

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034445.D
 Acq On : 13 Mar 2023 20:07
 Operator : JC/MD
 Sample : 01879-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20230308

Quant Time: Mar 14 02:30:26 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)

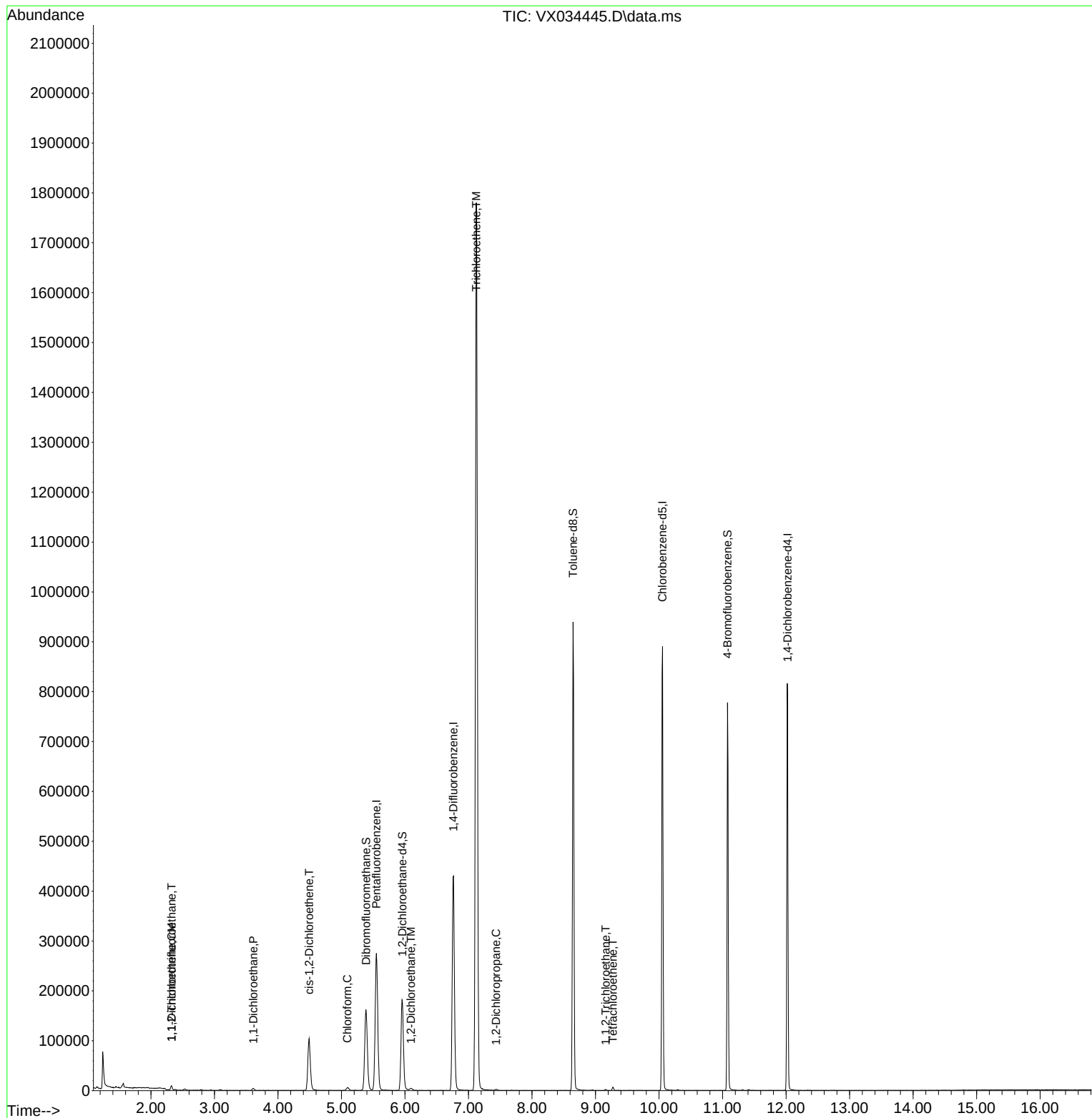
Internal Standards						
1) Pentafluorobenzene	5.550	168	258735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445391	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171223	45.489	ug/l	0.01
Spiked Amount	50.000	Range 78 - 117	Recovery	=	90.980%	
35) Dibromofluoromethane	5.385	113	141681	48.180	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.360%	
50) Toluene-d8	8.647	98	536094	48.835	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.660%	
62) 4-Bromofluorobenzene	11.079	95	198701	44.811	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.620%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1183	0.411	ug/l	91
12) 1,1-Dichloroethene	2.325	96	2255	0.796	ug/l #	69
24) 1,1-Dichloroethane	3.611	63	4236	0.720	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	64880	17.917	ug/l	88
30) Chloroform	5.093	83	6227	1.079	ug/l	100
42) 1,2-Dichloroethane	6.092	62	4285	0.882	ug/l	89
44) Trichloroethene	7.123	130	673878	196.289	ug/l	100
45) 1,2-Dichloropropane	7.434	63	890	0.258	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	663	0.204	ug/l	87
64) Tetrachloroethene	9.275	164	924	0.348	ug/l	87

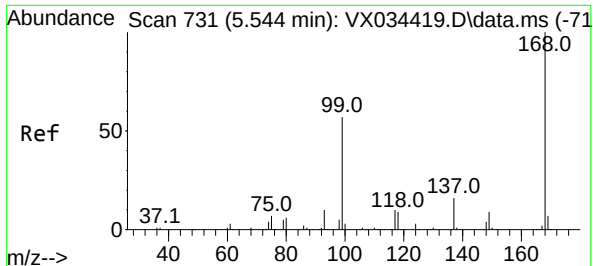
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE104D2-20230308

