

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034498.D
 Acq On : 15 Mar 2023 10:55
 Operator : JC/MD
 Sample : 01903-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20230312

Quant Time: Mar 15 14:24:45 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)

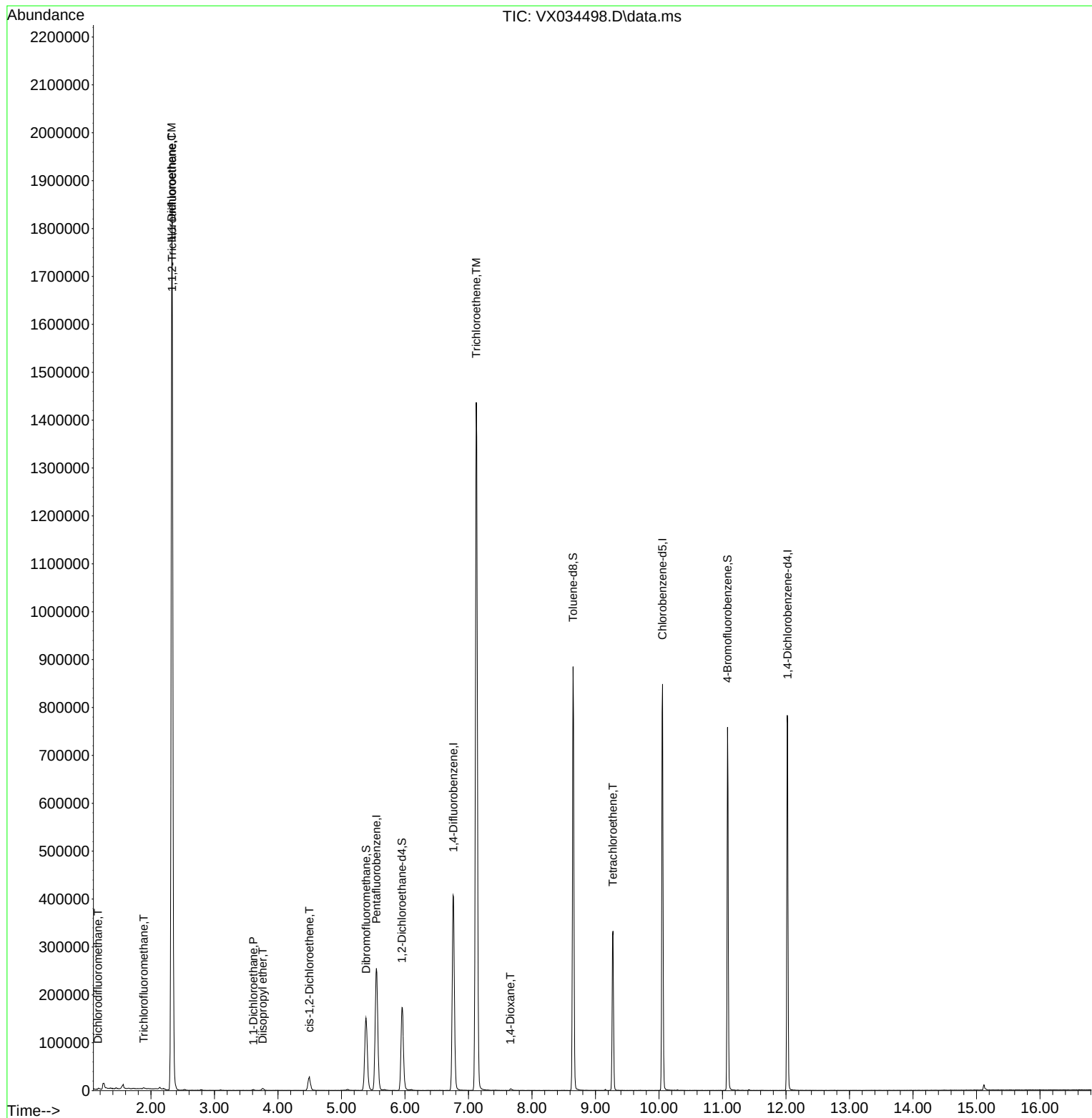
Internal Standards						
1) Pentafluorobenzene	5.550	168	245559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	414771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164824	46.138	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.280%
35) Dibromofluoromethane	5.385	113	131400	47.982	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	8.647	98	506019	49.498	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.000%
62) 4-Bromofluorobenzene	11.079	95	192749	46.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	903	0.394	ug/l	94
7) Trichlorofluoromethane	1.886	101	1197	0.256	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	721117	264.186	ug/l	99
12) 1,1-Dichloroethene	2.325	96	7595	2.825	ug/l	91
22) Diisopropyl ether	3.757	45	4173	0.402	ug/l #	67
24) 1,1-Dichloroethane	3.611	63	2082	0.373	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	17133	4.985	ug/l	89
44) Trichloroethene	7.123	130	549246	171.797	ug/l	98
49) 1,4-Dioxane	7.659	88	2672	33.979	ug/l	94
64) Tetrachloroethene	9.275	164	62078	24.917	ug/l	98

