

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034554.D
 Acq On : 16 Mar 2023 18:33
 Operator : JC/MD
 Sample : 01904-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20230313

Quant Time: Mar 17 06:29:54 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)

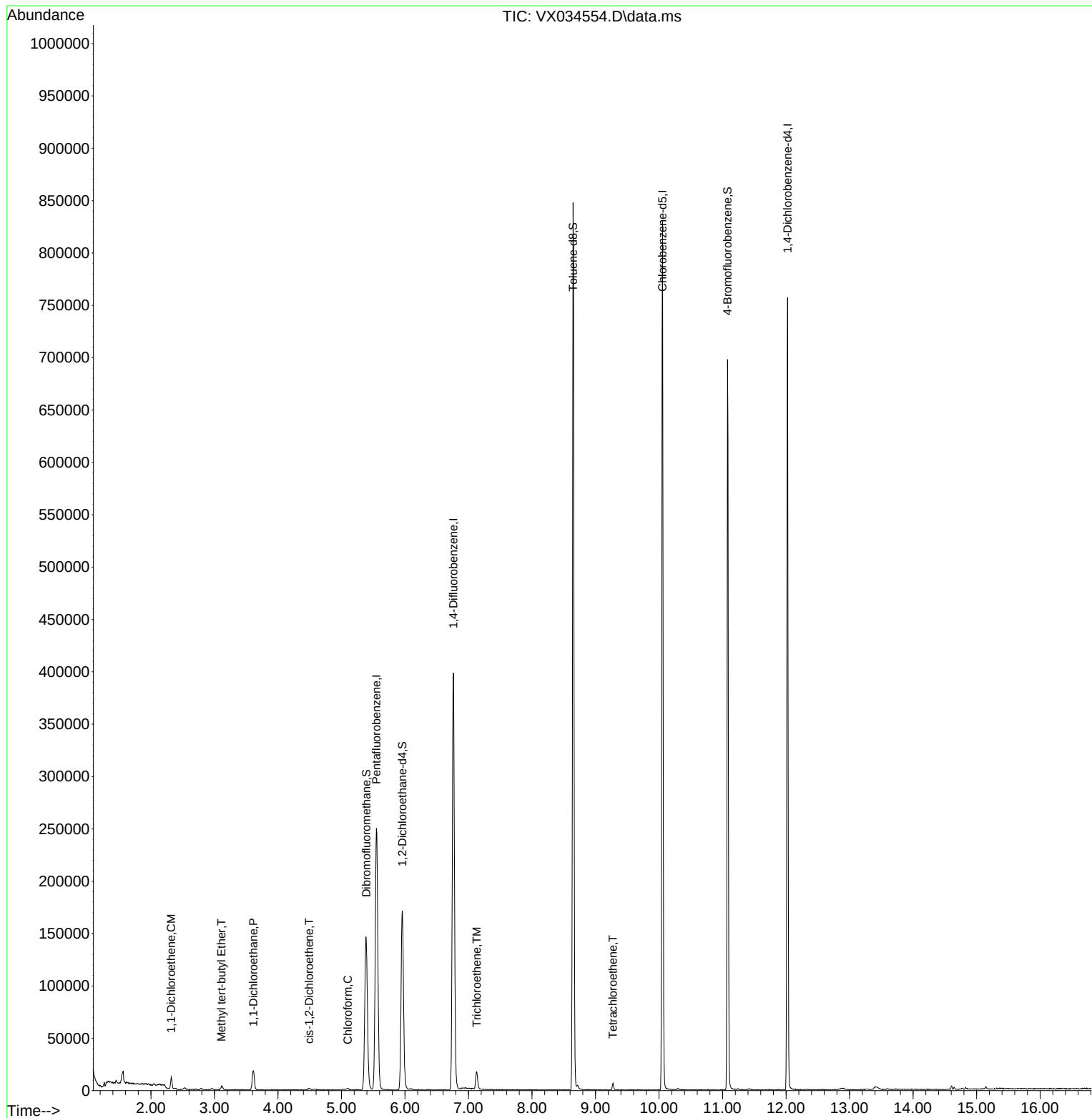
Internal Standards						
1) Pentafluorobenzene	5.550	168	236405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402539	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162776	47.329	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.660%
35) Dibromofluoromethane	5.391	113	126504	47.598	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.647	98	480959	48.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	182851	45.627	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.260%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	3411	1.318	ug/l #	74
19) Methyl tert-butyl Ether	3.111	73	3343	0.361	ug/l #	86
24) 1,1-Dichloroethane	3.611	63	21509	4.000	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	813	0.246	ug/l	97
30) Chloroform	5.099	83	1727	0.328	ug/l	97
44) Trichloroethene	7.129	130	6351	2.047	ug/l	91
64) Tetrachloroethene	9.275	164	1232	0.524	ug/l #	79