Quant Time: Mar 14 02:30:26 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

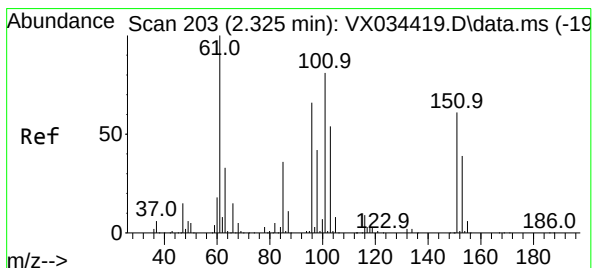
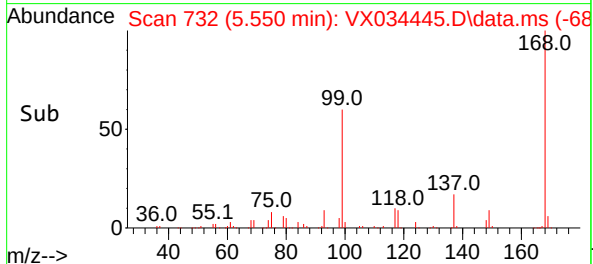
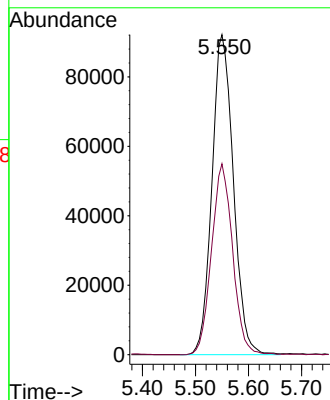
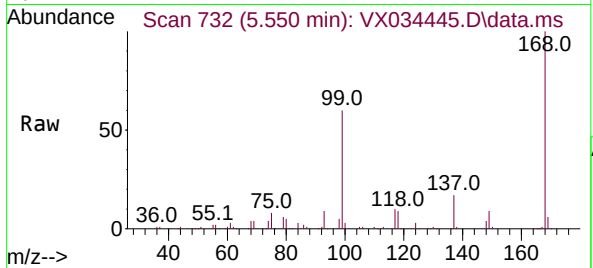




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

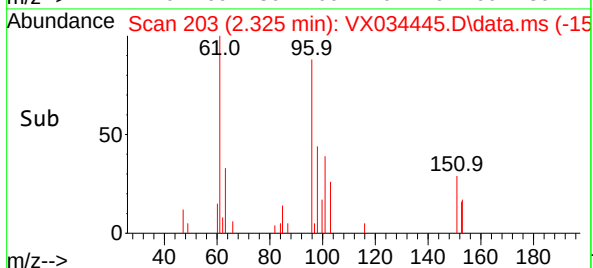
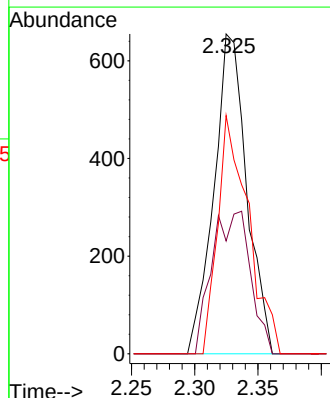
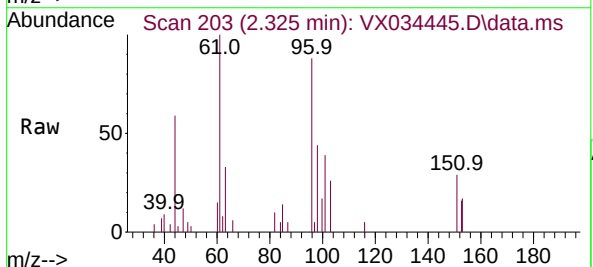
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230308

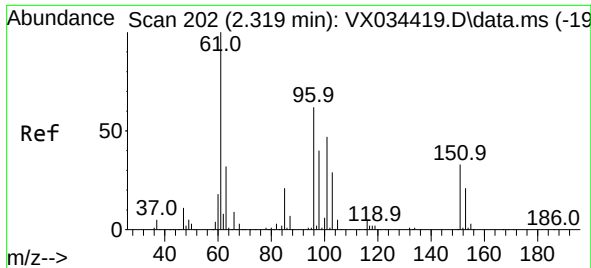
Tgt Ion:168 Resp: 258735
Ion Ratio Lower Upper
168 100
99 59.7 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.411 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

Tgt Ion:101 Resp: 1183
Ion Ratio Lower Upper
101 100
85 52.2 35.4 53.2
151 69.7 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.796 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034445.D

