

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034441.D
 Acq On : 13 Mar 2023 18:33
 Operator : JC/MD
 Sample : 01879-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20230309

Quant Time: Mar 14 02:28:33 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)

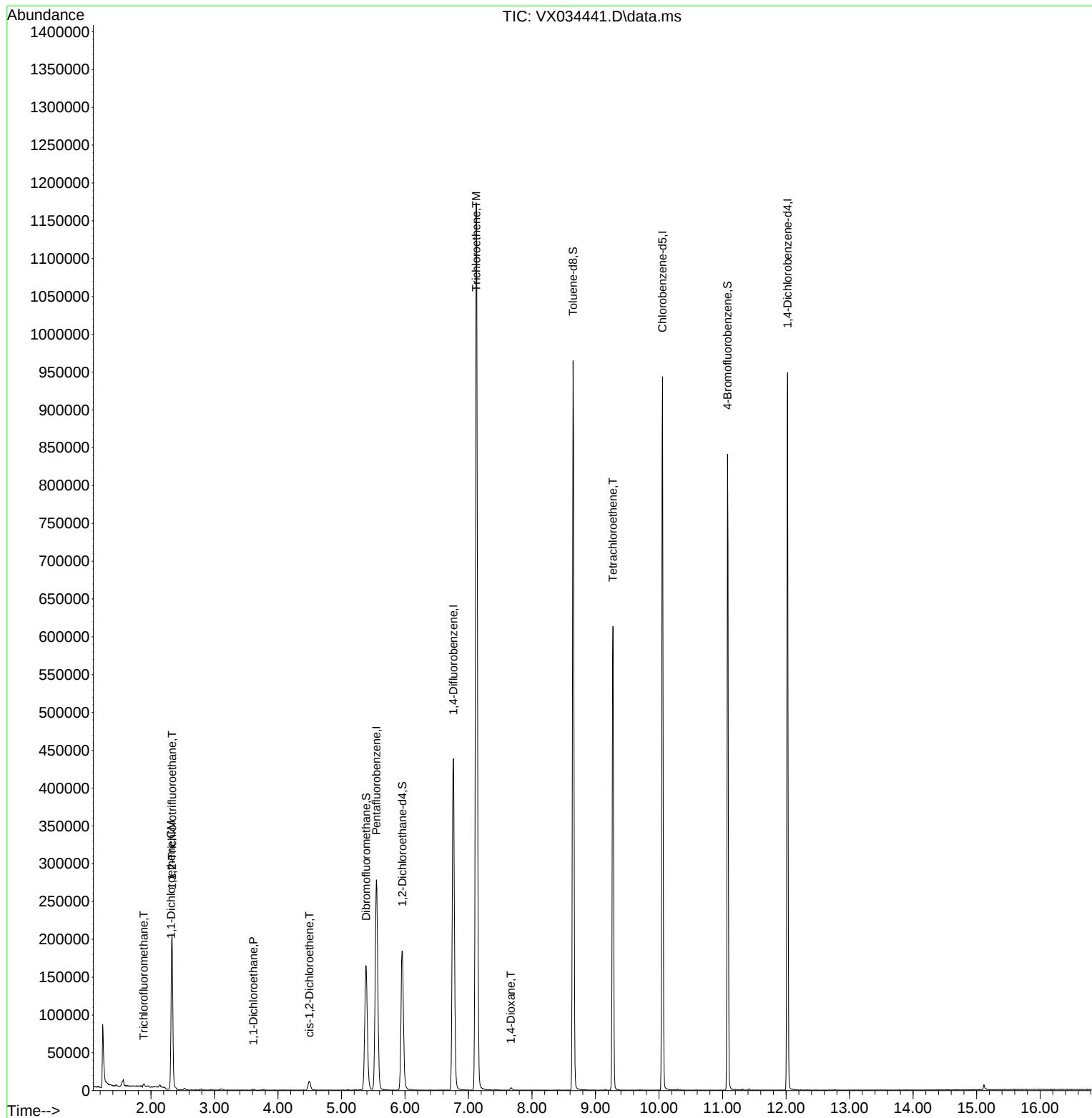
Internal Standards						
1) Pentafluorobenzene	5.550	168	269354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174400	44.506	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.020%
35) Dibromofluoromethane	5.385	113	143115	47.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	8.647	98	554864	49.365	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	211858	46.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.320%
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.886	101	1544	0.301	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	80520	26.893	ug/l	100
12) 1,1-Dichloroethene	2.319	96	1917	0.650	ug/l	92
24) 1,1-Dichloroethane	3.611	63	1474	0.241	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	7918	2.100	ug/l	86
44) Trichloroethene	7.123	130	445813	126.829	ug/l	100
49) 1,4-Dioxane	7.665	88	2775	32.096	ug/l #	94
64) Tetrachloroethene	9.275	164	113498	40.901	ug/l	97

