

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040524.D
 Acq On : 28 Feb 2024 20:15
 Operator : JC/MD
 Sample : P1615-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20240227

Quant Time: Feb 29 03:55:38 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)

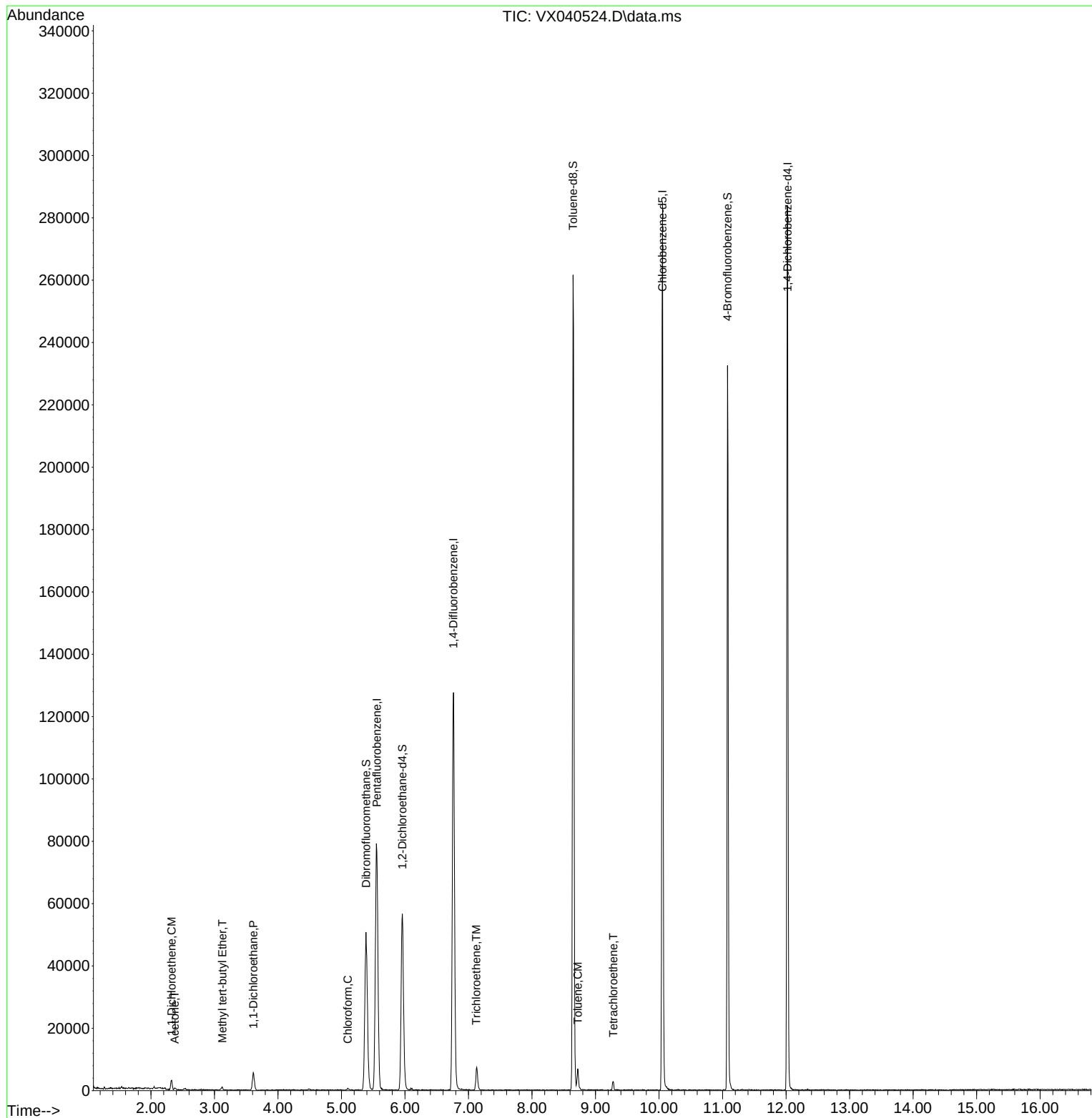
Internal Standards						
1) Pentafluorobenzene	5.555	168	69984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58009	49.558	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.120%
35) Dibromofluoromethane	5.385	113	41449	49.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.840%
50) Toluene-d8	8.646	98	149558	49.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.079	95	58493	50.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.324	96	957	1.200	ug/l #	84
16) Acetone	2.373	43	822	2.153	ug/l #	81
19) Methyl tert-butyl Ether	3.123	73	869	0.320	ug/l #	87
24) 1,1-Dichloroethane	3.611	63	5930	3.628	ug/l #	91
30) Chloroform	5.098	83	565	0.326	ug/l	84
44) Trichloroethene	7.122	130	2506	2.663	ug/l	94
52) Toluene	8.720	92	2437	1.135	ug/l	92
64) Tetrachloroethene	9.280	164	578	0.699	ug/l #	81

