

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040483.D
 Acq On : 27 Feb 2024 12:44
 Operator : JC/MD
 Sample : P1578-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20240222

Quant Time: Feb 28 02:01:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

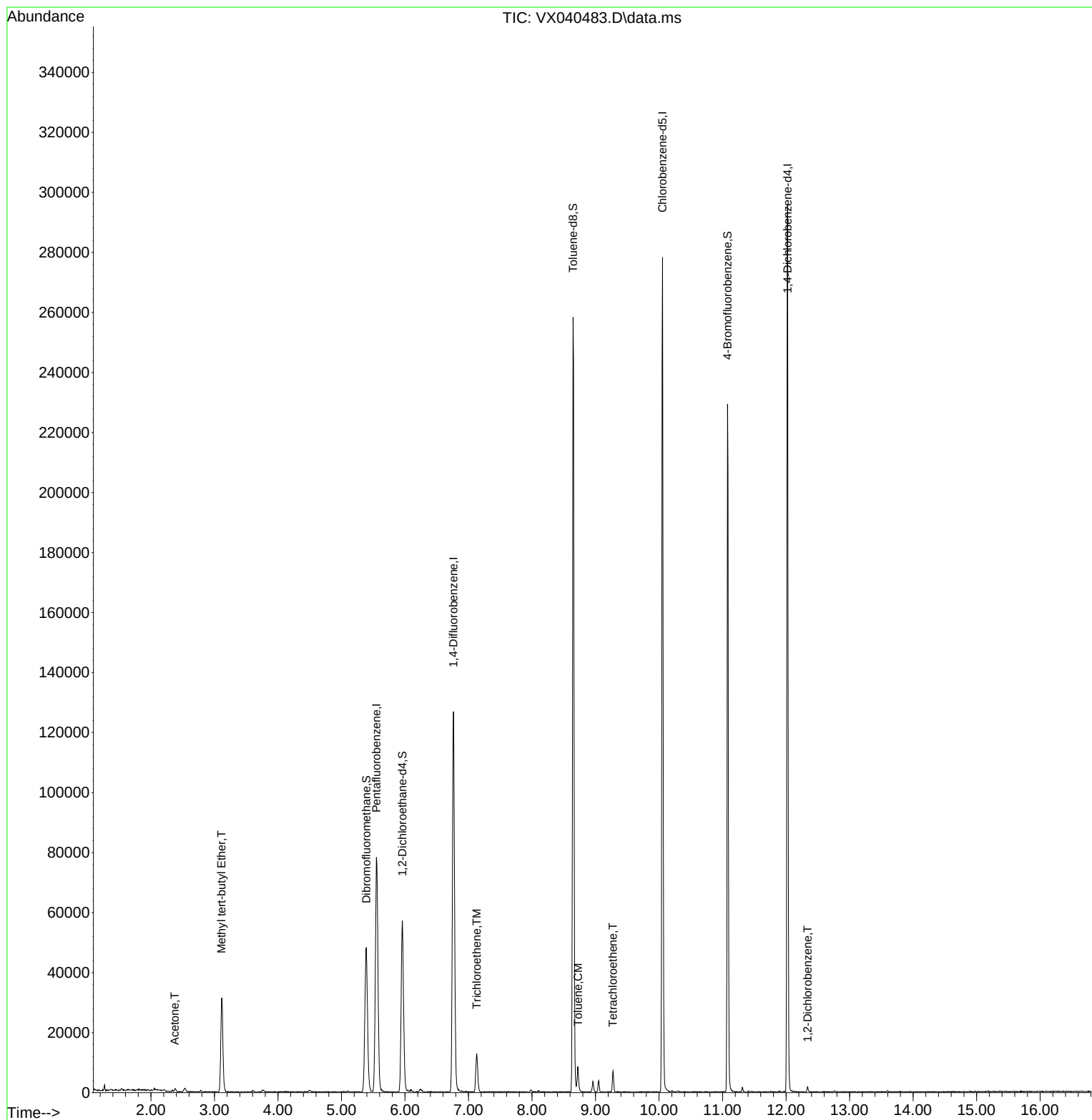
Internal Standards						
1) Pentafluorobenzene	5.550	168	67523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55535	49.174	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.340%
35) Dibromofluoromethane	5.391	113	41731	49.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.780%
50) Toluene-d8	8.647	98	149142	49.125	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.079	95	58394	50.458	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.920%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1091	2.962	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	33381	12.721	ug/l	99
44) Trichloroethene	7.129	130	4661	4.968	ug/l	95
52) Toluene	8.726	92	2991	1.397	ug/l	96
64) Tetrachloroethene	9.275	164	1034	1.253	ug/l #	82
91) 1,2-Dichlorobenzene	12.341	146	623	0.324	ug/l	88

