

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036316.D
 Acq On : 24 Jun 2023 17:01
 Operator : JC/MD
 Sample : 03411-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 26 03:27:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

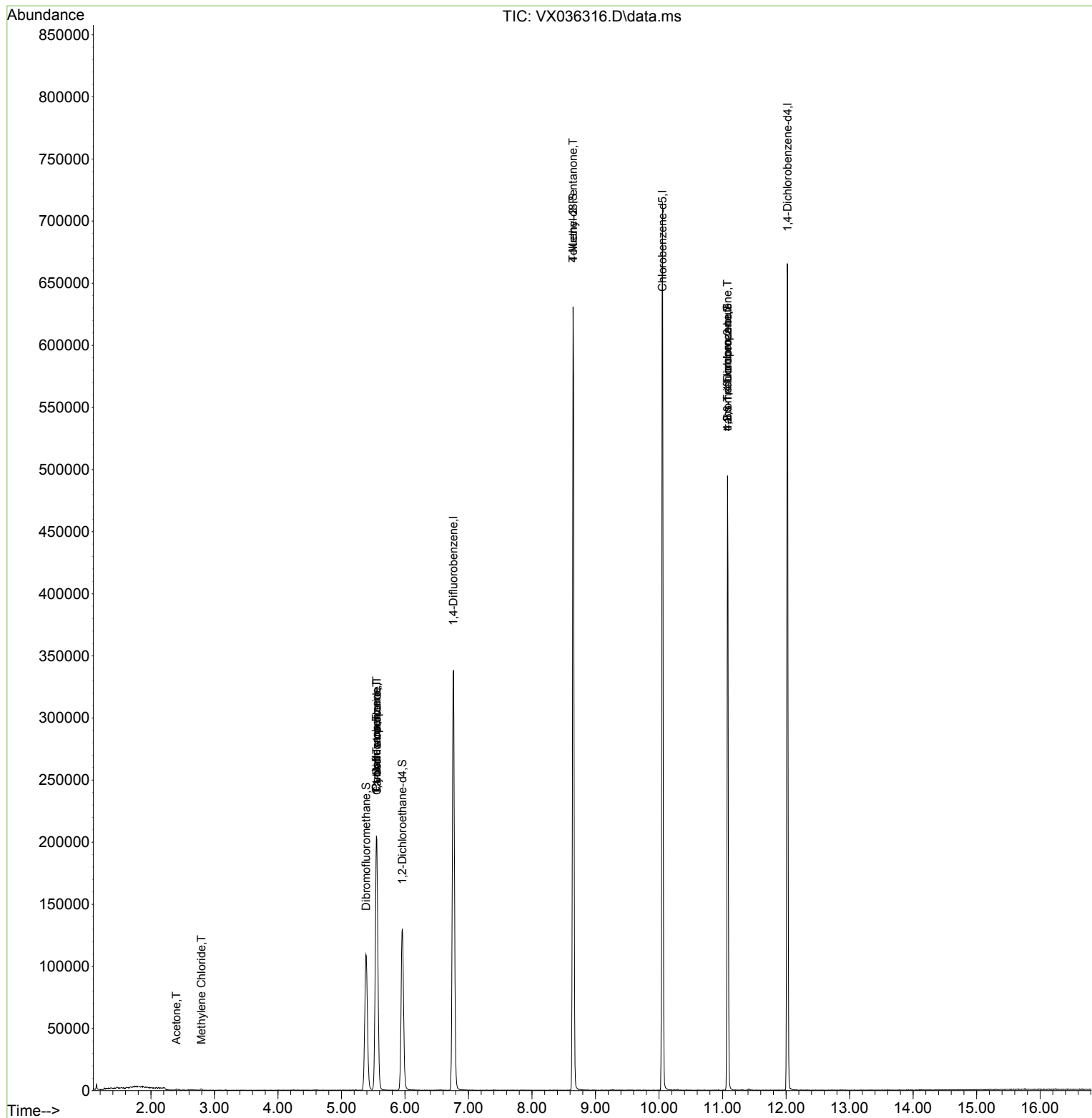
Internal Standards						
1) Pentafluorobenzene	5.550	168	191813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127519	46.379	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.385	113	97885	43.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.160%
50) Toluene-d8	8.647	98	371375	43.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.520%#
62) 4-Bromofluorobenzene	11.079	95	126782	42.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.840%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1460	1.242	ug/l #	81
20) Methylene Chloride	2.794	84	589	0.233	ug/l #	92
31) Cyclohexane	5.550	56	4444	1.261	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	15592	4.604	ug/l #	50
38) Carbon Tetrachloride	5.556	117	20316	6.568	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1730	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67800	22.724	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	67800	74.075	ug/l #	5