Acq: 13 Mar 2023 20:07

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20230308

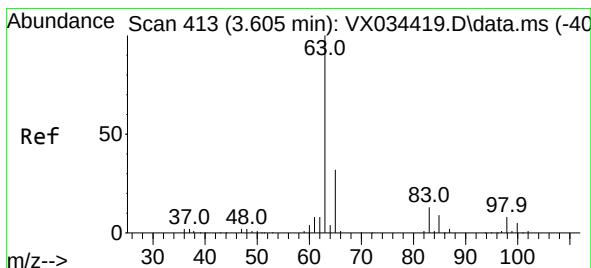
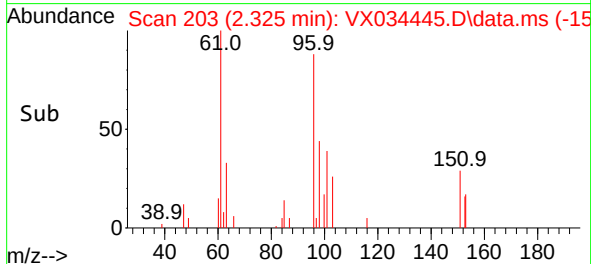
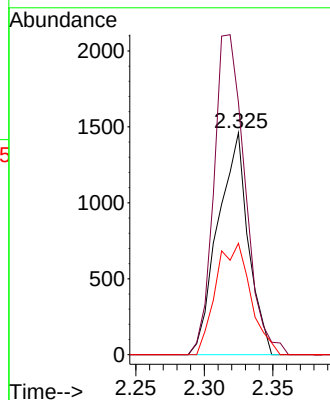
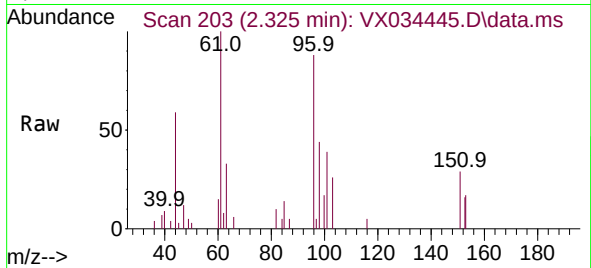
Tgt Ion: 96 Resp: 2255

Ion Ratio Lower Upper

96 100

61 113.7 128.8 193.2#

98 50.2 51.4 77.0#



#24

1,1-Dichloroethane

Concen: 0.720 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX034445.D

Acq: 13 Mar 2023 20:07

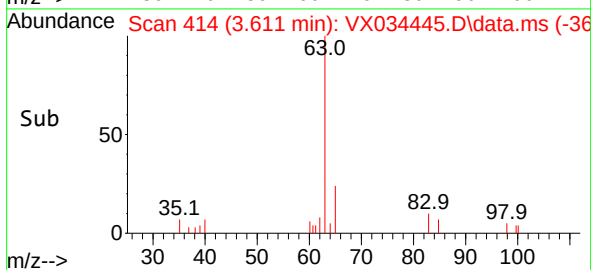
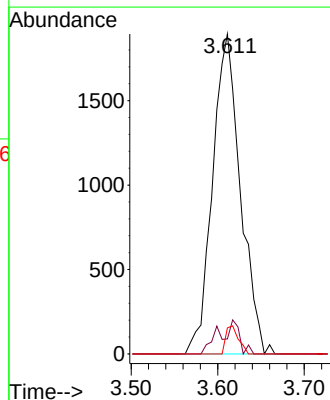
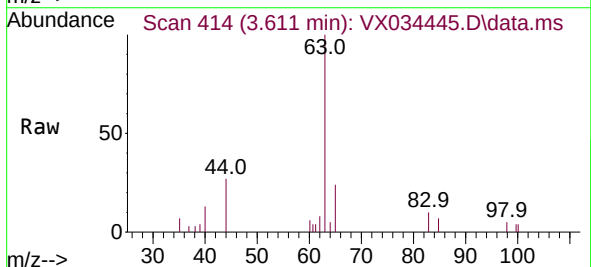
Tgt Ion: 63 Resp: 4236

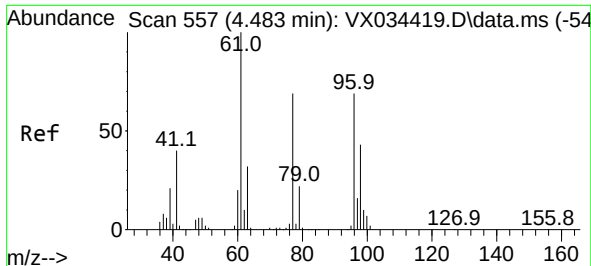
Ion Ratio Lower Upper

63 100

98 4.7 3.8 11.2

100 8.1 2.4 7.1#

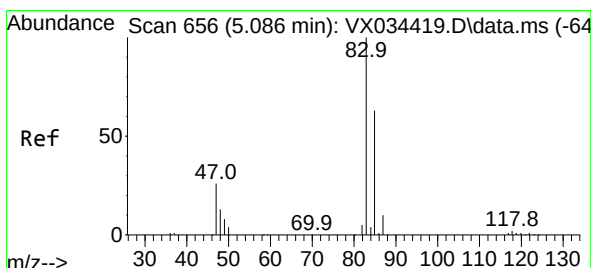
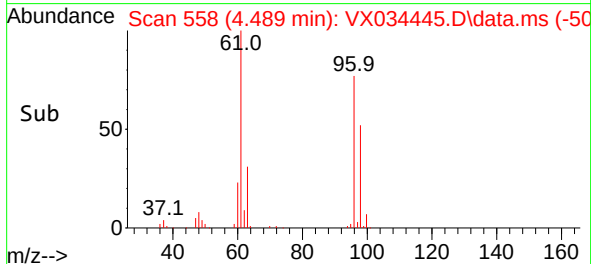
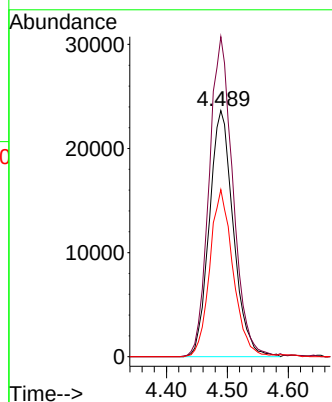
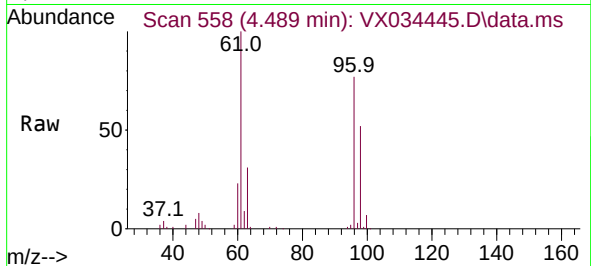




