

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034446.D
 Acq On : 13 Mar 2023 20:30
 Operator : JC/MD
 Sample : 01879-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20230309

Quant Time: Mar 14 02:30:55 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)

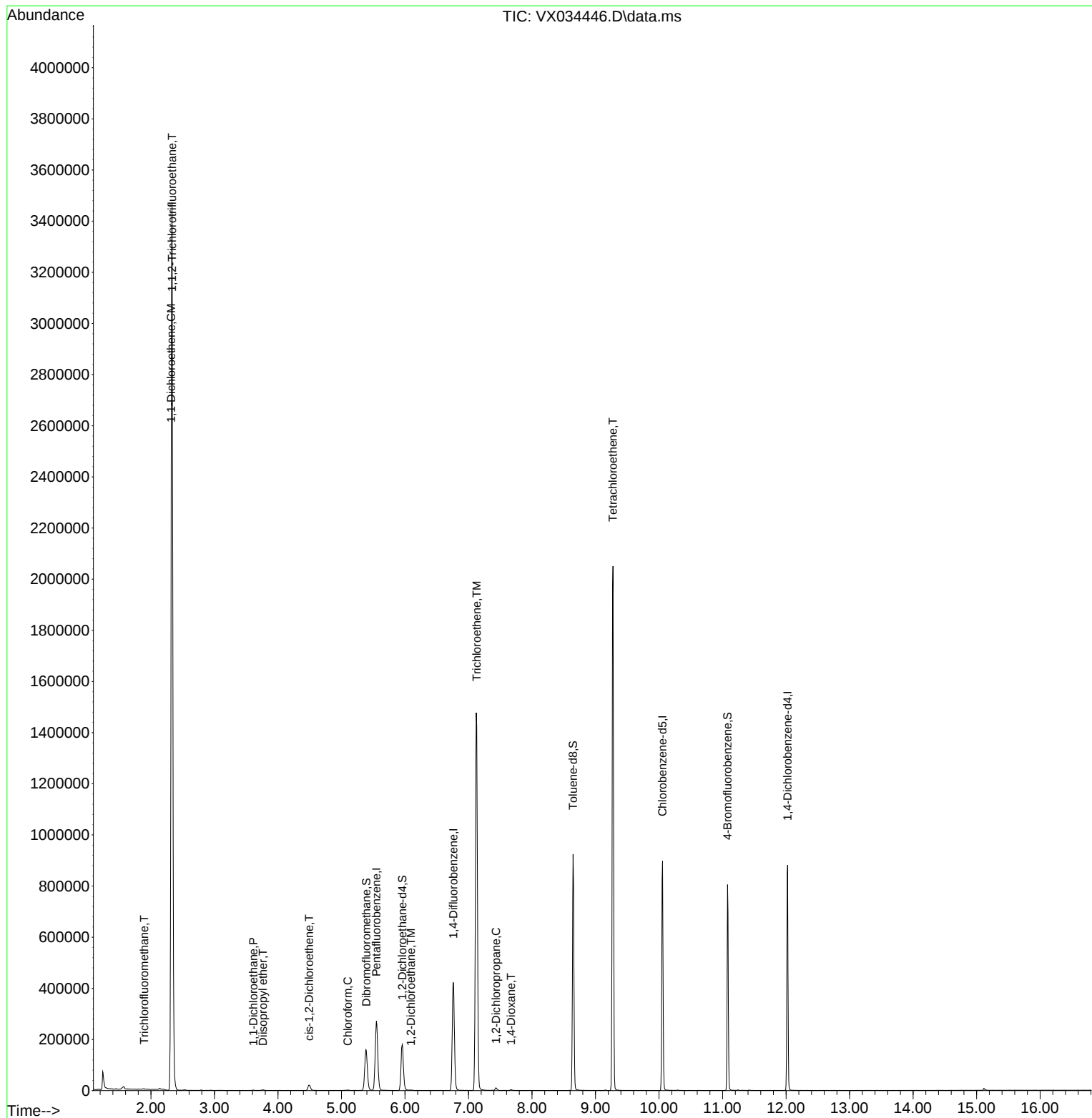
Internal Standards						
1) Pentafluorobenzene	5.550	168	258937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	438695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167384	44.434	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.860%		
35) Dibromofluoromethane	5.391	113	138636	47.864	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.720%		
50) Toluene-d8	8.647	98	537334	49.695	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.380%		
62) 4-Bromofluorobenzene	11.079	95	204028	46.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.420%		
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.892	101	990	0.200	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	1379942	479.432	ug/l	100
12) 1,1-Dichloroethene	2.319	96	12293	4.337	ug/l	90
22) Diisopropyl ether	3.764	45	2593	0.237	ug/l #	68
24) 1,1-Dichloroethane	3.611	63	2043	0.347	ug/l #	93
27) cis-1,2-Dichloroethene	4.489	96	14234	3.928	ug/l	86
30) Chloroform	5.099	83	1805	0.313	ug/l #	61
42) 1,2-Dichloroethane	6.092	62	1875	0.392	ug/l	83
44) Trichloroethene	7.129	130	571378	168.973	ug/l	96
45) 1,2-Dichloropropane	7.434	63	4229	1.245	ug/l	99
49) 1,4-Dioxane	7.671	88	2520	30.299	ug/l	95
64) Tetrachloroethene	9.275	164	378908	142.044	ug/l	98