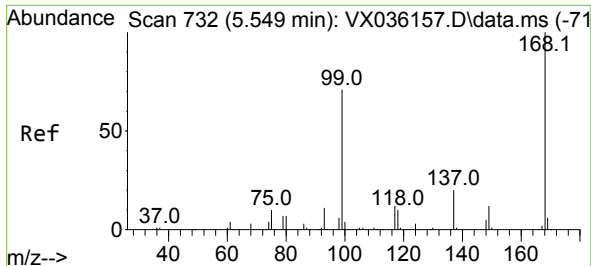
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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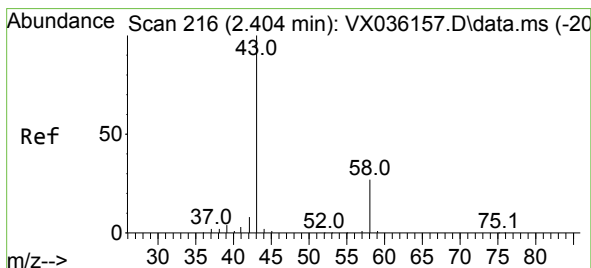
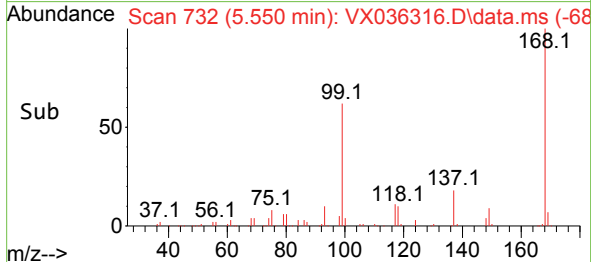
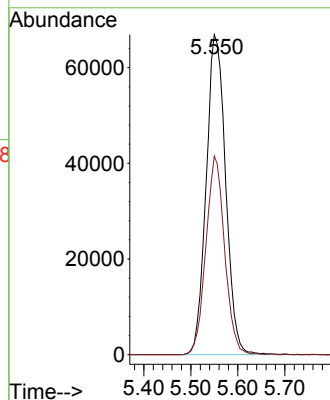
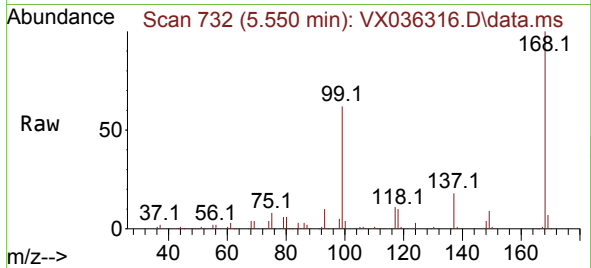




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

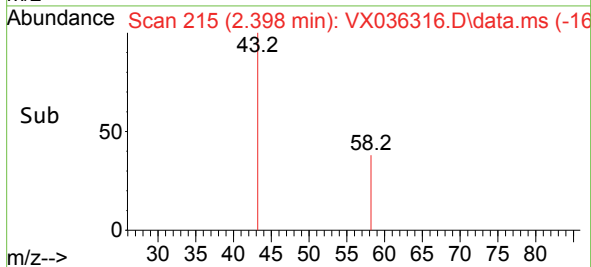
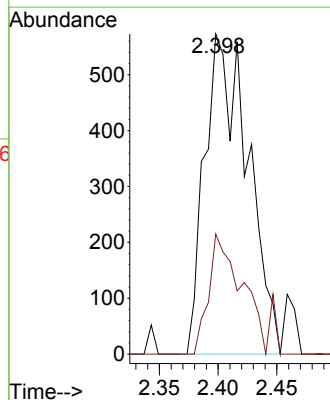
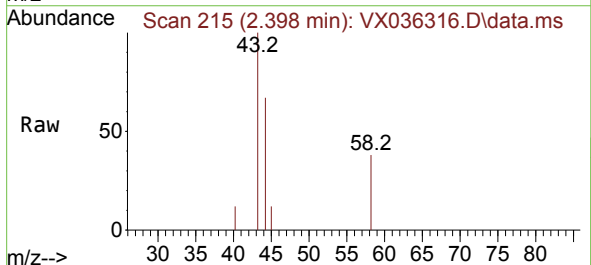
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