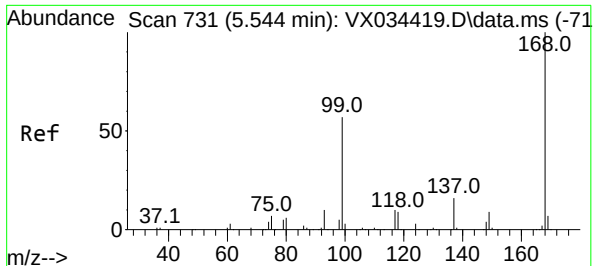
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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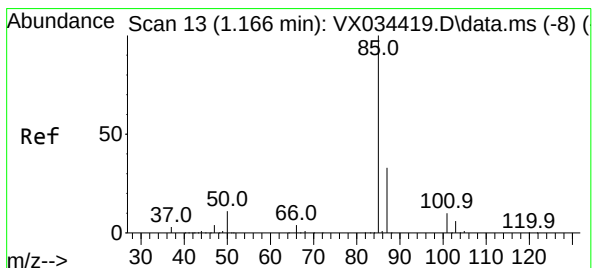
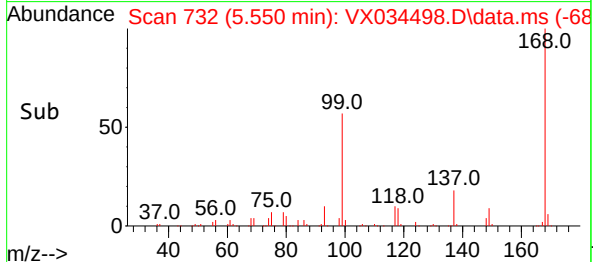
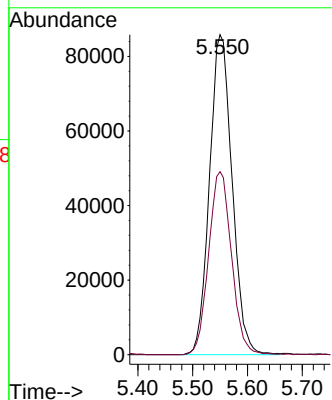
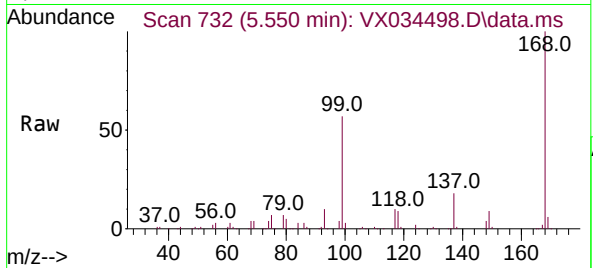




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

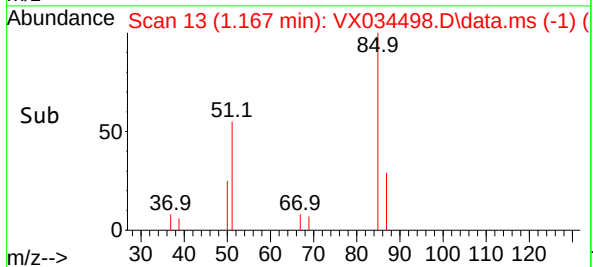
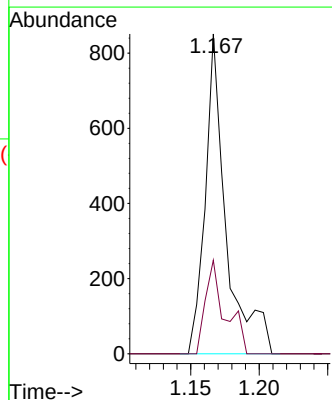
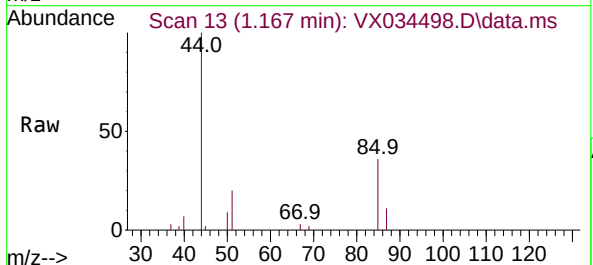
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20230312

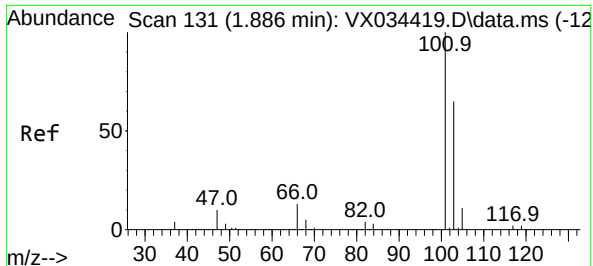
Tgt Ion:168 Resp: 245559
Ion Ratio Lower Upper
168 100
99 57.2 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.394 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

Tgt Ion: 85 Resp: 903
Ion Ratio Lower Upper
85 100
87 29.3 16.4 49.1

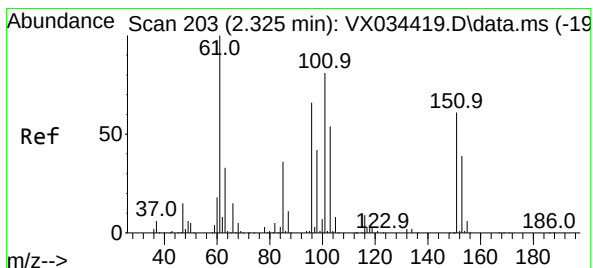
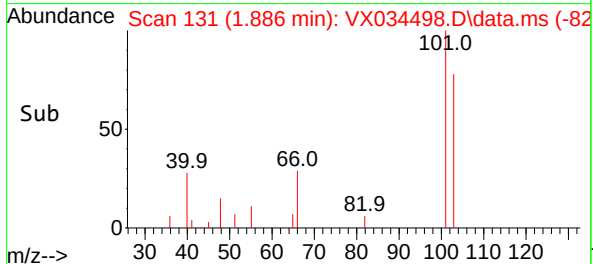
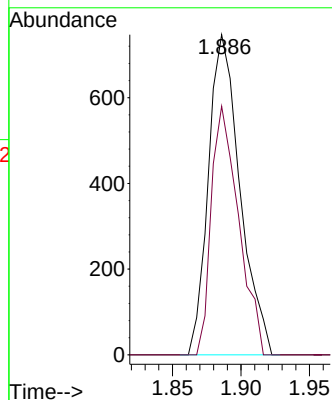
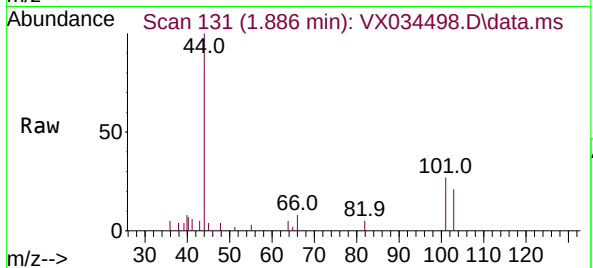




