

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
 Data File : VX040785.D
 Acq On : 25 Mar 2024 09:56
 Operator : JC/MD
 Sample : VX0325WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBL01

Quant Time: Mar 26 04:44:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

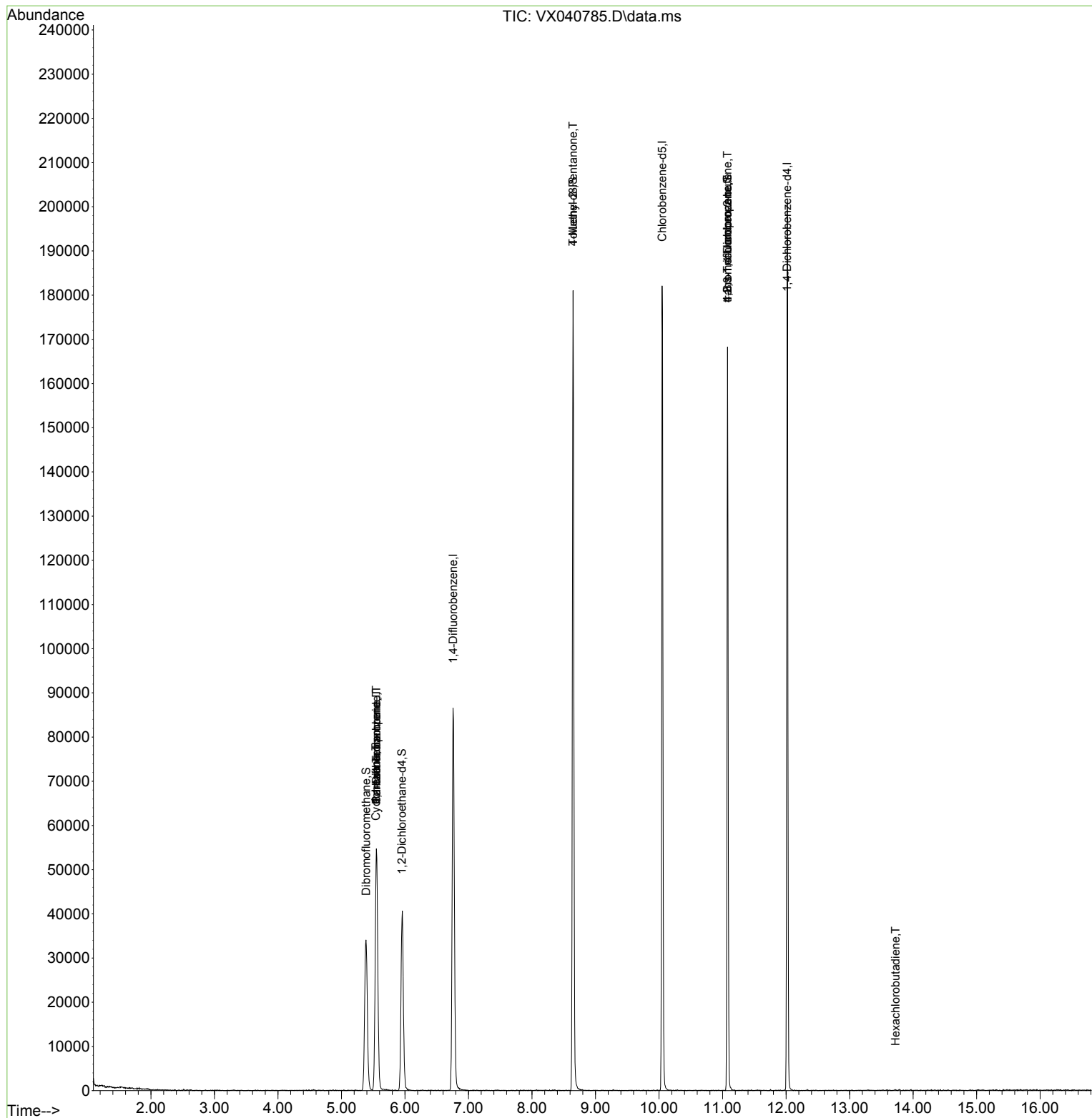
Internal Standards						
1) Pentafluorobenzene	5.550	168	48319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	85196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	77735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39854	49.053	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.100%
35) Dibromofluoromethane	5.385	113	29406	46.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	104085	47.684	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.360%
62) 4-Bromofluorobenzene	11.079	95	40766	47.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.540%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.544	56	1284	1.330	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	4600	4.901	ug/l #	47
38) Carbon Tetrachloride	5.550	117	5442	5.151	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	534	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	24122	29.091	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	24122	73.594	ug/l #	5
94) Hexachlorobutadiene	13.725	225	78	0.210	ug/l #	38

