

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040545.D
 Acq On : 29 Feb 2024 18:16
 Operator : JC/MD
 Sample : P1615-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20240226

Quant Time: Mar 01 03:52:50 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)

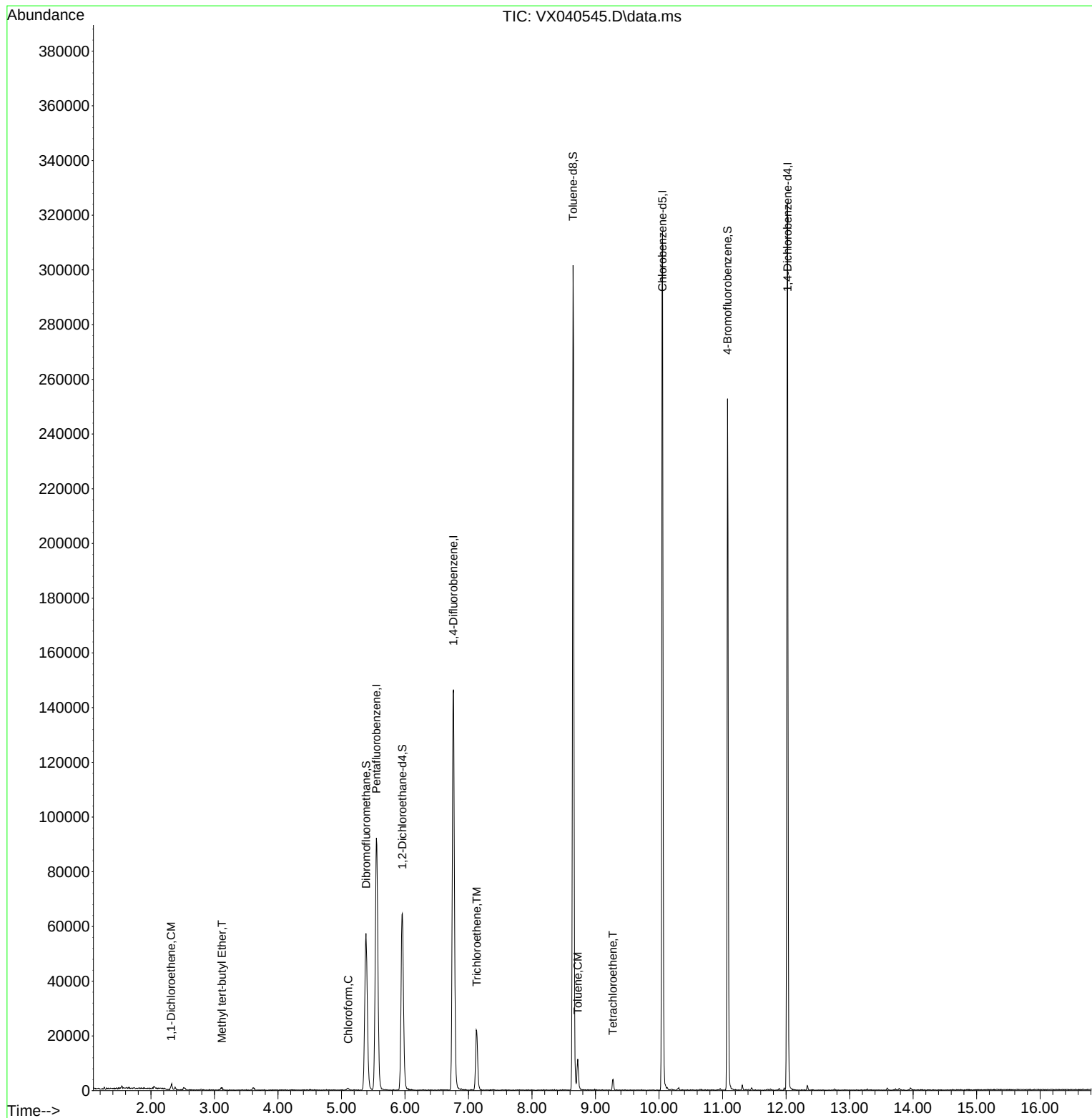
Internal Standards						
1) Pentafluorobenzene	5.550	168	81351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66266	48.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.400%		
35) Dibromofluoromethane	5.385	113	48652	49.907	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.820%		
50) Toluene-d8	8.647	98	173514	49.035	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	62038	45.992	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.980%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	421	0.454	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	957	0.303	ug/l #	87
30) Chloroform	5.105	83	776	0.385	ug/l #	65
44) Trichloroethene	7.129	130	8297	7.587	ug/l	98
52) Toluene	8.720	92	4174	1.673	ug/l	98
64) Tetrachloroethene	9.275	164	593	0.620	ug/l #	78