#7
Trichlorofluoromethane
Concen: 0.256 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

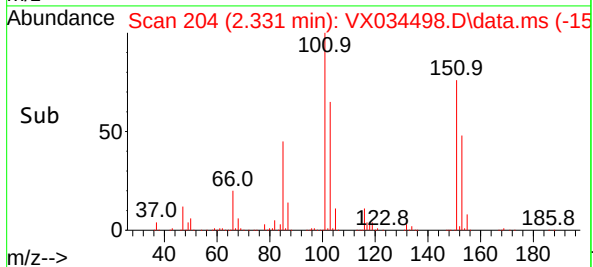
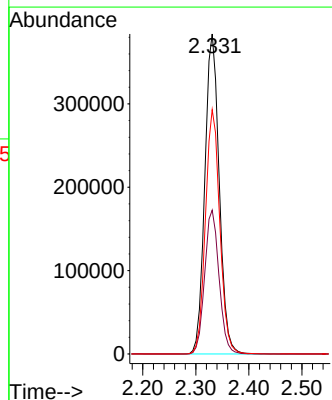
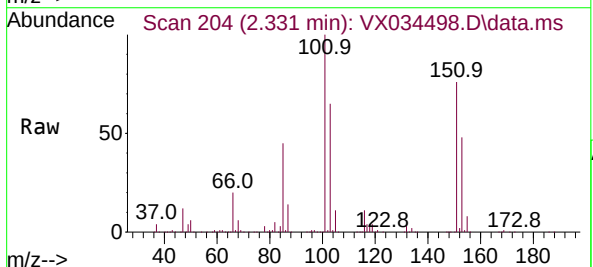
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20230312

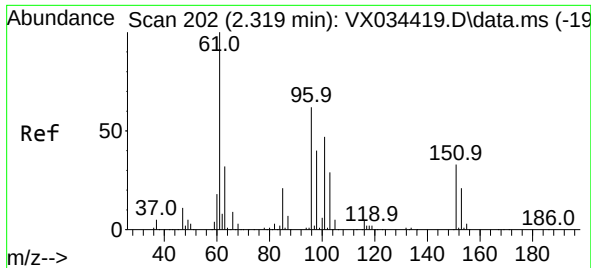
Tgt Ion:101 Resp: 1197
Ion Ratio Lower Upper
101 100
103 77.6 52.0 78.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 264.186 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

Tgt Ion:101 Resp: 721117
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.2
151 76.3 60.2 90.4

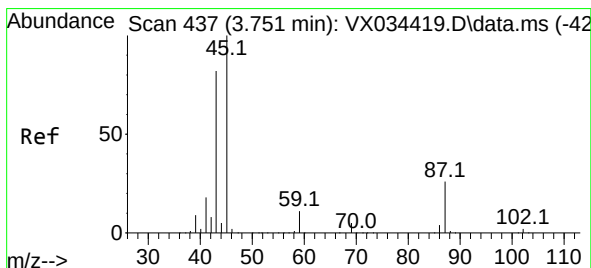
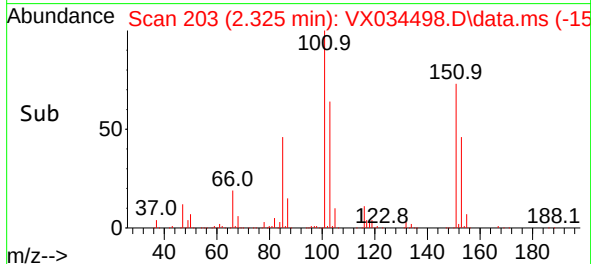
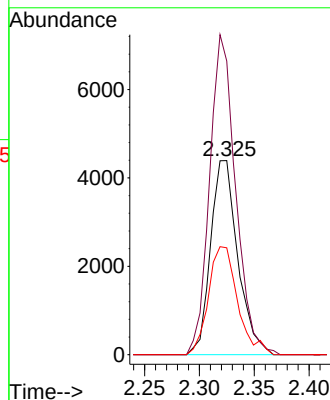
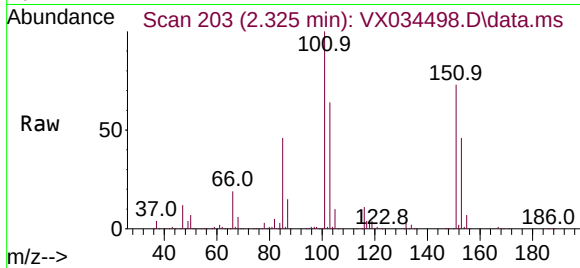