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

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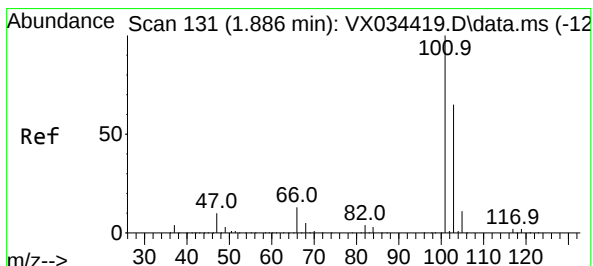
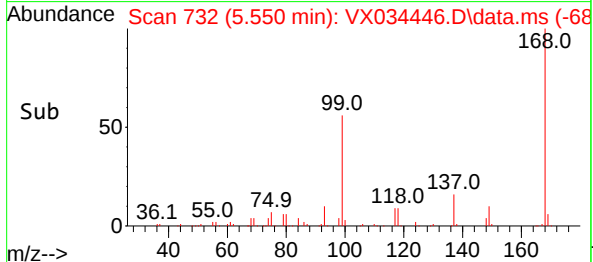
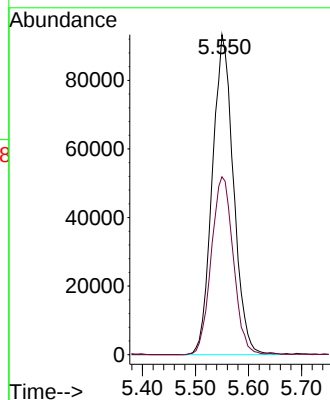
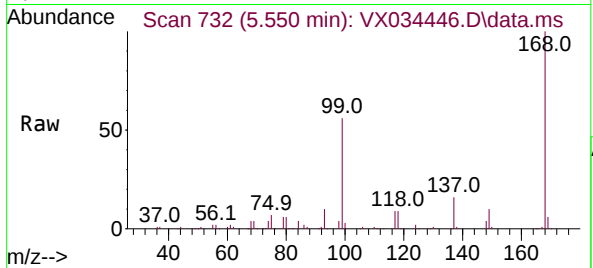




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

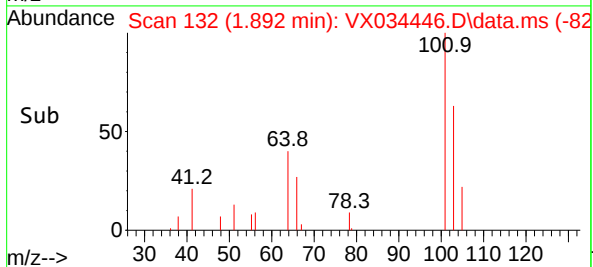
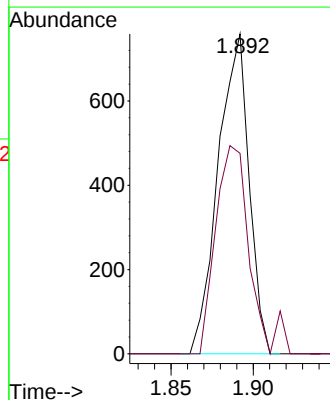
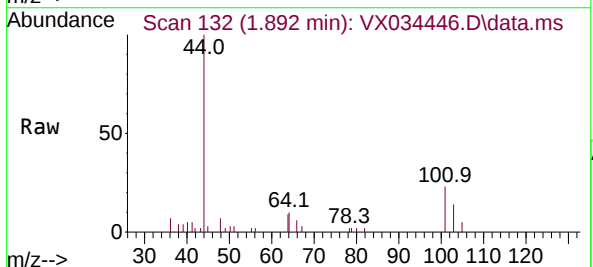
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309

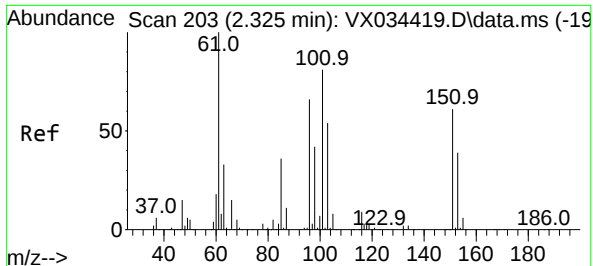
Tgt Ion:168 Resp: 258937
Ion Ratio Lower Upper
168 100
99 55.6 45.7 68.5



#7
Trichlorofluoromethane
Concen: 0.200 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

Tgt Ion:101 Resp: 990
Ion Ratio Lower Upper
101 100
103 62.7 52.0 78.0

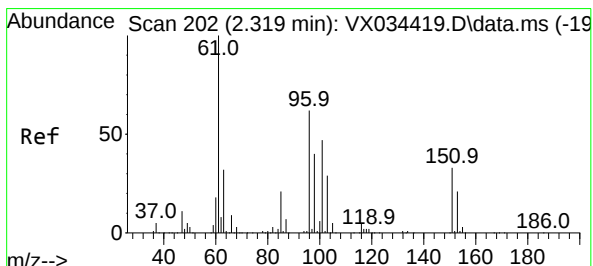
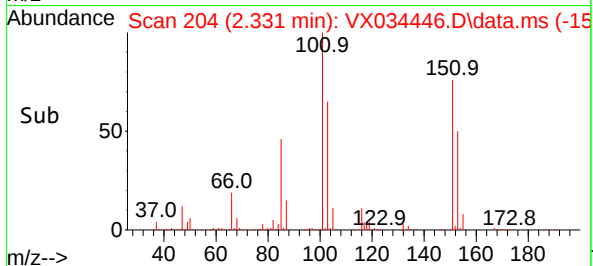
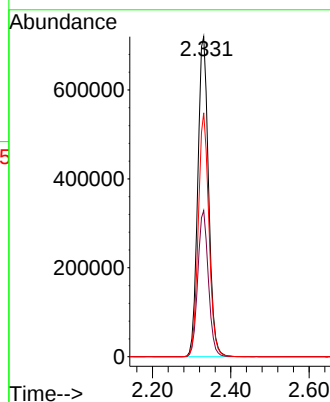
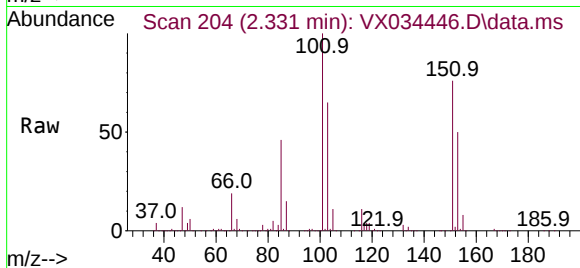




#9
1,1,2-Trichlorotrifluoroethane
Concen: 479.432 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