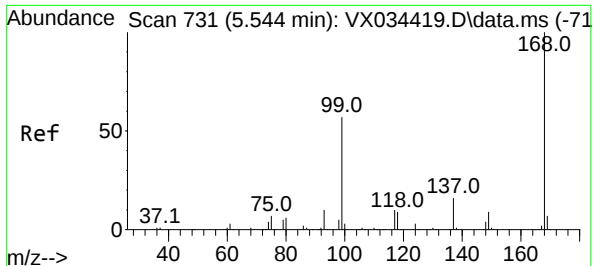
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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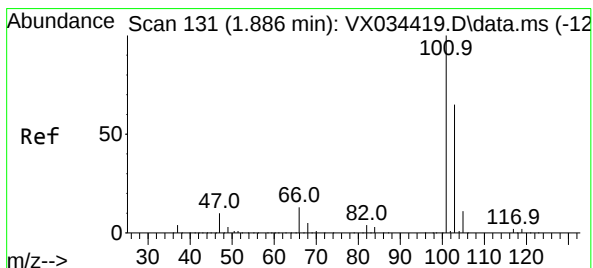
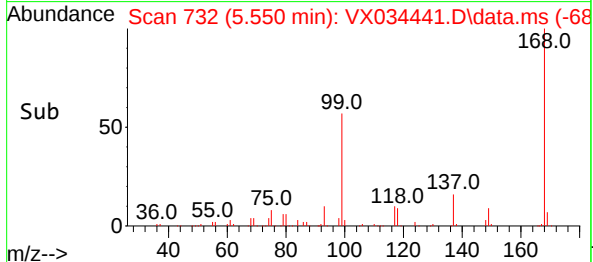
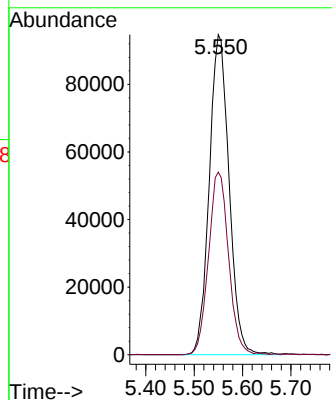
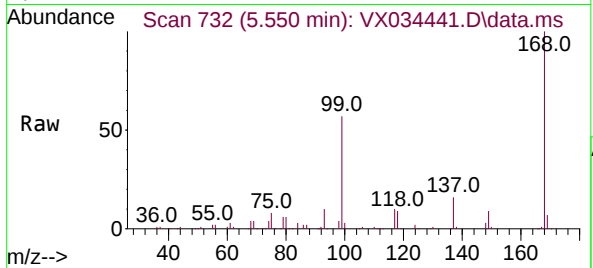




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034441.D
Acq: 13 Mar 2023 18:33

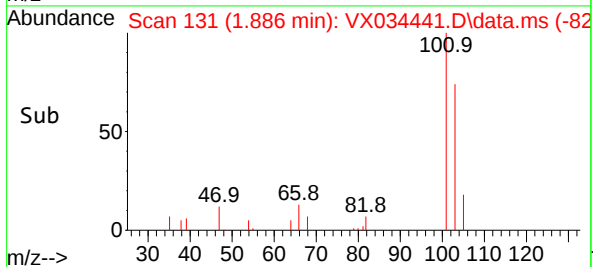
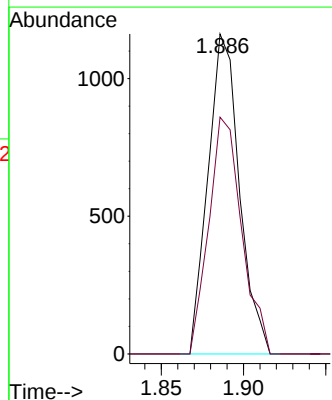
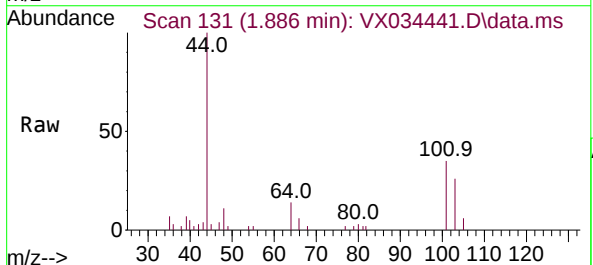
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20230309

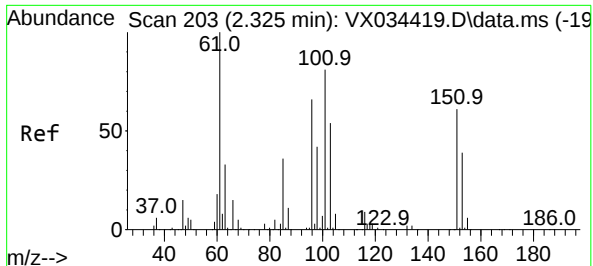
Tgt Ion:168 Resp: 269354
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#7
Trichlorofluoromethane
Concen: 0.301 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX034441.D
Acq: 13 Mar 2023 18:33