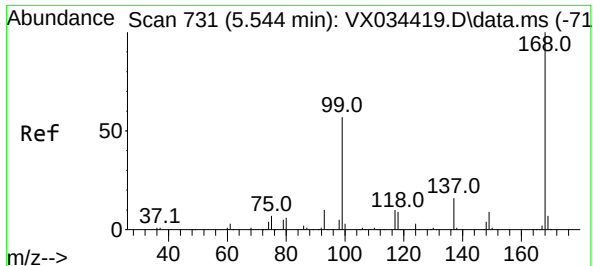
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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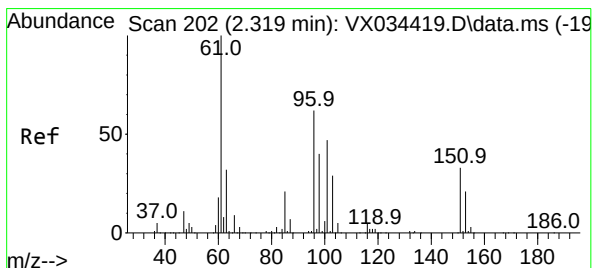
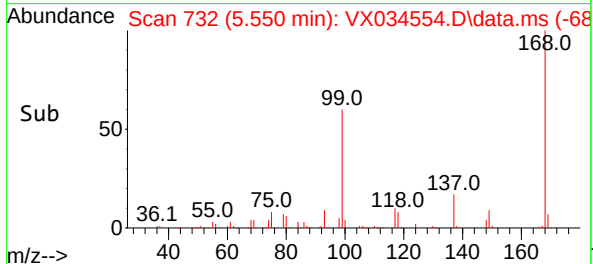
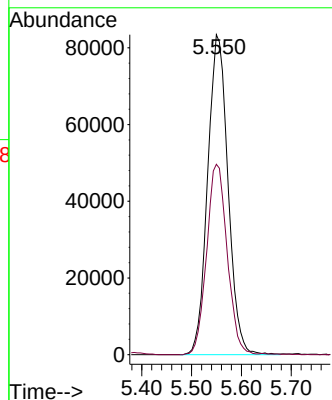
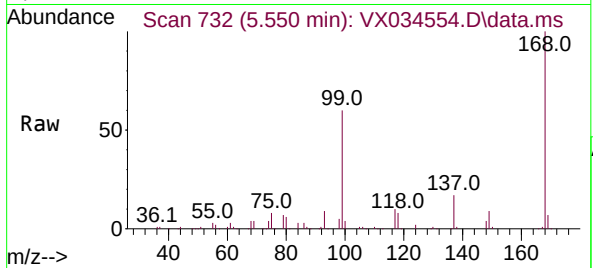




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034554.D
Acq: 16 Mar 2023 18:33

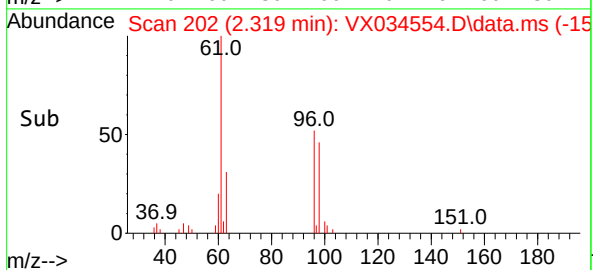
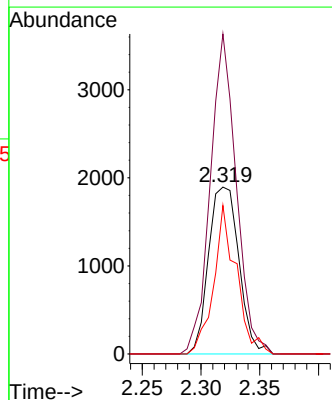
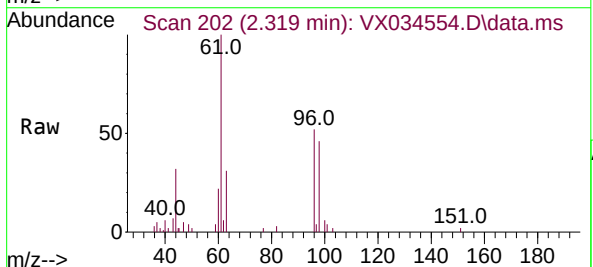
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230313

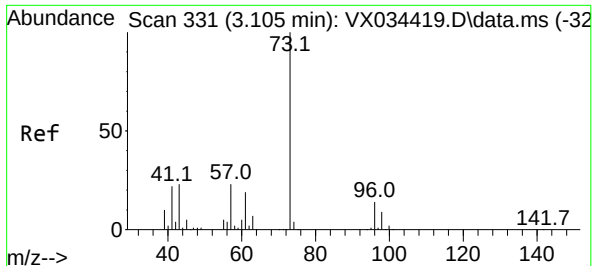
Tgt Ion:168 Resp: 236405
Ion Ratio Lower Upper
168 100
99 59.5 45.7 68.5



