

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024416.D
 Acq On : 22 Sep 2021 04:12
 Operator : JC/MD
 Sample : M3833-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20210920

Quant Time: Sep 22 04:57:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

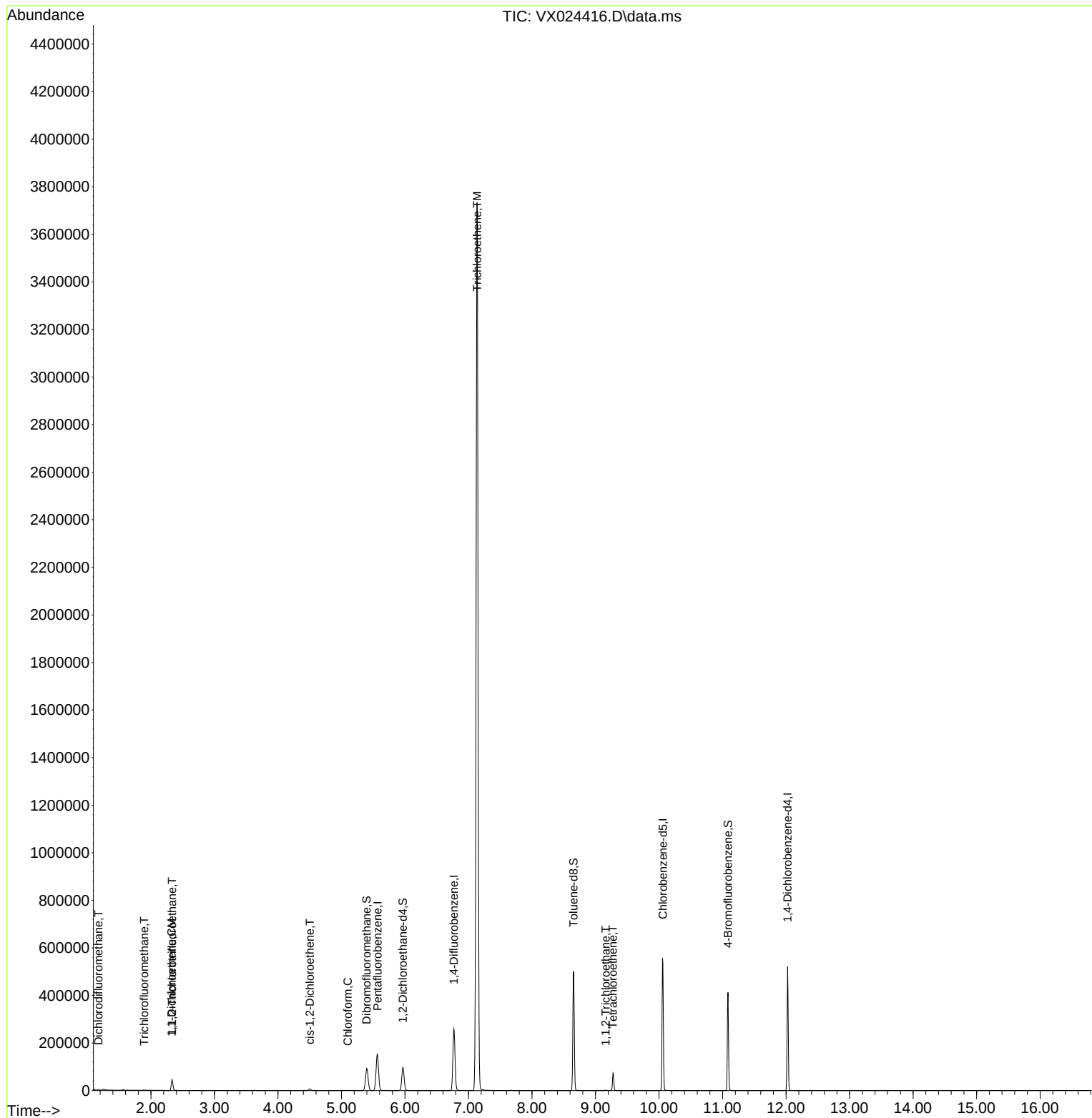
Internal Standards						
1) Pentafluorobenzene	5.568	168	140931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	262579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	252824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100289	49.904	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.800%
35) Dibromofluoromethane	5.397	113	78808	44.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.500%
50) Toluene-d8	8.653	98	290178	45.233	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.460%#
62) 4-Bromofluorobenzene	11.085	95	103354	41.399	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	468	0.345	ug/l	99
7) Trichlorofluoromethane	1.892	101	889	0.376	ug/l #	61
9) 1,1,2-Trichlorotrifluo...	2.331	101	13233	9.538	ug/l	98
12) 1,1-Dichloroethene	2.325	96	4604	3.543	ug/l	81
27) cis-1,2-Dichloroethene	4.501	96	4832	2.941	ug/l	92
30) Chloroform	5.099	83	1502	0.519	ug/l #	54
44) Trichloroethene	7.135	130	1408462	723.976	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	801	0.414	ug/l #	79
64) Tetrachloroethene	9.275	164	13949	7.122	ug/l	97