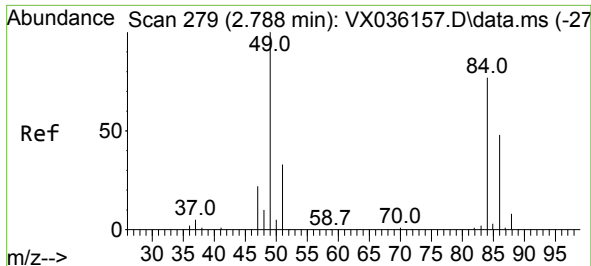
Tgt Ion:168 Resp: 191813
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#16
Acetone
Concen: 1.242 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

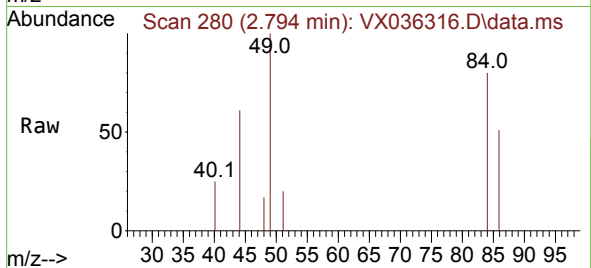
Tgt Ion: 43 Resp: 1460
Ion Ratio Lower Upper
43 100
58 37.5 21.9 32.9#



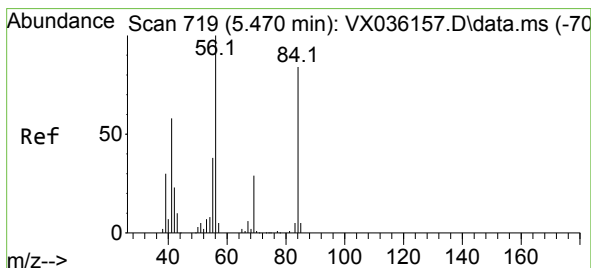
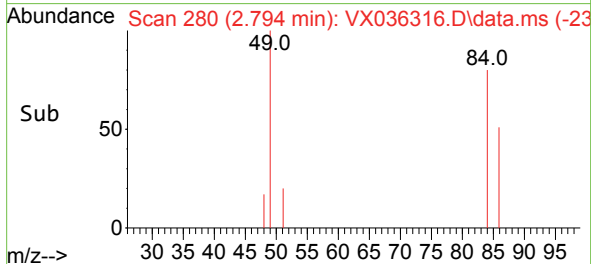
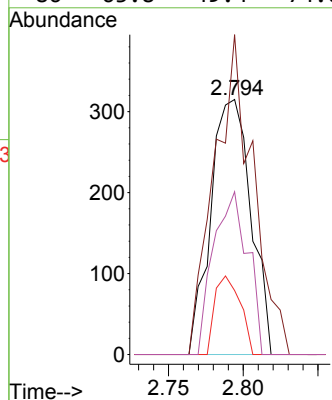