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

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Quant Time: Mar 26 04:44:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

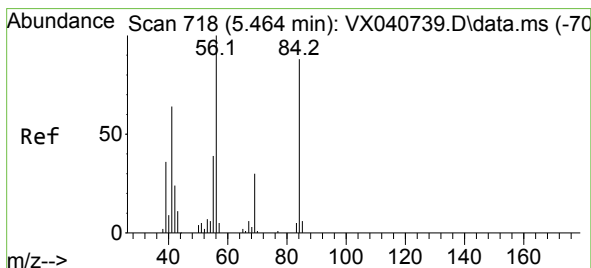
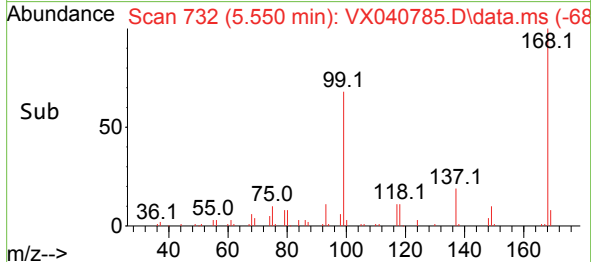
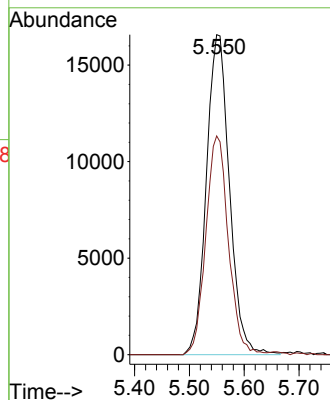
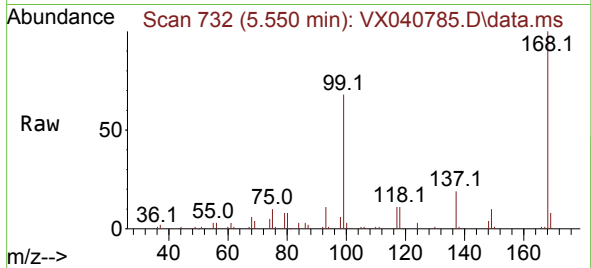




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

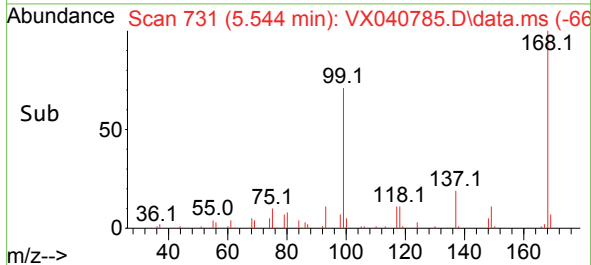
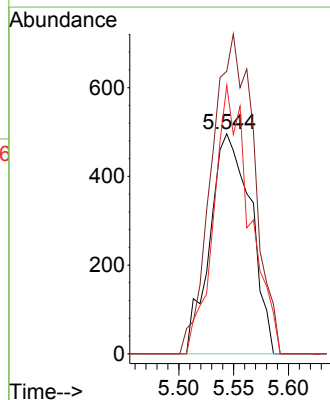
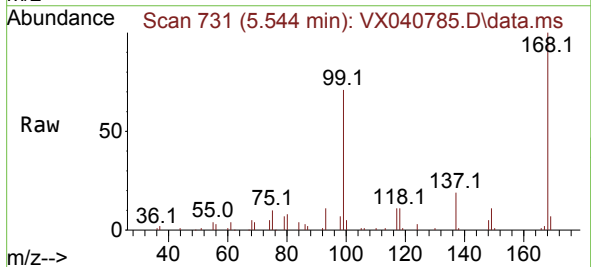
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

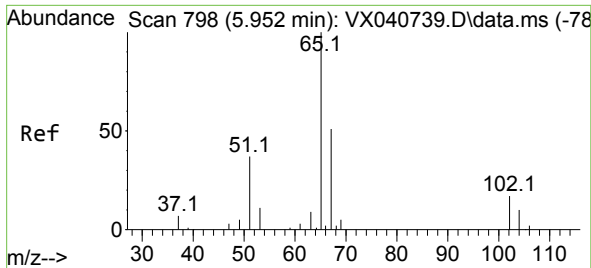
Tgt Ion:168 Resp: 48319
Ion Ratio Lower Upper
168 100
99 68.4 56.6 85.0