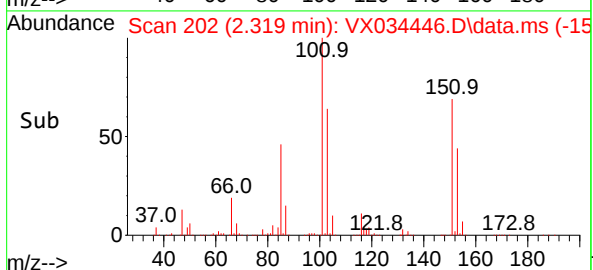
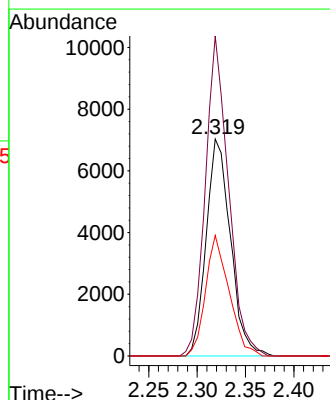
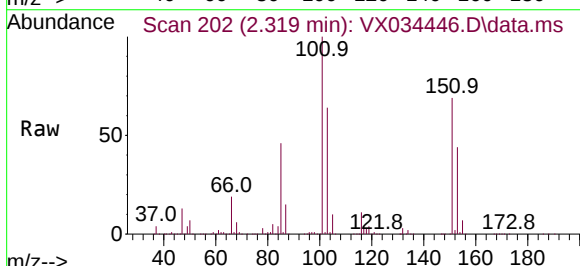
Instrument :
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ClientSampleId :
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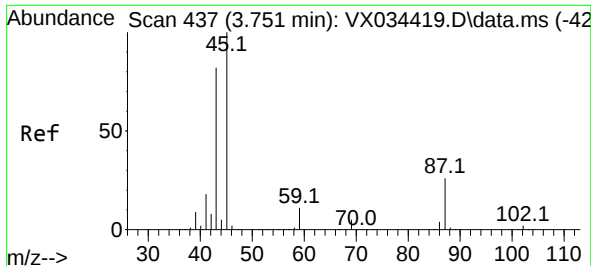
Tgt Ion:101 Resp: 1379942
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.2
151 75.3 60.2 90.4



#12
1,1-Dichloroethene
Concen: 4.337 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

Tgt Ion: 96 Resp: 12293
Ion Ratio Lower Upper
96 100
61 147.5 128.8 193.2
98 55.5 51.4 77.0

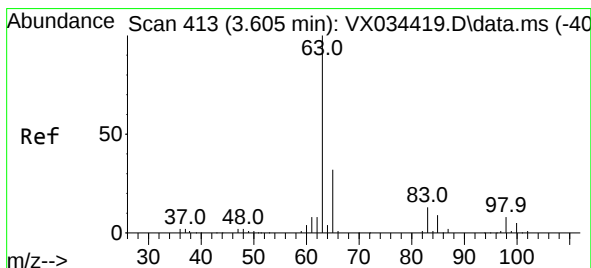
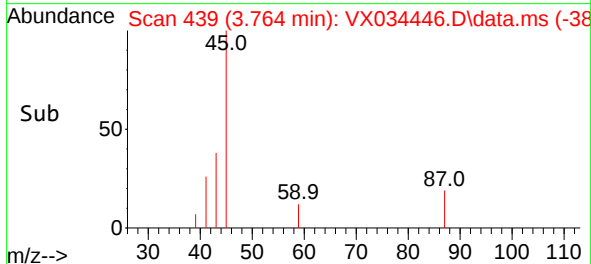
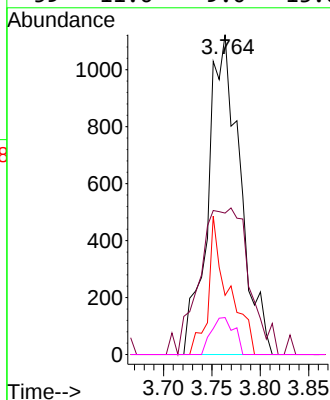
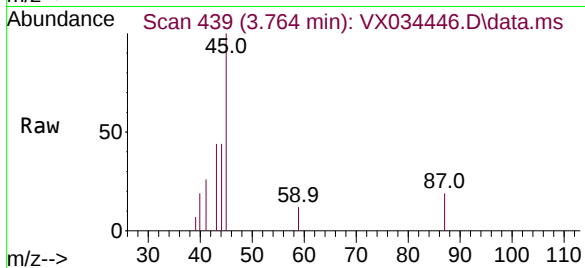




#22
Diisopropyl ether
Concen: 0.237 ug/l
RT: 3.764 min Scan# 411
Delta R.T. 0.012 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

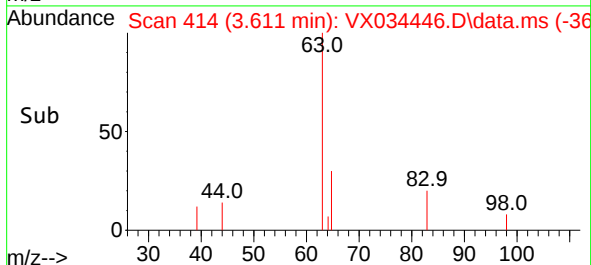
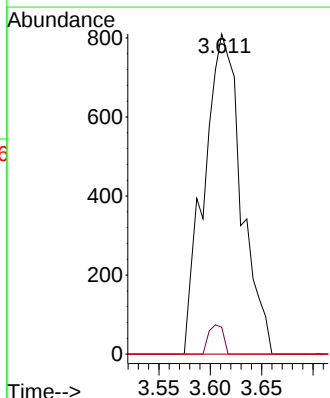
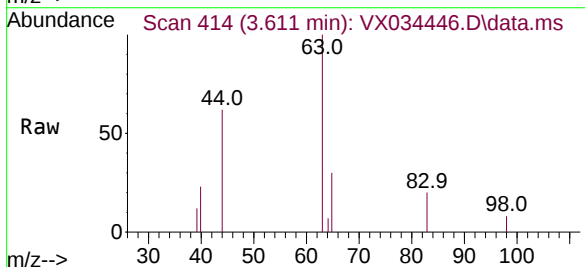
Instrument :
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ClientSampleId :
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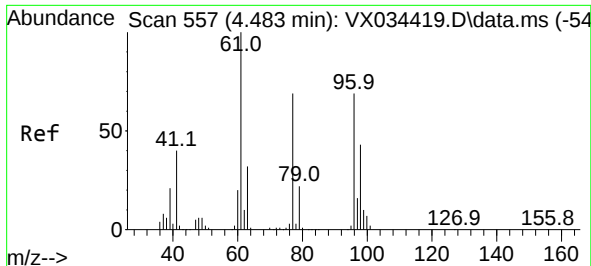
Tgt Ion:	45	Resp:	2593
Ion	Ratio	Lower	Upper
45	100		
43	44.3	65.4	98.2#
87	18.5	20.6	31.0#
59	11.6	9.0	13.6