#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

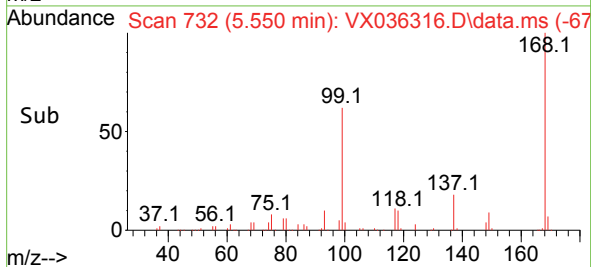
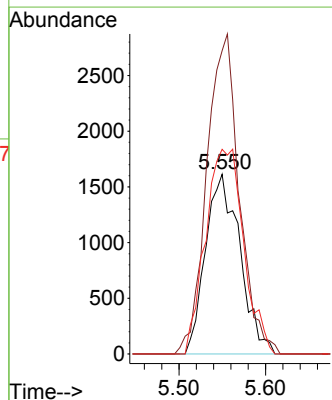
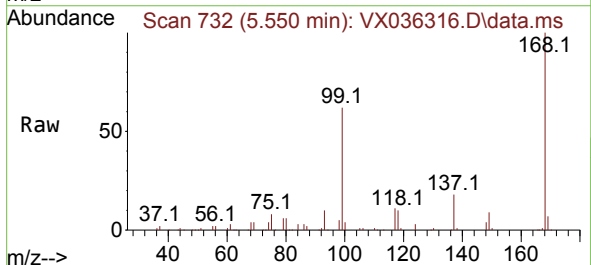


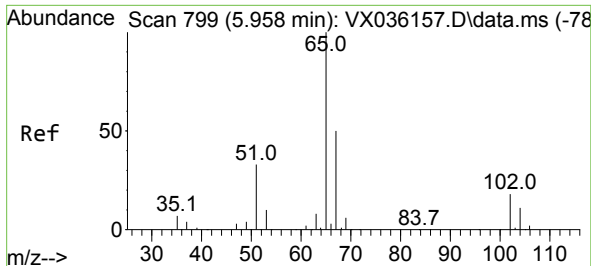
Tgt Ion: 84 Resp: 589
Ion Ratio Lower Upper
84 100
49 125.4 103.6 155.4
51 25.1 33.8 50.6#
86 63.8 49.4 74.0



#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Tgt Ion: 56 Resp: 4444
Ion Ratio Lower Upper
56 100
69 168.8 23.4 35.2#
84 113.9 65.9 98.9#

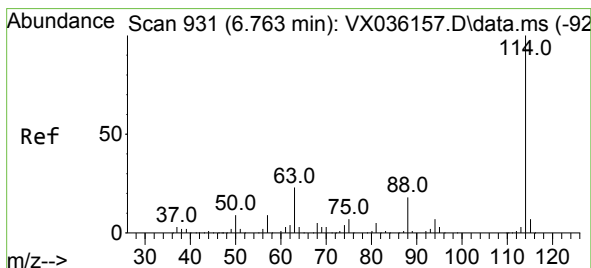
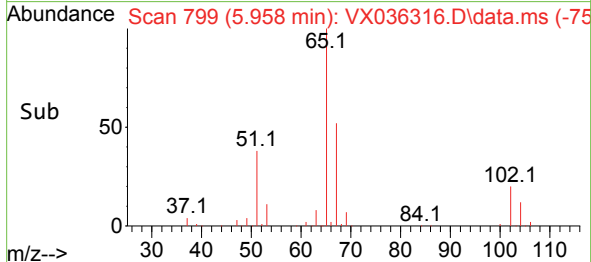
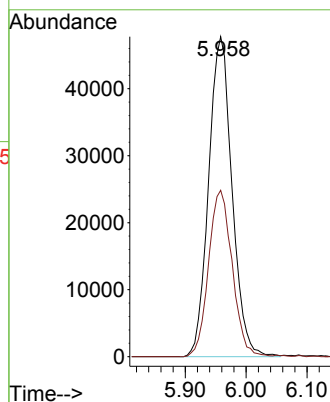
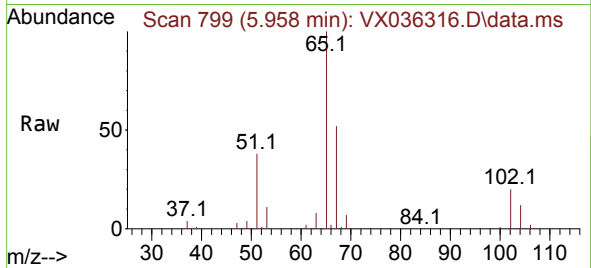




#33
1,2-Dichloroethane-d4
Concen: 46.379 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