#27
 cis-1,2-Dichloroethene
 Concen: 17.917 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX034445.D
 Acq: 13 Mar 2023 20:07

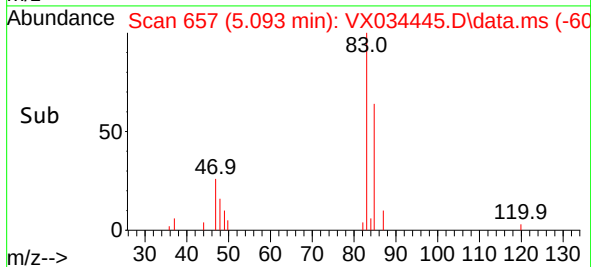
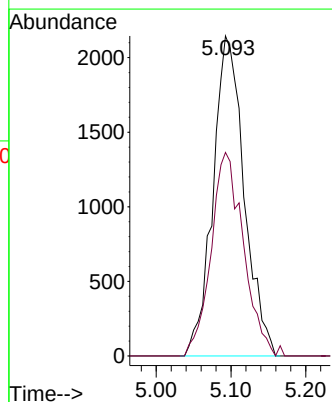
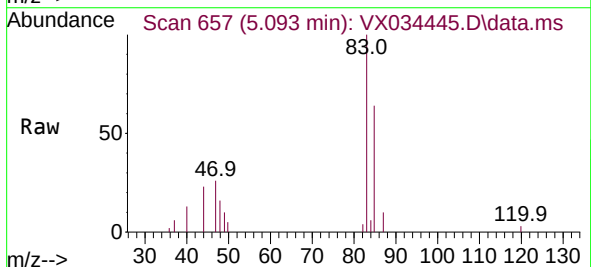
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20230308

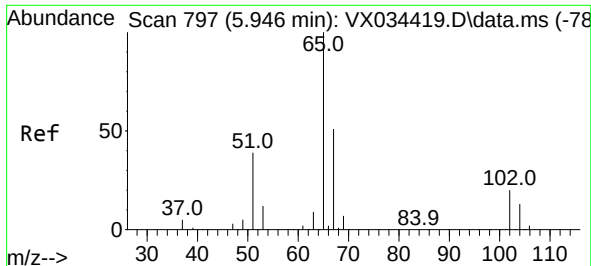
Tgt Ion: 96 Resp: 64880
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 300.4
 98 65.7 0.0 129.0



#30
 Chloroform
 Concen: 1.079 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. 0.006 min
 Lab File: VX034445.D
 Acq: 13 Mar 2023 20:07

Tgt Ion: 83 Resp: 6227
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 45.489 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034445.D

Acq: 13 Mar 2023 20:07

Instrument :

MSVOA_X

ClientSampleId :

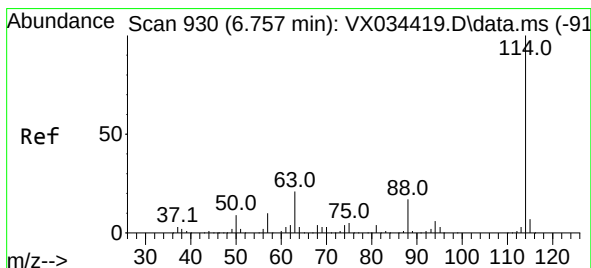
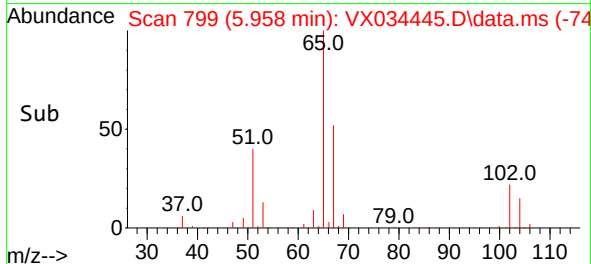
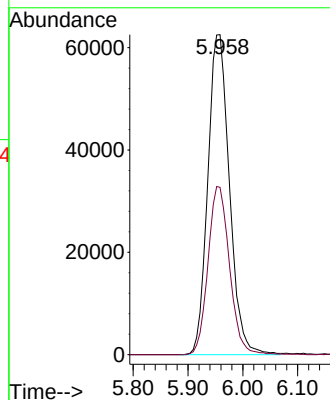
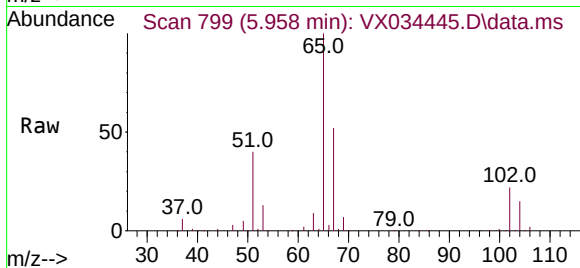
RE104D2-20230308