#12
1,1-Dichloroethene
Concen: 1.318 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034554.D
Acq: 16 Mar 2023 18:33

Tgt Ion: 96 Resp: 3411
Ion Ratio Lower Upper
96 100
61 191.7 128.8 193.2
98 88.9 51.4 77.0#

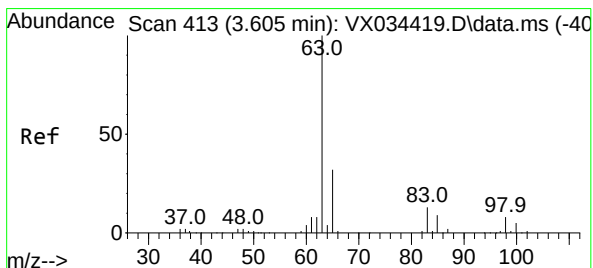
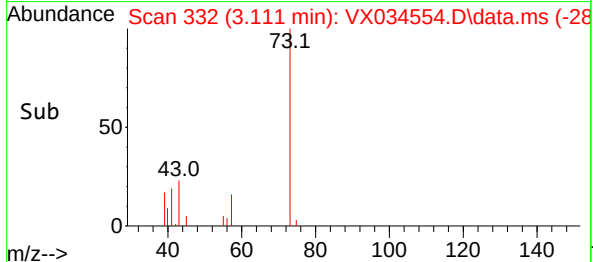
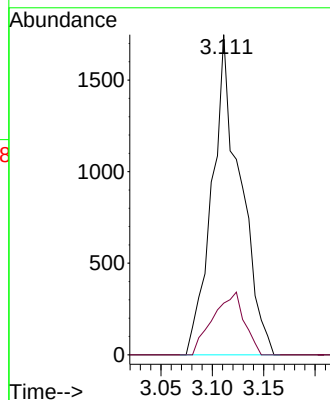
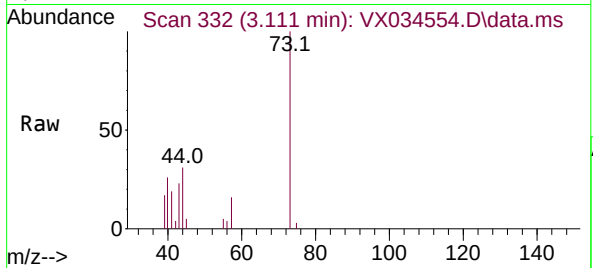




#19
Methyl tert-butyl Ether
Concen: 0.361 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034554.D
Acq: 16 Mar 2023 18:33

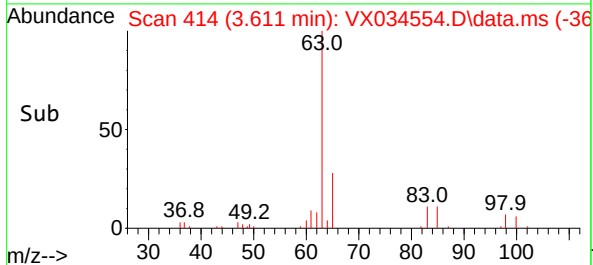
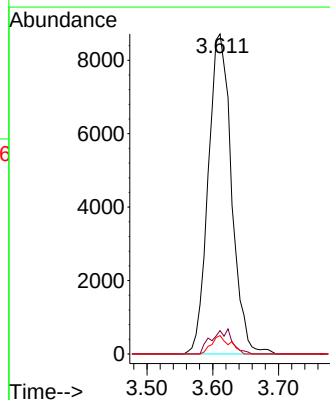
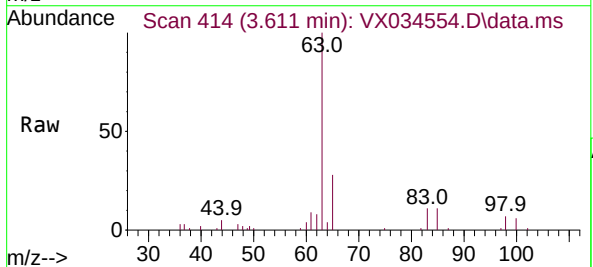
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230313

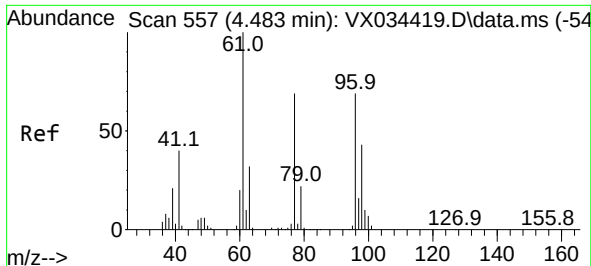
Tgt Ion: 73 Resp: 3343
Ion Ratio Lower Upper
73 100
57 16.1 18.5 27.7#