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

Tgt Ion: 56 Resp: 1284
Ion Ratio Lower Upper
56 100
69 128.4 23.4 35.2#
84 122.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.053 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040785.D

Acq: 25 Mar 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

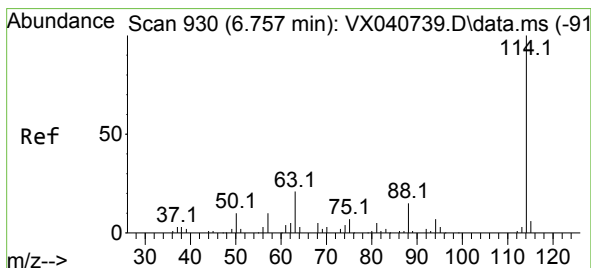
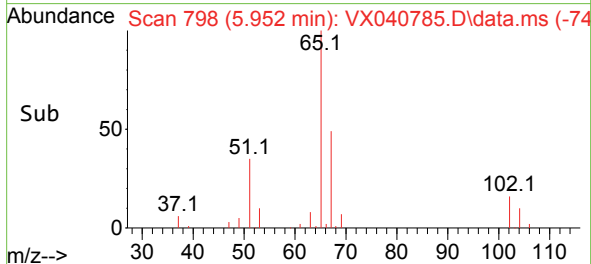
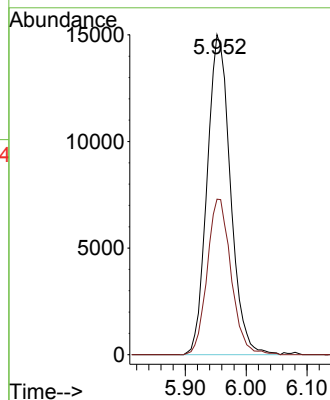
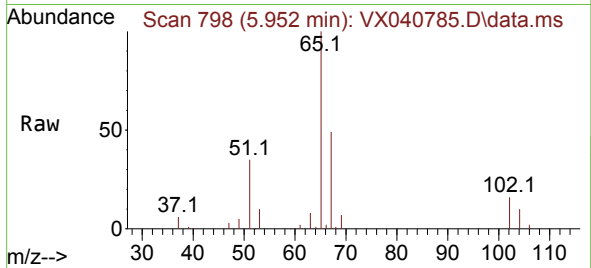
VX0325WBL01

Tgt Ion: 65 Resp: 39854

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040785.D

Acq: 25 Mar 2024 09:56

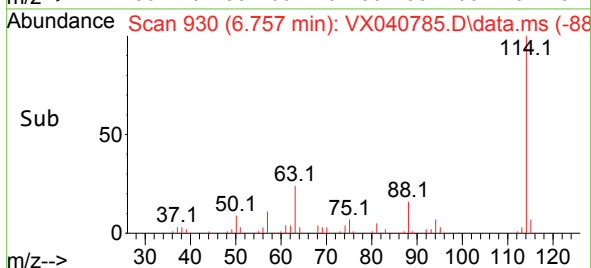
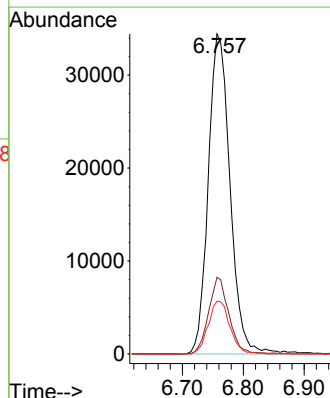
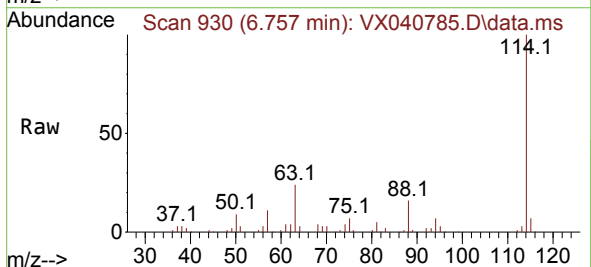
Tgt Ion: 114 Resp: 85196

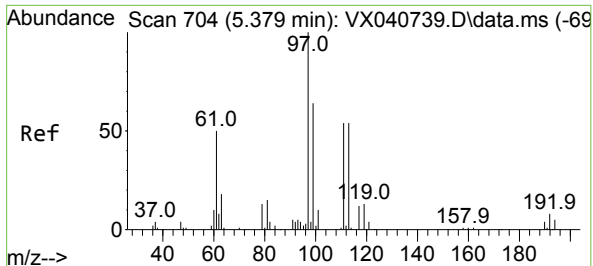
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 16.5 0.0 36.6