#24
1,1-Dichloroethane
Concen: 0.347 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

Tgt Ion:	63	Resp:	2043
Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.8	11.2
100	0.0	2.4	7.1#

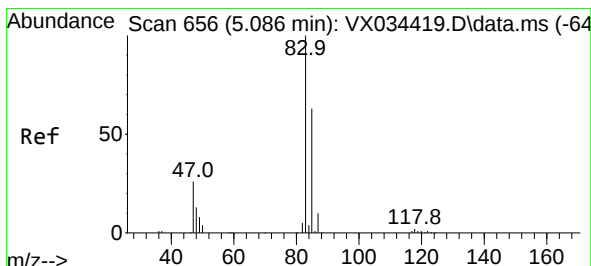
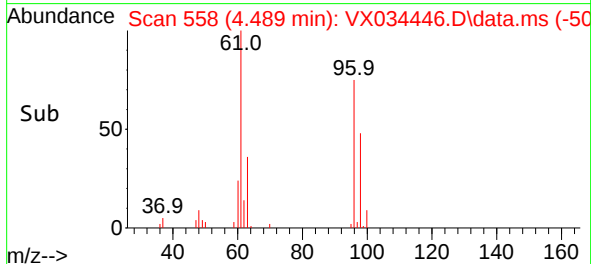
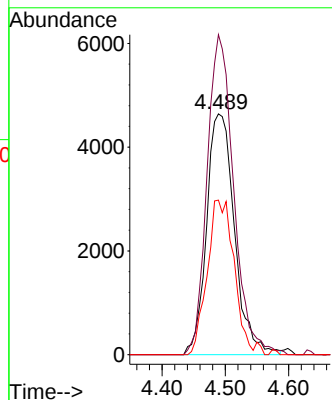
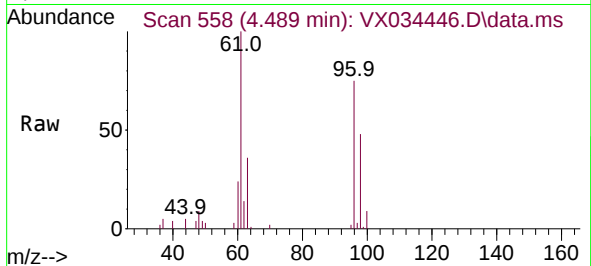




#27
 cis-1,2-Dichloroethene
 Concen: 3.928 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX034446.D
 Acq: 13 Mar 2023 20:30

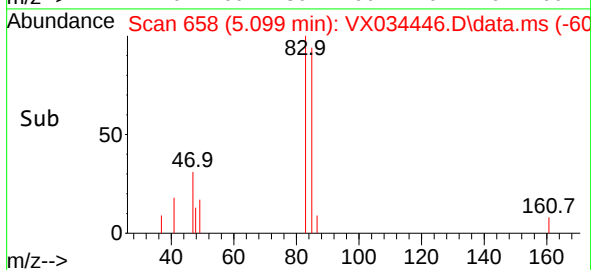
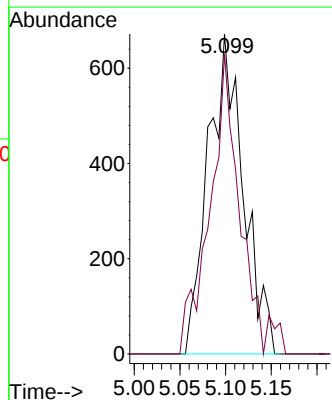
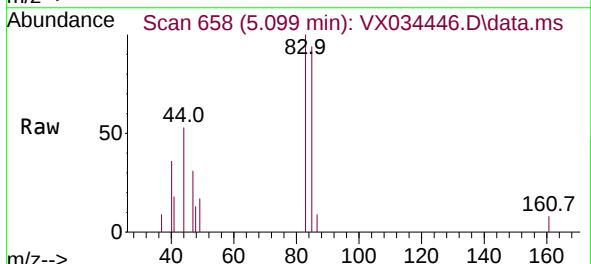
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 ClientSampleId :
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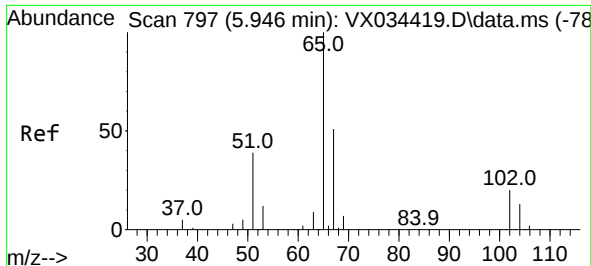
Tgt Ion: 96 Resp: 14234
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 300.4
 98 61.4 0.0 129.0



#30
 Chloroform
 Concen: 0.313 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. 0.012 min
 Lab File: VX034446.D
 Acq: 13 Mar 2023 20:30