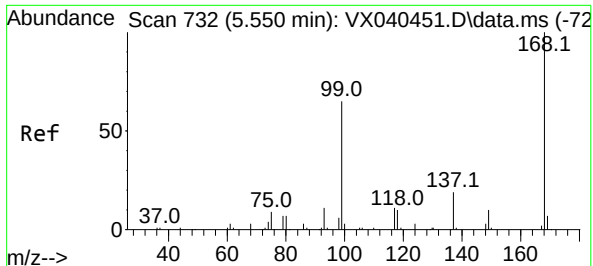
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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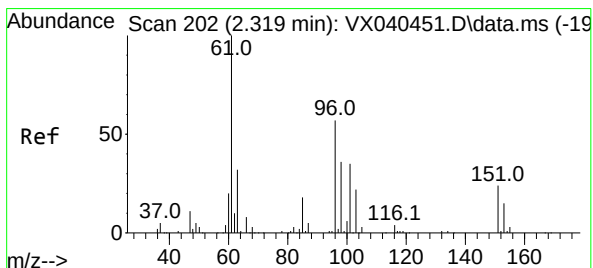
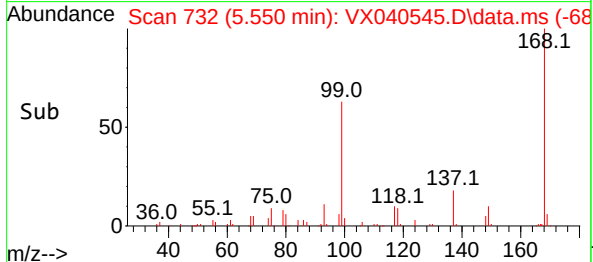
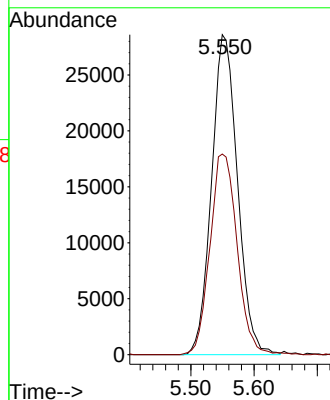
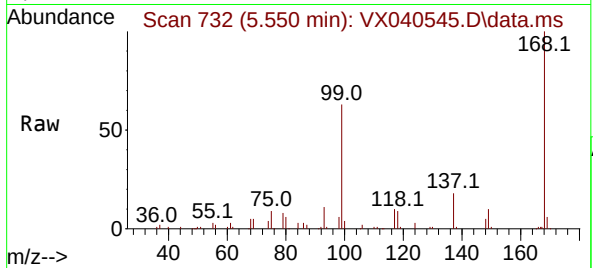




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

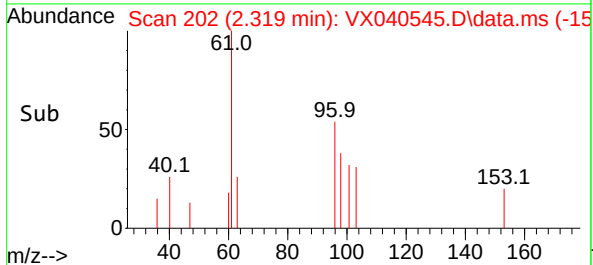
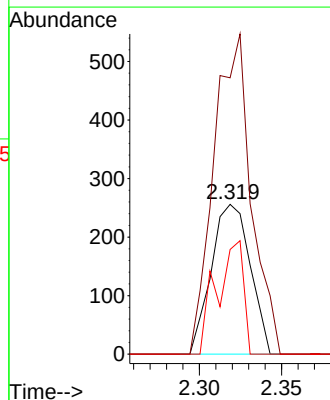
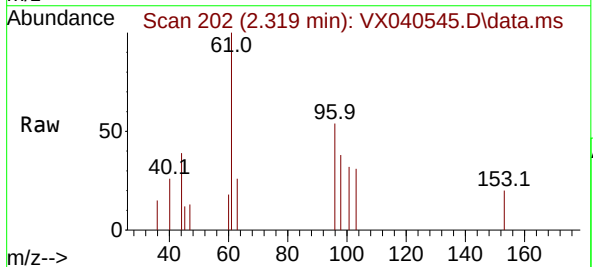
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