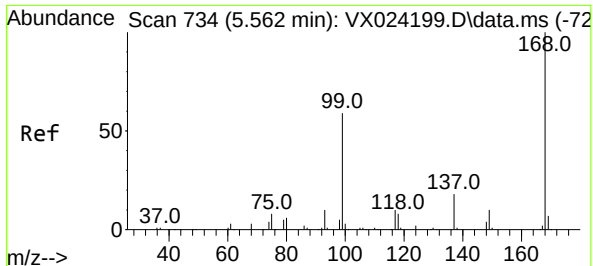
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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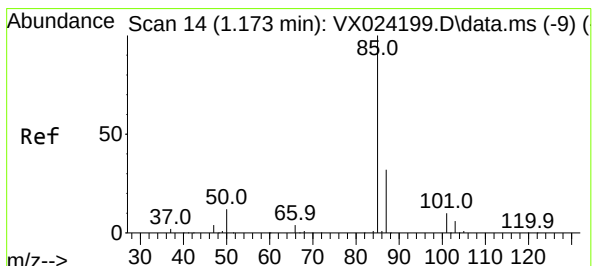
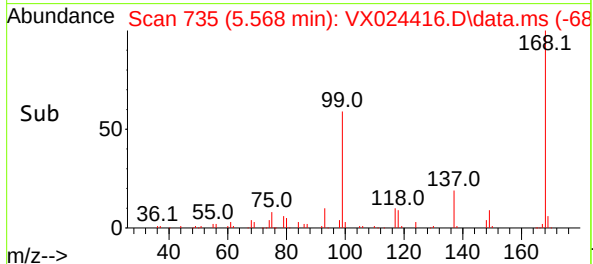
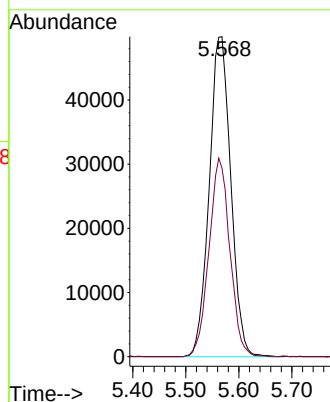
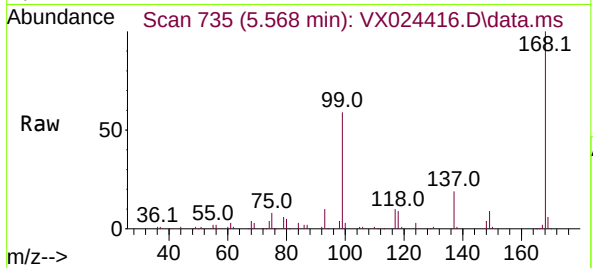




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

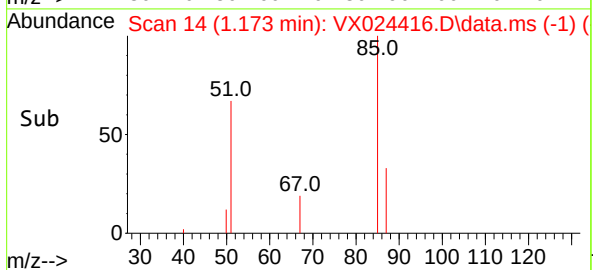
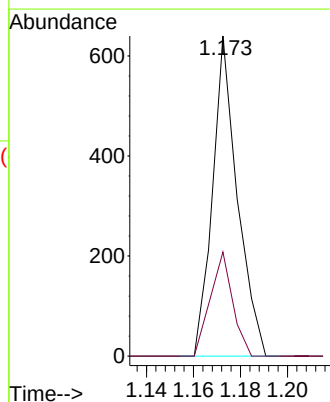
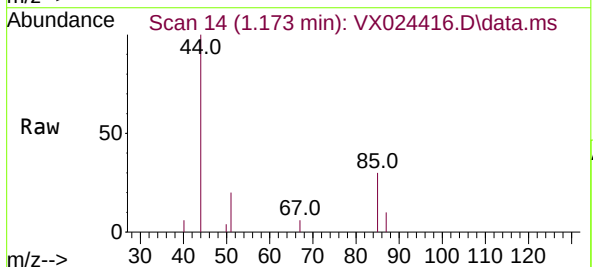
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210920

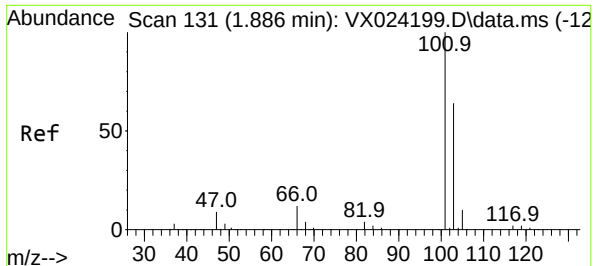
Tgt Ion:168 Resp: 140931
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.345 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