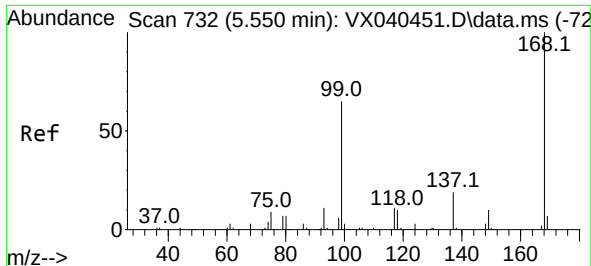
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TT174I1-20240227

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Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.555 min Scan# 71

Delta R.T. 0.005 min

Lab File: VX040524.D

Acq: 28 Feb 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

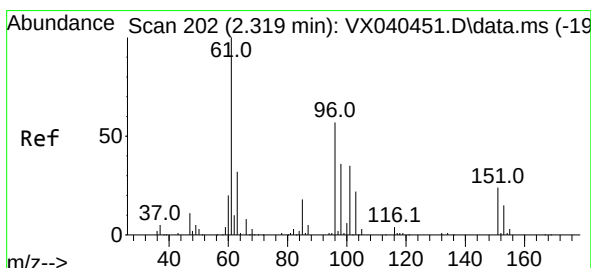
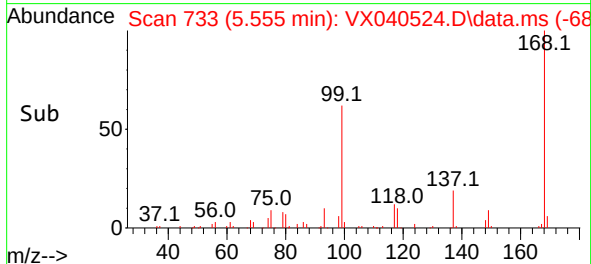
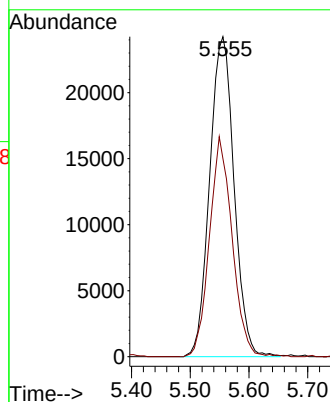
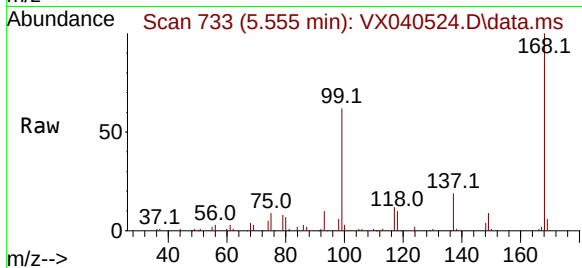
TT17411-20240227

Tgt Ion:168 Resp: 69984

Ion Ratio Lower Upper

168 100

99 61.9 56.6 85.0



#12

1,1-Dichloroethene

Concen: 1.200 ug/l

RT: 2.324 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX040524.D

Acq: 28 Feb 2024 20:15

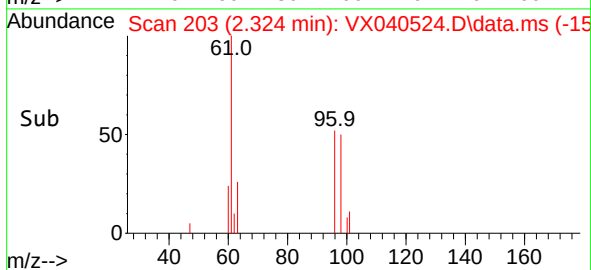
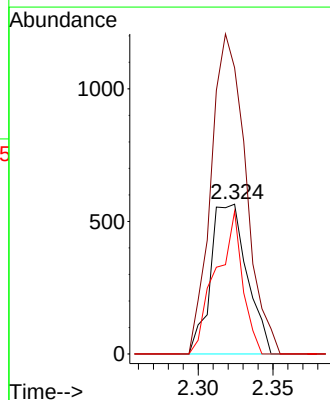
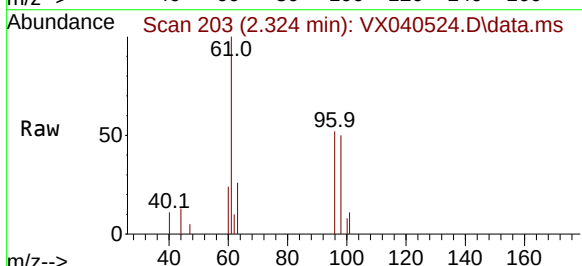
Tgt Ion: 96 Resp: 957