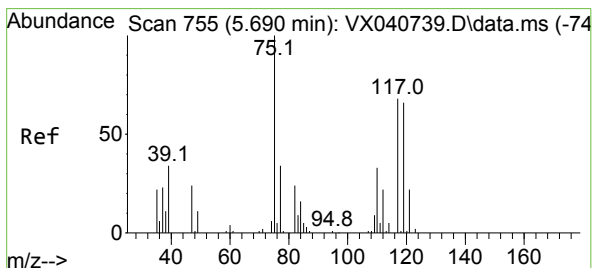
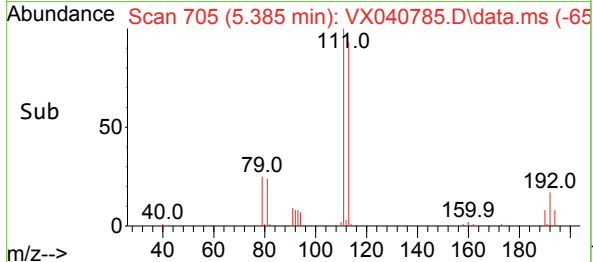
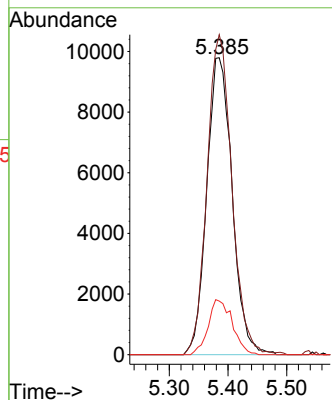
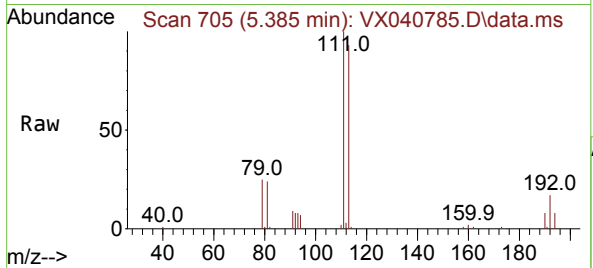




#35
Dibromofluoromethane
Concen: 46.128 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

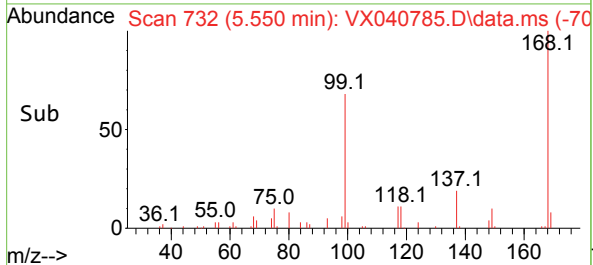
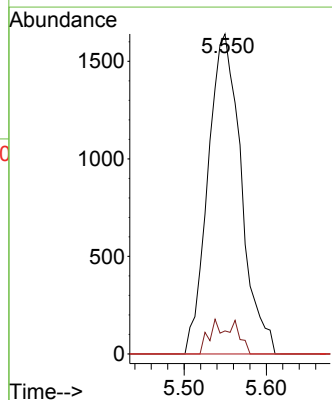
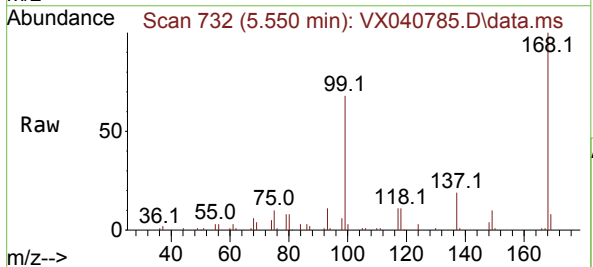
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

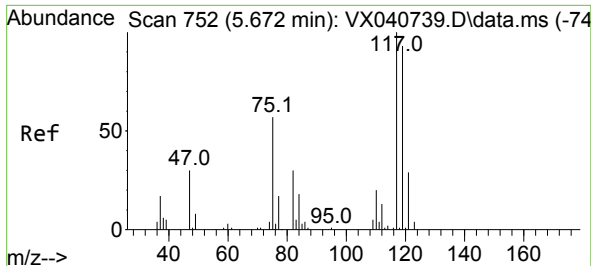
Tgt Ion:113 Resp: 29406
Ion Ratio Lower Upper
113 100
111 105.4 82.9 124.3
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