Tgt Ion: 85 Resp: 468
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2

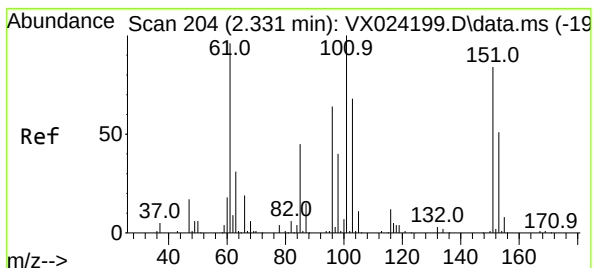
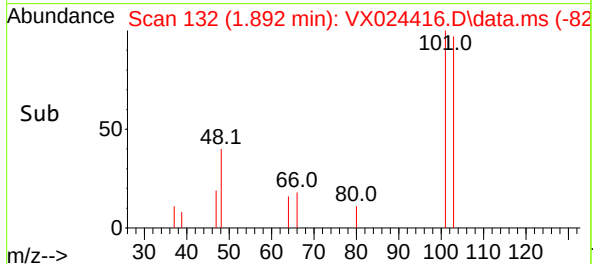
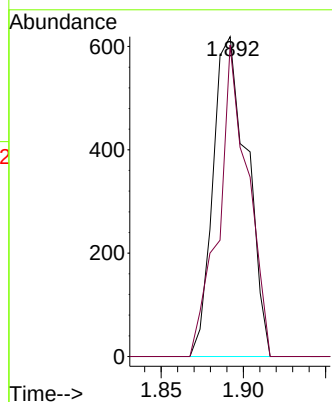
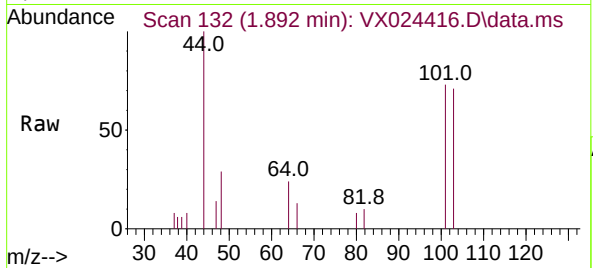




#7
 Trichlorofluoromethane
 Concen: 0.376 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. 0.006 min
 Lab File: VX024416.D
 Acq: 22 Sep 2021 04:12

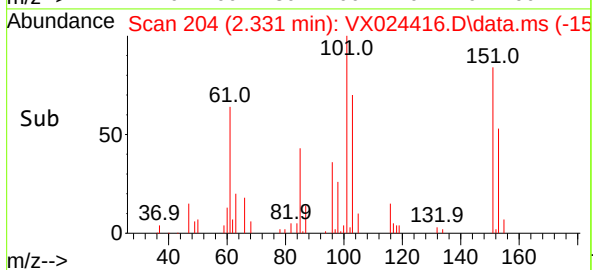
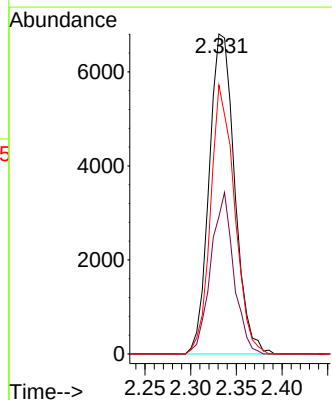
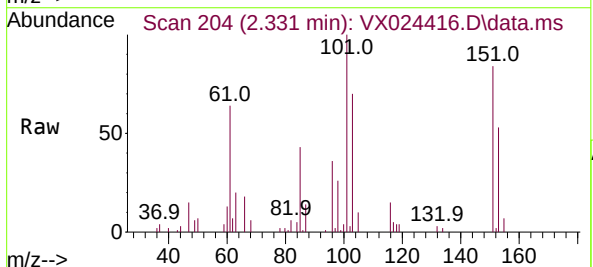
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20210920

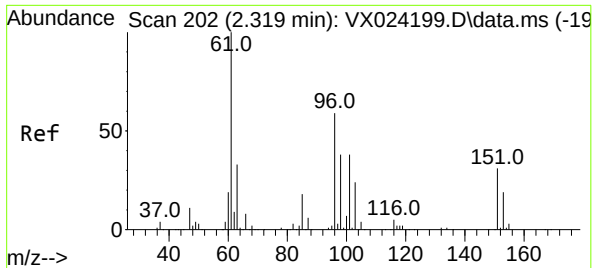
Tgt Ion:101 Resp: 889
 Ion Ratio Lower Upper
 101 100
 103 97.4 53.2 79.8#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.538 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX024416.D
 Acq: 22 Sep 2021 04:12

Tgt Ion:101 Resp: 13233
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.9 52.3
 151 78.8 61.4 92.2

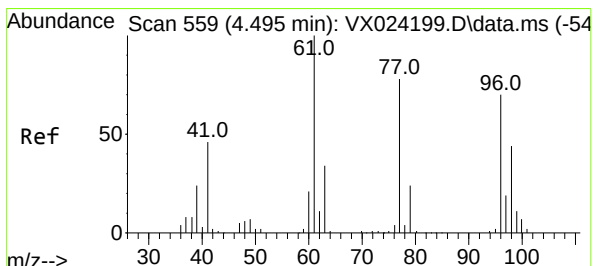
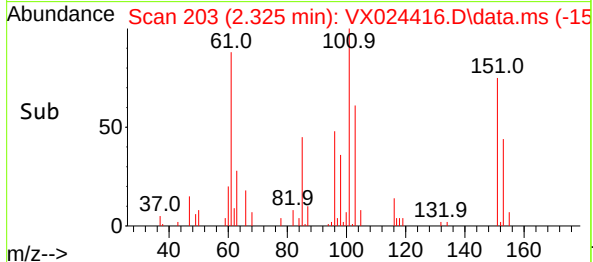
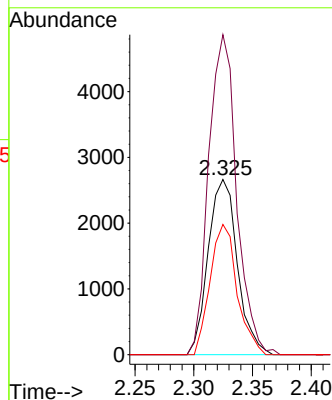
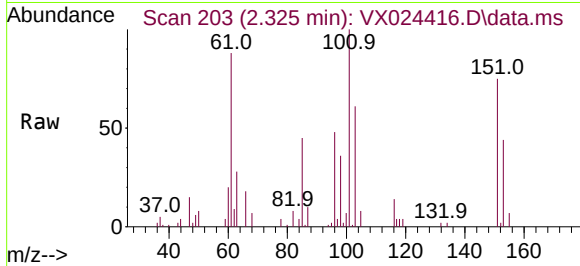