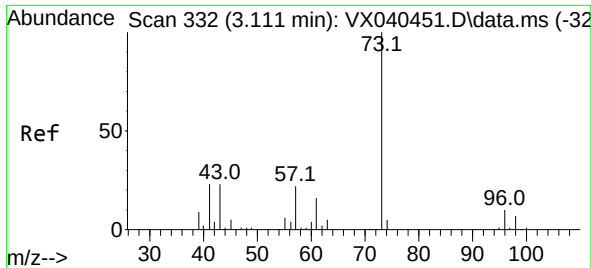
Tgt Ion:168 Resp: 81351
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.454 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion: 96 Resp: 421
Ion Ratio Lower Upper
96 100
61 184.4 144.6 216.8
98 69.9 50.4 75.6

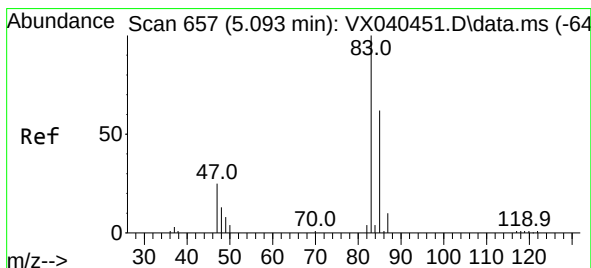
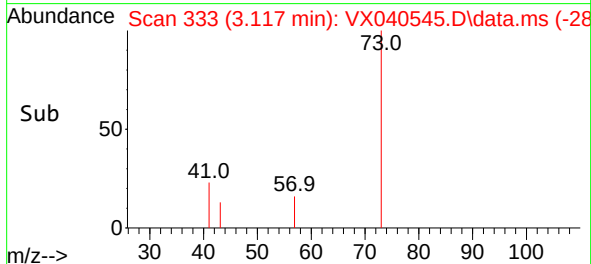
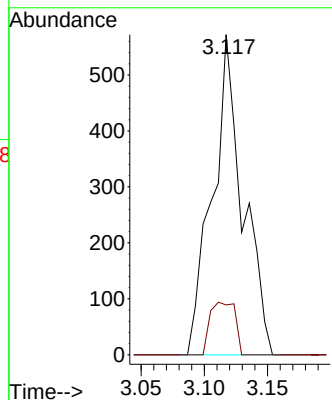
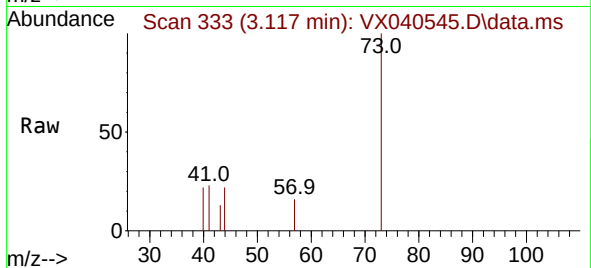




#19
Methyl tert-butyl Ether
Concen: 0.303 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

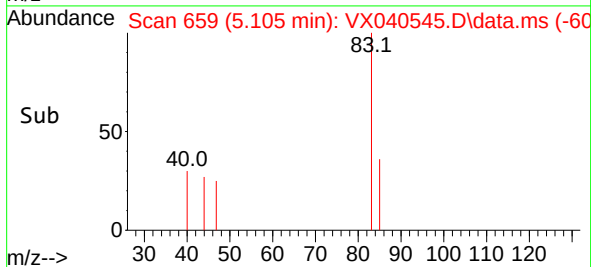
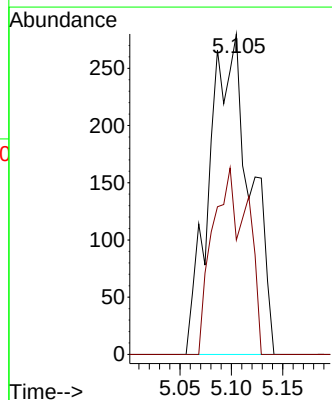
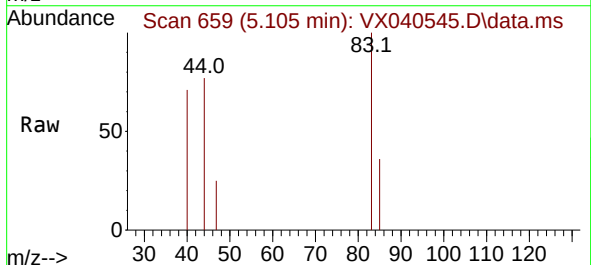
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