Tgt Ion:101 Resp: 1544
Ion Ratio Lower Upper
101 100
103 74.0 52.0 78.0

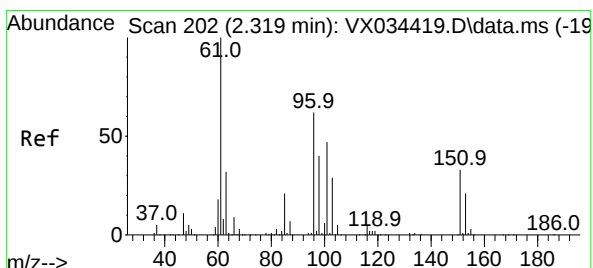
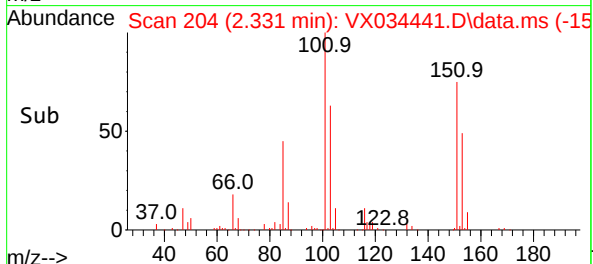
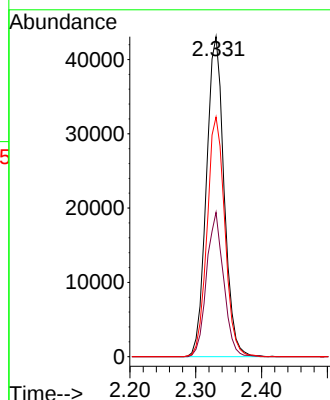
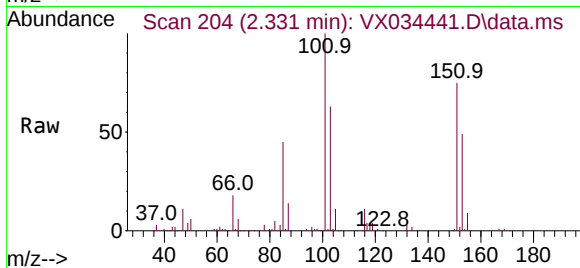




#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.893 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034441.D
Acq: 13 Mar 2023 18:33

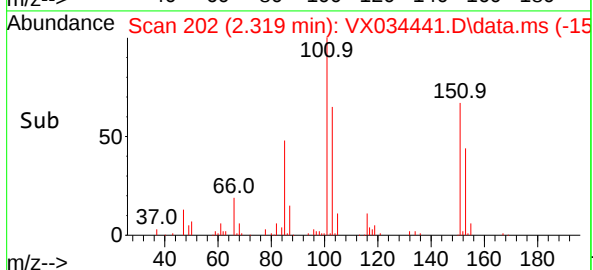
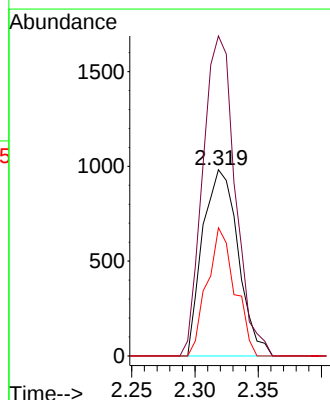
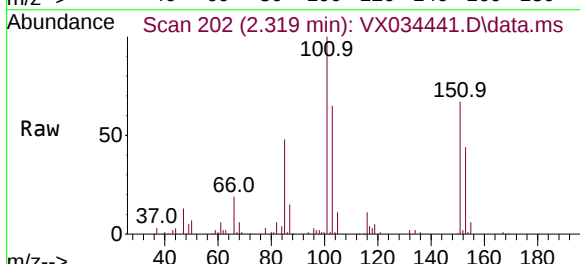
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20230309

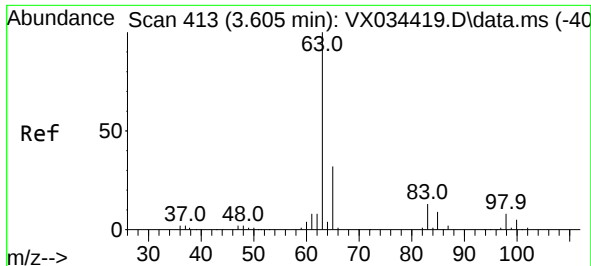
Tgt Ion:101 Resp: 80520
Ion Ratio Lower Upper
101 100
85 43.6 35.4 53.2
151 75.2 60.2 90.4



#12
1,1-Dichloroethene
Concen: 0.650 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034441.D
Acq: 13 Mar 2023 18:33

Tgt Ion: 96 Resp: 1917
Ion Ratio Lower Upper
96 100
61 171.9 128.8 193.2
98 68.8 51.4 77.0