#12
1,1-Dichloroethene
Concen: 3.543 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

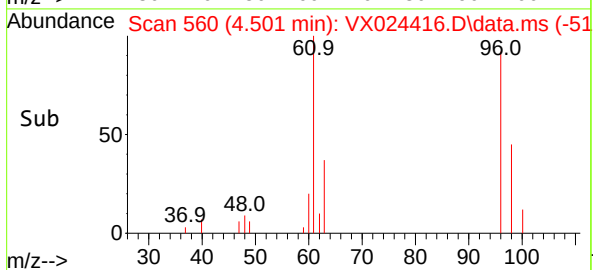
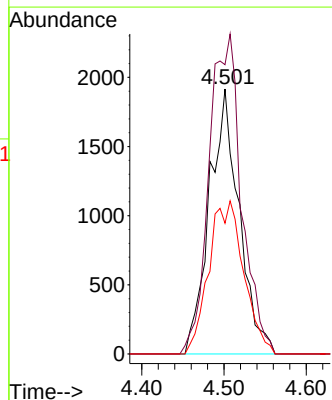
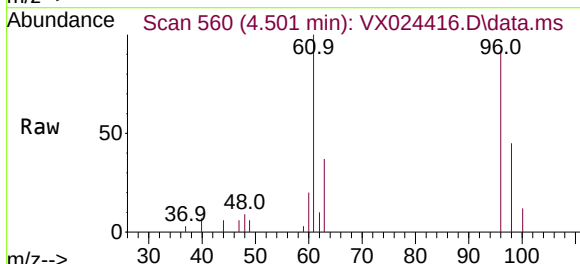
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210920

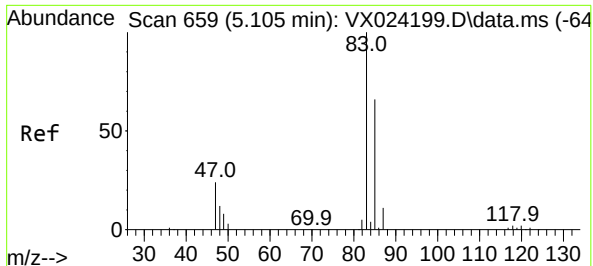
Tgt Ion: 96 Resp: 4604
Ion Ratio Lower Upper
96 100
61 182.6 124.6 187.0
98 74.3 50.6 76.0



#27
cis-1,2-Dichloroethene
Concen: 2.941 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

Tgt Ion: 96 Resp: 4832
Ion Ratio Lower Upper
96 100
61 131.1 0.0 285.6
98 67.6 0.0 129.6





#30

Chloroform

Concen: 0.519 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX024416.D

Acq: 22 Sep 2021 04:12

Tgt Ion: 83 Resp: 1502

Ion Ratio Lower Upper

83 100

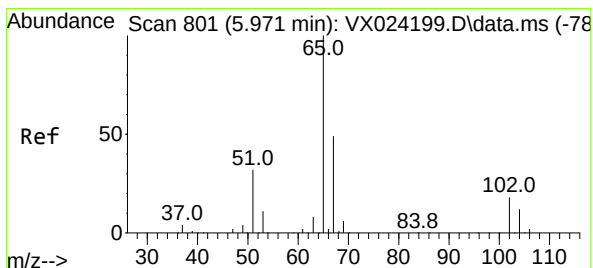
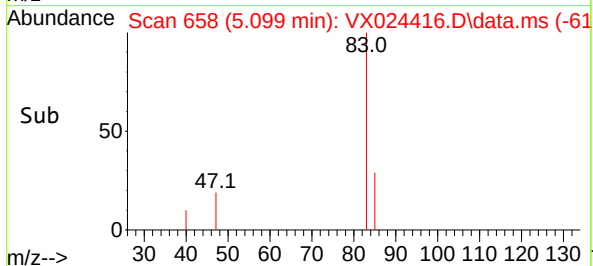
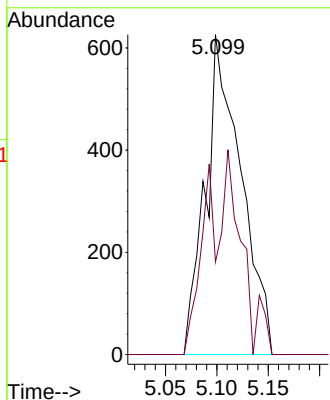
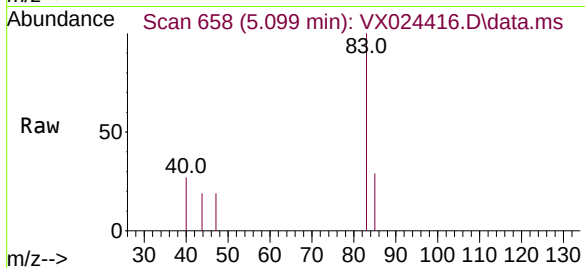
85 28.9 52.0 78.0#