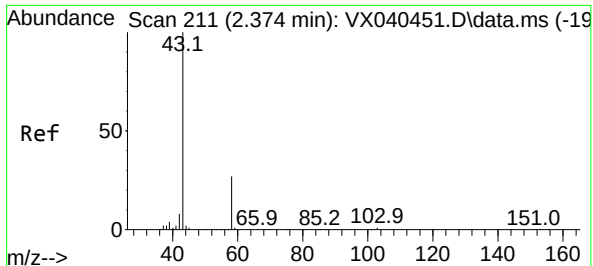
Ion Ratio Lower Upper

96 100

61 191.2 144.6 216.8

98 95.2 50.4 75.6#

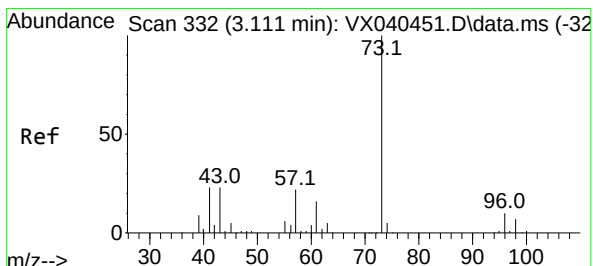
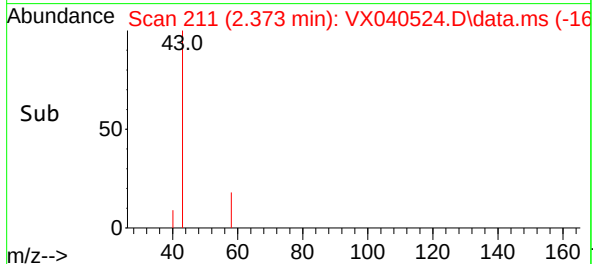
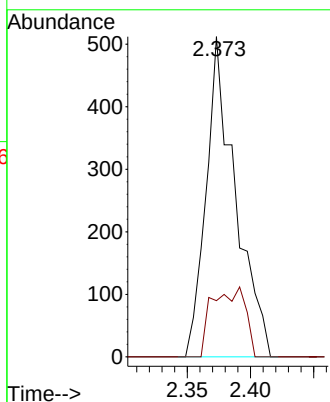
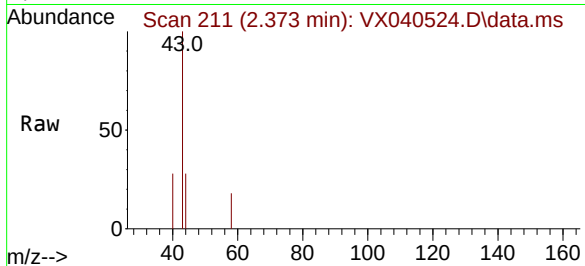




#16
Acetone
Concen: 2.153 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

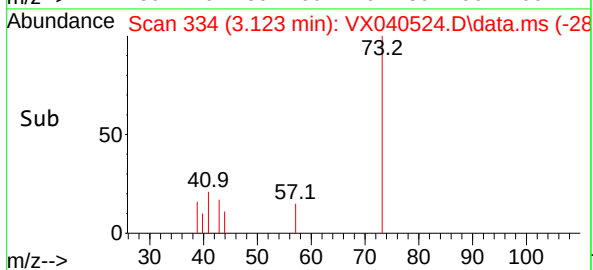
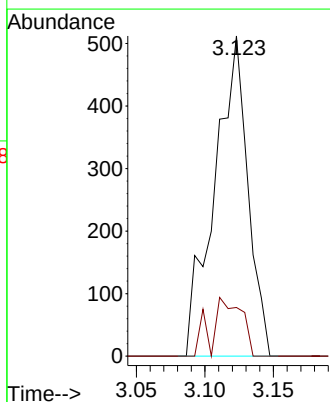
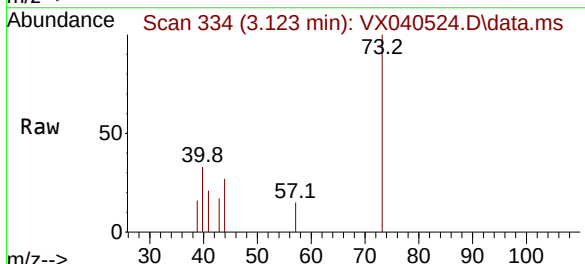
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20240227

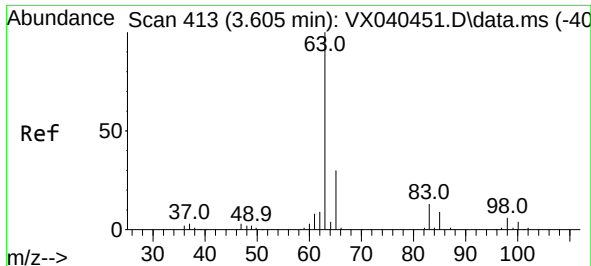
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 17.6 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 0.320 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.012 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