#24
1,1-Dichloroethane
Concen: 4.000 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX034554.D
Acq: 16 Mar 2023 18:33

Tgt Ion: 63 Resp: 21509
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.2
100 5.7 2.4 7.1





#27

cis-1,2-Dichloroethene

Concen: 0.246 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034554.D

Acq: 16 Mar 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20230313

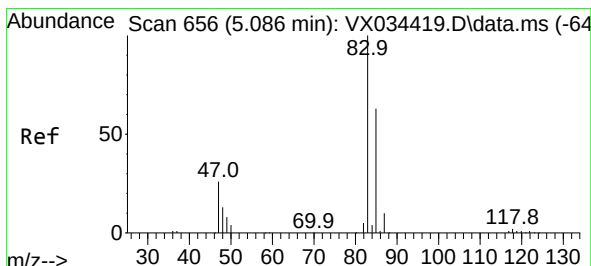
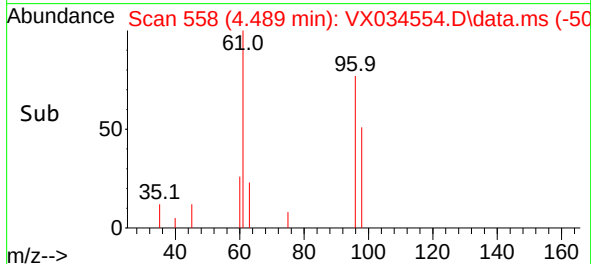
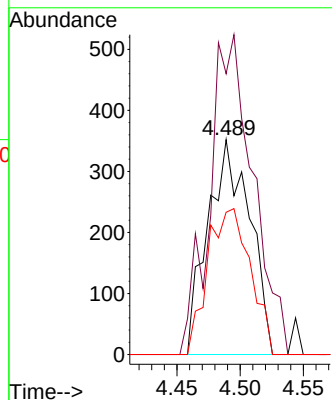
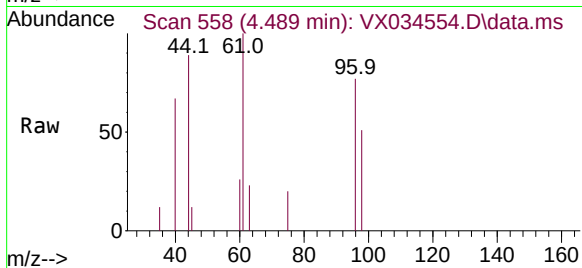
Tgt Ion: 96 Resp: 813

Ion Ratio Lower Upper

96 100

61 153.3 0.0 300.4

98 68.9 0.0 129.0



#30

Chloroform

Concen: 0.328 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX034554.D

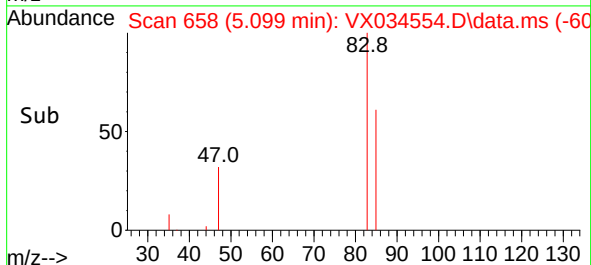
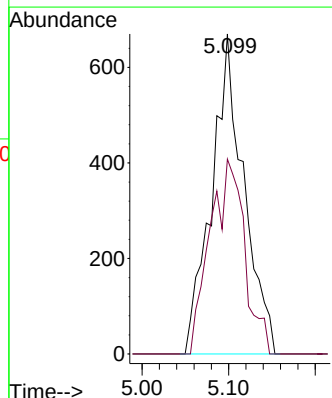
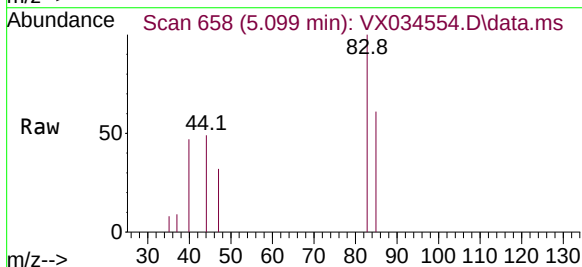
Acq: 16 Mar 2023 18:33