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20210920



#33

1,2-Dichloroethane-d4

Concen: 49.904 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024416.D

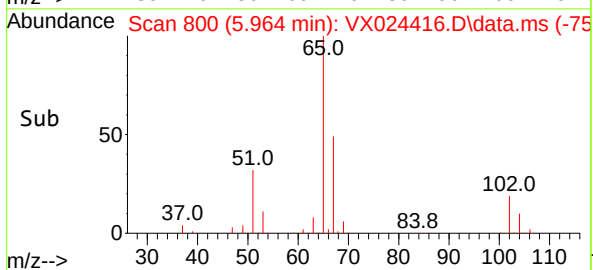
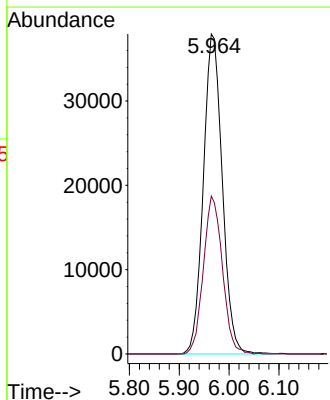
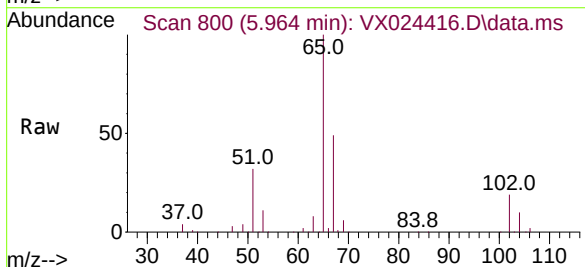
Acq: 22 Sep 2021 04:12

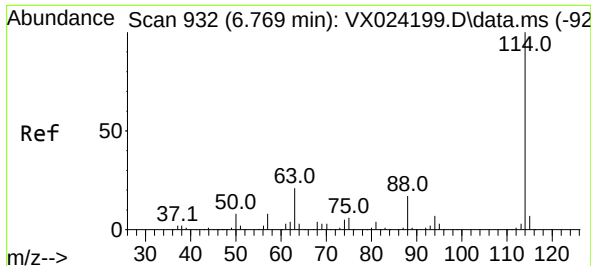
Tgt Ion: 65 Resp: 100289

Ion Ratio Lower Upper

65 100

67 49.4 0.0 105.4

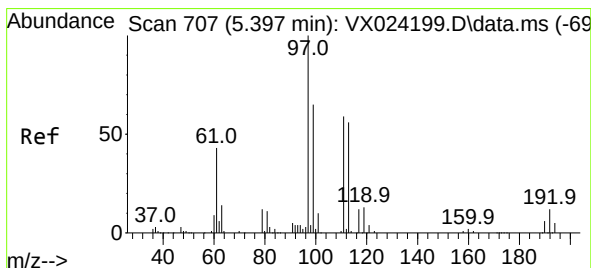
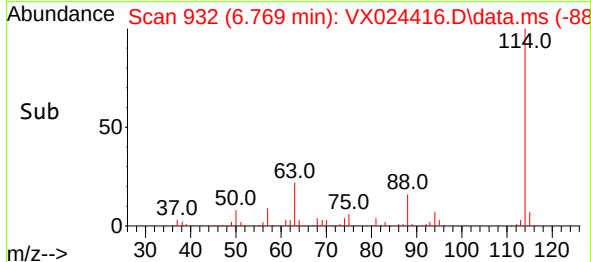
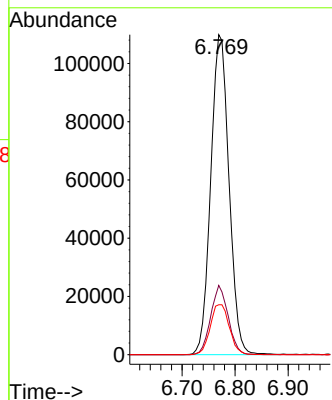
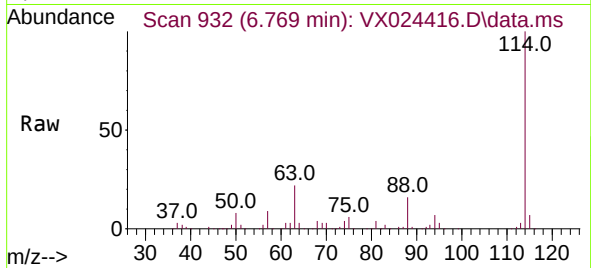