Tgt Ion: 73 Resp: 869
Ion Ratio Lower Upper
73 100
57 15.2 17.3 25.9#

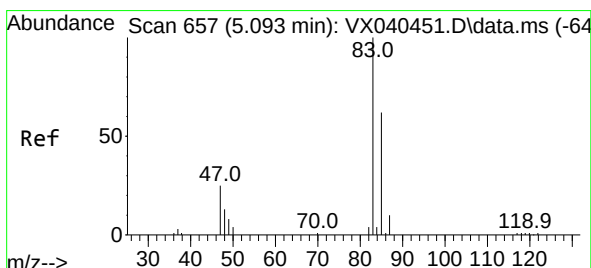
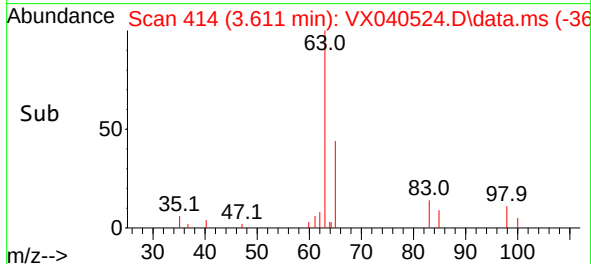
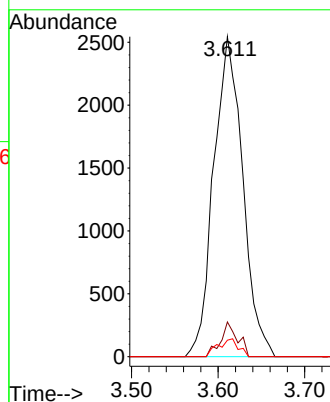
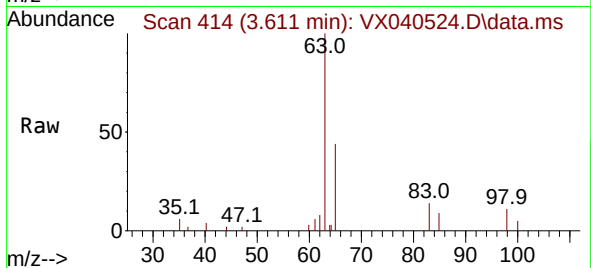




#24
1,1-Dichloroethane
Concen: 3.628 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

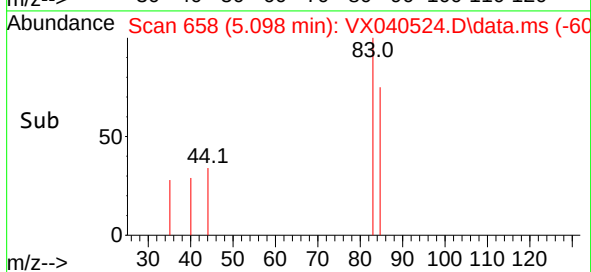
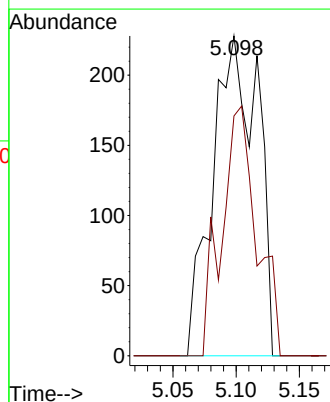
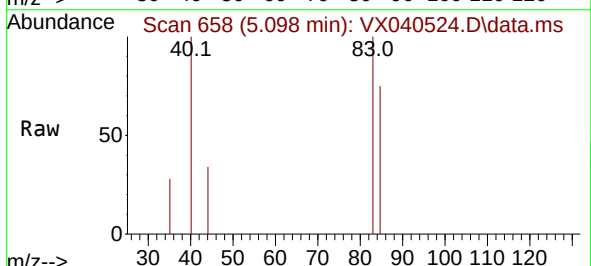
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20240227

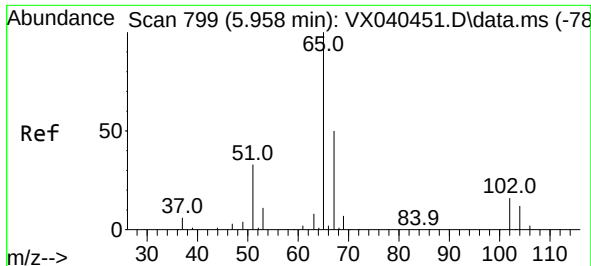
Tgt Ion: 63 Resp: 5930
Ion Ratio Lower Upper
63 100
98 10.9 3.3 9.8#
100 5.1 2.1 6.5



#30
Chloroform
Concen: 0.326 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

Tgt Ion: 83 Resp: 565
Ion Ratio Lower Upper
83 100
85 75.0 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 49.558 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.001 min

Lab File: VX040524.D

Acq: 28 Feb 2024 20:15

Instrument :

MSVOA_X

ClientSampleId :