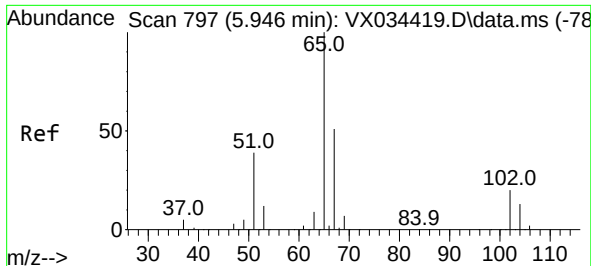
Tgt Ion: 83 Resp: 1727

Ion Ratio Lower Upper

83 100

85 60.9 50.6 76.0

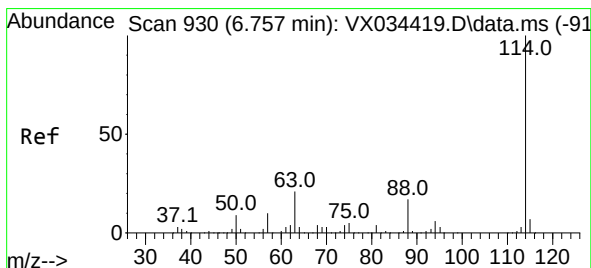
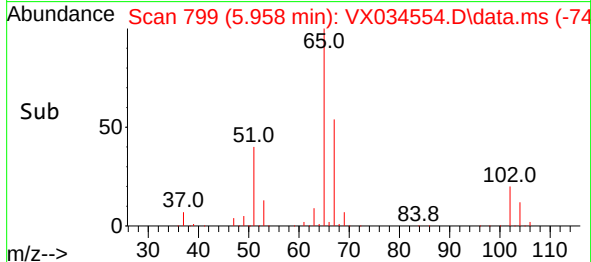
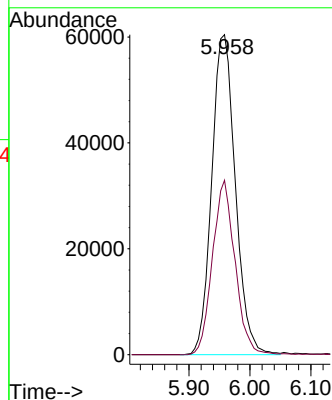
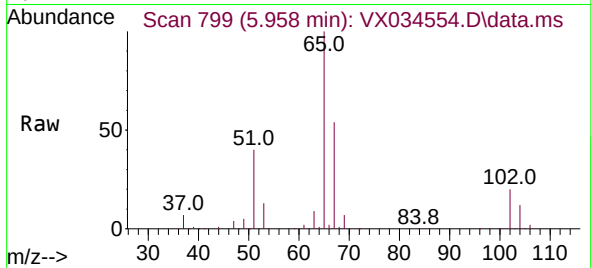




#33
 1,2-Dichloroethane-d4
 Concen: 47.329 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.012 min
 Lab File: VX034554.D
 Acq: 16 Mar 2023 18:33

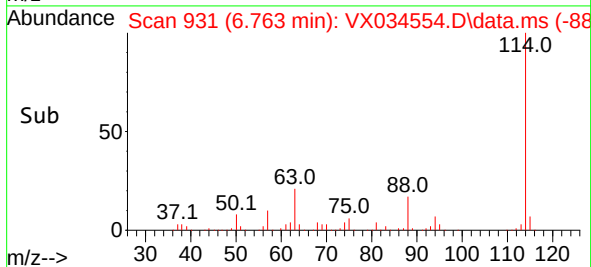
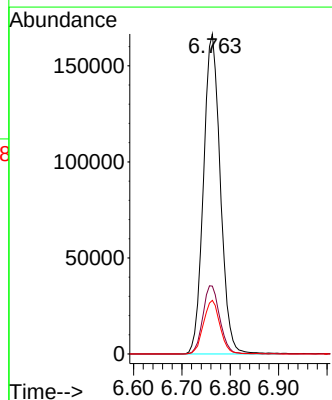
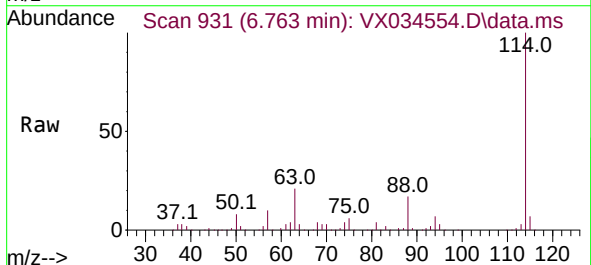
Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20230313

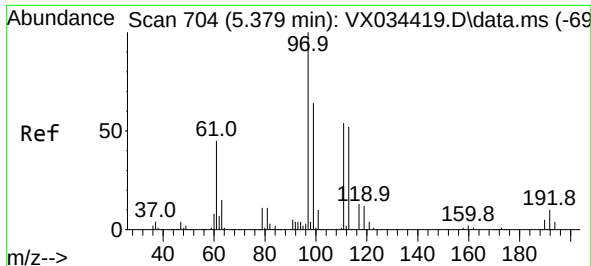
Tgt Ion: 65 Resp: 162776
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034554.D
 Acq: 16 Mar 2023 18:33

Tgt Ion: 114 Resp: 402539
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.2
 88 16.8 0.0 33.2