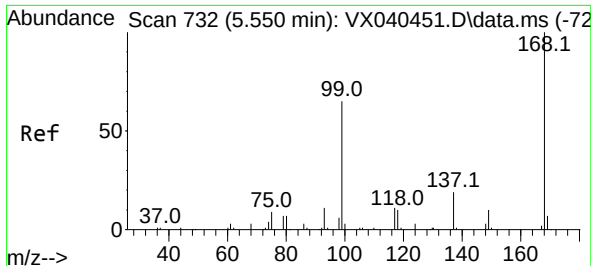
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

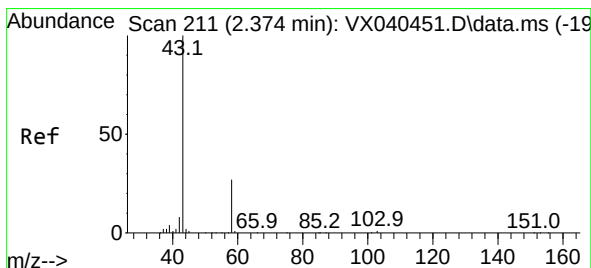
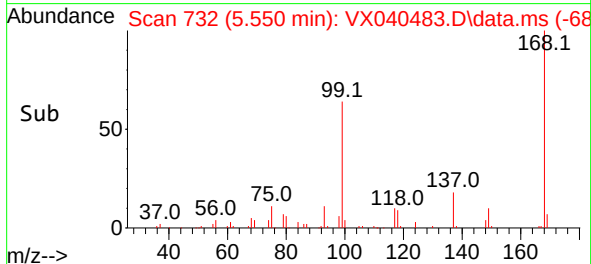
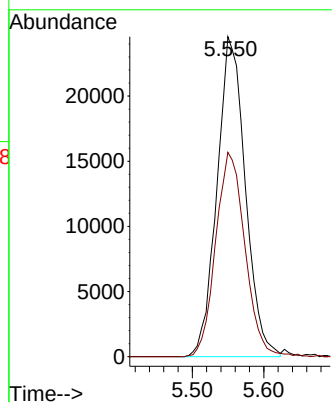
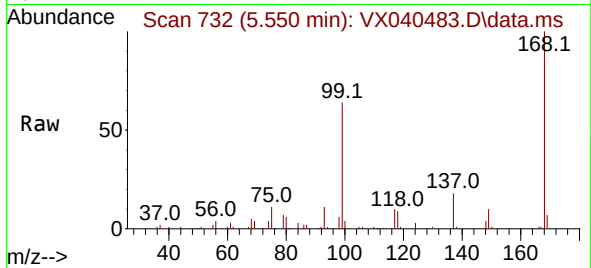




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

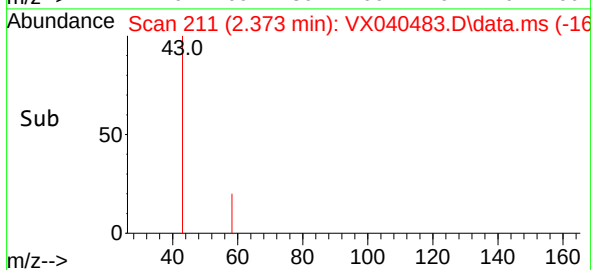
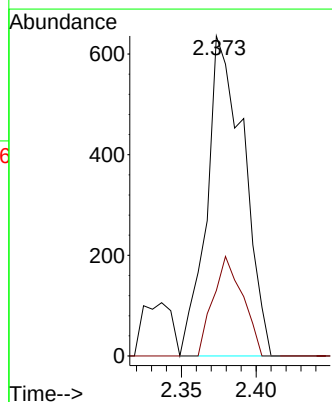
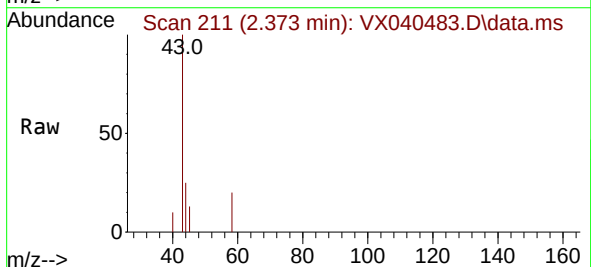
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20240222