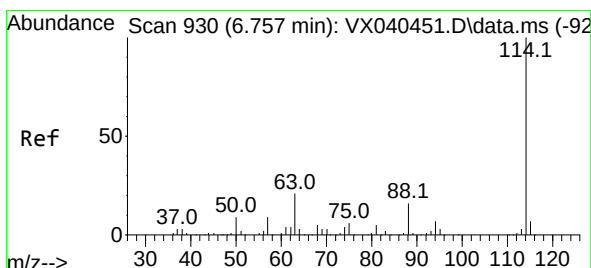
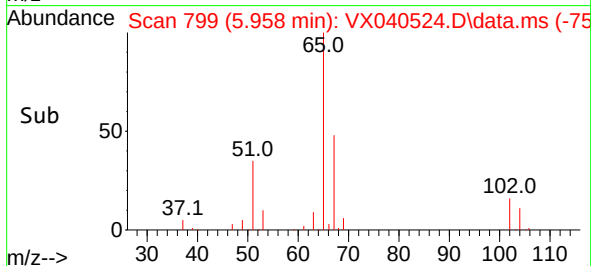
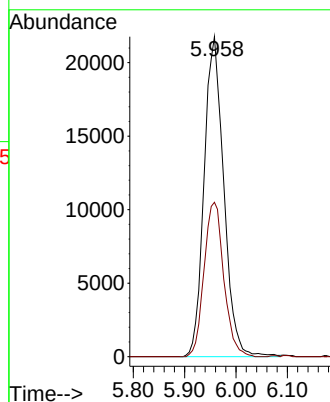
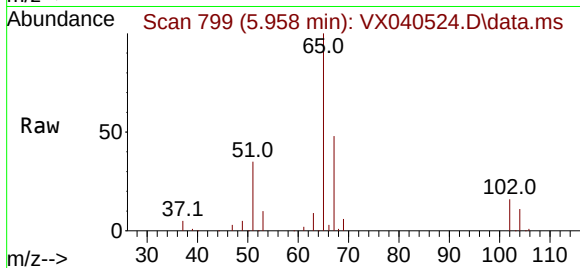
TT17411-20240227

Tgt Ion: 65 Resp: 58009

Ion Ratio Lower Upper

65 100

67 48.3 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: VX040524.D

Acq: 28 Feb 2024 20:15

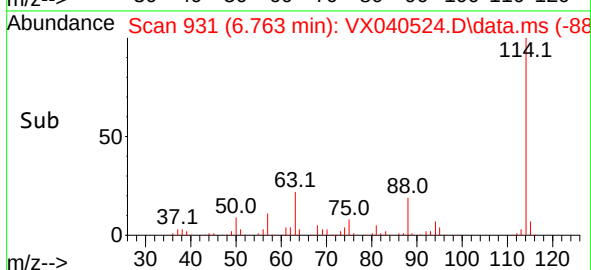
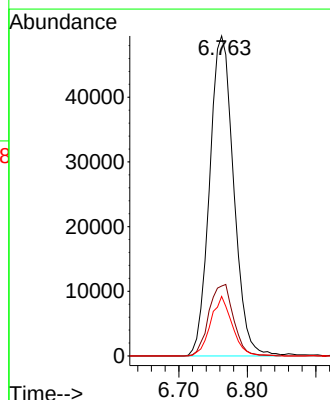
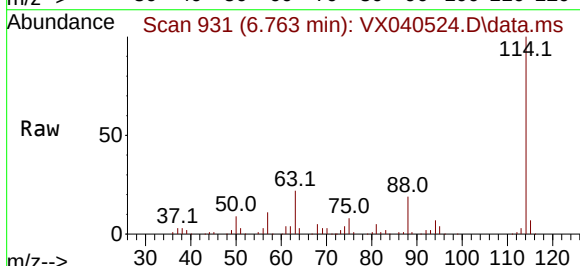
Tgt Ion: 114 Resp: 120618

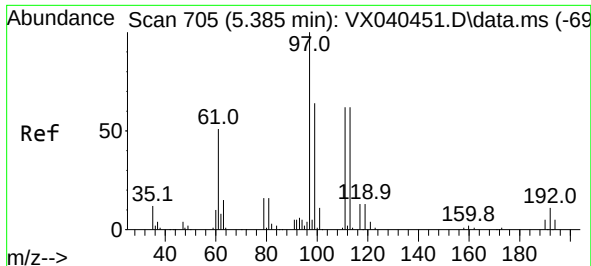
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 18.6 0.0 36.6

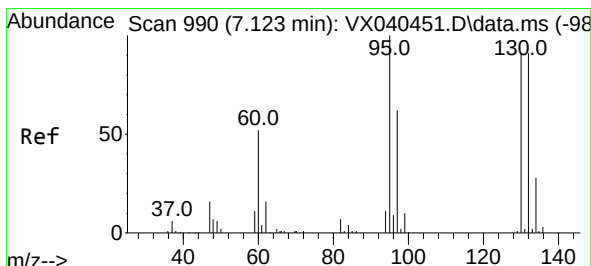
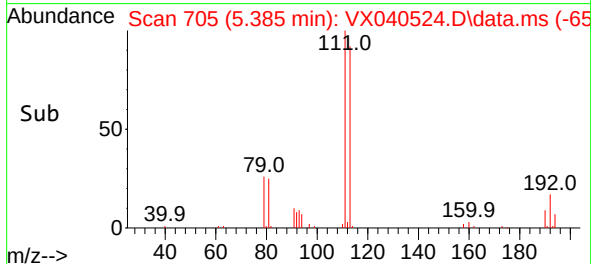
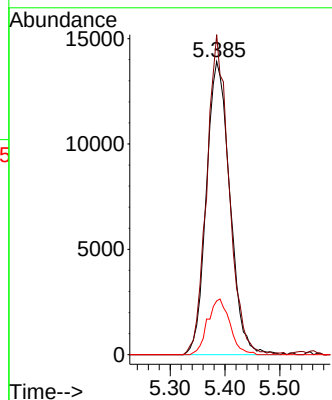
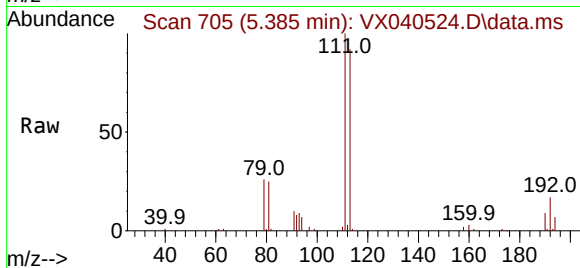