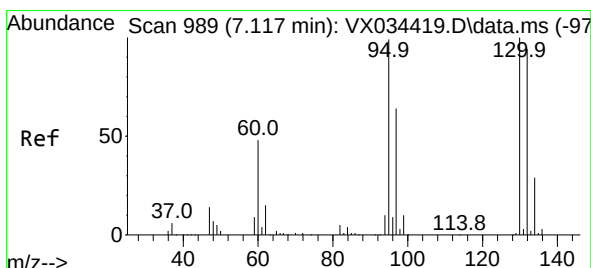
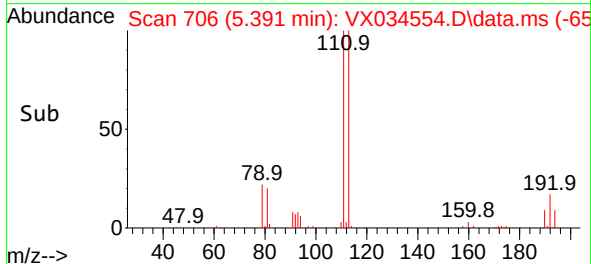
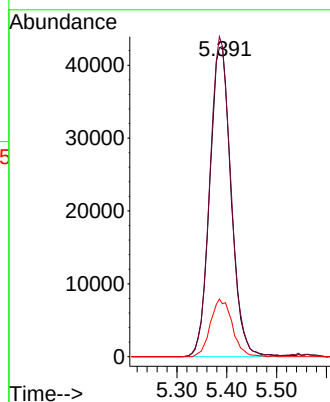
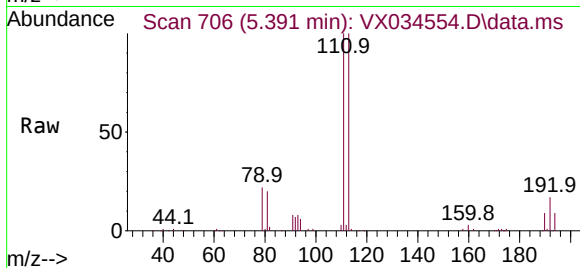




#35
Dibromofluoromethane
Concen: 47.598 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX034554.D
Acq: 16 Mar 2023 18:33

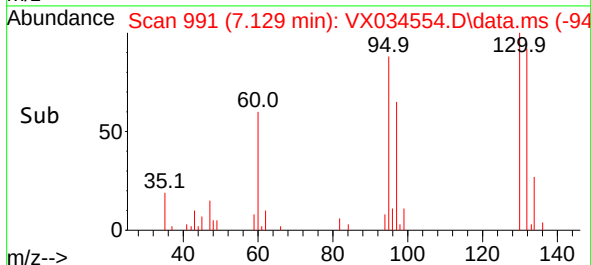
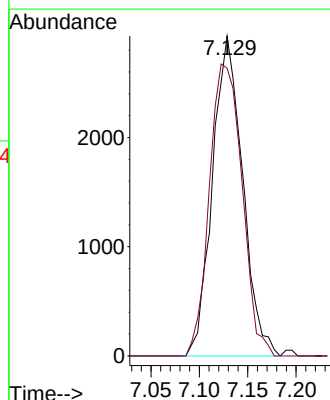
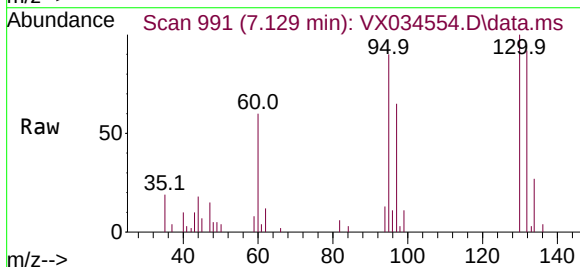
Instrument :
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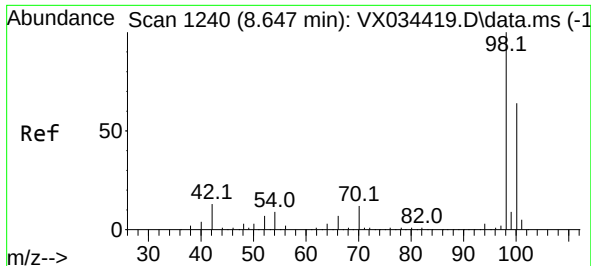
Tgt Ion:113 Resp: 126504
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 19.0 15.4 23.2



#44
Trichloroethene
Concen: 2.047 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX034554.D
Acq: 16 Mar 2023 18:33