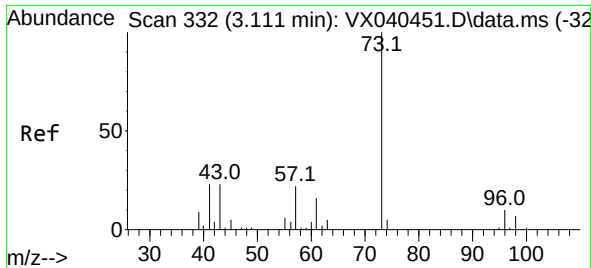
Tgt Ion:168 Resp: 67523
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#16
Acetone
Concen: 2.962 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
58 20.4 21.9 32.9#

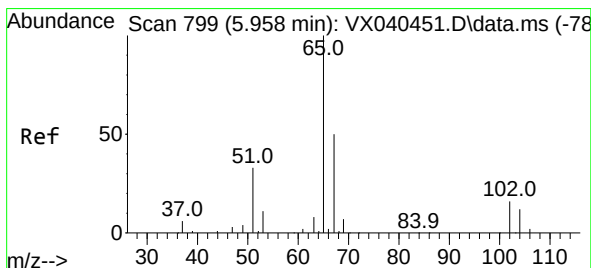
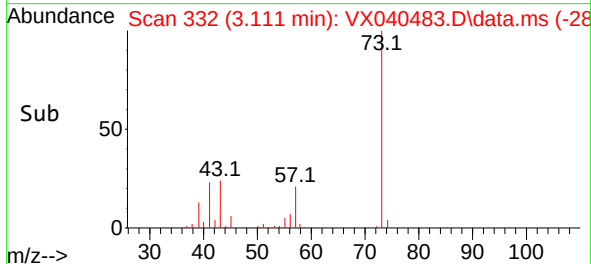
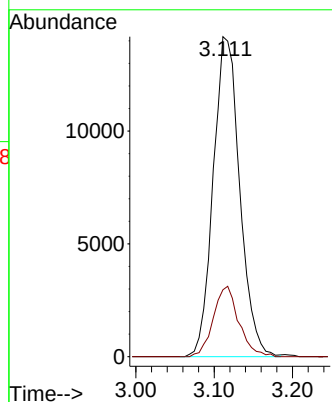
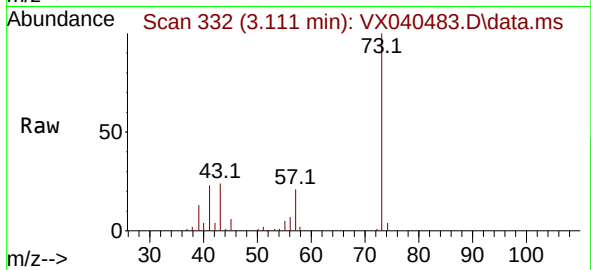




#19
Methyl tert-butyl Ether
Concen: 12.721 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

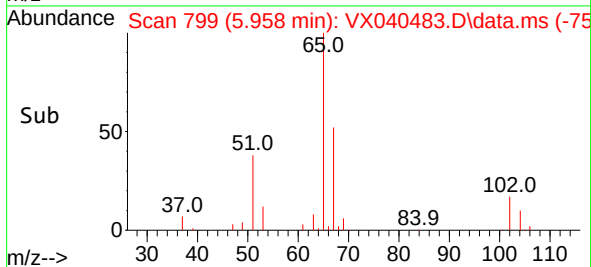
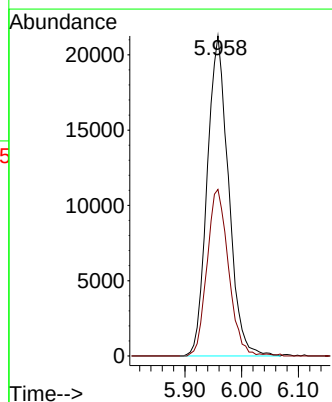
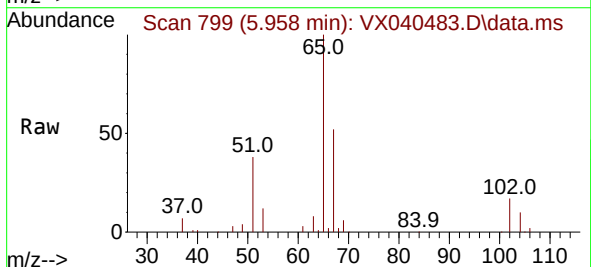
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20240222