Tgt Ion: 83 Resp: 1805
 Ion Ratio Lower Upper
 83 100
 85 93.8 50.6 76.0#

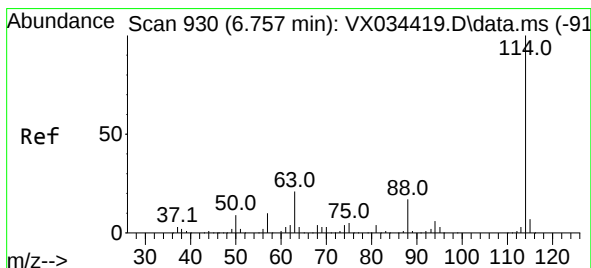
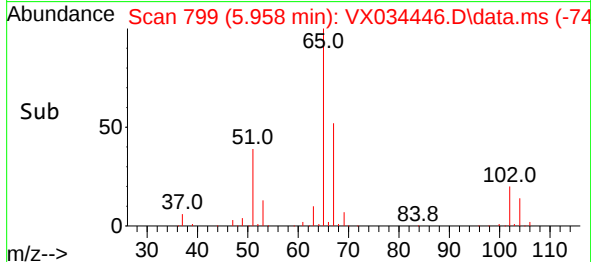
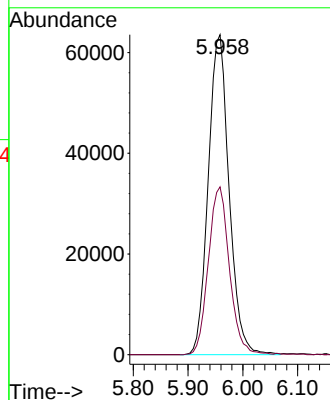
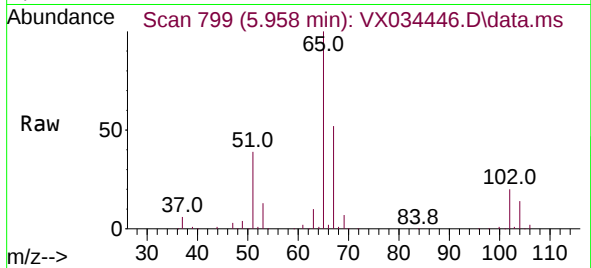




#33
 1,2-Dichloroethane-d4
 Concen: 44.434 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.012 min
 Lab File: VX034446.D
 Acq: 13 Mar 2023 20:30

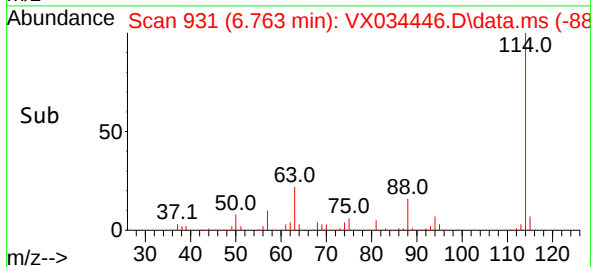
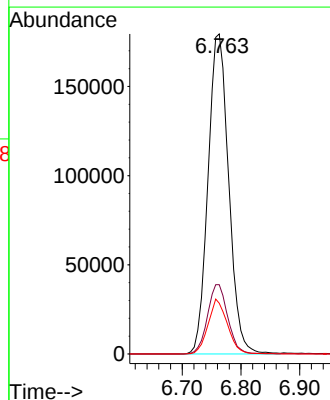
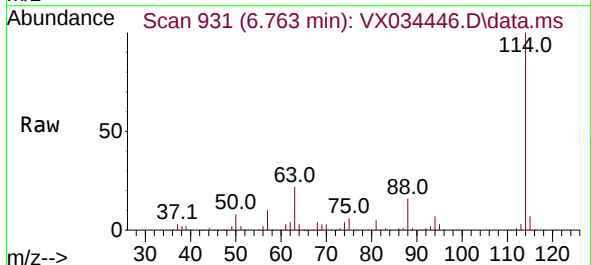
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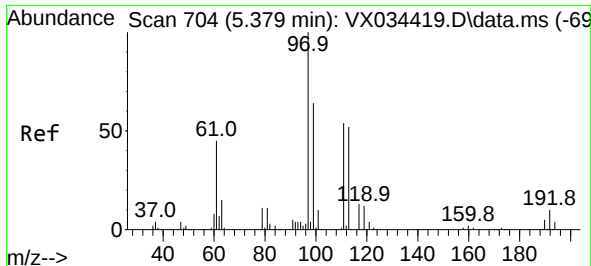
Tgt Ion: 65 Resp: 167384
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034446.D
 Acq: 13 Mar 2023 20:30

Tgt Ion: 114 Resp: 438695
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.2
 88 15.8 0.0 33.2

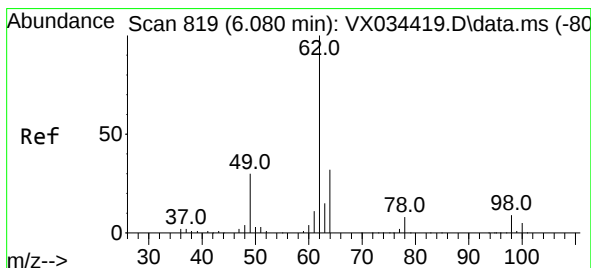
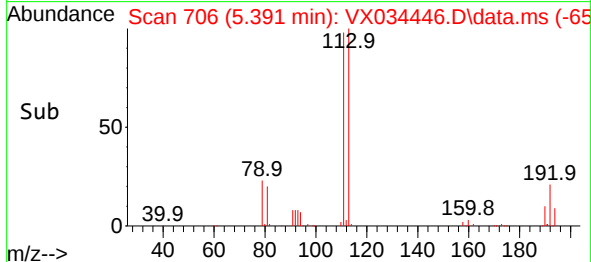
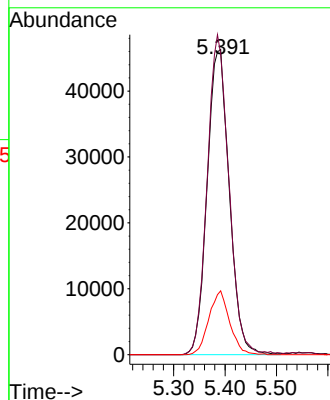
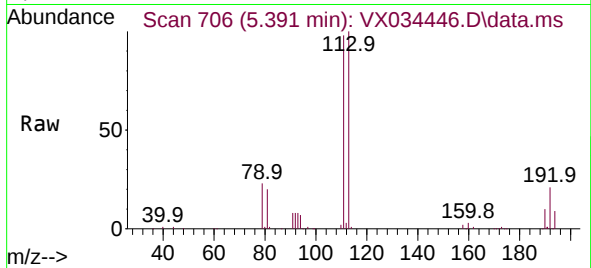




#35
Dibromofluoromethane
Concen: 47.864 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