#12
1,1-Dichloroethene
Concen: 2.825 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

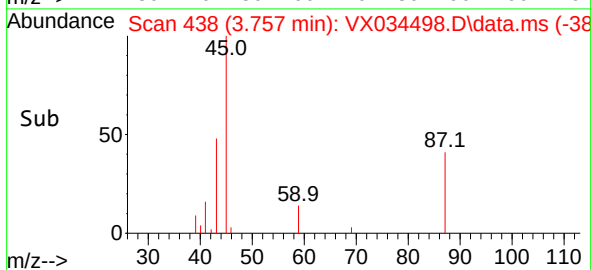
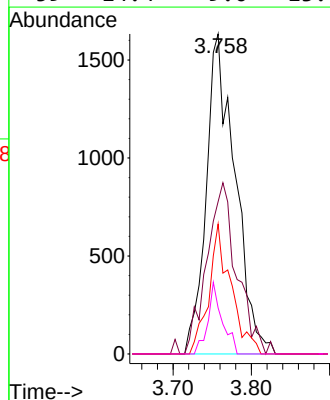
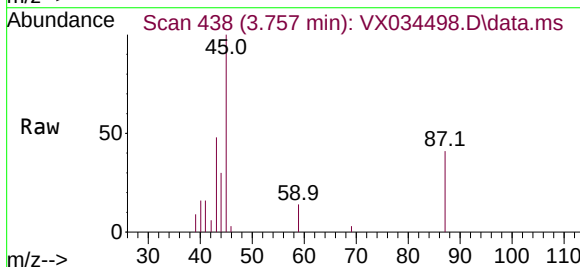
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20230312

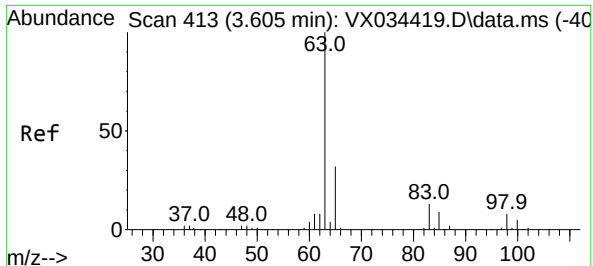
Tgt Ion: 96 Resp: 7595
Ion Ratio Lower Upper
96 100
61 151.3 128.8 193.2
98 55.1 51.4 77.0



#22
Diisopropyl ether
Concen: 0.402 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

Tgt Ion: 45 Resp: 4173
Ion Ratio Lower Upper
45 100
43 47.6 65.4 98.2#
87 40.6 20.6 31.0#
59 14.4 9.0 13.6#

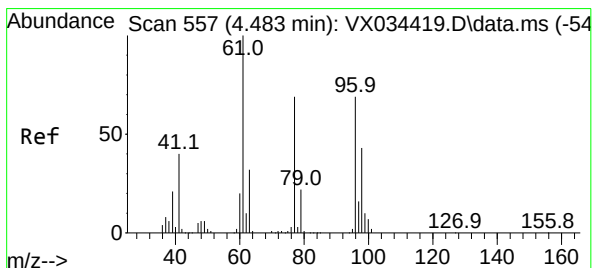
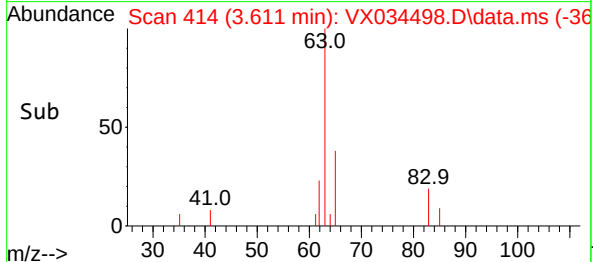
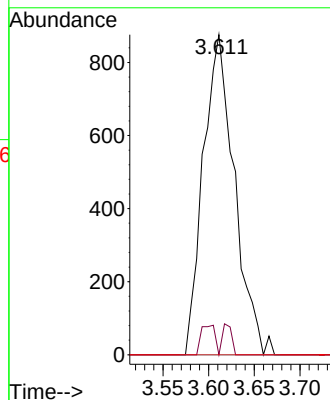
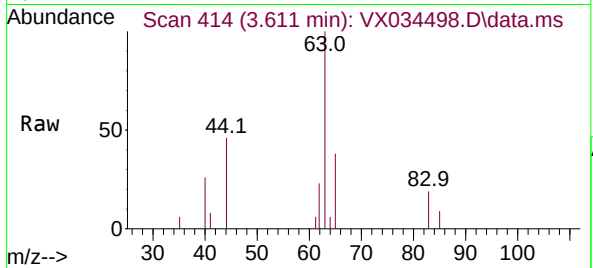




#24
1,1-Dichloroethane
Concen: 0.373 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

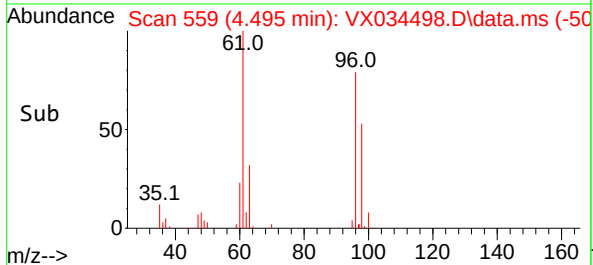
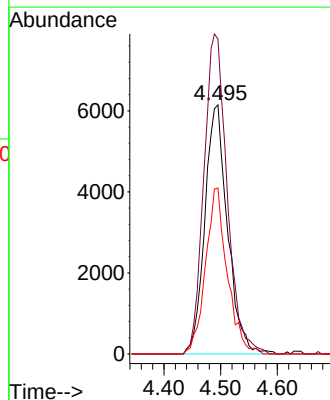
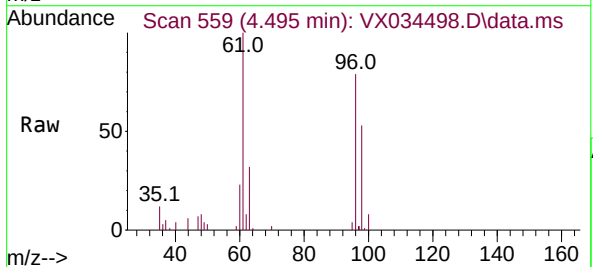
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20230312