#24

1,1-Dichloroethane

Concen: 0.241 ug/l

RT: 3.611 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX034441.D

Acq: 13 Mar 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20230309

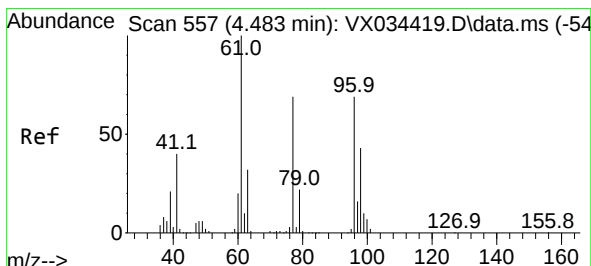
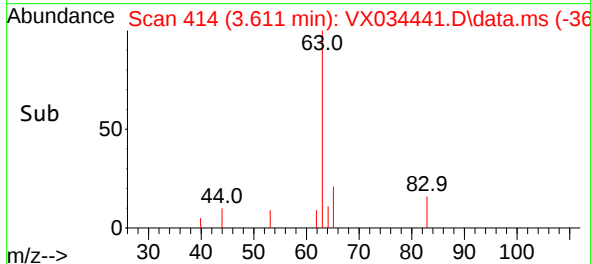
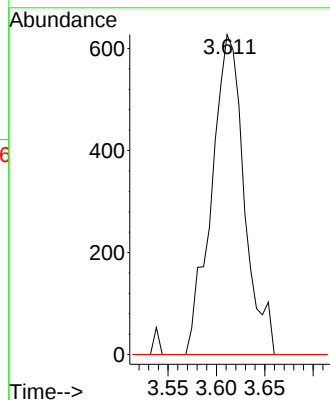
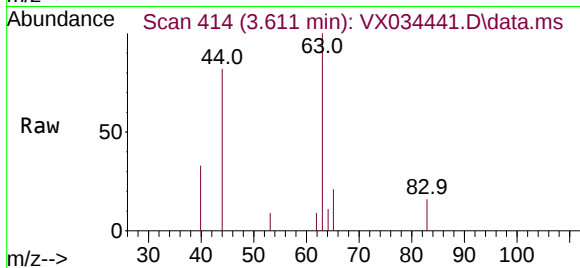
Tgt Ion: 63 Resp: 1474

Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.4 7.1#



#27

cis-1,2-Dichloroethene

Concen: 2.100 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX034441.D

Acq: 13 Mar 2023 18:33

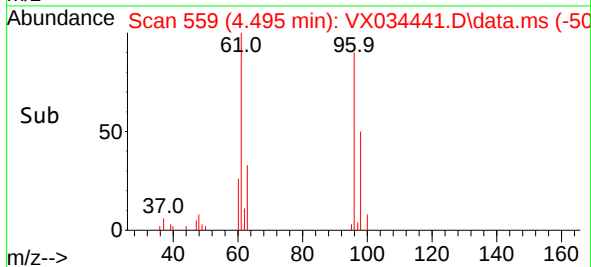
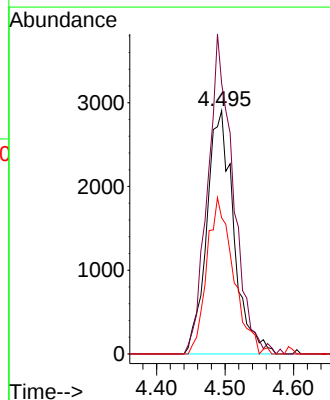
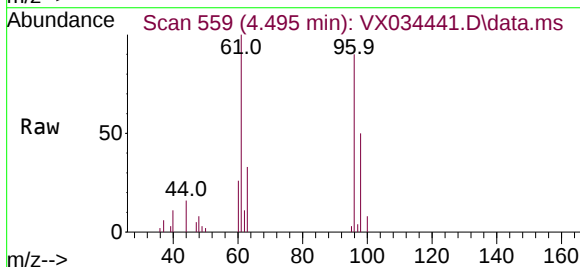
Tgt Ion: 96 Resp: 7918