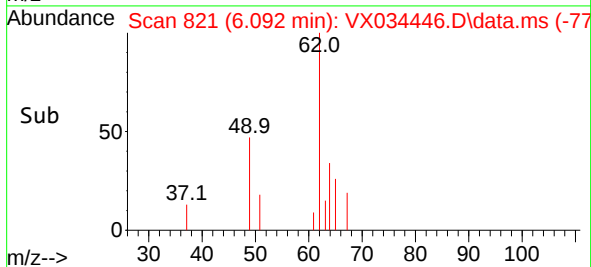
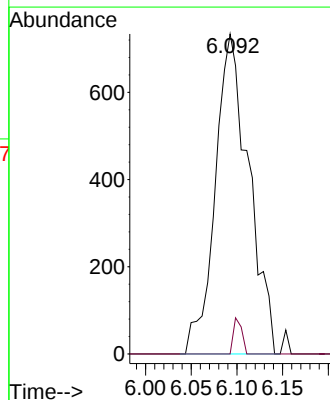
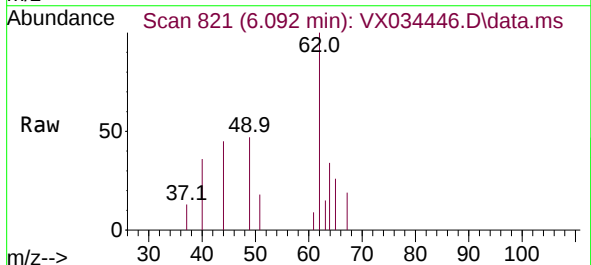
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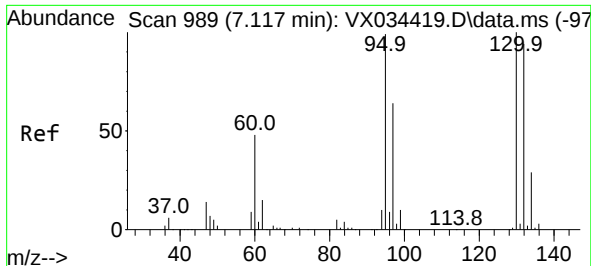
Tgt Ion:113 Resp: 138636
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 19.7 15.4 23.2



#42
1,2-Dichloroethane
Concen: 0.392 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

Tgt Ion: 62 Resp: 1875
Ion Ratio Lower Upper
62 100
98 2.8 0.0 18.0

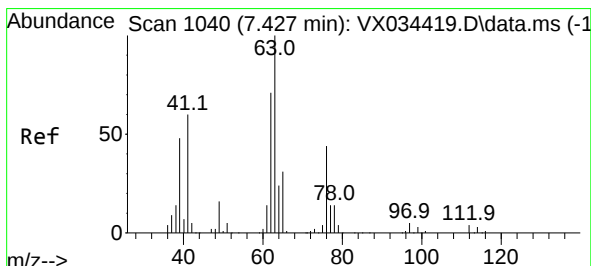
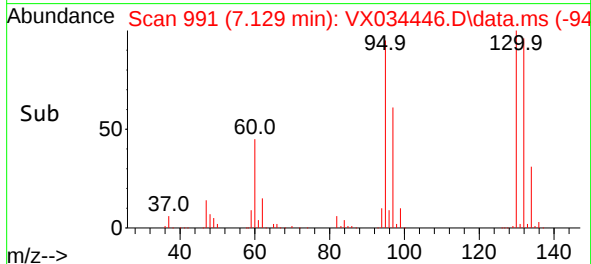
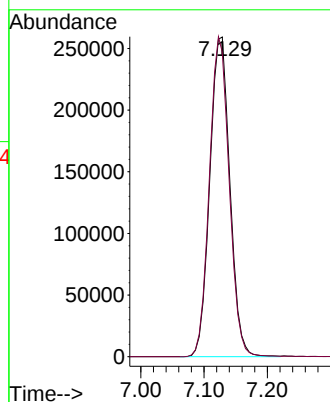
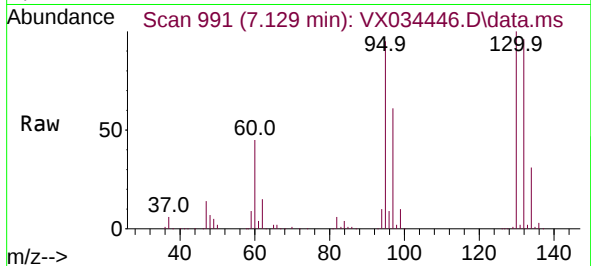




#44
Trichloroethene
Concen: 168.973 ug/l
RT: 7.129 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

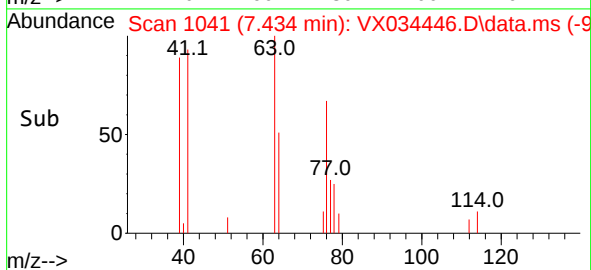
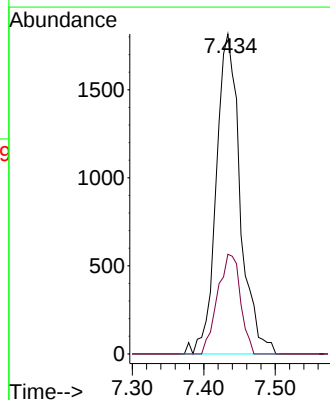
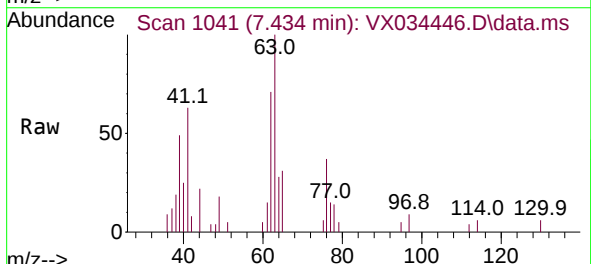
Instrument :
MSVOA_X
ClientSampleId :
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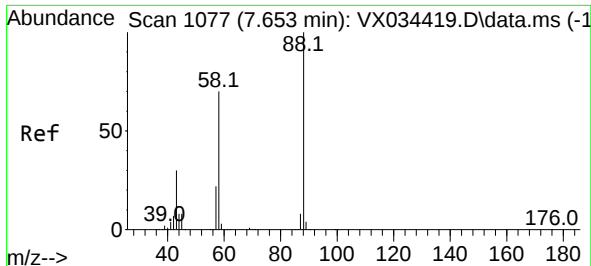
Tgt Ion:130 Resp: 571378
Ion Ratio Lower Upper
130 100
95 95.2 0.0 198.4