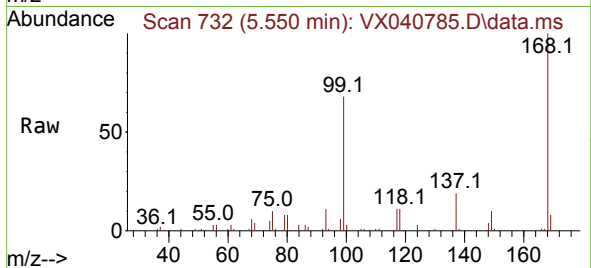
Tgt Ion: 75 Resp: 4600
Ion Ratio Lower Upper
75 100
110 5.5 17.0 50.9#
77 0.0 24.7 37.1#



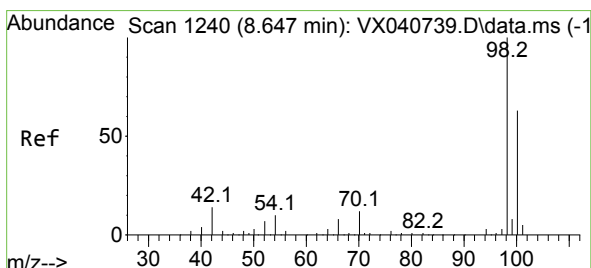
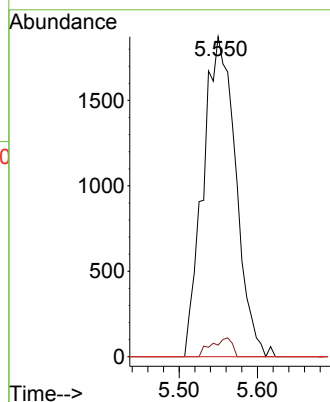
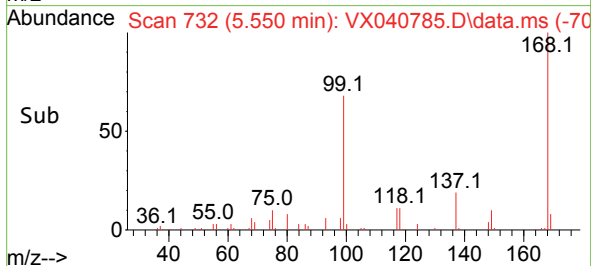


#38
Carbon Tetrachloride
Concen: 5.151 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

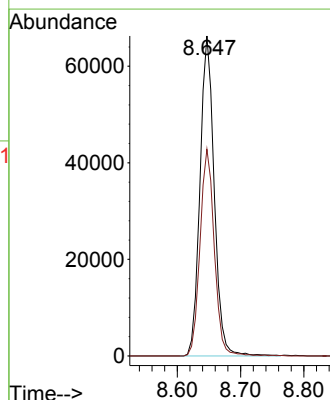
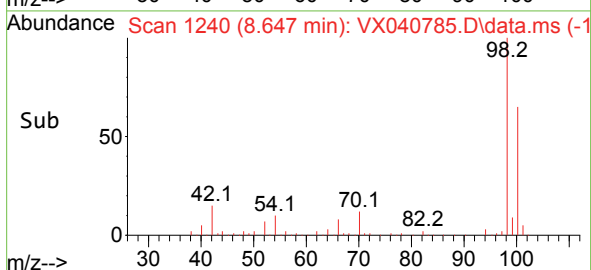
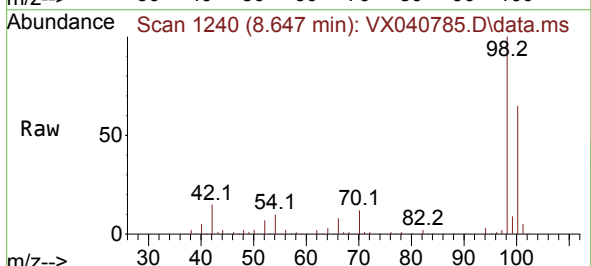


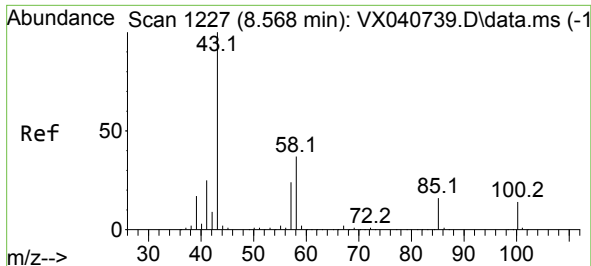
Tgt Ion:117 Resp: 5442
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.684 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