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

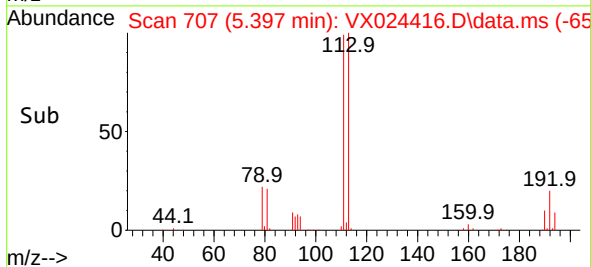
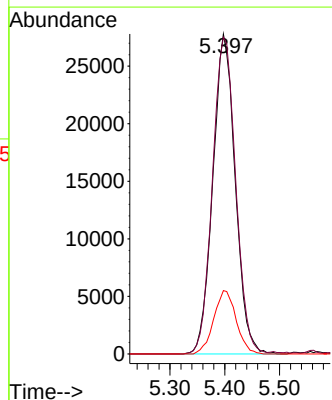
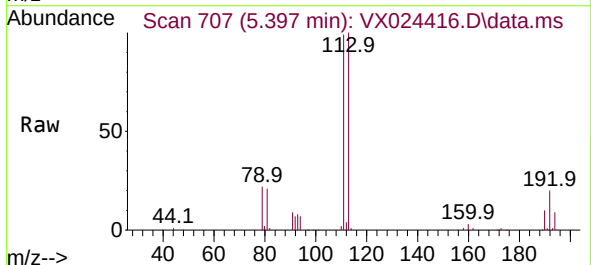
Instrument :
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ClientSampleId :
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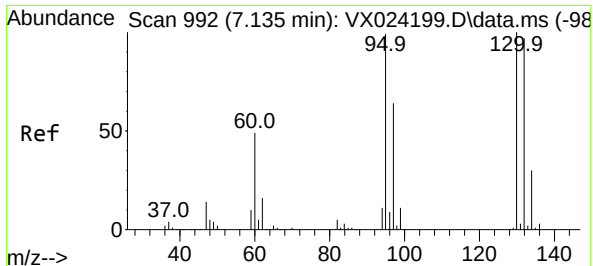
Tgt Ion:114 Resp: 262579
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 44.753 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

Tgt Ion:113 Resp: 78808
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.8 16.7 25.1

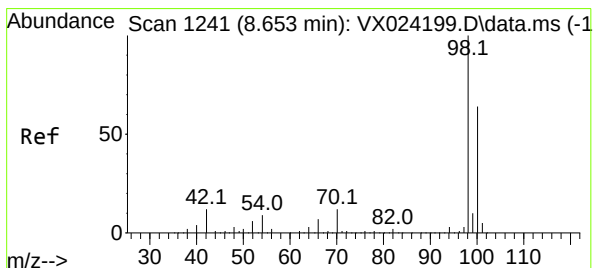
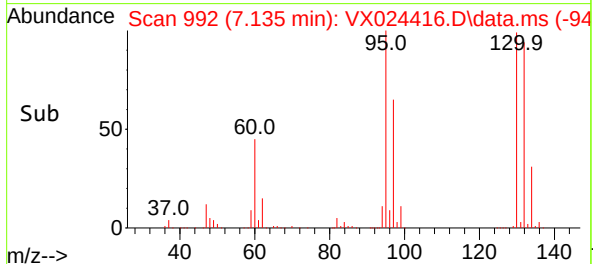
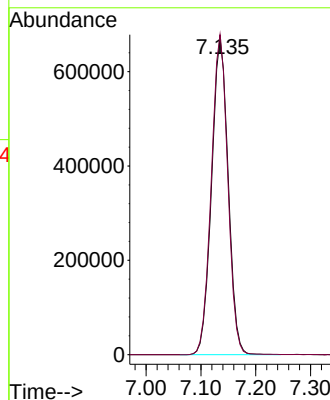
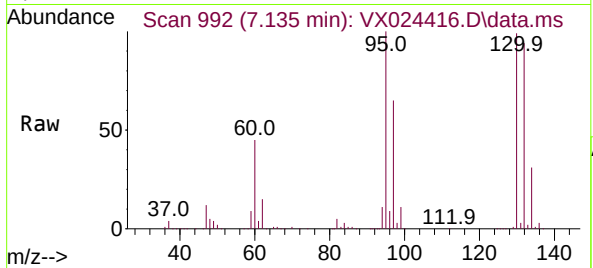




#44
Trichloroethene
Concen: 723.976 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

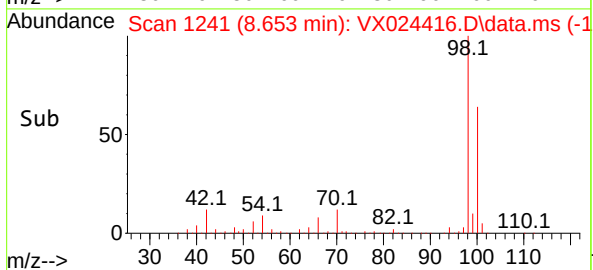
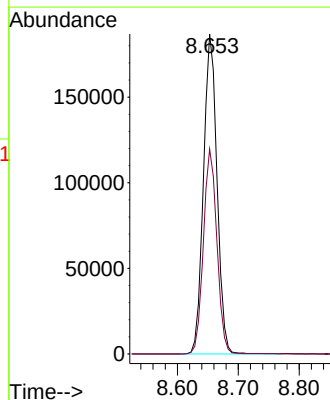
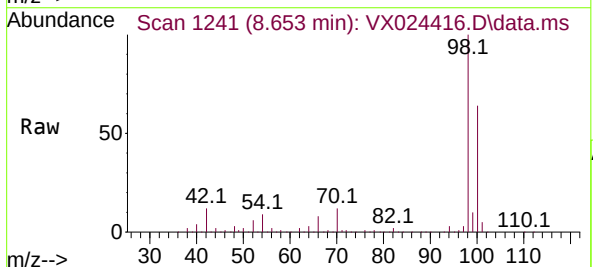
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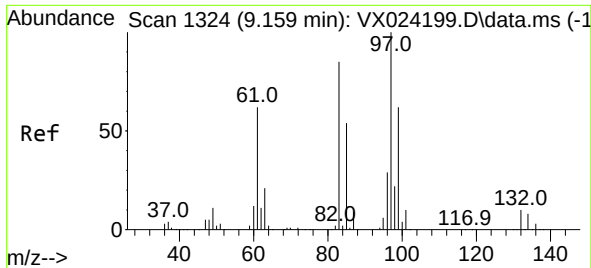
Tgt Ion:130 Resp: 1408462
Ion Ratio Lower Upper
130 100
95 100.9 0.0 198.0