Tgt Ion: 65 Resp: 171223

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034445.D

Acq: 13 Mar 2023 20:07

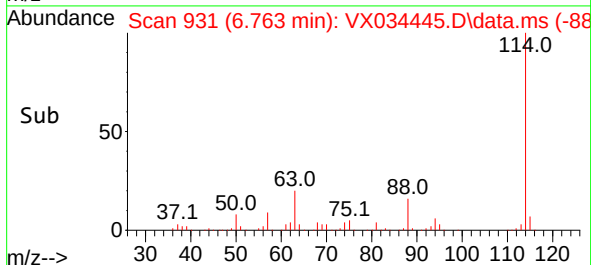
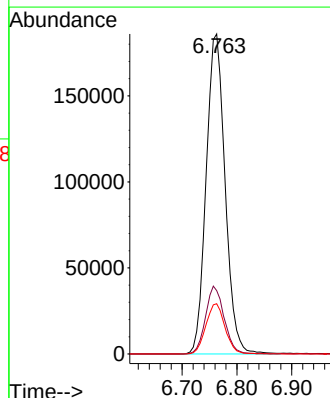
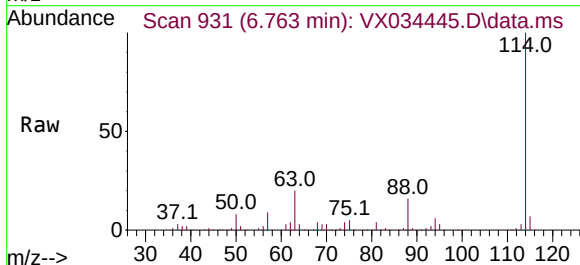
Tgt Ion: 114 Resp: 445391

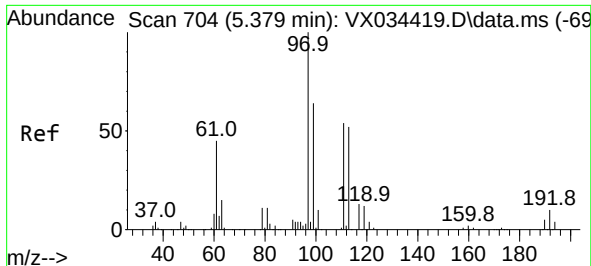
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

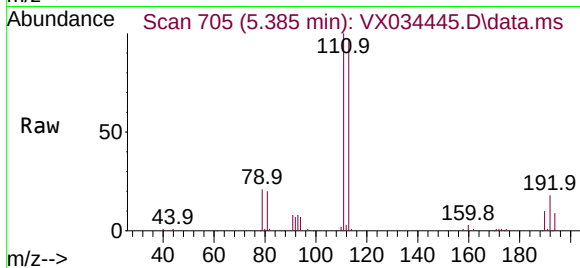
88 15.7 0.0 33.2



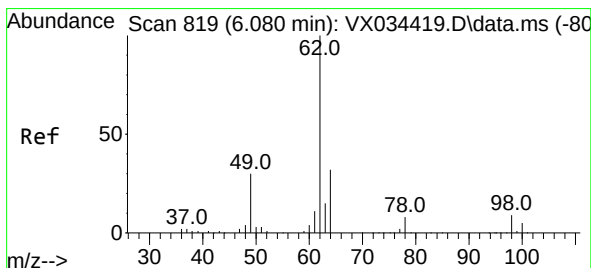
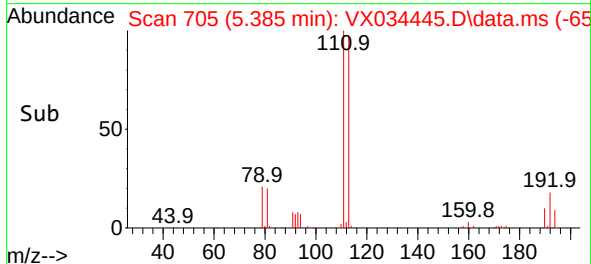
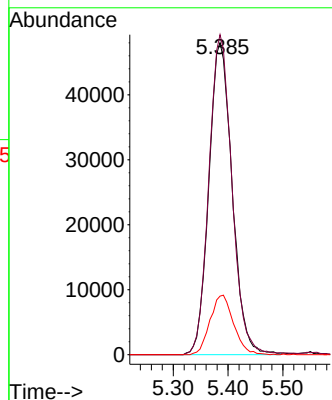


#35
Dibromofluoromethane
Concen: 48.180 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230308

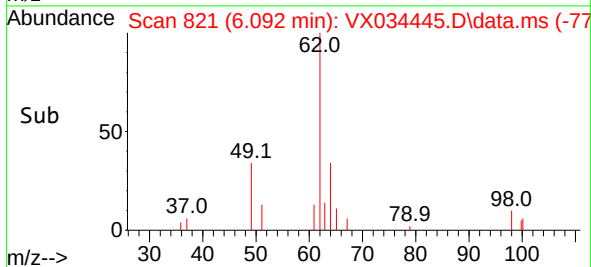
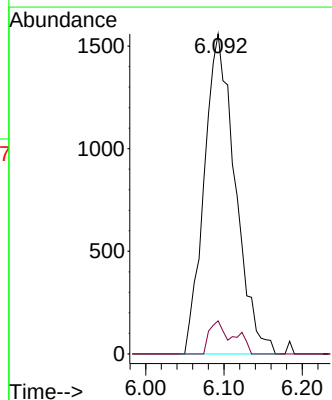
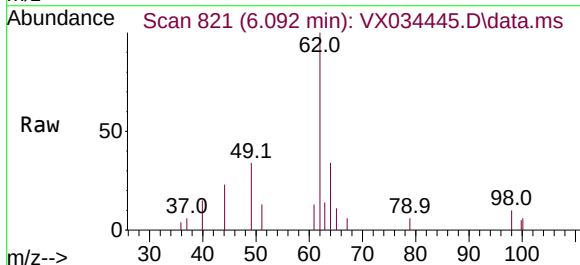