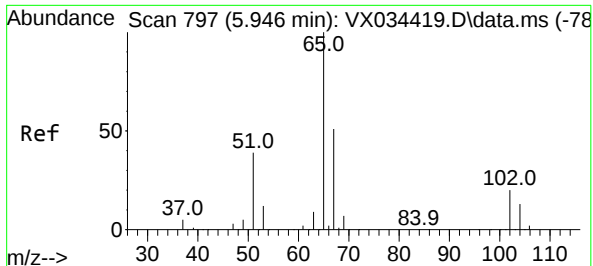
Ion Ratio Lower Upper

96 100

61 124.8 0.0 300.4

98 63.7 0.0 129.0

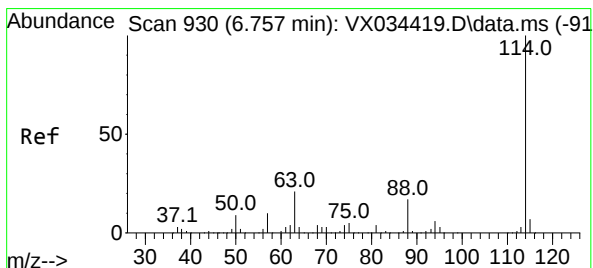
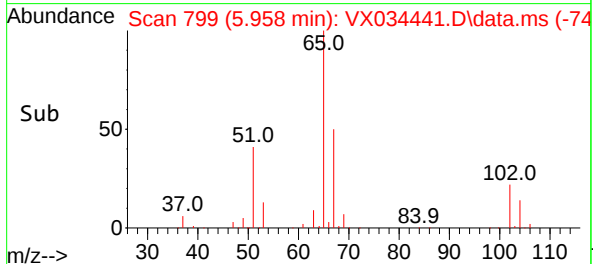
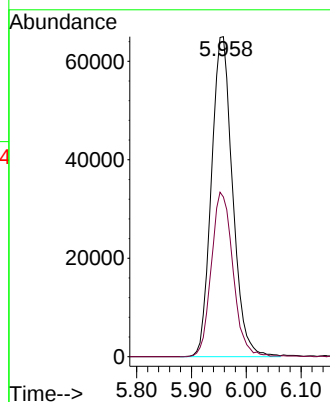
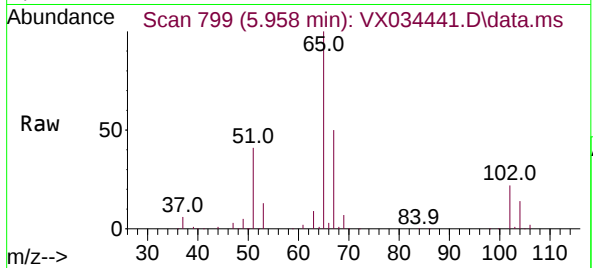




#33
1,2-Dichloroethane-d4
Concen: 44.506 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034441.D
Acq: 13 Mar 2023 18:33

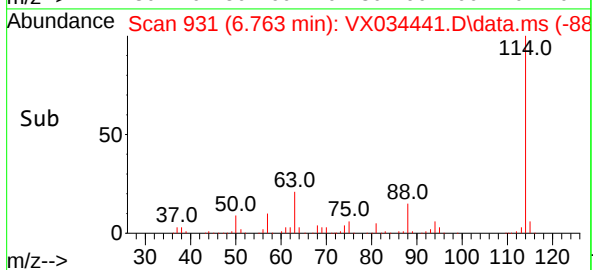
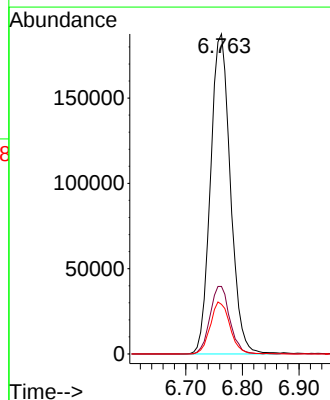
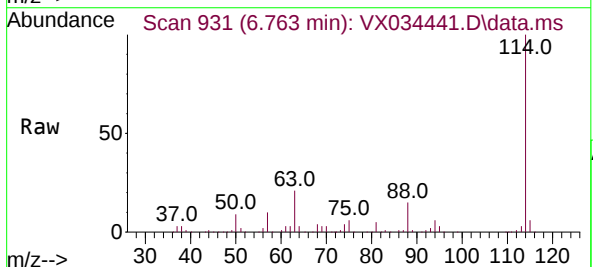
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20230309

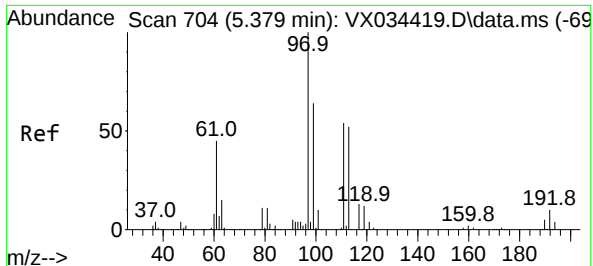
Tgt Ion: 65 Resp: 174400
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034441.D
Acq: 13 Mar 2023 18:33

Tgt Ion: 114 Resp: 456028
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.532 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034441.D

Acq: 13 Mar 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20230309

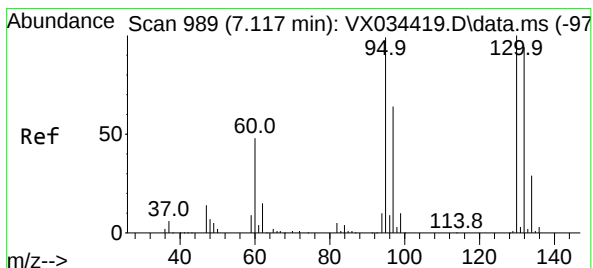
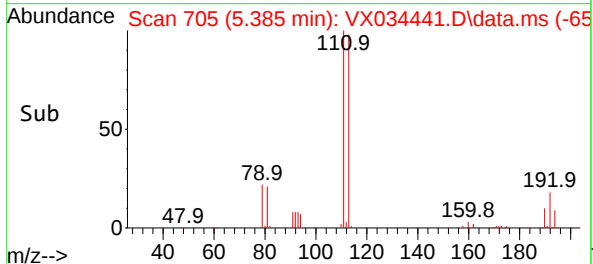
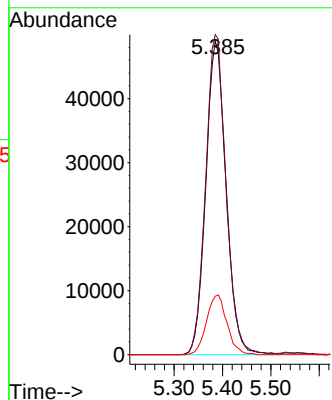
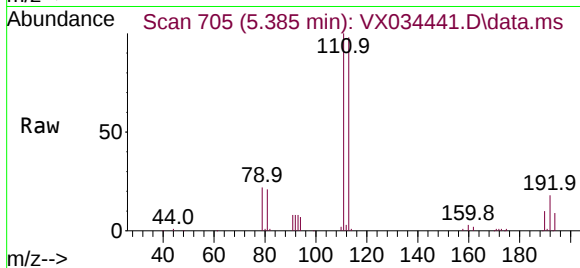
Tgt Ion:113 Resp: 143115

Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

192 19.1 15.4 23.2



#44

Trichloroethene

Concen: 126.829 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034441.D

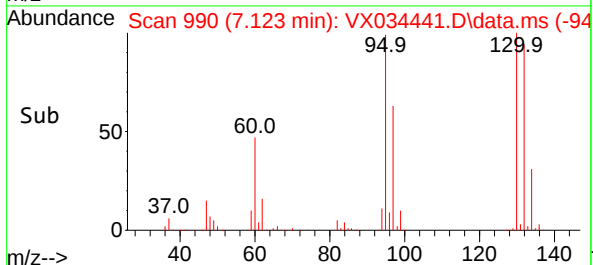
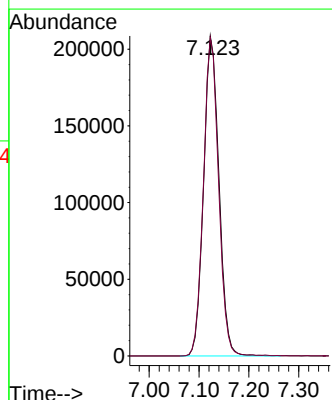
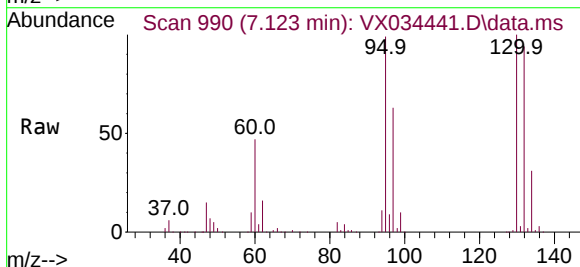
Acq: 13 Mar 2023 18:33

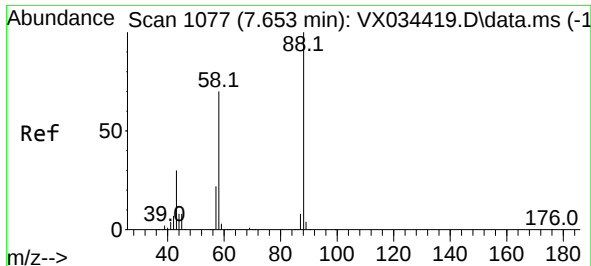
Tgt Ion:130 Resp: 445813

Ion Ratio Lower Upper

130 100

95 99.5 0.0 198.4





#49

1,4-Dioxane

Concen: 32.096 ug/l

RT: 7.665 min Scan# 1077

Delta R.T. 0.012 min

Lab File: VX034441.D

Acq: 13 Mar 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20230309

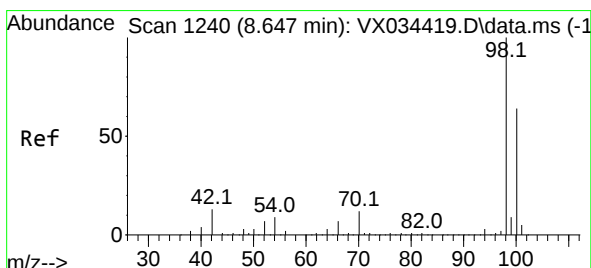
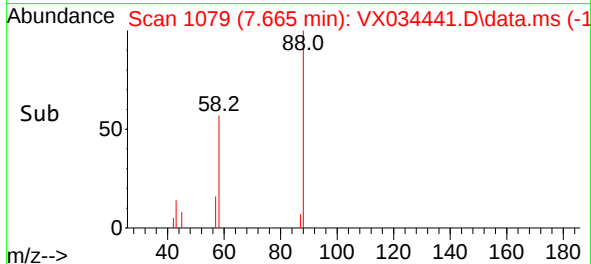
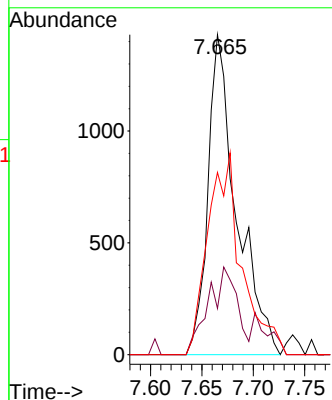
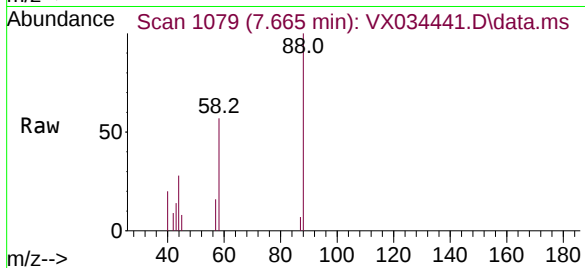
Tgt Ion: 88 Resp: 2775