#50
Toluene-d8
Concen: 45.233 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

Tgt Ion: 98 Resp: 290178
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

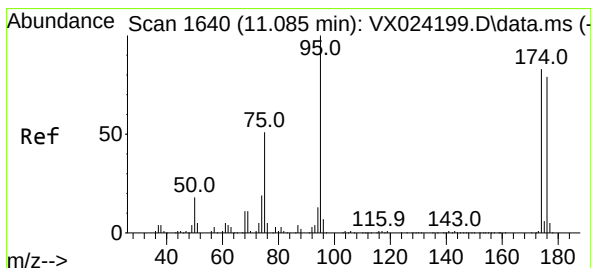
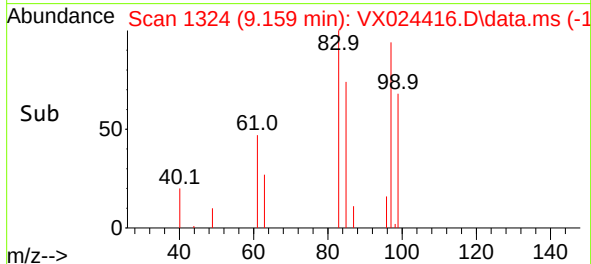
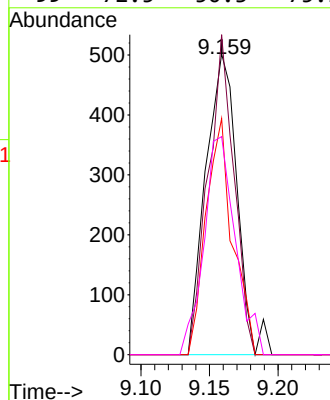
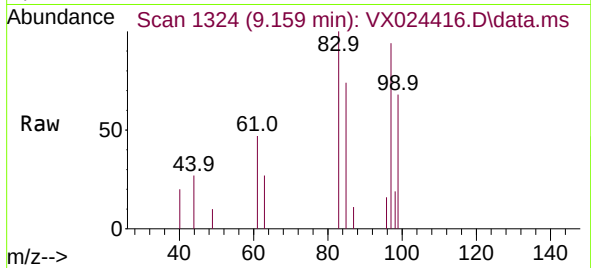




#55
1,1,2-Trichloroethane
Concen: 0.414 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

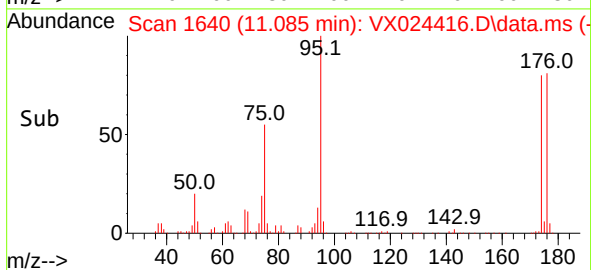
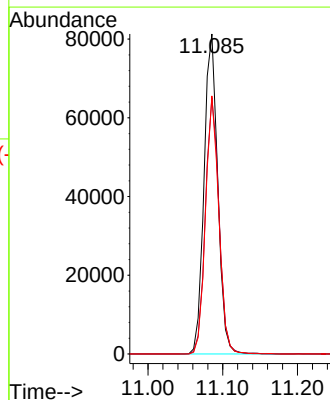
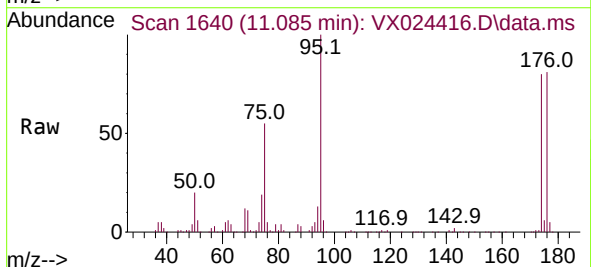
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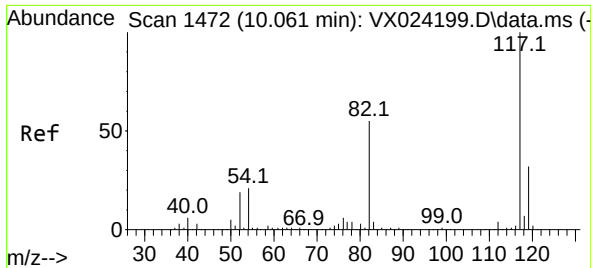
Tgt Ion: 97	Resp: 801
Ion Ratio	Lower Upper
97 100	
83 106.4	69.3 103.9#
85 78.5	44.3 66.5#
99 72.5	50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.399 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