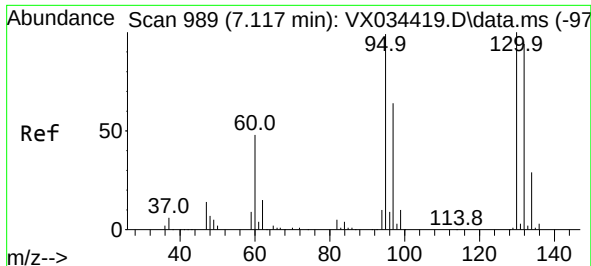
Tgt Ion:113 Resp: 141681
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 19.3 15.4 23.2



#42
1,2-Dichloroethane
Concen: 0.882 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

Tgt Ion: 62 Resp: 4285
Ion Ratio Lower Upper
62 100
98 5.0 0.0 18.0

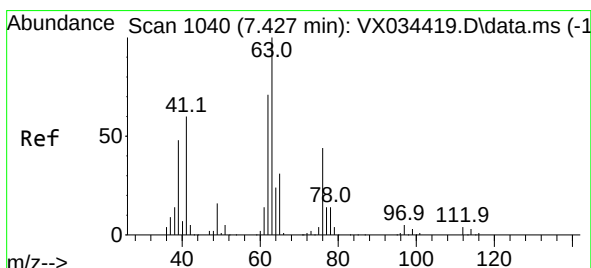
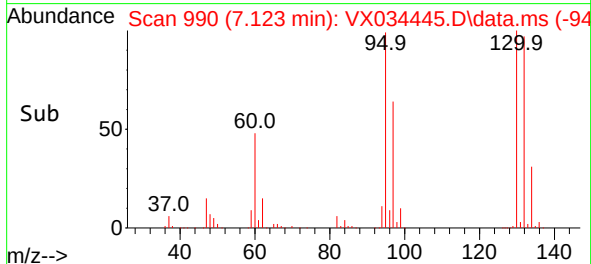
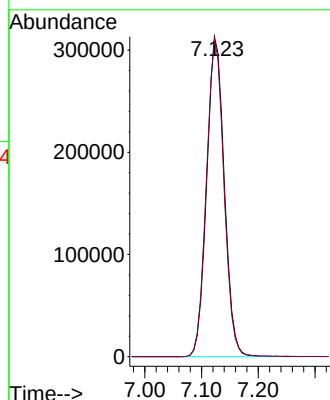
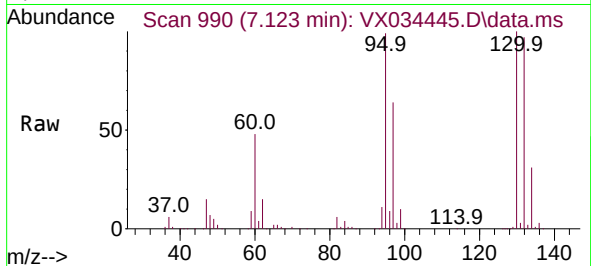




#44
Trichloroethene
Concen: 196.289 ug/l
RT: 7.123 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

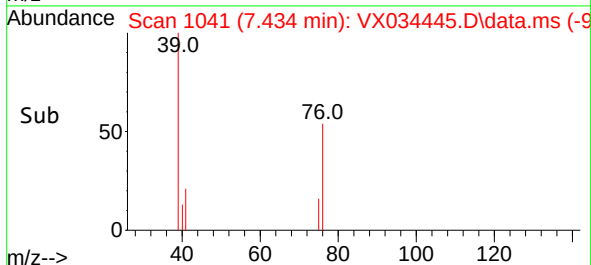
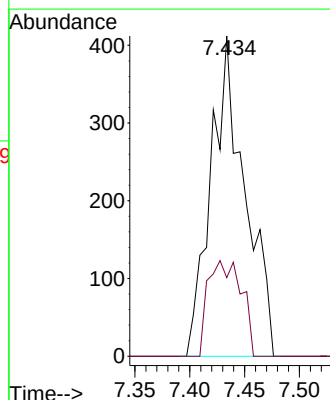
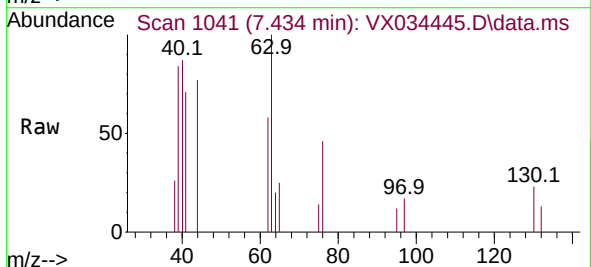
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RE104D2-20230308

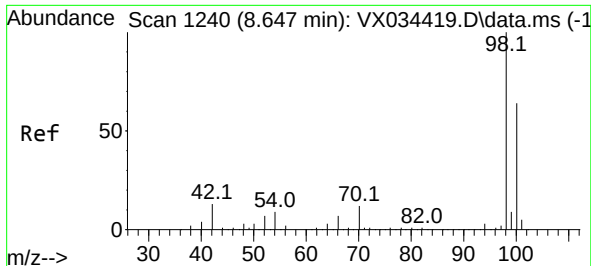
Tgt Ion:130 Resp: 673878
Ion Ratio Lower Upper
130 100
95 99.4 0.0 198.4



#45
1,2-Dichloropropane
Concen: 0.258 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