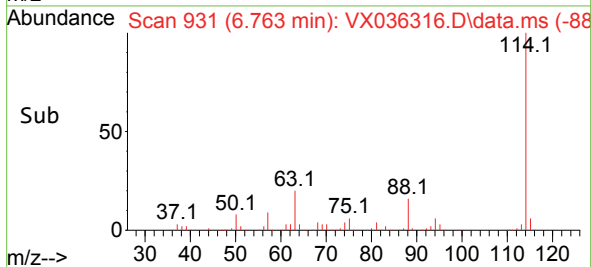
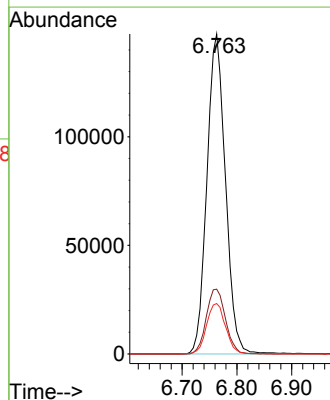
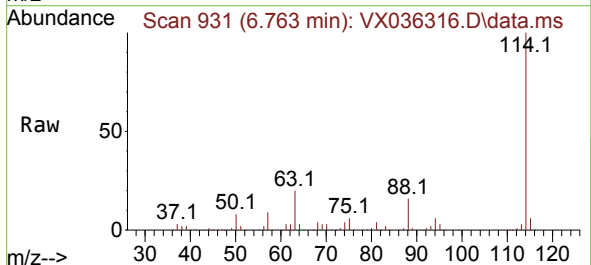
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

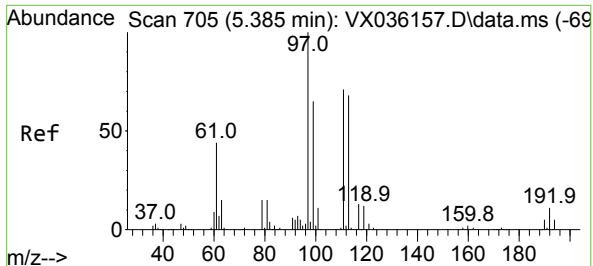
Tgt Ion: 65 Resp: 127519
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Tgt Ion:114 Resp: 344564
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.7 0.0 36.6

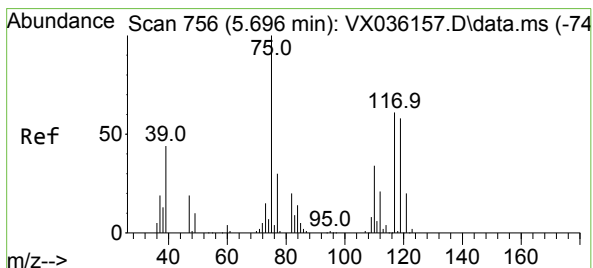
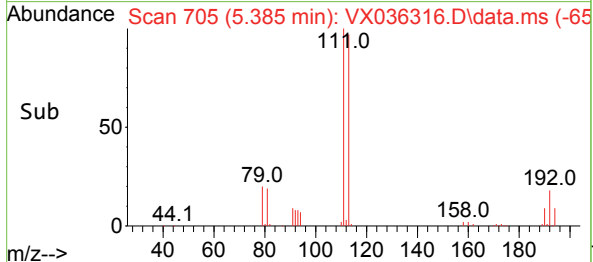
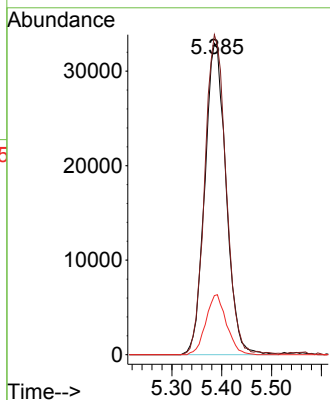
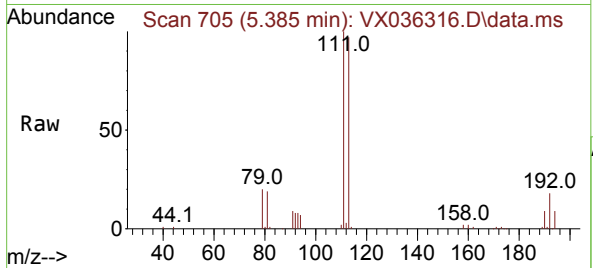