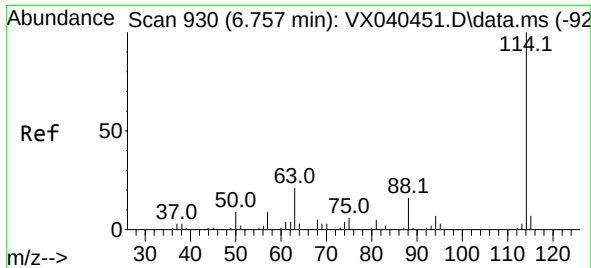
Tgt Ion: 73 Resp: 33381
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 49.174 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

Tgt Ion: 65 Resp: 55535
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

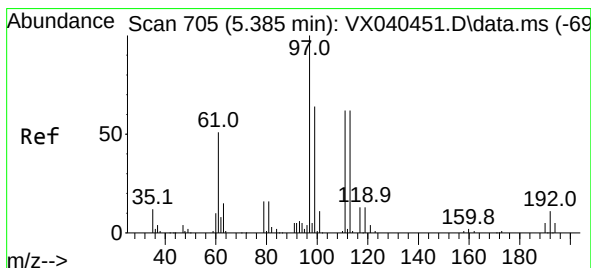
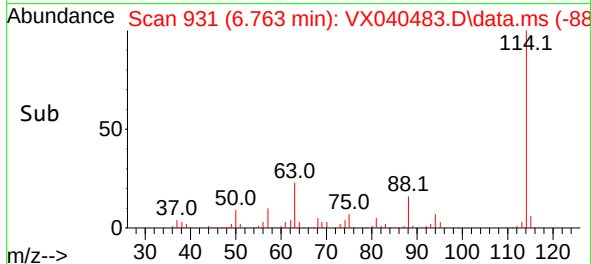
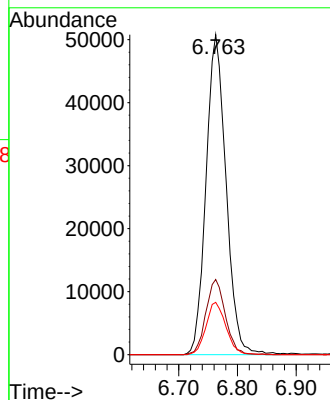
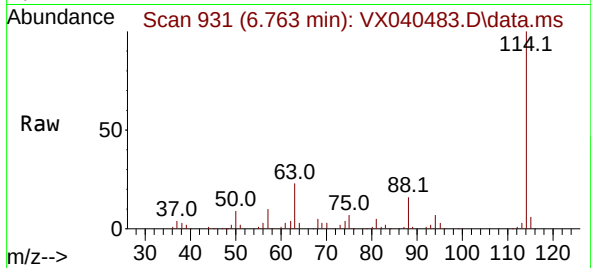




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

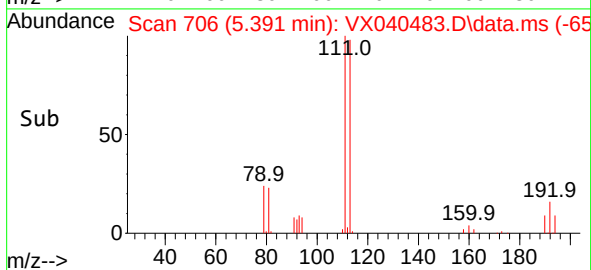
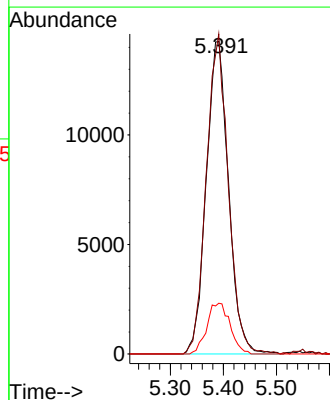
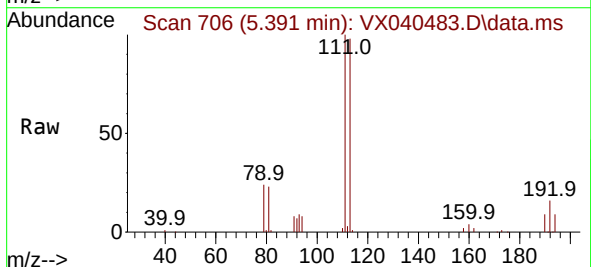
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20240222