Tgt Ion: 98 Resp: 104085
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

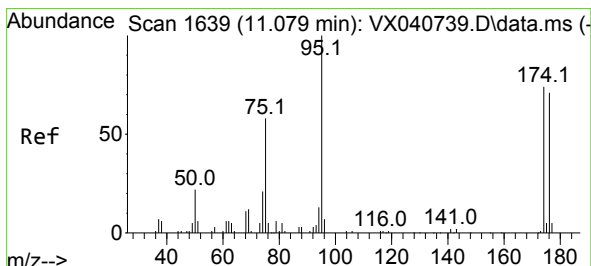
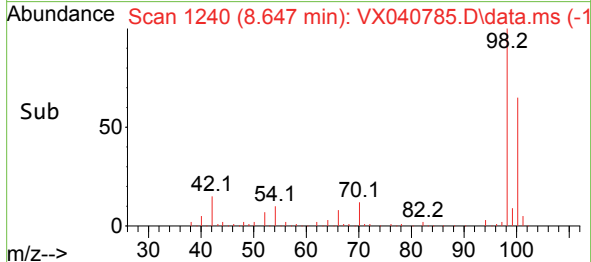
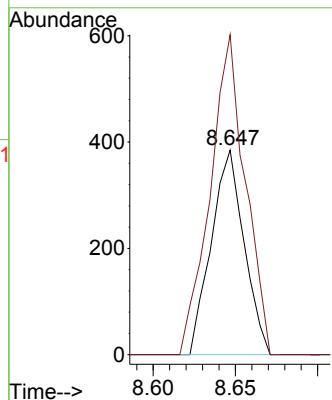
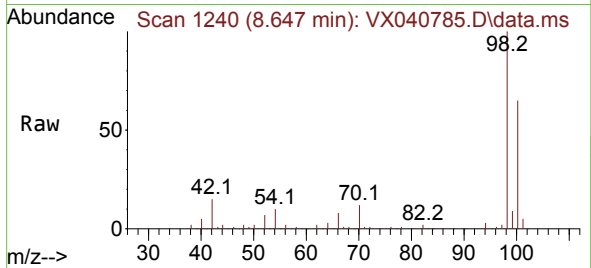




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

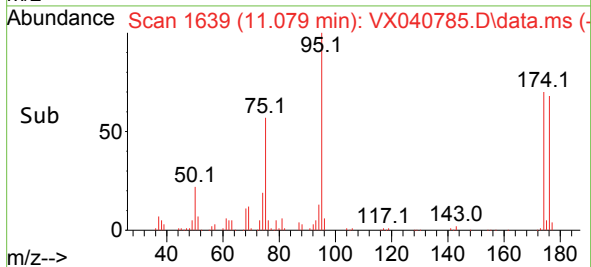
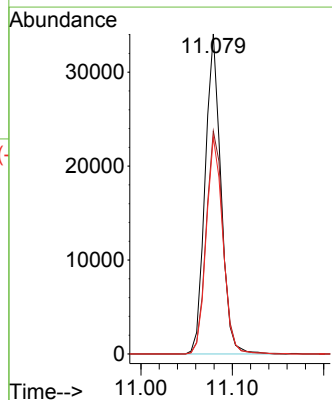
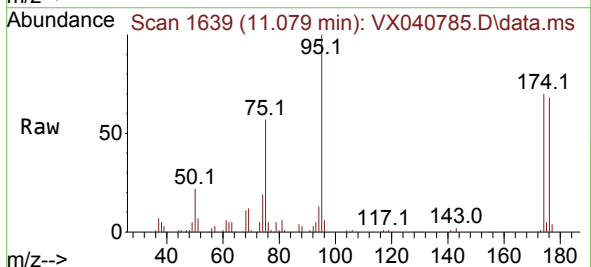
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

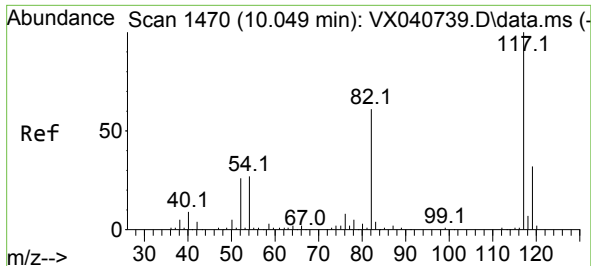
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 167.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

Tgt Ion: 95 Resp: 40766
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 71.2 0.0 131.0