Tgt Ion: 63 Resp: 890
Ion Ratio Lower Upper
63 100
65 24.5 24.6 37.0#

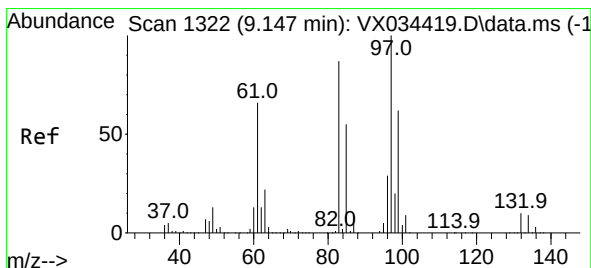
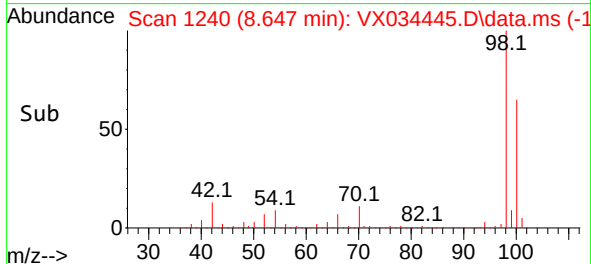
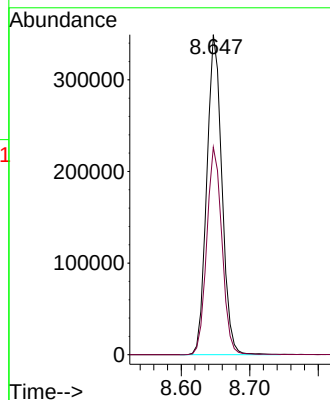
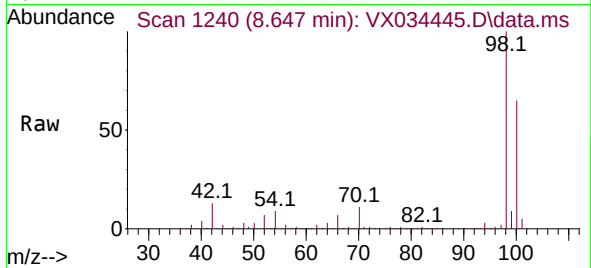




#50
Toluene-d8
Concen: 48.835 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

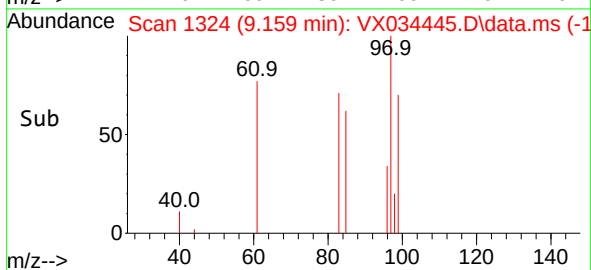
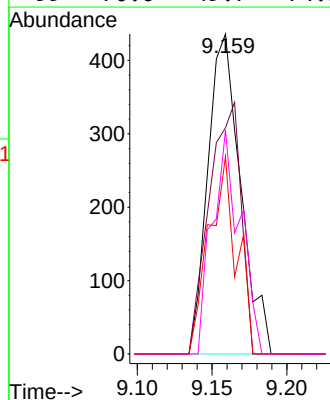
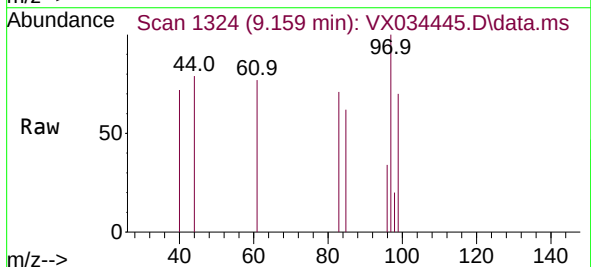
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230308

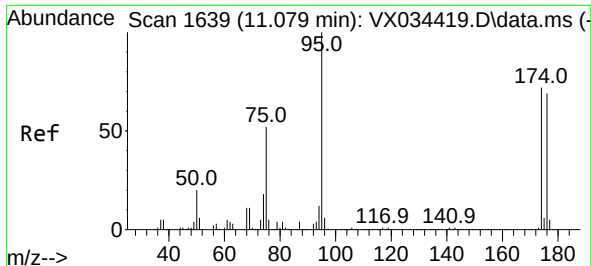
Tgt Ion: 98 Resp: 536094
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#55
1,1,2-Trichloroethane
Concen: 0.204 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.012 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

Tgt Ion: 97 Resp: 663
Ion Ratio Lower Upper
97 100
83 70.6 69.7 104.5
85 61.7 43.7 65.5
99 70.0 49.7 74.5

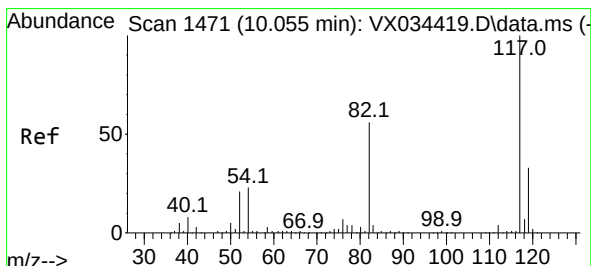
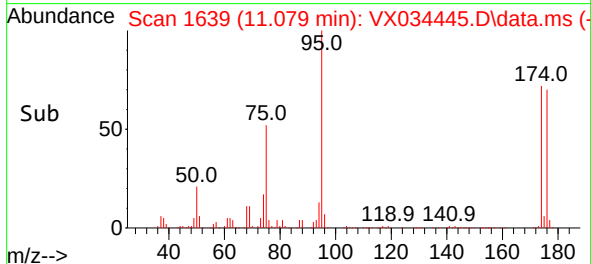
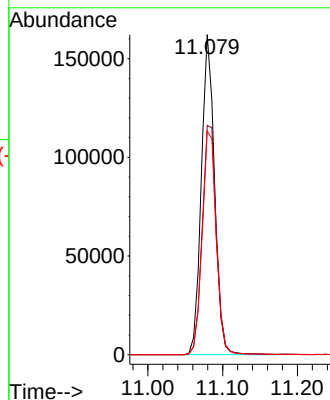
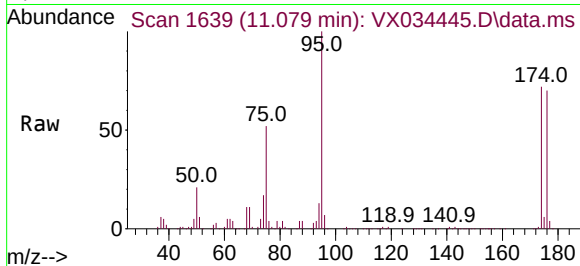