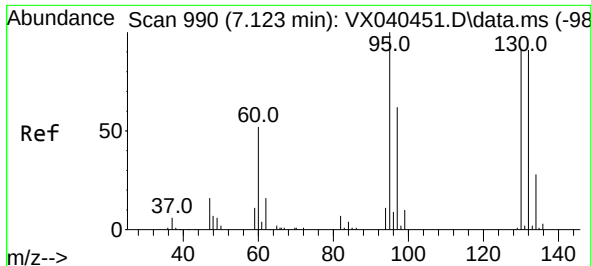
Tgt Ion:114 Resp: 120274
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.895 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

Tgt Ion:113 Resp: 41731
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 16.9 13.3 19.9

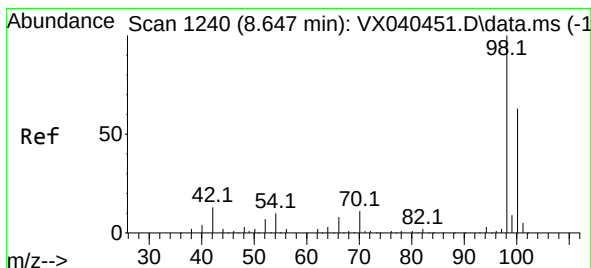
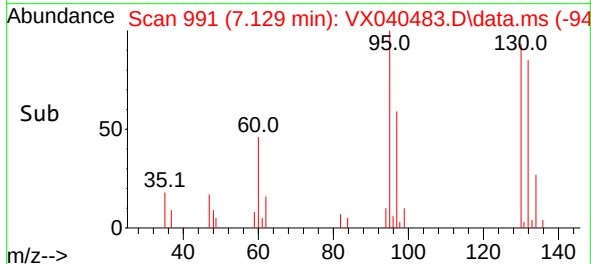
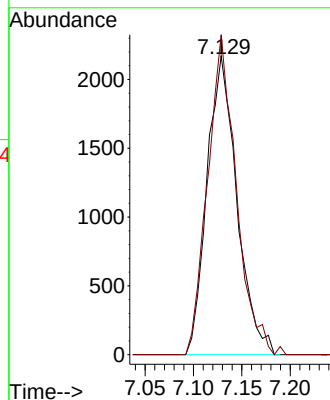
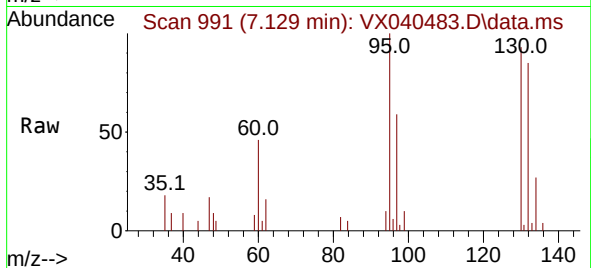




#44
Trichloroethene
Concen: 4.968 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

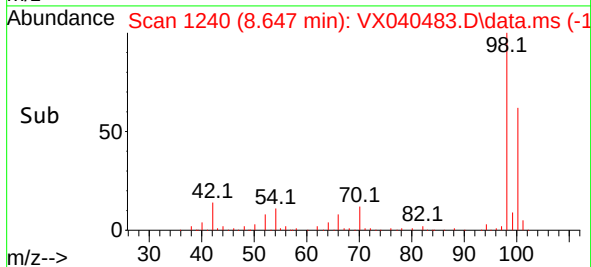
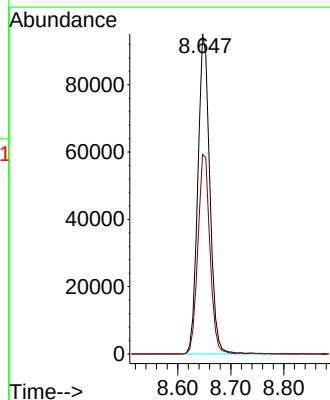
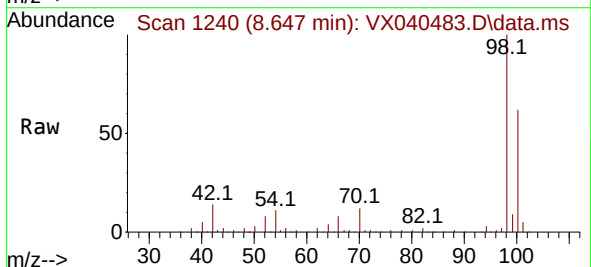
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20240222