Tgt Ion:130 Resp: 6351
Ion Ratio Lower Upper
130 100
95 89.9 0.0 198.4

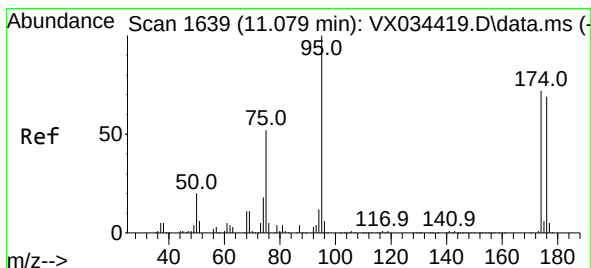
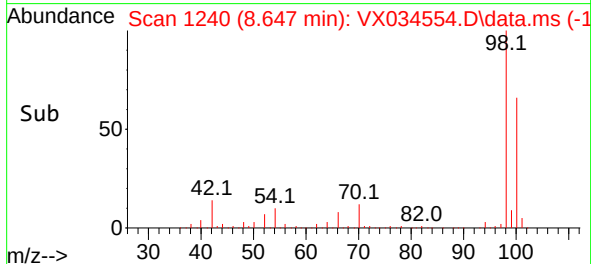
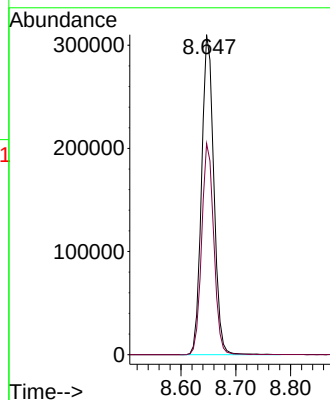
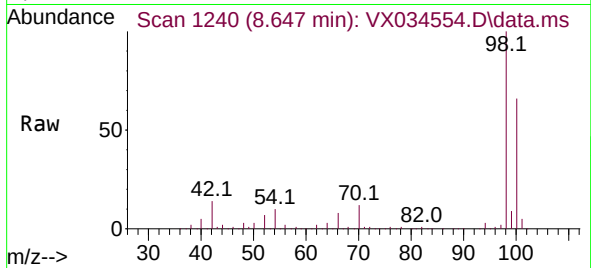




#50
Toluene-d8
Concen: 48.476 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034554.D
Acq: 16 Mar 2023 18:33

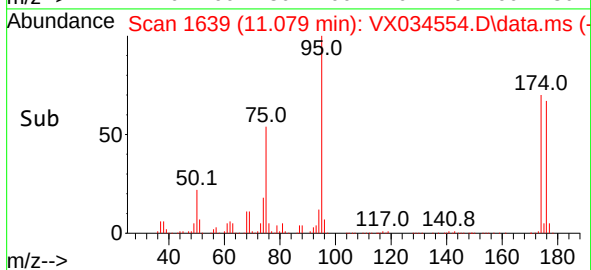
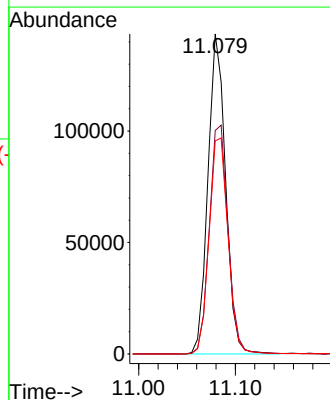
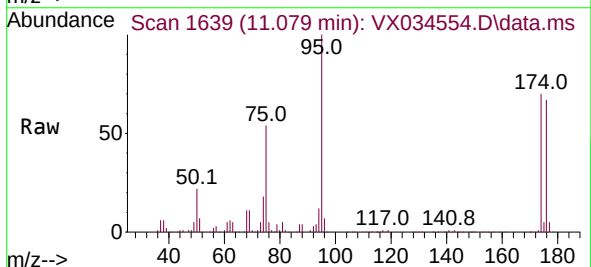
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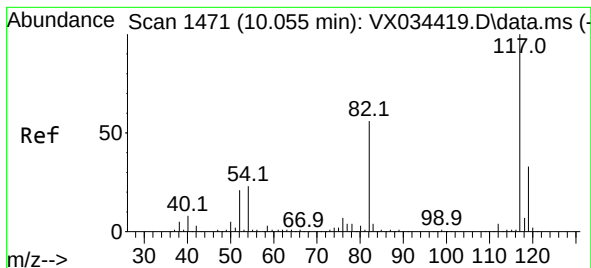
Tgt Ion: 98 Resp: 480959
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.627 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034554.D
Acq: 16 Mar 2023 18:33

Tgt Ion: 95 Resp: 182851
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.4
176 72.3 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: VX034554.D