#35
Dibromofluoromethane
Concen: 49.416 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.001 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

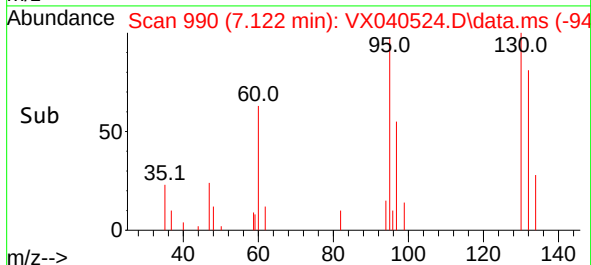
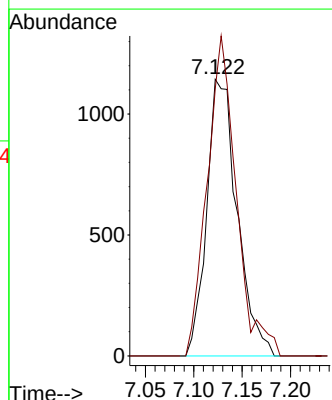
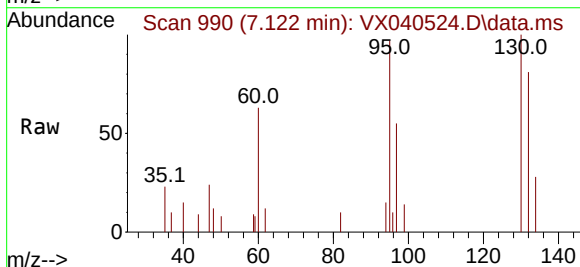
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20240227

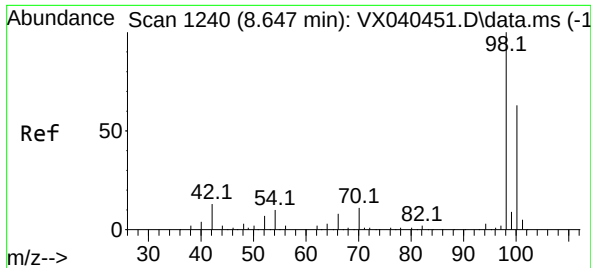
Tgt Ion:113 Resp: 41449
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.0 13.3 19.9



#44
Trichloroethene
Concen: 2.663 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

Tgt Ion:130 Resp: 2506
Ion Ratio Lower Upper
130 100
95 96.6 0.0 204.4

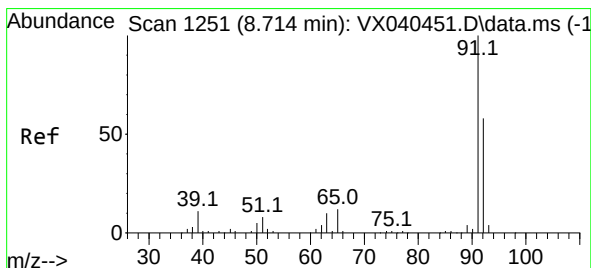
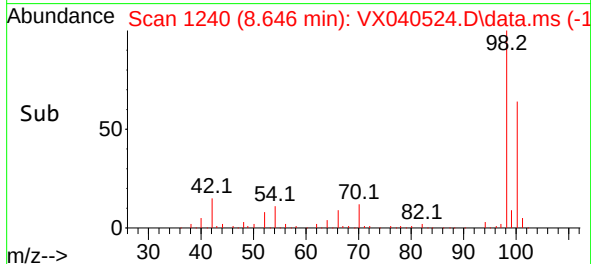
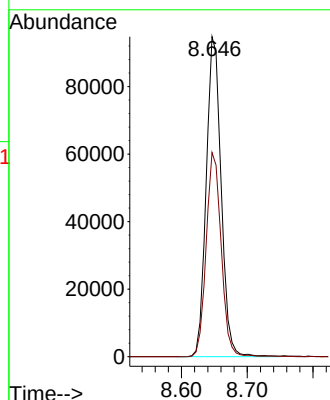
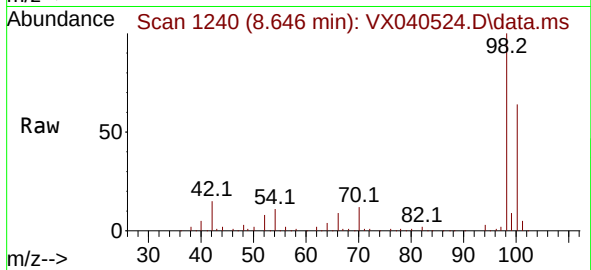