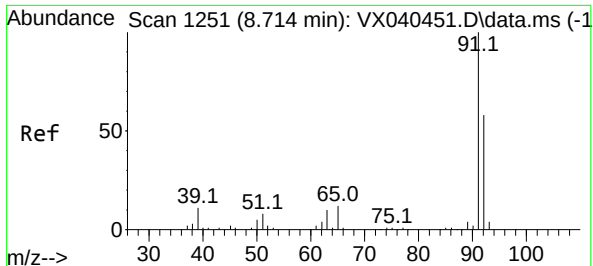
Tgt Ion:130 Resp: 4661
Ion Ratio Lower Upper
130 100
95 107.0 0.0 204.4



#50
Toluene-d8
Concen: 49.125 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

Tgt Ion: 98 Resp: 149142
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

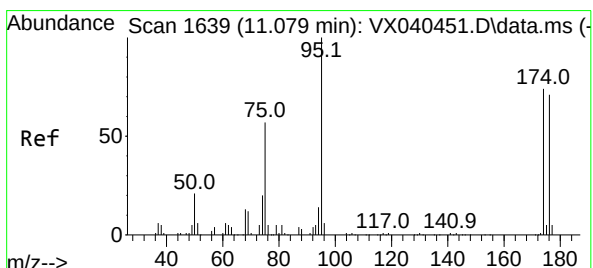
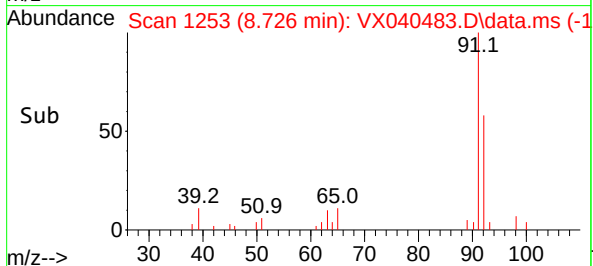
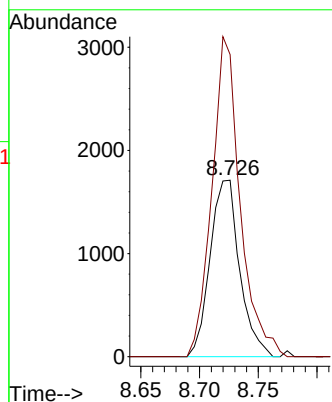
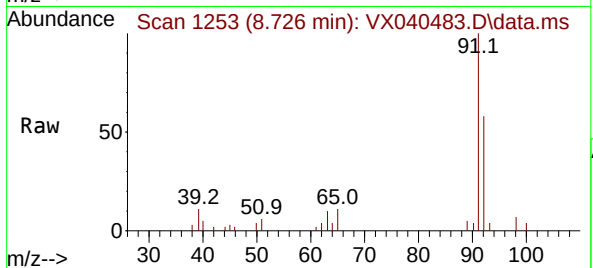




#52
Toluene
Concen: 1.397 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

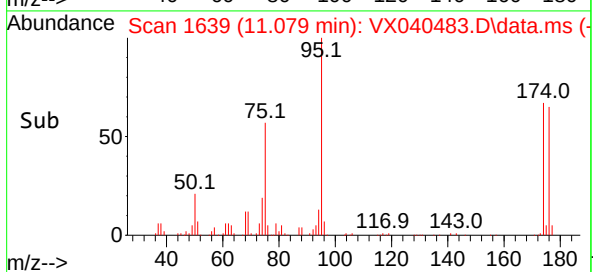
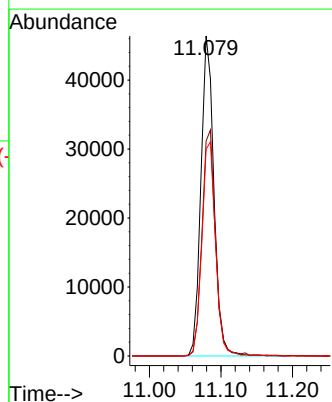
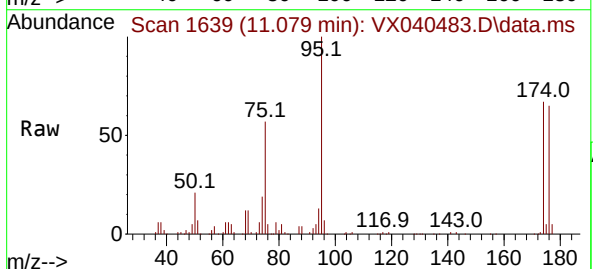
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20240222