#62
4-Bromofluorobenzene
Concen: 44.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

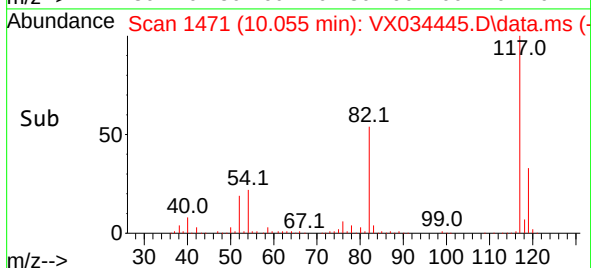
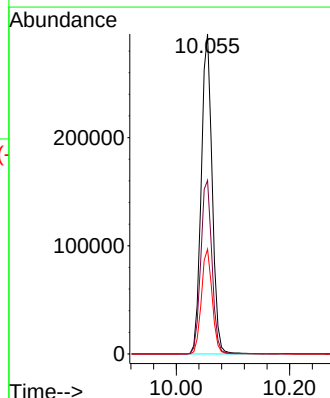
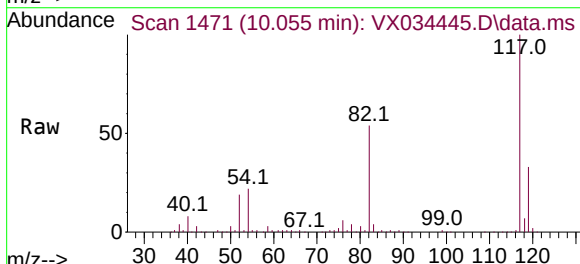
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230308

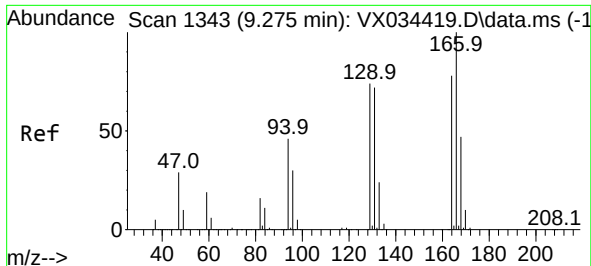
Tgt Ion: 95 Resp: 198701
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.4
176 74.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

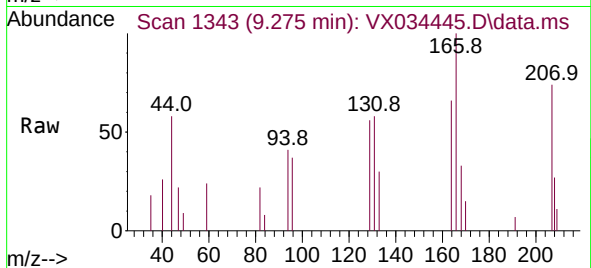
Tgt Ion: 117 Resp: 394862
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.7 26.0 39.0



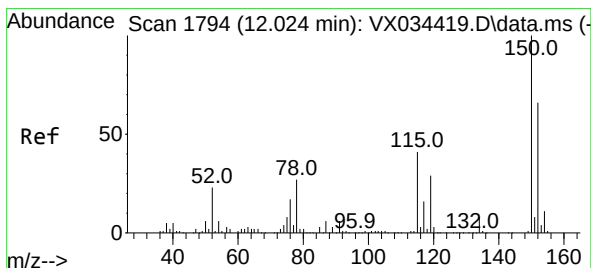
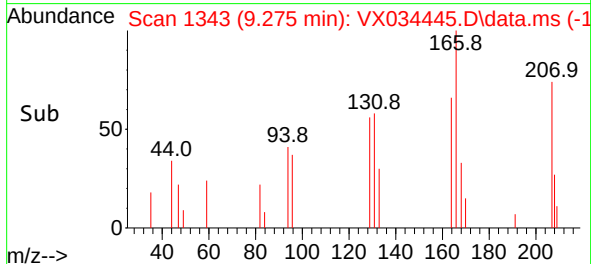
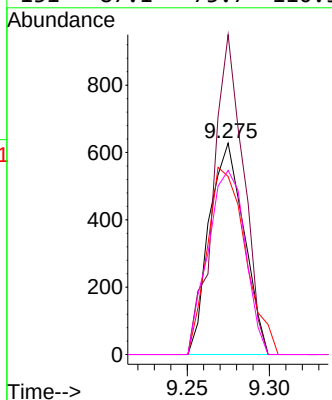


#64
Tetrachloroethene
Concen: 0.348 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230308



Tgt Ion:164 Resp: 924
Ion Ratio Lower Upper
164 100
166 151.3 102.7 154.1
129 84.2 75.6 113.4
131 87.1 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034445.D
Acq: 13 Mar 2023 20:07

Tgt Ion:152 Resp: 165904
Ion Ratio Lower Upper
152 100
115 58.8 45.0 135.0
150 156.1 0.0 352.4