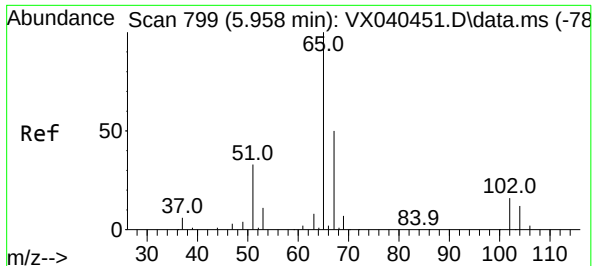
Tgt Ion: 73 Resp: 957
Ion Ratio Lower Upper
73 100
57 15.6 17.3 25.9#



#30
Chloroform
Concen: 0.385 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion: 83 Resp: 776
Ion Ratio Lower Upper
83 100
85 35.7 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 48.702 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040545.D

Acq: 29 Feb 2024 18:16

Instrument :

MSVOA_X

ClientSampleId :

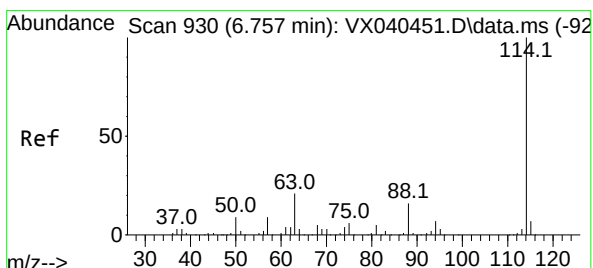
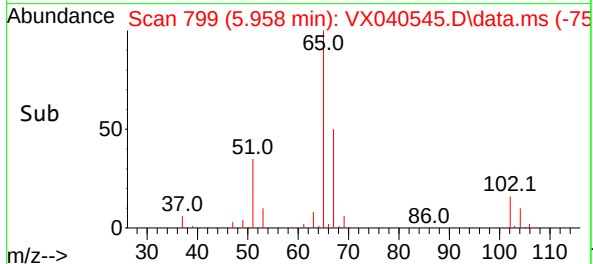
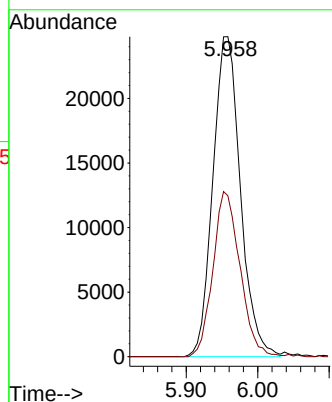
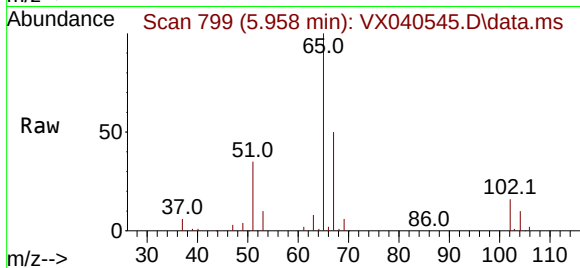
TT205S1-20240226