#50
Toluene-d8
Concen: 49.122 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

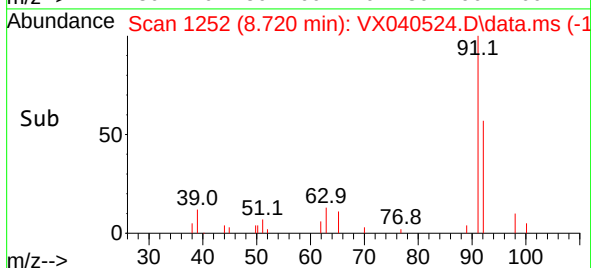
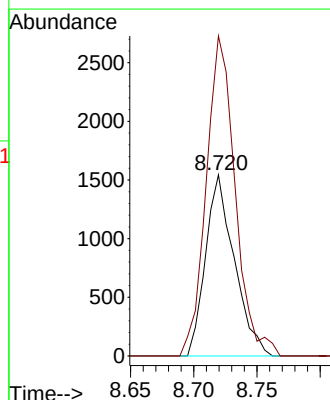
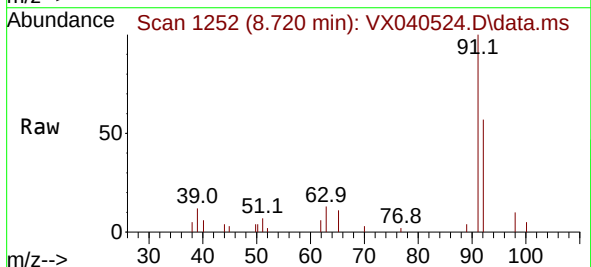
Instrument :
MSVOA_X
ClientSampleId :
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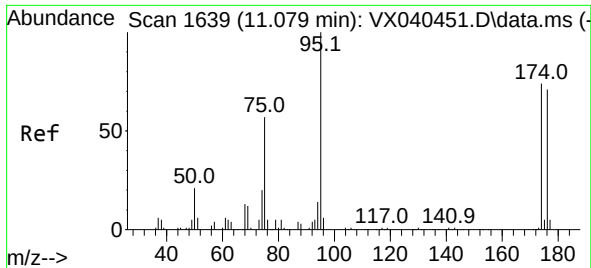
Tgt Ion: 98 Resp: 149558
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#52
Toluene
Concen: 1.135 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

Tgt Ion: 92 Resp: 2437
Ion Ratio Lower Upper
92 100
91 178.6 134.2 201.2

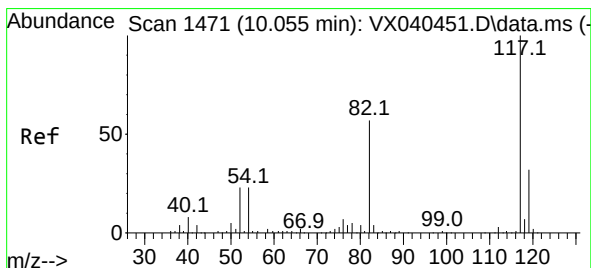
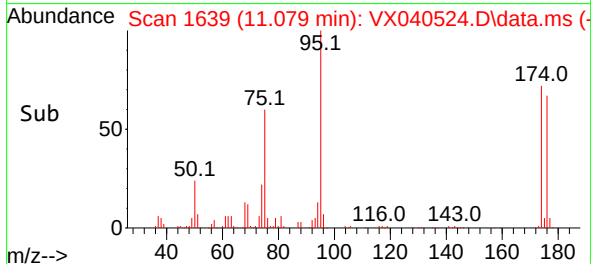
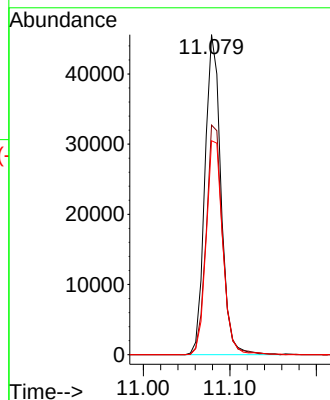
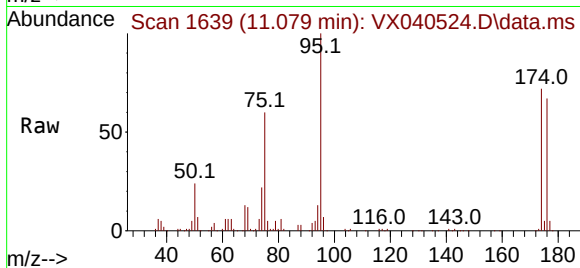