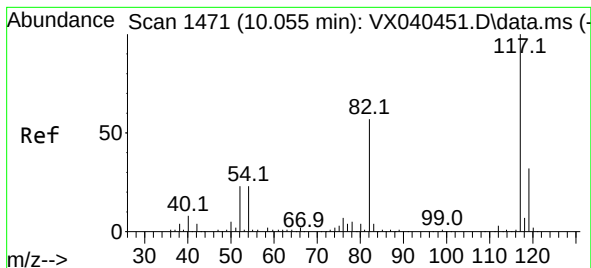
Tgt Ion: 92 Resp: 2991
Ion Ratio Lower Upper
92 100
91 173.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040483.D
Acq: 27 Feb 2024 12:44

Tgt Ion: 95 Resp: 58394
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 70.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040483.D

Acq: 27 Feb 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

TT149S1-20240222

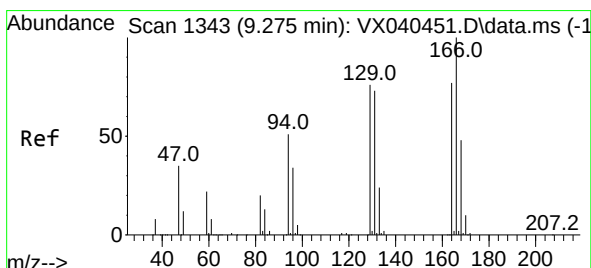
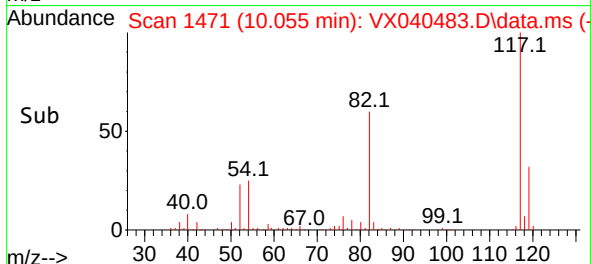
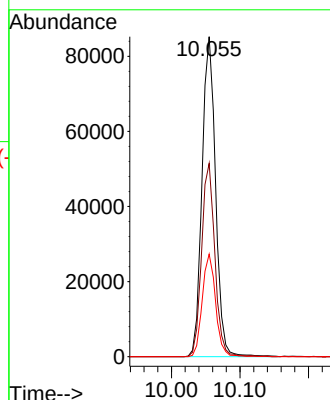
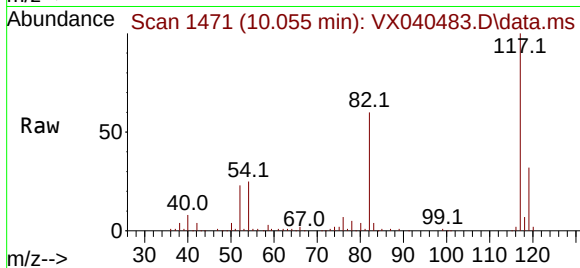
Tgt Ion:117 Resp: 117528