Tgt Ion: 65 Resp: 66266

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040545.D

Acq: 29 Feb 2024 18:16

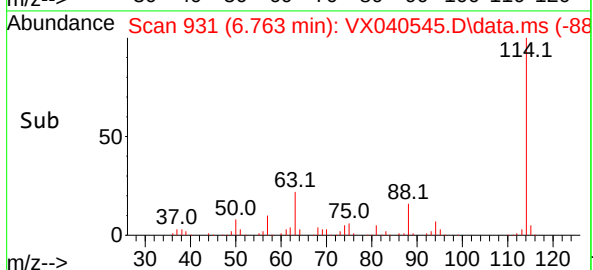
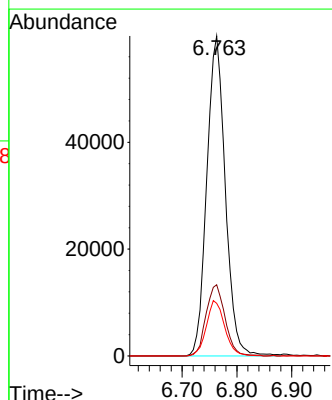
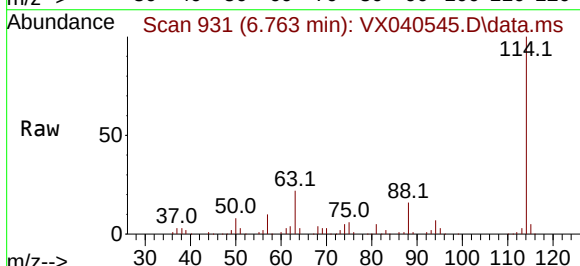
Tgt Ion: 114 Resp: 140188

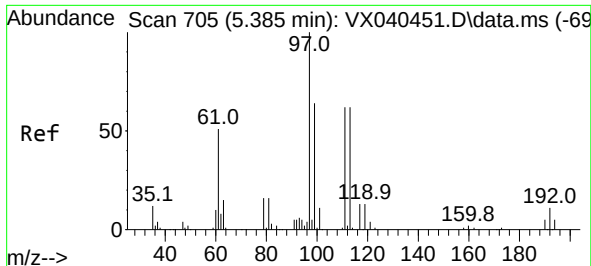
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

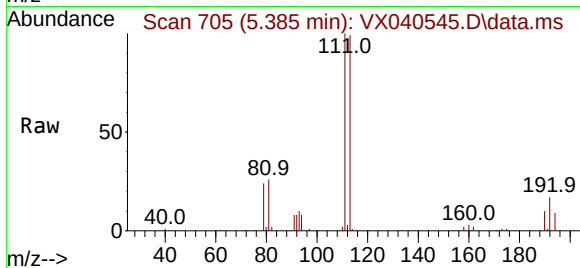
88 16.5 0.0 36.6



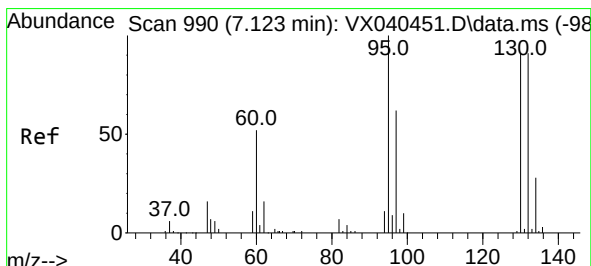
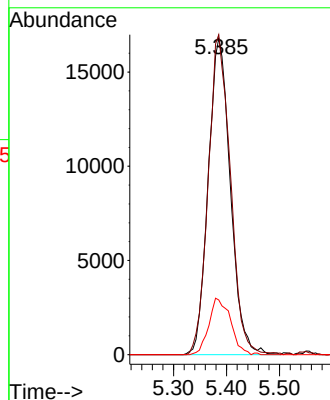
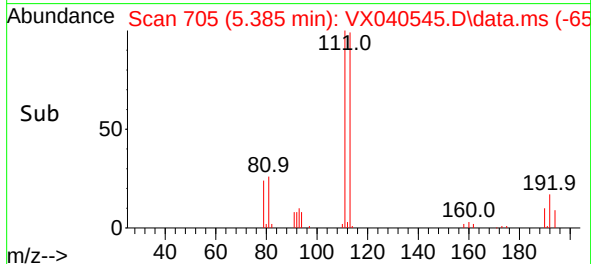


#35
Dibromofluoromethane
Concen: 49.907 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