Acq: 16 Mar 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20230313

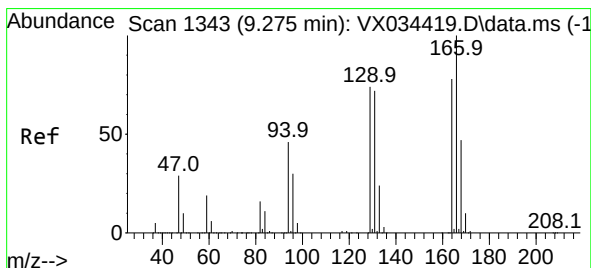
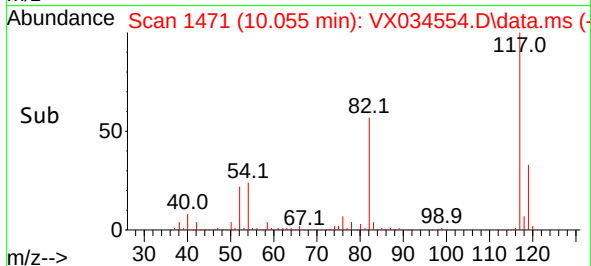
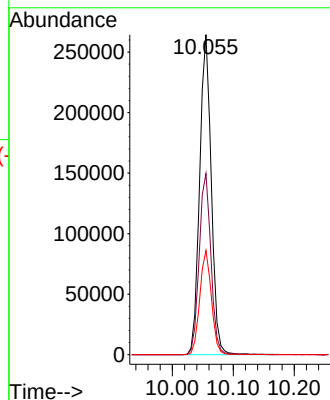
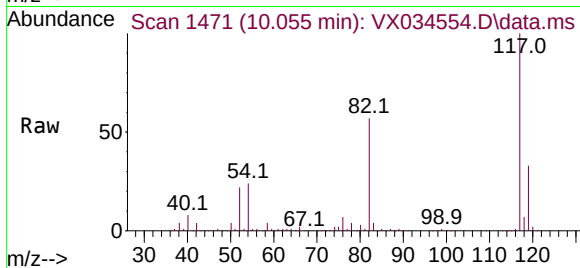
Tgt Ion:117 Resp: 350342

Ion Ratio Lower Upper

117 100

82 56.6 45.0 67.4

119 32.6 26.0 39.0



#64

Tetrachloroethene

Concen: 0.524 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX034554.D

Acq: 16 Mar 2023 18:33

Tgt Ion:164 Resp: 1232

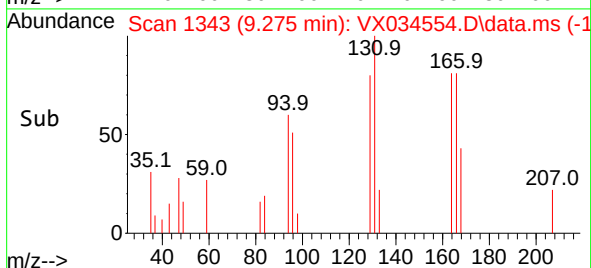
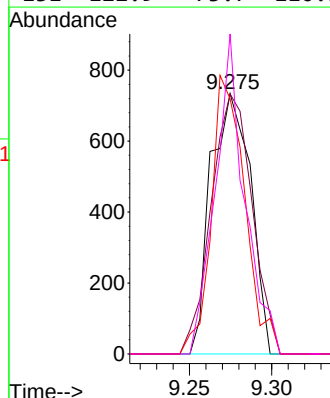
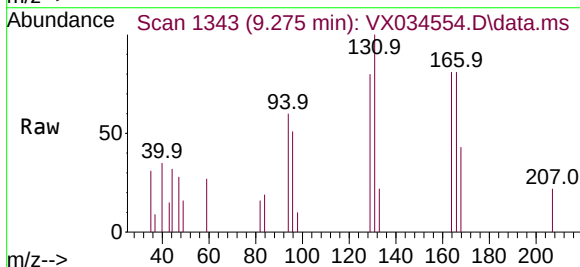
Ion Ratio Lower Upper

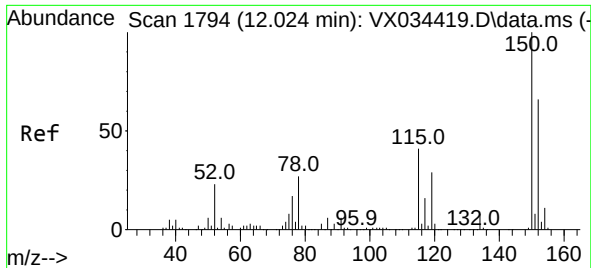
164 100

166 99.9 102.7 154.1#

129 98.0 75.6 113.4

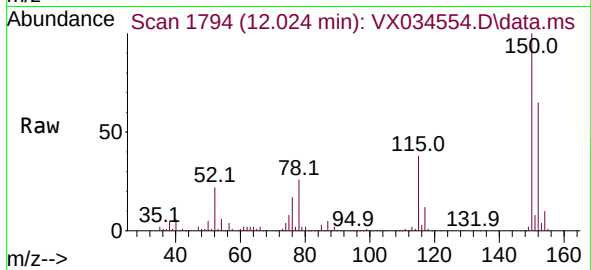
131 122.9 73.7 110.5#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034554.D
 Acq: 16 Mar 2023 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20230313



Tgt Ion:152 Resp: 148861
 Ion Ratio Lower Upper
 152 100
 115 60.4 45.0 135.0
 150 157.3 0.0 352.4