#35
Dibromofluoromethane
Concen: 43.084 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

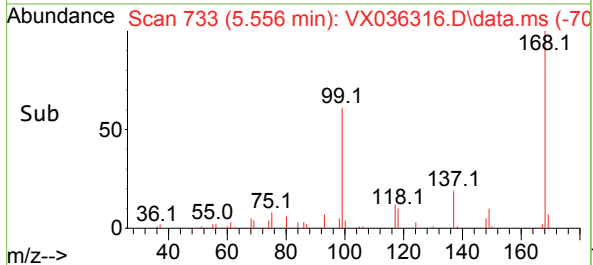
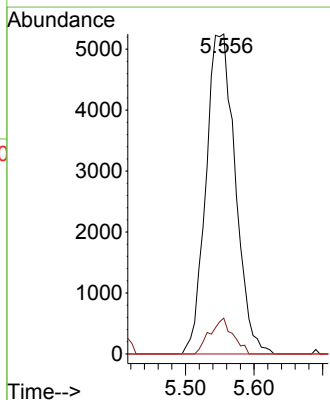
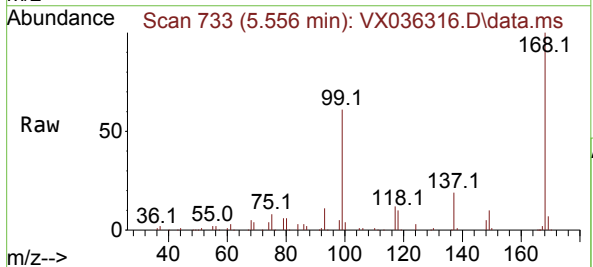
Instrument :
MSVOA_X
ClientSampleId :
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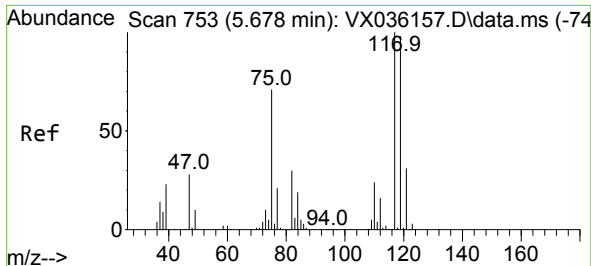
Tgt Ion:113 Resp: 97885
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

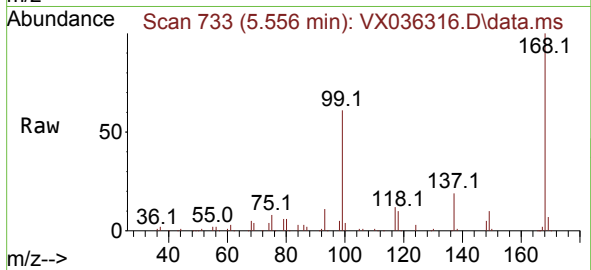
Tgt Ion: 75 Resp: 15592
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



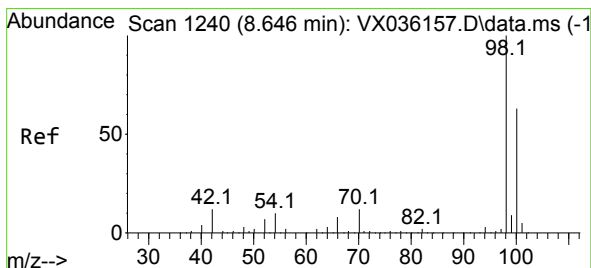
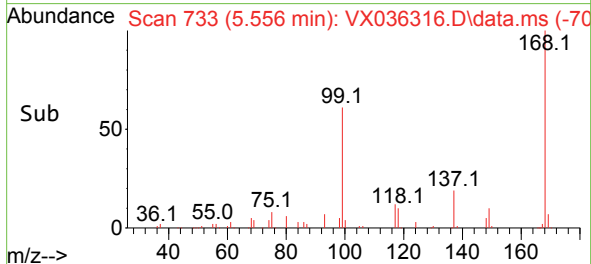
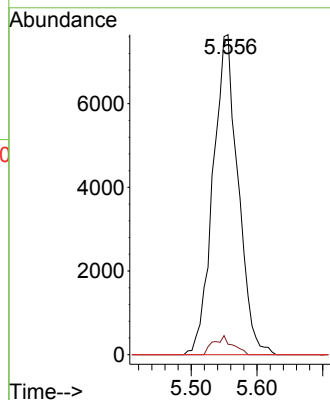