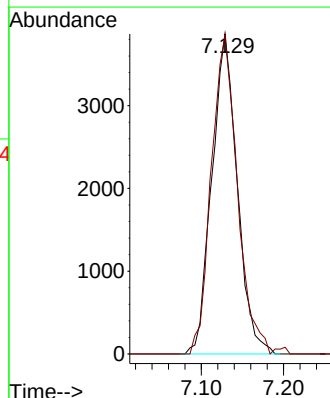
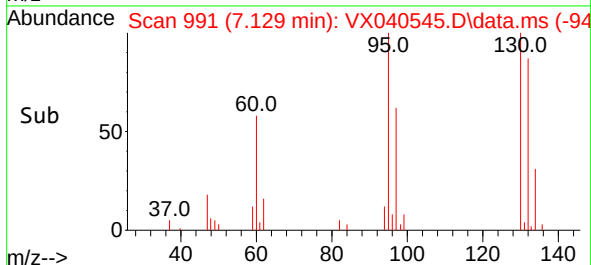
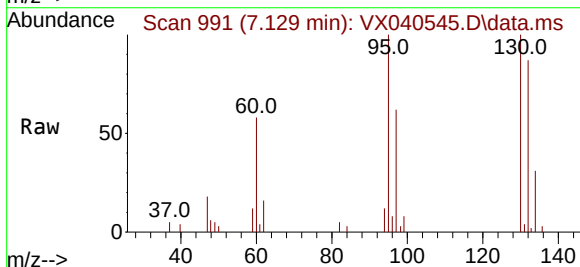


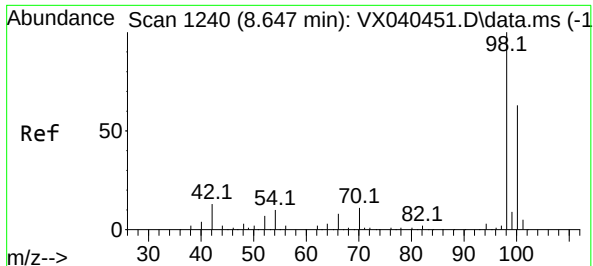
Tgt Ion:113 Resp: 48652
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 17.6 13.3 19.9



#44
Trichloroethene
Concen: 7.587 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion:130 Resp: 8297
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.4

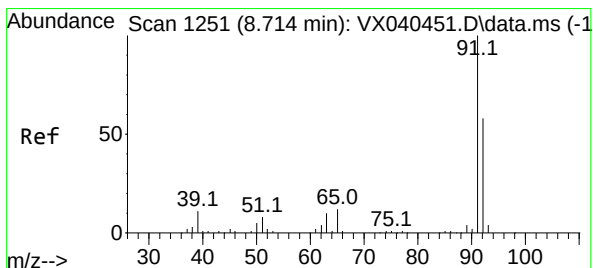
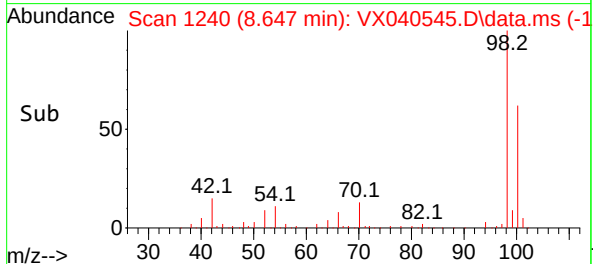
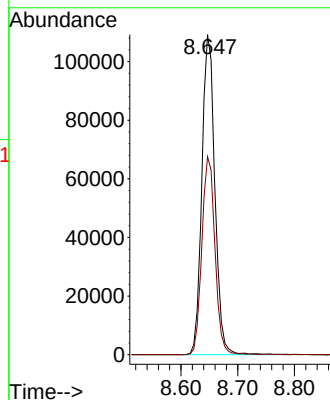
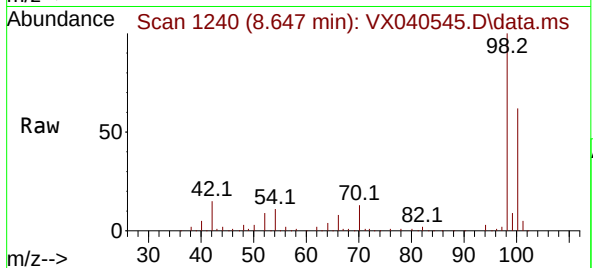




#50
Toluene-d8
Concen: 49.035 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