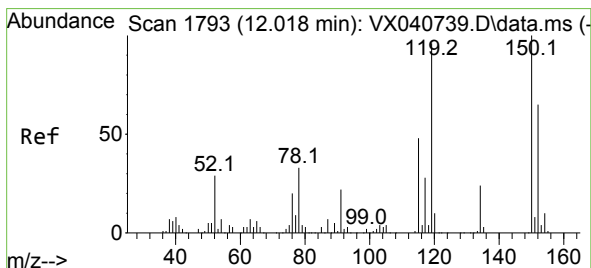
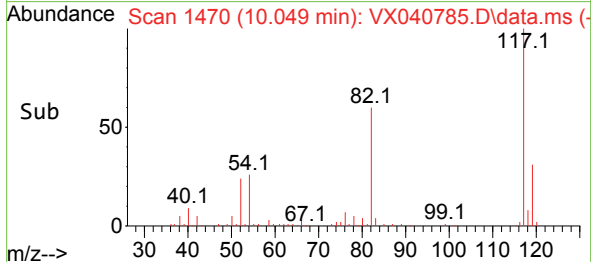
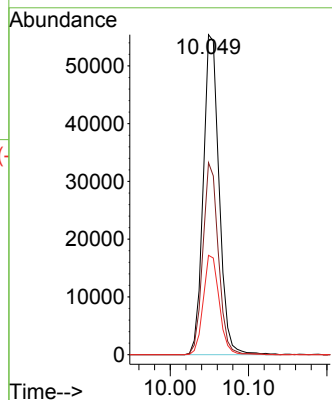
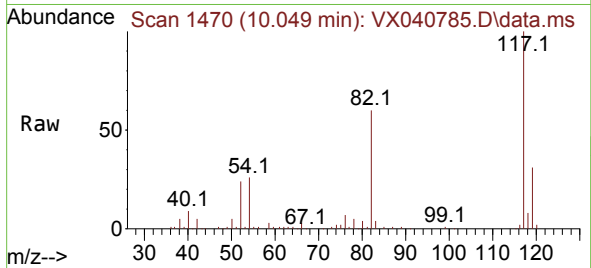




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

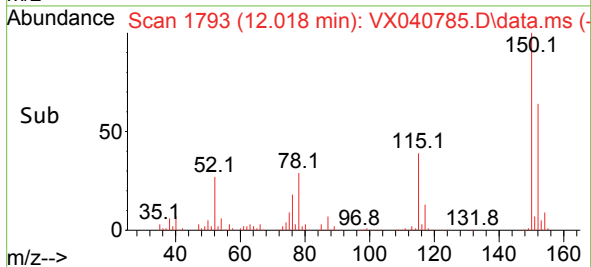
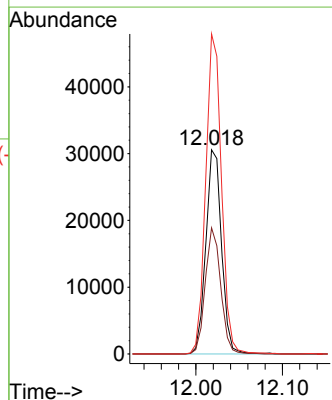
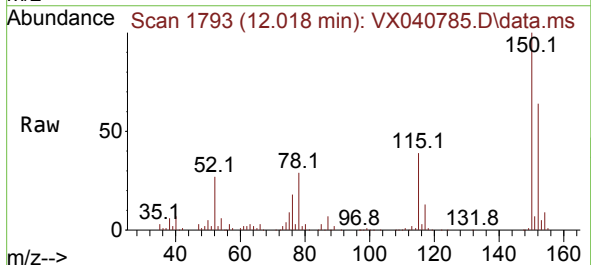
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ClientSampleId :
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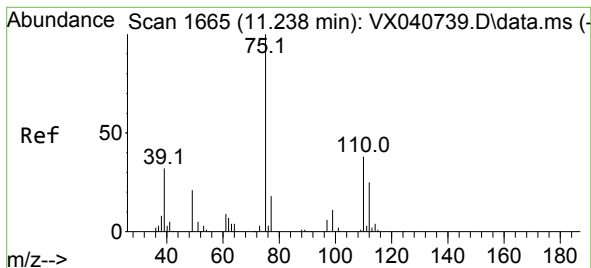
Tgt Ion:117 Resp: 77735
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

Tgt Ion:152 Resp: 38554
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 156.8 0.0 345.0