#38
Carbon Tetrachloride
Concen: 6.568 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

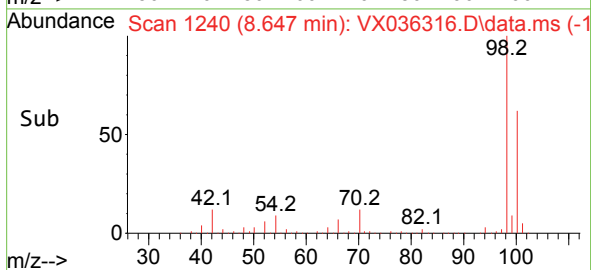
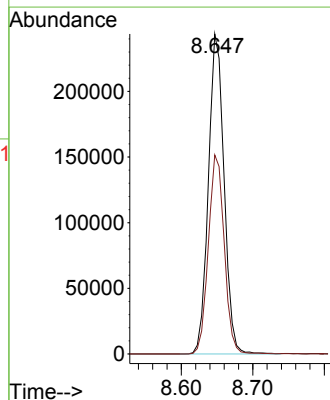
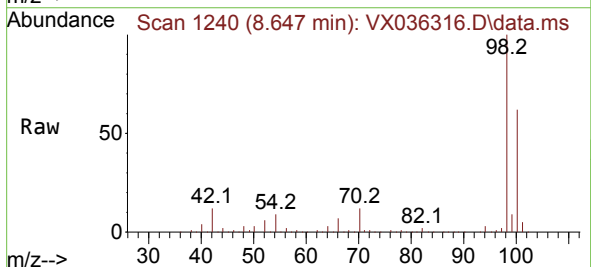


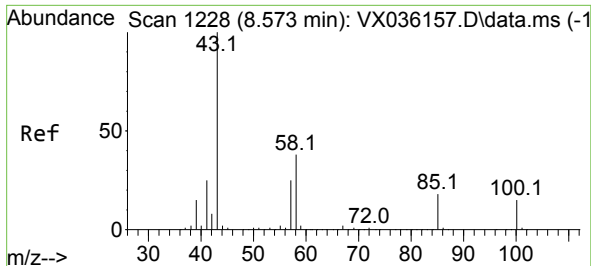
Tgt Ion:117 Resp: 20316
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 43.765 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Tgt Ion: 98 Resp: 371375
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

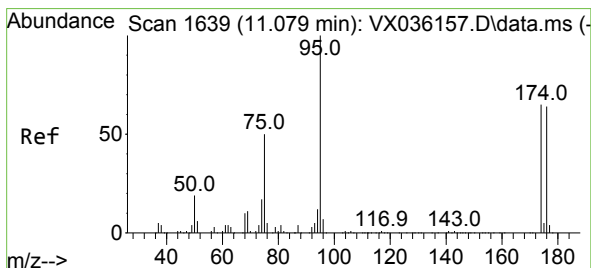
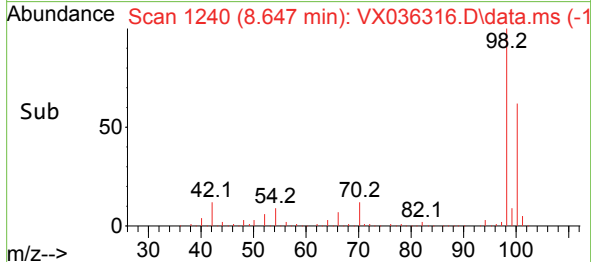
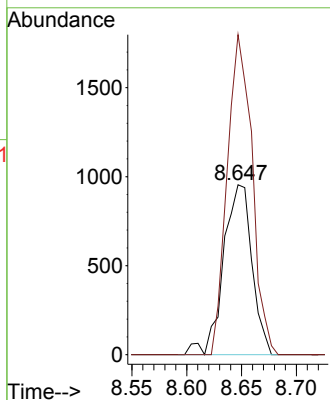
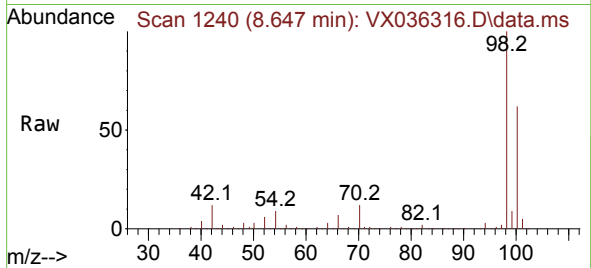