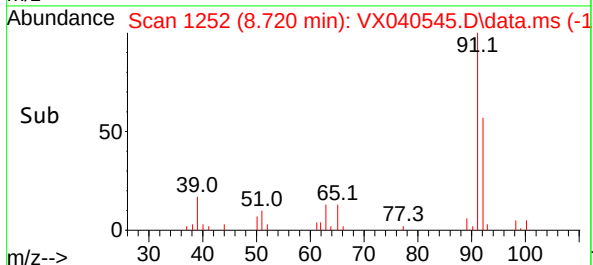
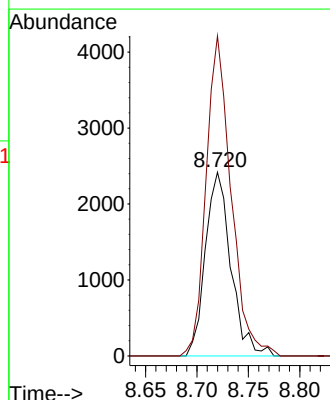
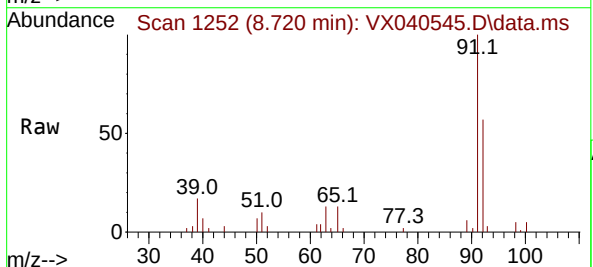
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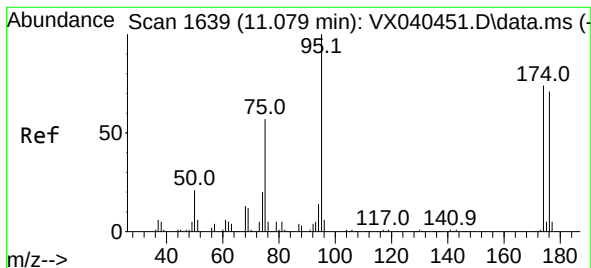
Tgt Ion: 98 Resp: 173514
Ion Ratio Lower Upper
98 100
100 62.4 53.1 79.7



#52
Toluene
Concen: 1.673 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion: 92 Resp: 4174
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2

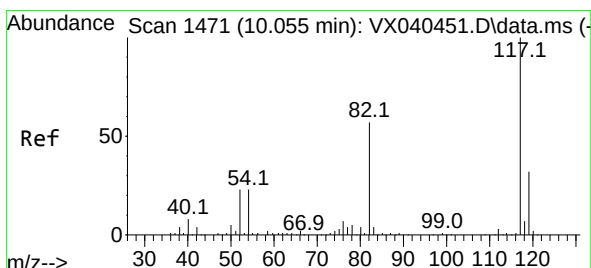
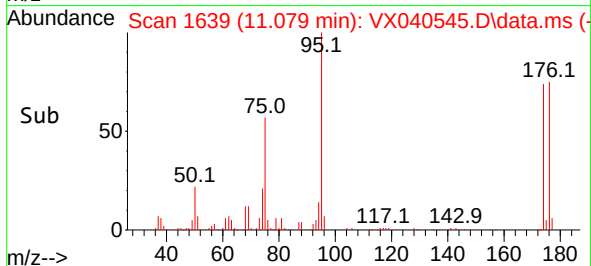
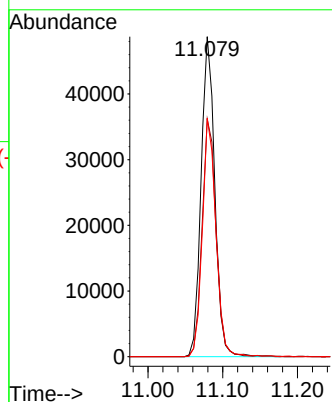
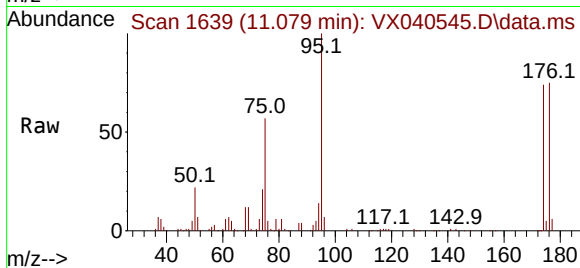




#62
4-Bromofluorobenzene
Concen: 45.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

