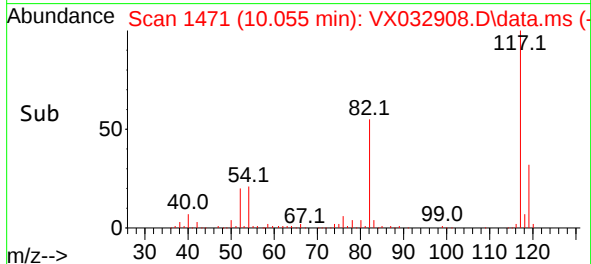
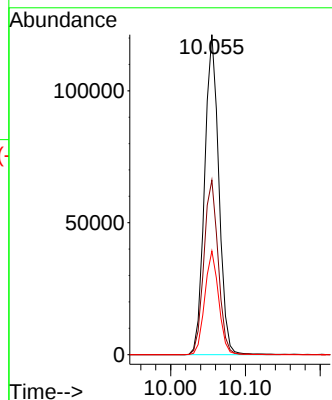
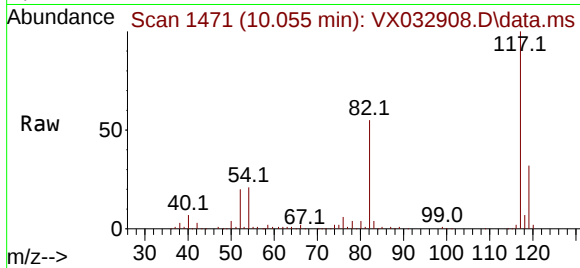




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

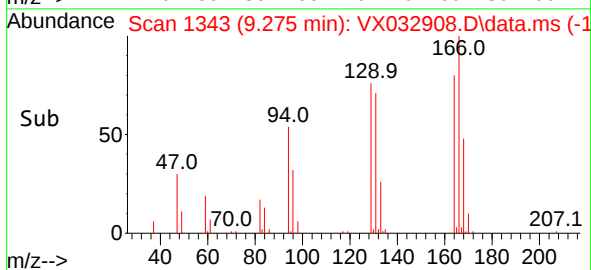
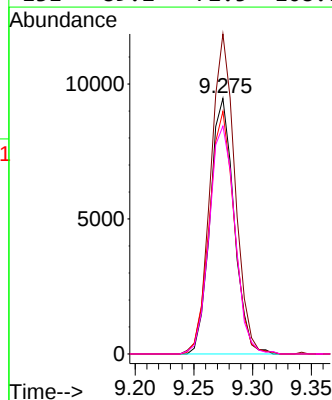
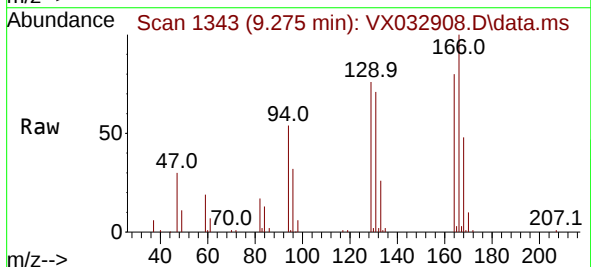
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20221116

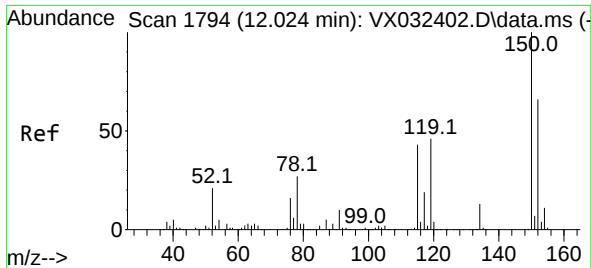
Tgt Ion:117 Resp: 160224
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 11.368 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032908.D
Acq: 17 Nov 2022 18:21

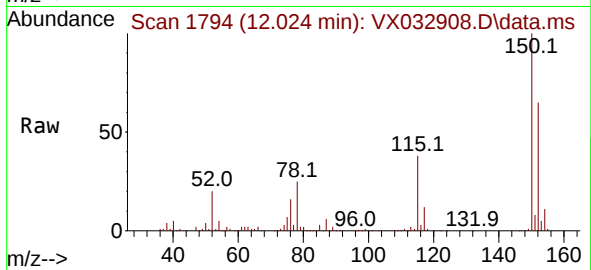
Tgt Ion:164 Resp: 13332
Ion Ratio Lower Upper
164 100
166 125.2 105.4 158.2
129 94.9 78.2 117.2
131 89.2 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032908.D
 Acq: 17 Nov 2022 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20221116



Tgt Ion:152 Resp: 75876
 Ion Ratio Lower Upper
 152 100
 115 59.5 44.0 132.0
 150 152.6 0.0 351.8