#45
1,2-Dichloropropane
Concen: 1.245 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

Tgt Ion: 63 Resp: 4229
Ion Ratio Lower Upper
63 100
65 31.2 24.6 37.0





#49

1,4-Dioxane

Concen: 30.299 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.018 min

Lab File: VX034446.D

Acq: 13 Mar 2023 20:30

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20230309

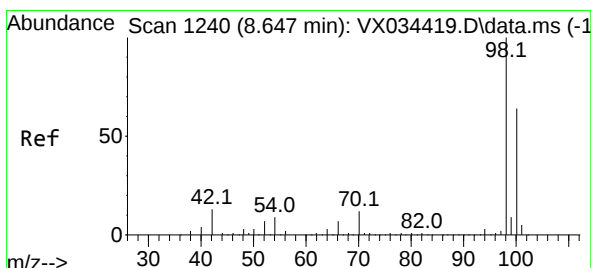
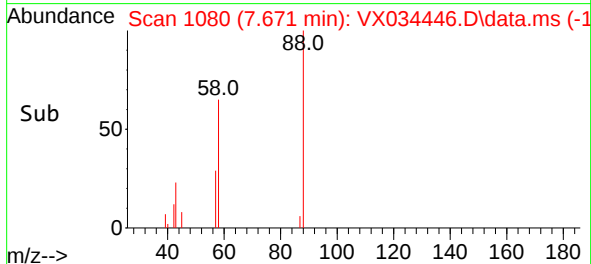
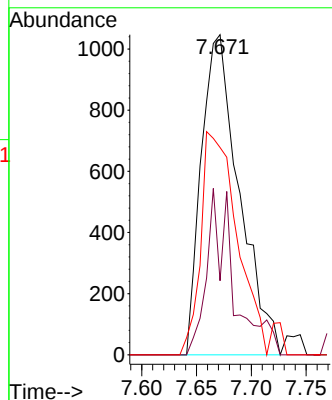
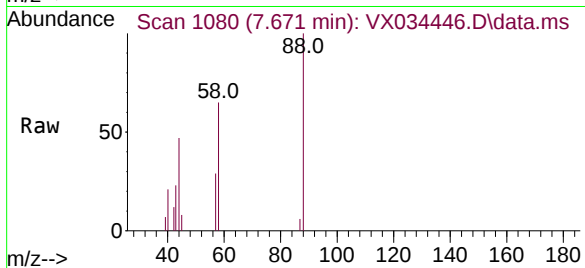
Tgt Ion: 88 Resp: 2520

Ion Ratio Lower Upper

88 100

43 36.3 27.7 41.5

58 66.5 56.8 85.2



#50

Toluene-d8

Concen: 49.695 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034446.D

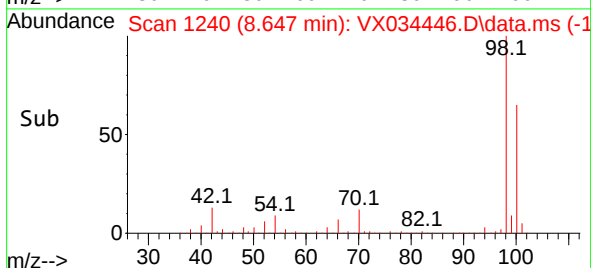
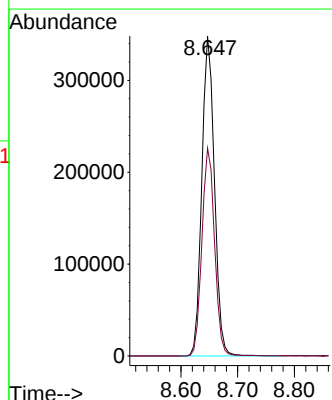
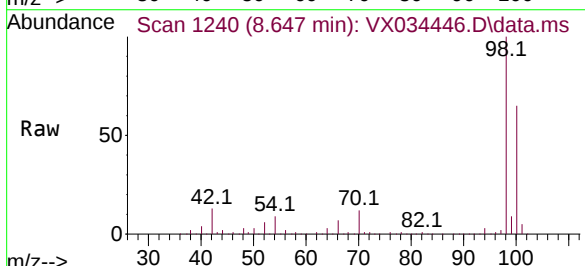
Acq: 13 Mar 2023 20:30