Ion Ratio Lower Upper

117 100

82 60.4 46.2 69.4

119 32.1 25.5 38.3



#64

Tetrachloroethene

Concen: 1.253 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040483.D

Acq: 27 Feb 2024 12:44

Tgt Ion:164 Resp: 1034

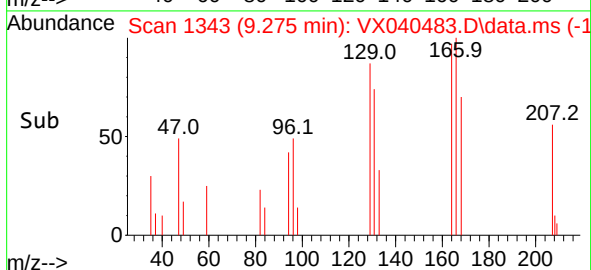
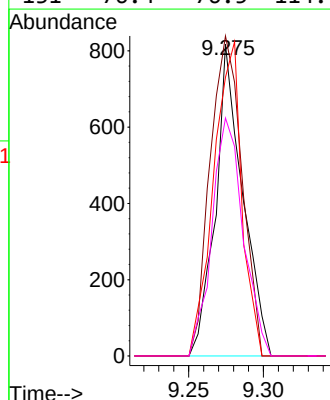
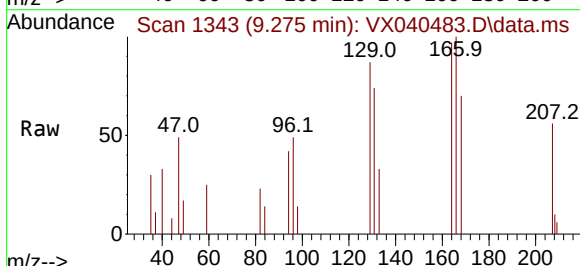
Ion Ratio Lower Upper

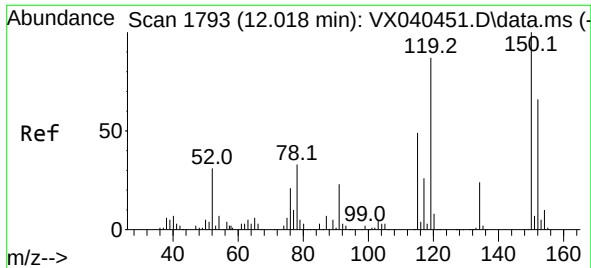
164 100

166 102.7 102.7 154.1#

129 89.5 80.4 120.6

131 76.4 76.5 114.7#

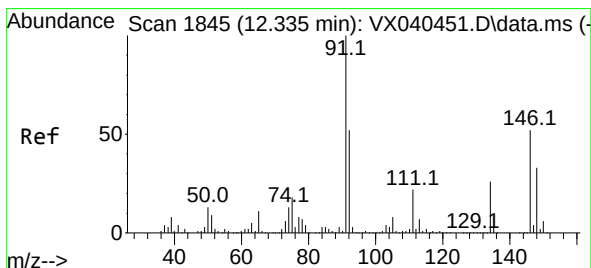
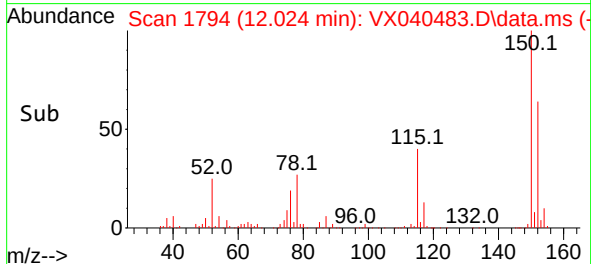
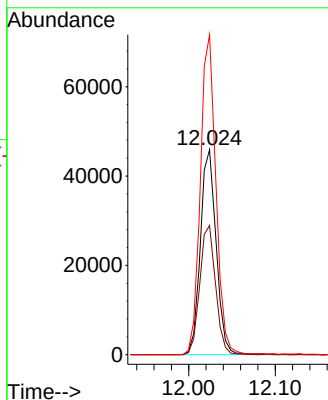
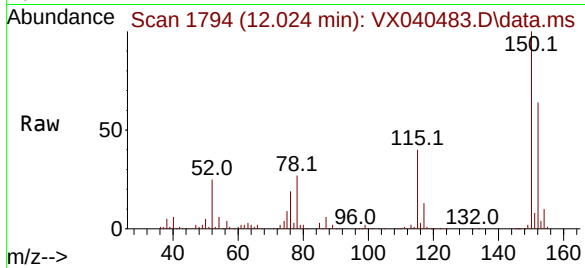




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040483.D
 Acq: 27 Feb 2024 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20240222

Tgt Ion:152 Resp: 58081
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 154.0 0.0 345.0



#91
 1,2-Dichlorobenzene
 Concen: 0.324 ug/l
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VX040483.D
 Acq: 27 Feb 2024 12:44

Tgt Ion:146 Resp: 623
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.4 67.0
 148 78.2 31.6 95.0