Ion Ratio Lower Upper

88 100

43 27.5 27.7 41.5#

58 73.8 56.8 85.2



#50

Toluene-d8

Concen: 49.365 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034441.D

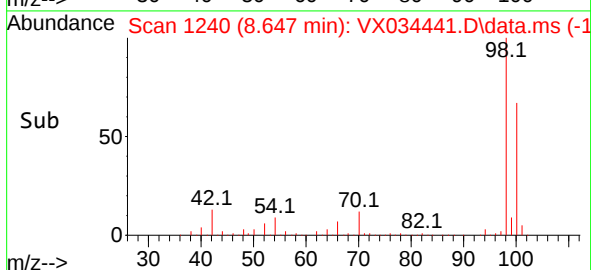
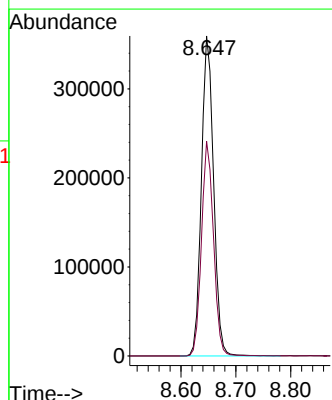
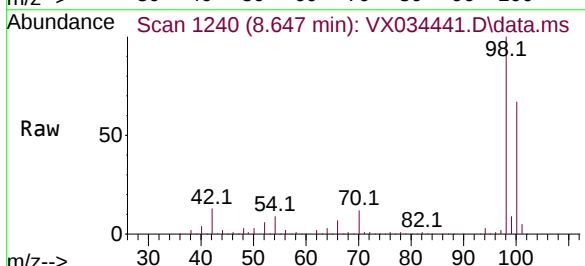
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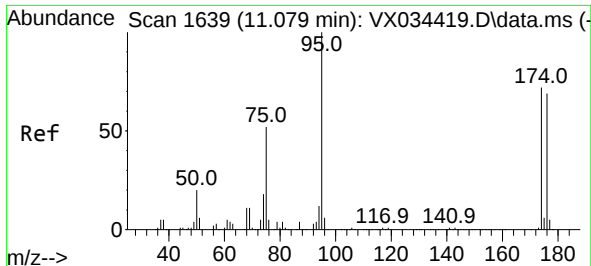
Tgt Ion: 98 Resp: 554864

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7

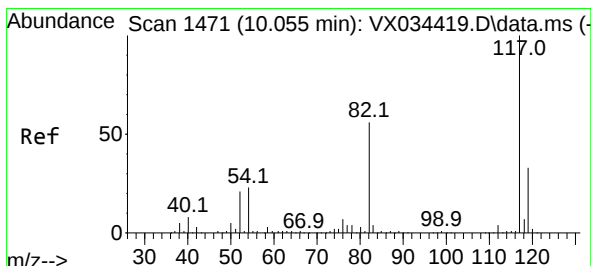
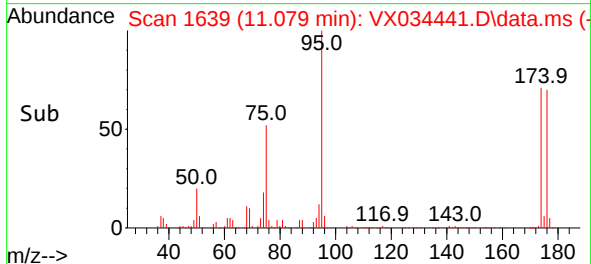
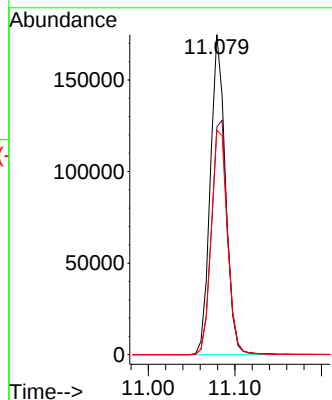
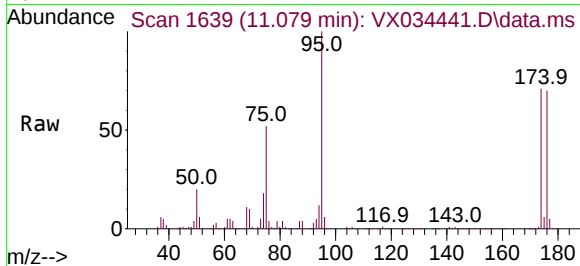