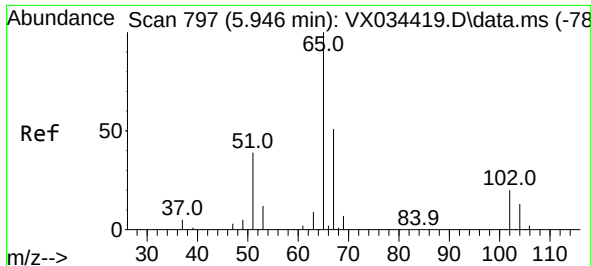
Tgt Ion: 63 Resp: 2082
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.4 7.1#



#27
cis-1,2-Dichloroethene
Concen: 4.985 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

Tgt Ion: 96 Resp: 17133
Ion Ratio Lower Upper
96 100
61 131.2 0.0 300.4
98 63.5 0.0 129.0

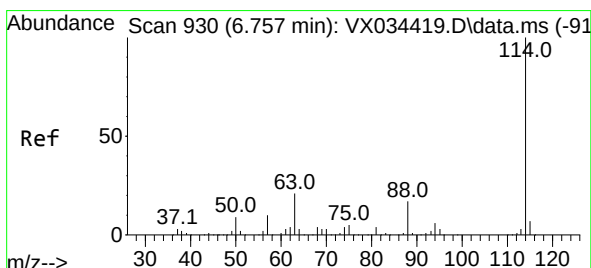
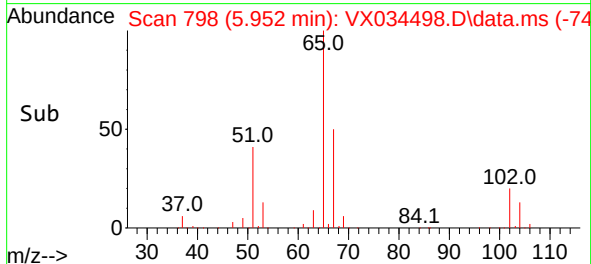
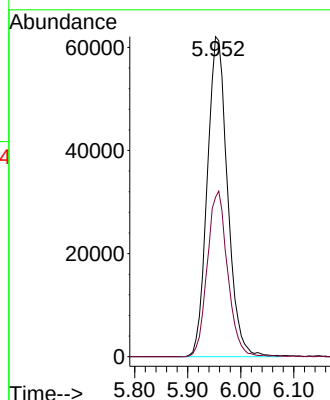
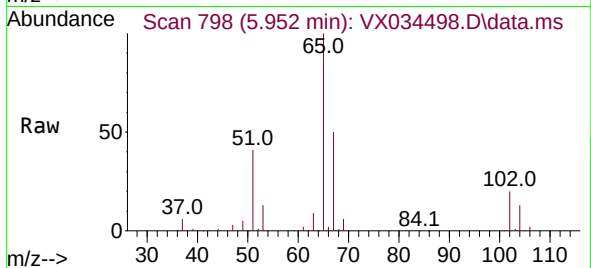




#33
 1,2-Dichloroethane-d4
 Concen: 46.138 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034498.D
 Acq: 15 Mar 2023 10:55

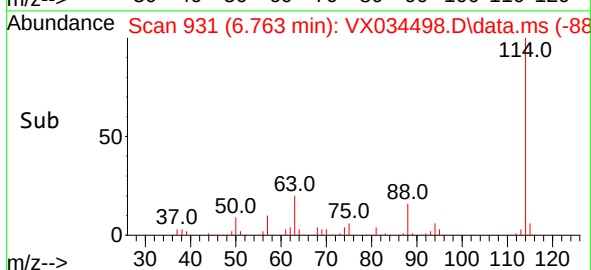
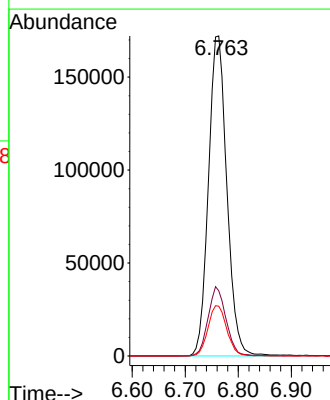
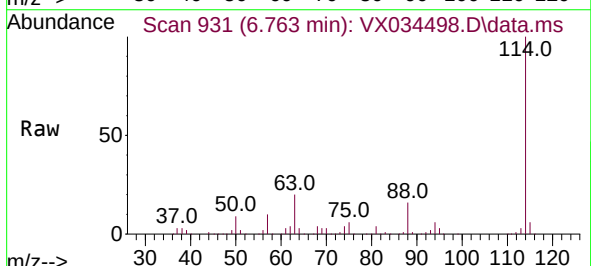
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20230312