#62
4-Bromofluorobenzene
Concen: 50.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

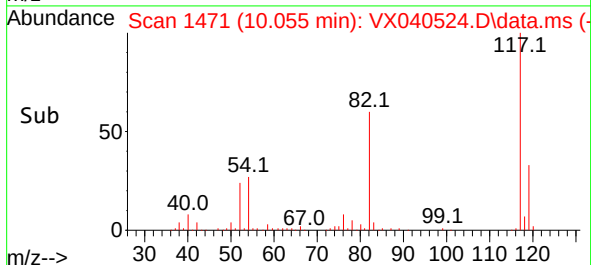
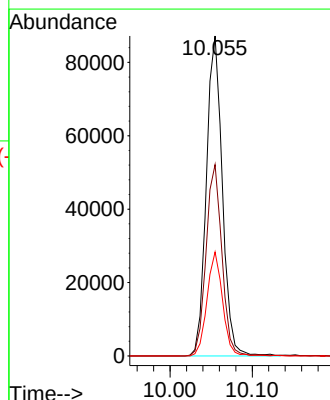
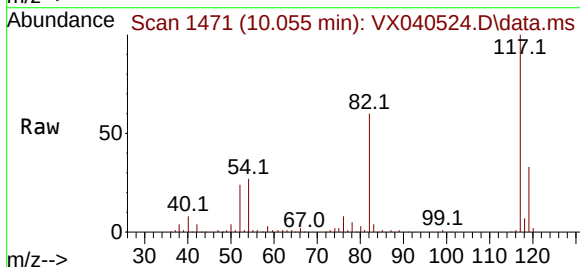
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20240227

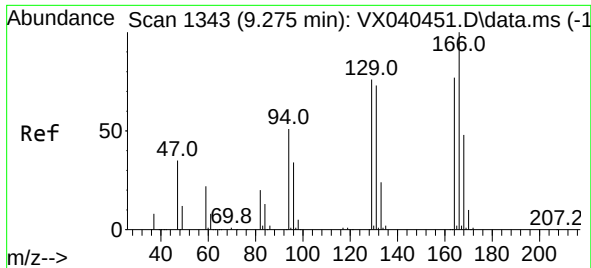
Tgt Ion: 95 Resp: 58493
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 69.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

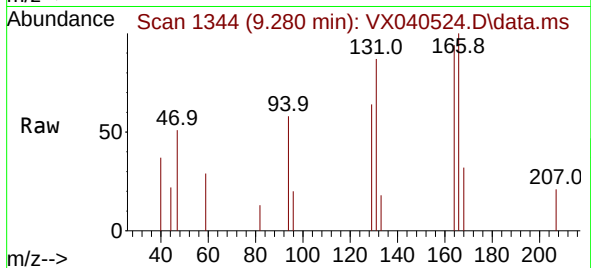
Tgt Ion: 117 Resp: 117781
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 32.5 25.5 38.3





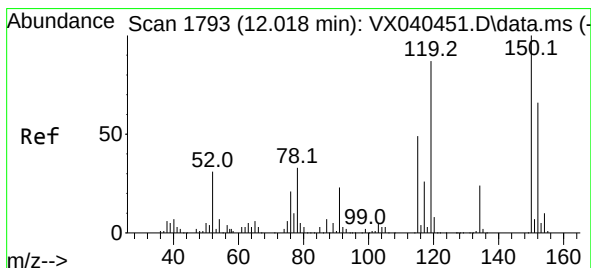
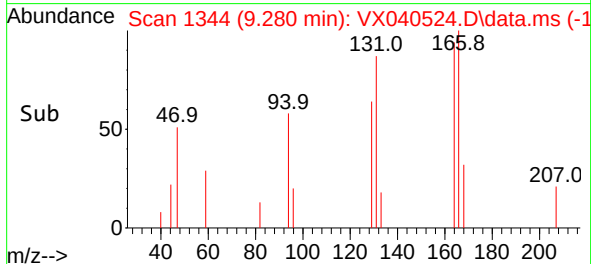
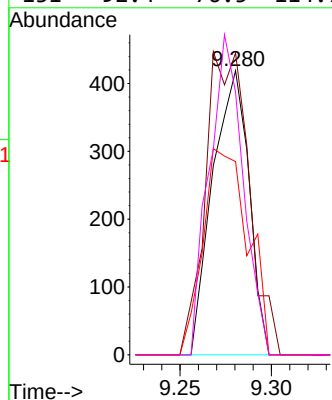
#64
Tetrachloroethene
Concen: 0.699 ug/l
RT: 9.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040524.D
Acq: 28 Feb 2024 20:15

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20240227



Tgt Ion:164 Resp: 578

Ion	Ratio	Lower	Upper
164	100		
166	106.2	102.7	154.1
129	68.0	80.4	120.6#
131	92.4	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: VX040524.D
Acq: 28 Feb 2024 20:15

Tgt Ion:152 Resp: 56280

Ion	Ratio	Lower	Upper
152	100		
115	64.8	43.3	129.9
150	159.8	0.0	345.0