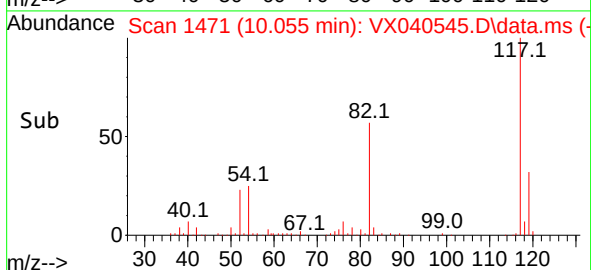
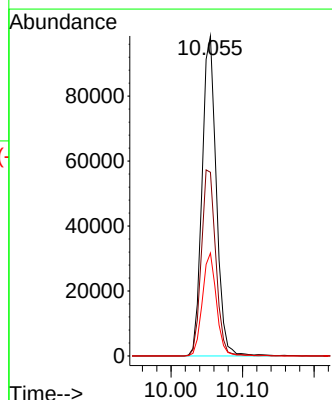
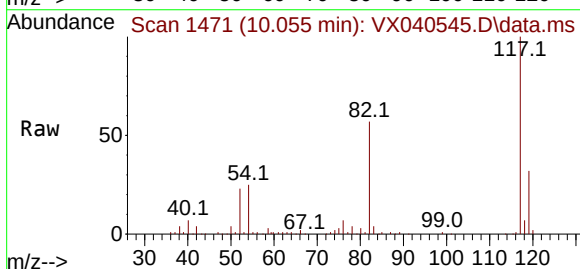
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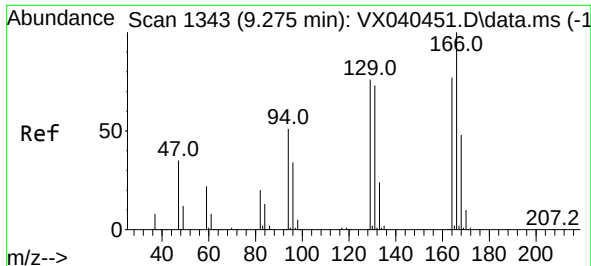
Tgt Ion: 95 Resp: 62038
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 74.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

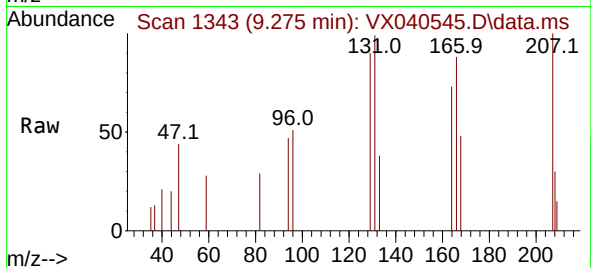
Tgt Ion: 117 Resp: 136279
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.2 25.5 38.3



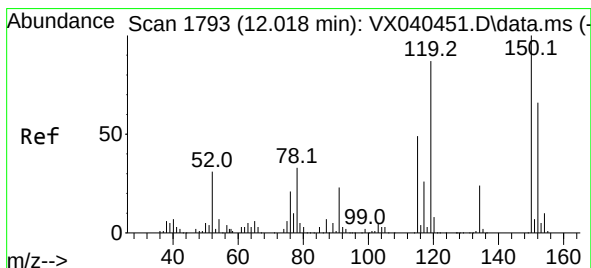
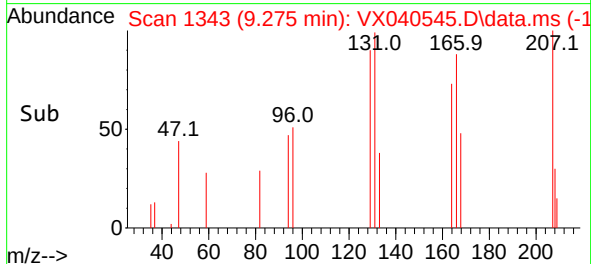
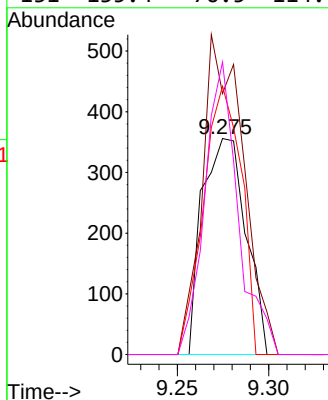


#64
Tetrachloroethene
Concen: 0.620 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 593
Ion Ratio Lower Upper
164 100
166 120.8 102.7 154.1
129 124.2 80.4 120.6#
131 135.4 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion:152 Resp: 64888
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 155.3 0.0 345.0