Tgt Ion: 95	Resp: 103354
Ion Ratio	Lower Upper
95 100	
174 80.1	0.0 154.6
176 78.2	0.0 155.8

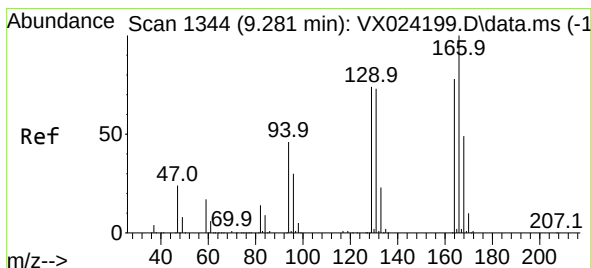
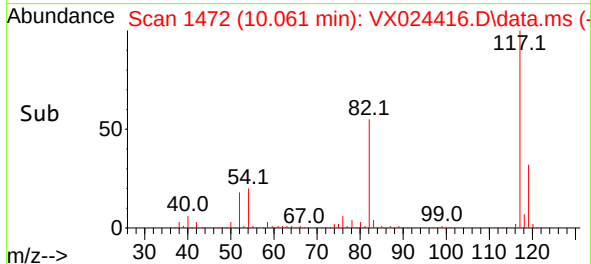
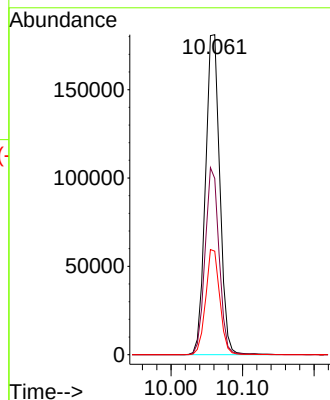
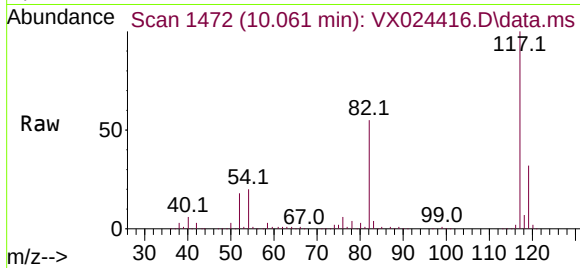




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

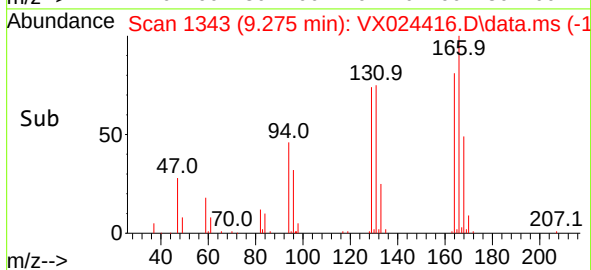
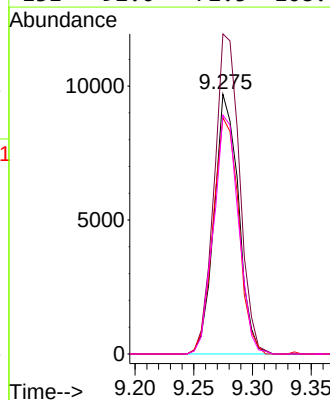
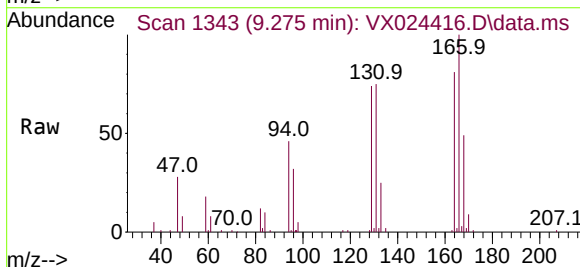
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20210920

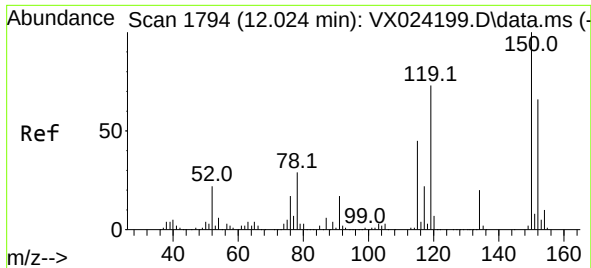
Tgt Ion:117	Resp:	252824
Ion Ratio	Lower	Upper
117	100	
82	55.0	47.4 71.2
119	32.4	26.6 39.8



#64
Tetrachloroethene
Concen: 7.122 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024416.D
Acq: 22 Sep 2021 04:12

Tgt Ion:164	Resp:	13949
Ion Ratio	Lower	Upper
164	100	
166	123.2	103.4 155.2
129	91.0	70.8 106.2
131	92.0	72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024416.D
 Acq: 22 Sep 2021 04:12

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20210920

Tgt Ion:152 Resp: 103029
 Ion Ratio Lower Upper
 152 100
 115 61.0 41.1 123.3
 150 158.4 0.0 349.0