#62
4-Bromofluorobenzene
Concen: 46.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034441.D
Acq: 13 Mar 2023 18:33

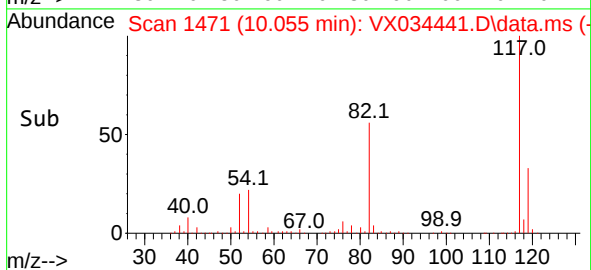
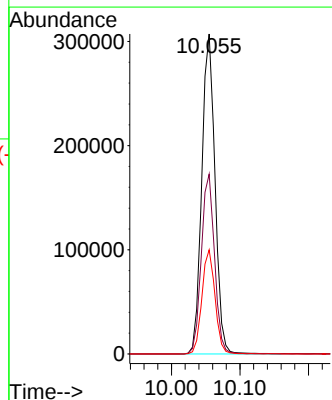
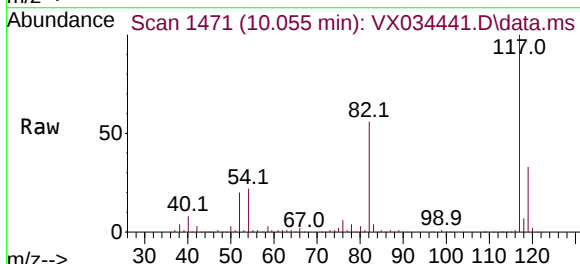
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20230309

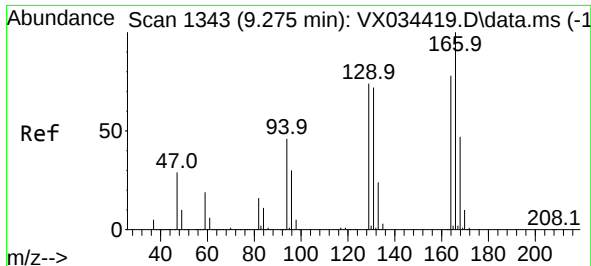
Tgt Ion: 95 Resp: 211858
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.4
176 75.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034441.D
Acq: 13 Mar 2023 18:33

Tgt Ion: 117 Resp: 413104
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.6 26.0 39.0

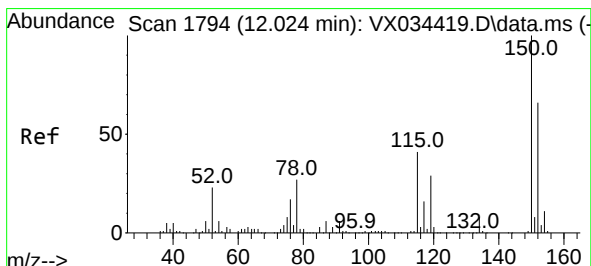
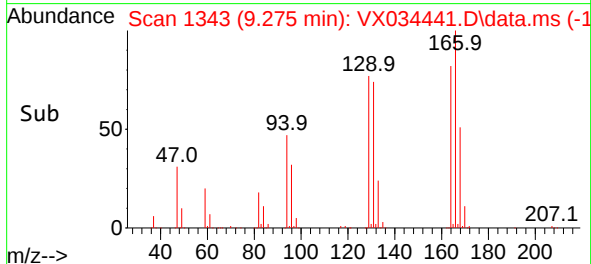
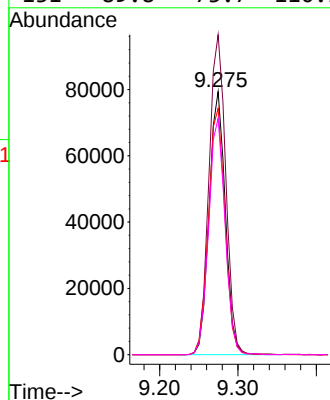
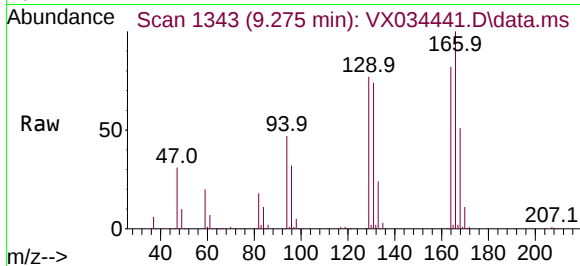




#64
Tetrachloroethene
Concen: 40.901 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034441.D
Acq: 13 Mar 2023 18:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20230309

Tgt Ion:164 Resp: 113498
Ion Ratio Lower Upper
164 100
166 121.7 102.7 154.1
129 93.6 75.6 113.4
131 89.8 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: VX034441.D
Acq: 13 Mar 2023 18:33

Tgt Ion:152 Resp: 190400
Ion Ratio Lower Upper
152 100
115 60.1 45.0 135.0
150 156.3 0.0 352.4