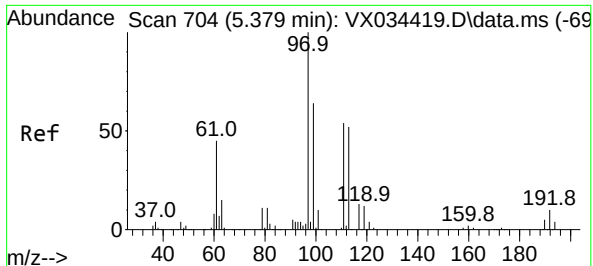
Tgt Ion: 65 Resp: 164824
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034498.D
 Acq: 15 Mar 2023 10:55

Tgt Ion: 114 Resp: 414771
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.2
 88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.982 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034498.D

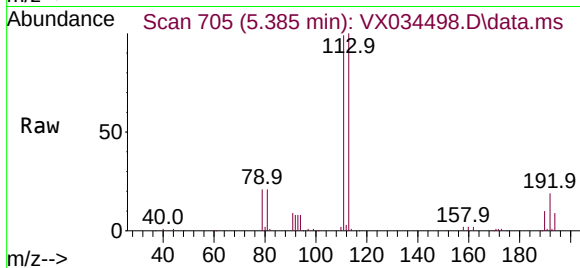
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Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20230312



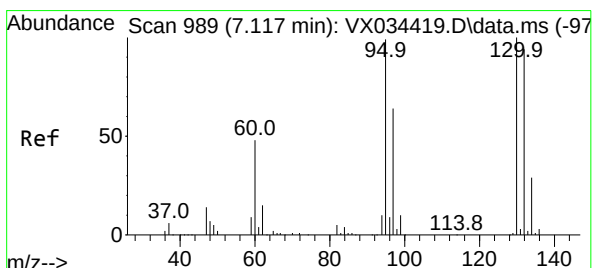
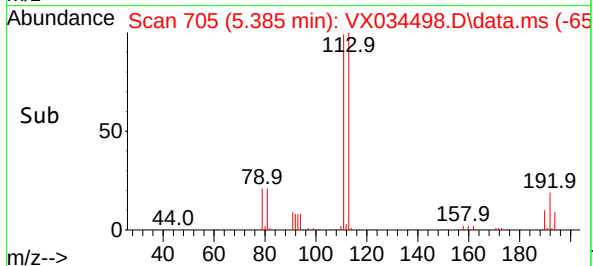
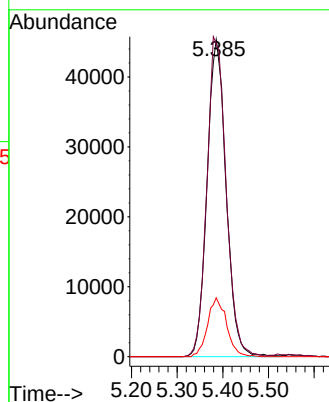
Tgt Ion:113 Resp: 131400

Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 18.6 15.4 23.2



#44

Trichloroethene

Concen: 171.797 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034498.D

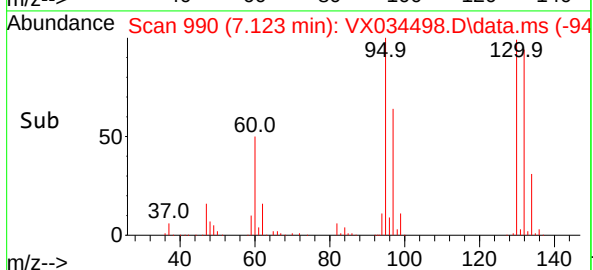
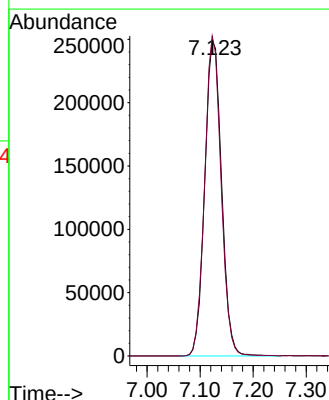
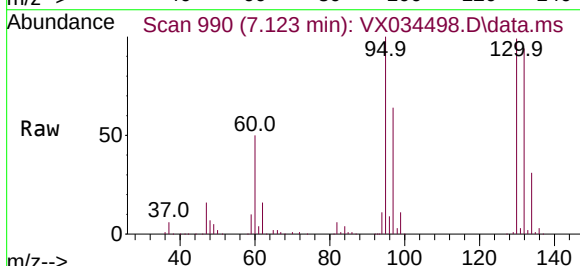
Acq: 15 Mar 2023 10:55