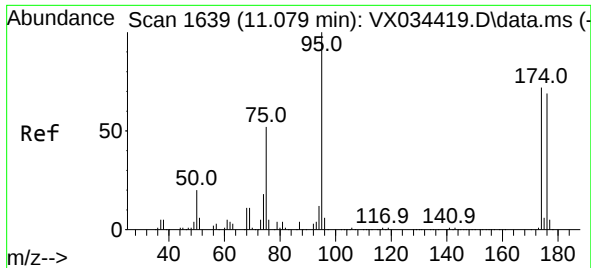
Tgt Ion: 98 Resp: 537334

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

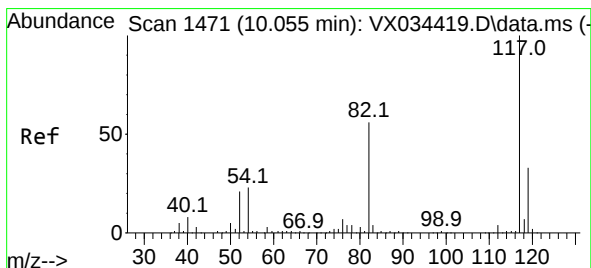
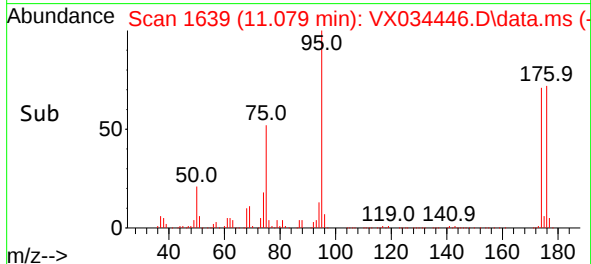
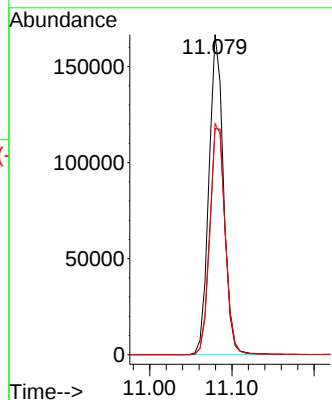
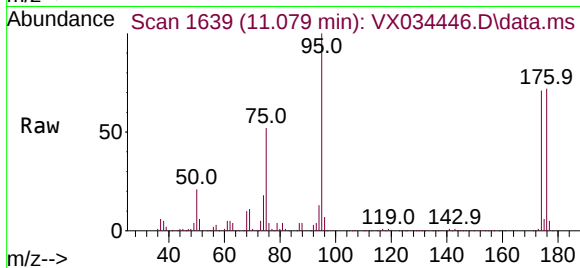




#62
4-Bromofluorobenzene
Concen: 46.715 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

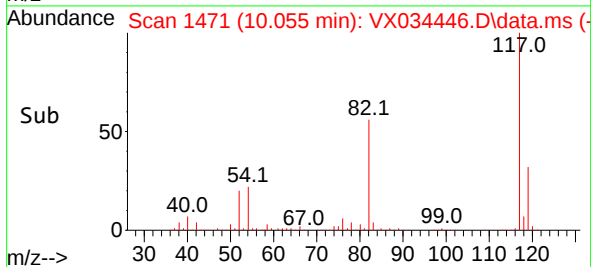
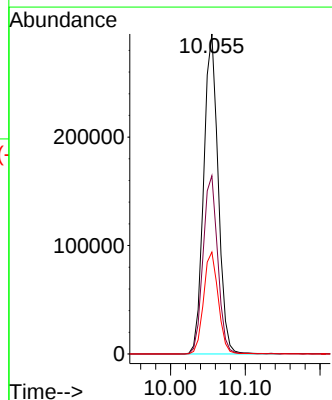
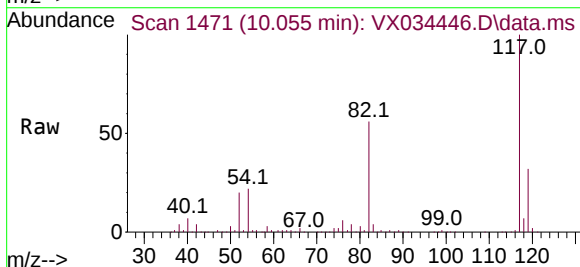
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309

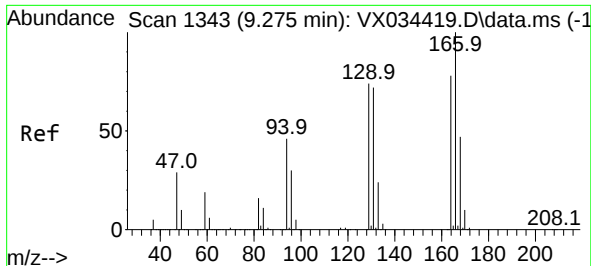
Tgt Ion: 95 Resp: 204028
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.4
176 75.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

Tgt Ion: 117 Resp: 397110
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 31.9 26.0 39.0



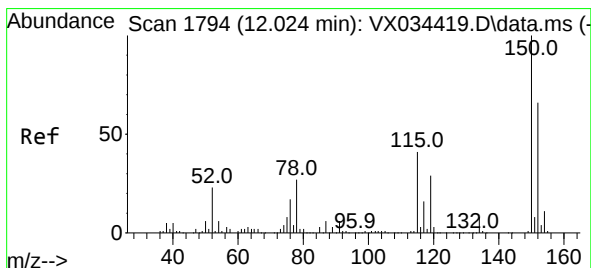
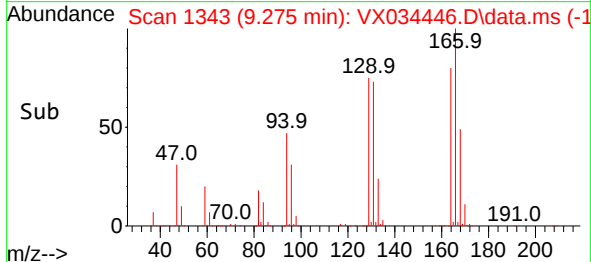
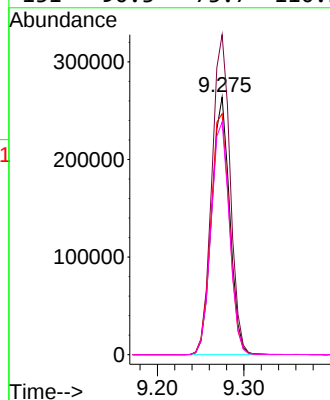
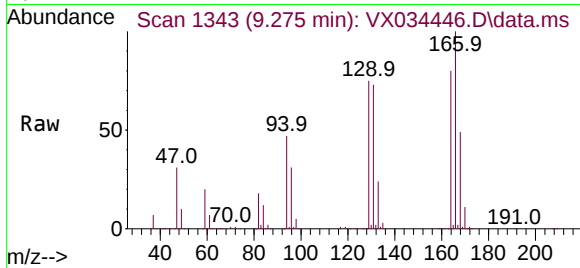


#64
Tetrachloroethene
Concen: 142.044 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034446.D
Acq: 13 Mar 2023 20:30

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230309

Tgt Ion:164 Resp: 378908

Ion	Ratio	Lower	Upper
164	100		
166	124.2	102.7	154.1
129	93.6	75.6	113.4
131	90.3	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: VX034446.D
Acq: 13 Mar 2023 20:30

Tgt Ion:152 Resp: 178211

Ion	Ratio	Lower	Upper
152	100		
115	60.4	45.0	135.0
150	157.5	0.0	352.4