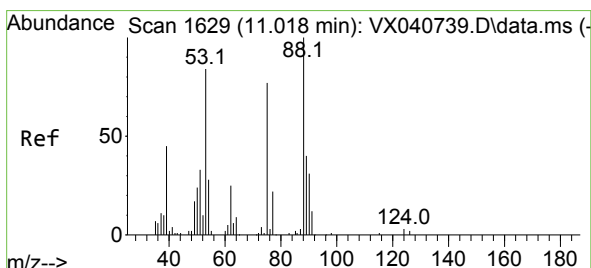
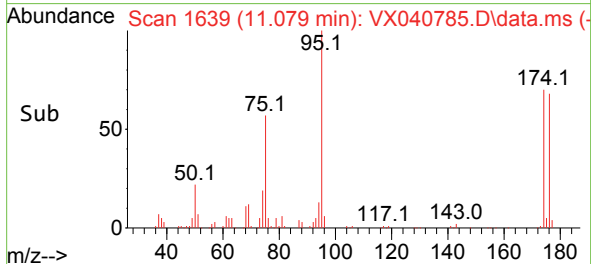
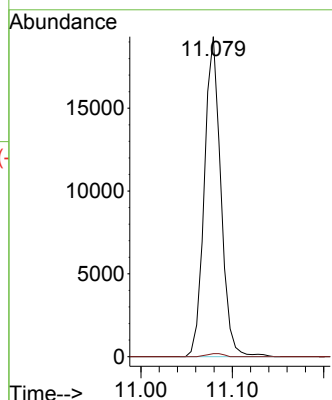
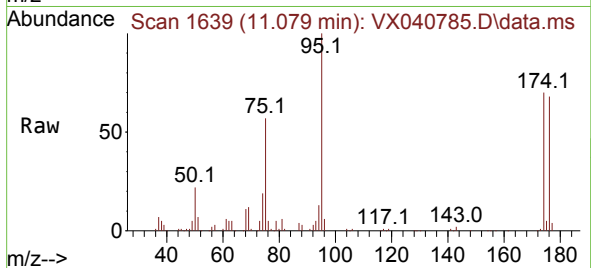




#76
1,2,3-Trichloropropane
Concen: 29.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

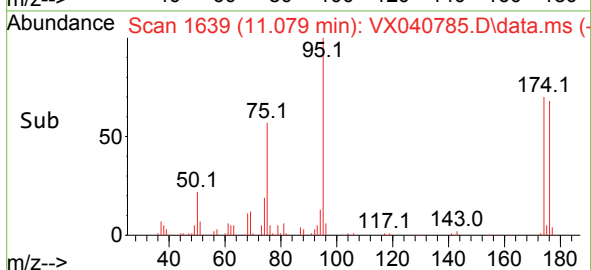
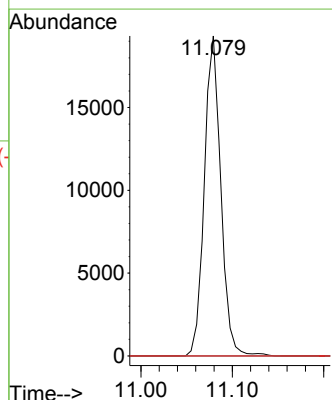
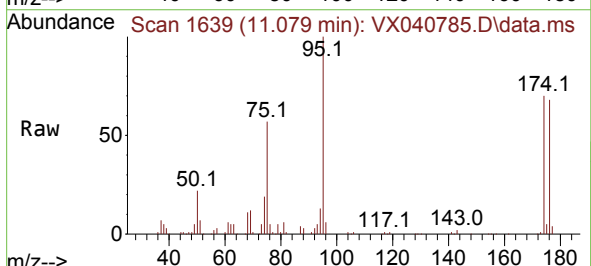
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

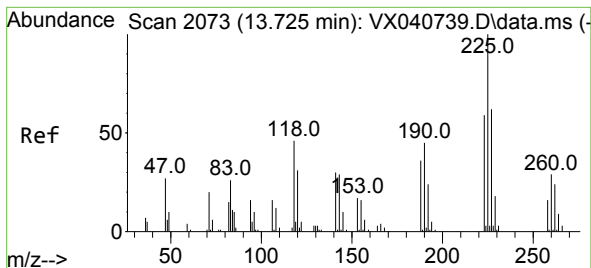
Tgt Ion: 75 Resp: 24122
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040785.D
Acq: 25 Mar 2024 09:56

Tgt Ion: 75 Resp: 24122
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.210 ug/l

RT: 13.725 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX040785.D

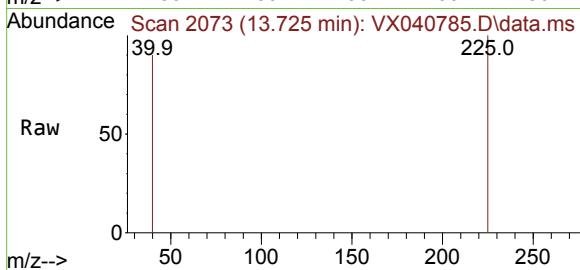
Acq: 25 Mar 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBL01



Tgt Ion:225 Resp: 78

Ion Ratio Lower Upper

225 100

223 0.0 31.1 93.2#

227 29.5 32.5 97.5#