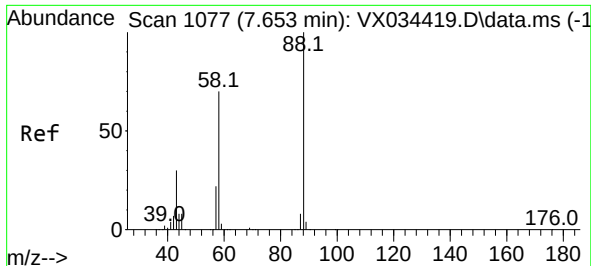
Tgt Ion:130 Resp: 549246

Ion Ratio Lower Upper

130 100

95 101.3 0.0 198.4





#49

1,4-Dioxane

Concen: 33.979 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034498.D

Acq: 15 Mar 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20230312

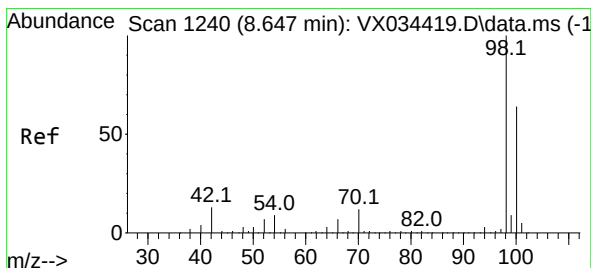
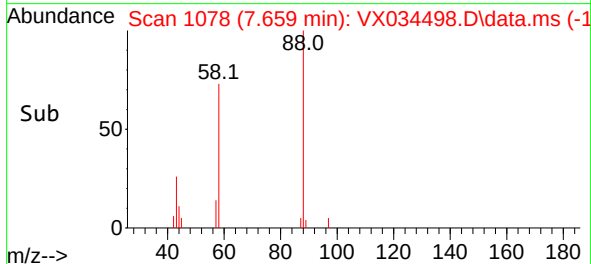
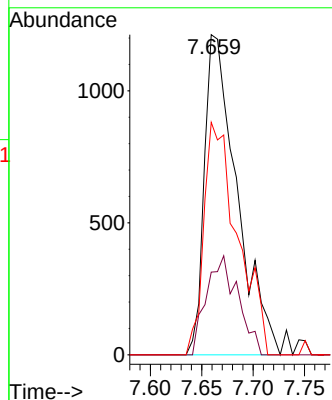
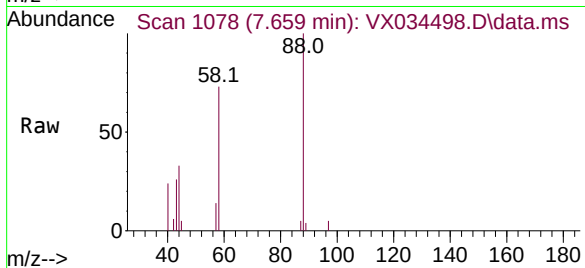
Tgt Ion: 88 Resp: 2672

Ion Ratio Lower Upper

88 100

43 29.9 27.7 41.5

58 75.1 56.8 85.2



#50

Toluene-d8

Concen: 49.498 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034498.D

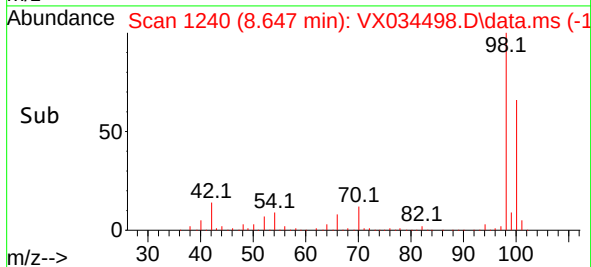
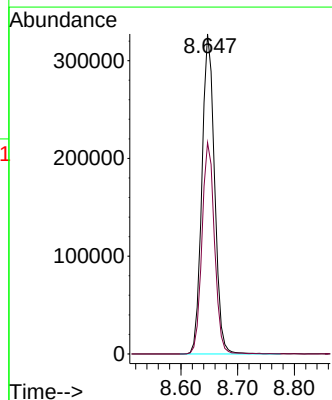
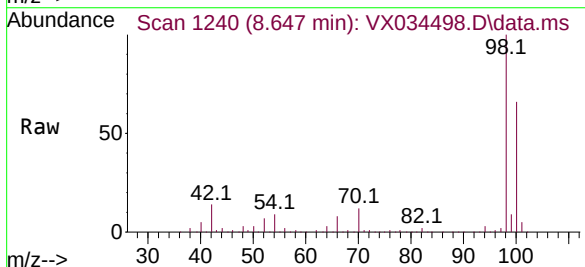
Acq: 15 Mar 2023 10:55

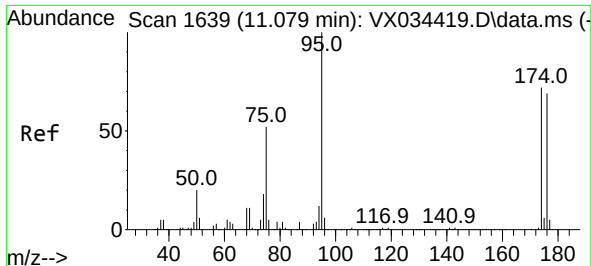
Tgt Ion: 98 Resp: 506019

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

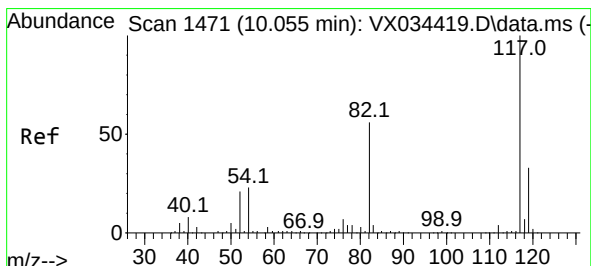
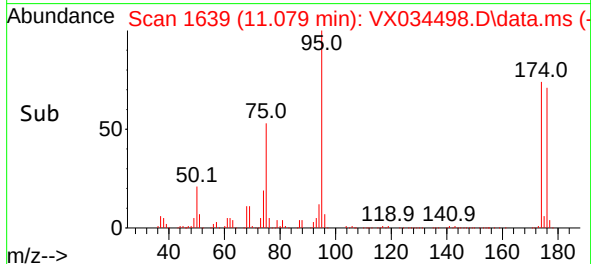
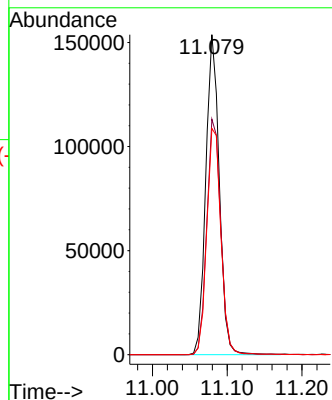
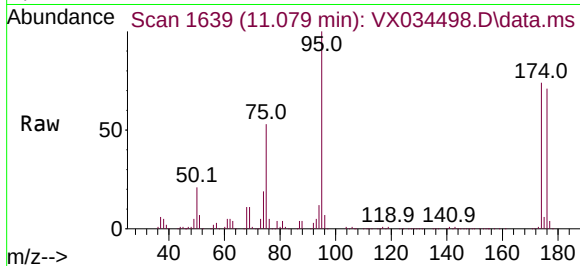




#62
4-Bromofluorobenzene
Concen: 46.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

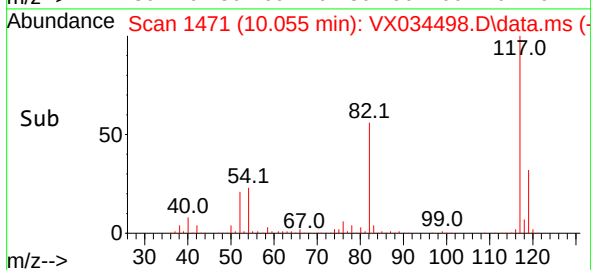
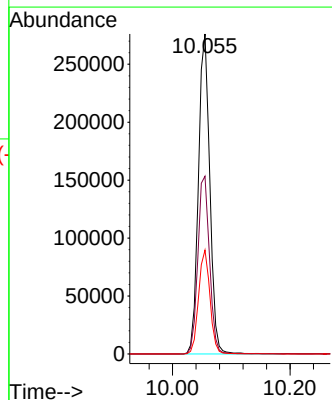
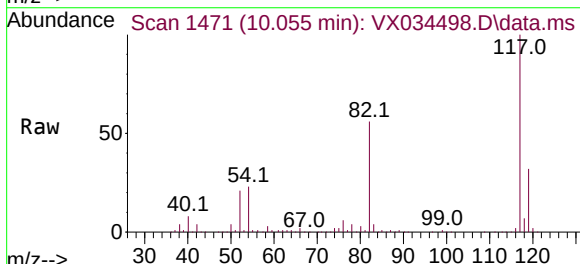
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20230312

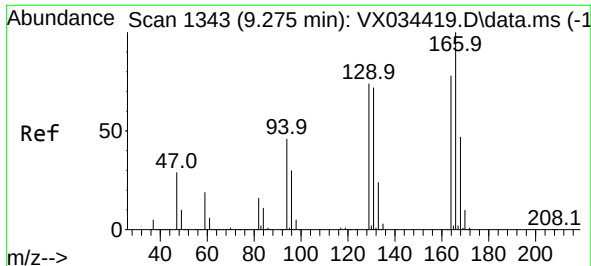
Tgt Ion: 95 Resp: 192749
Ion Ratio Lower Upper
95 100
174 76.2 0.0 147.4
176 74.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

Tgt Ion: 117 Resp: 370895
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.5 26.0 39.0

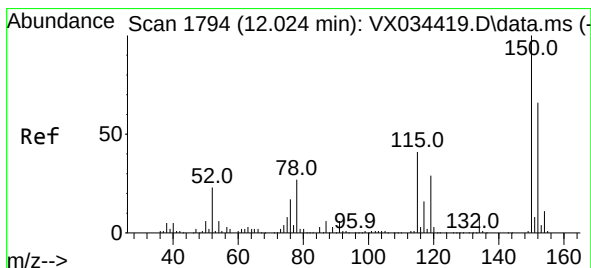
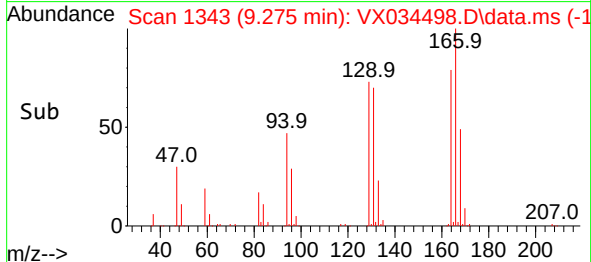
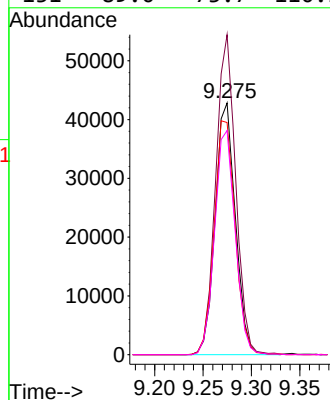
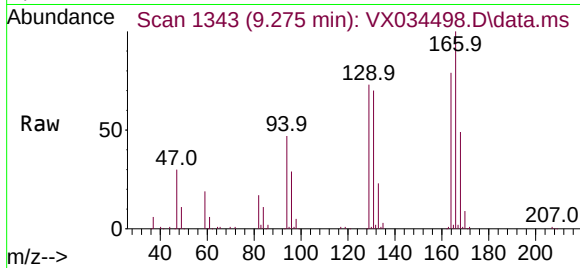




#64
Tetrachloroethene
Concen: 24.917 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034498.D
Acq: 15 Mar 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20230312

Tgt Ion:164 Resp: 62078
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 92.2 75.6 113.4
131 89.0 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: VX034498.D
Acq: 15 Mar 2023 10:55

Tgt Ion:152 Resp: 163847
Ion Ratio Lower Upper
152 100
115 59.1 45.0 135.0
150 155.9 0.0 352.4