#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

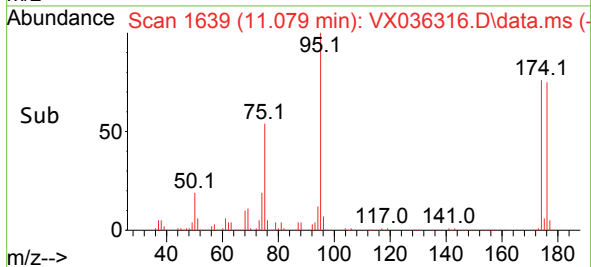
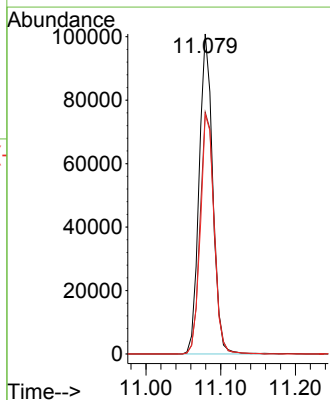
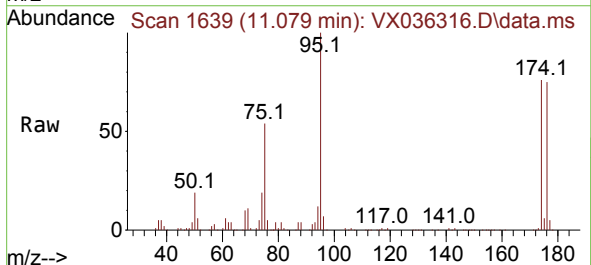
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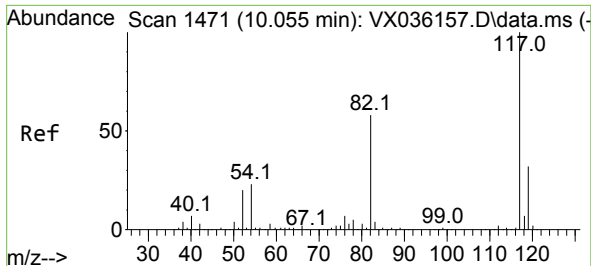
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
58 163.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 42.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Tgt Ion: 95 Resp: 126782
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 75.8 0.0 131.0

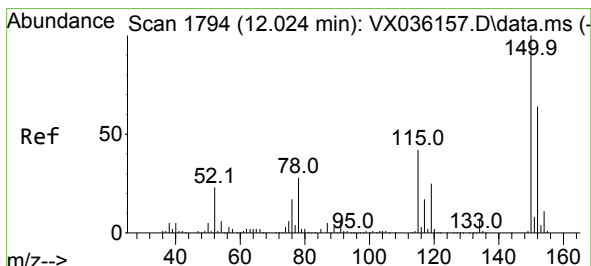
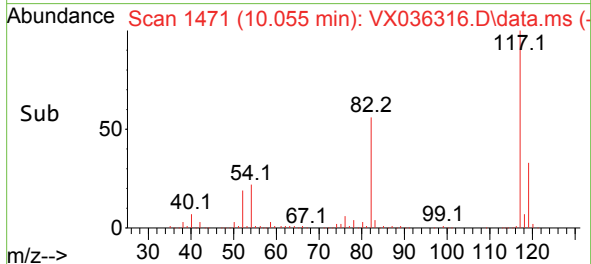
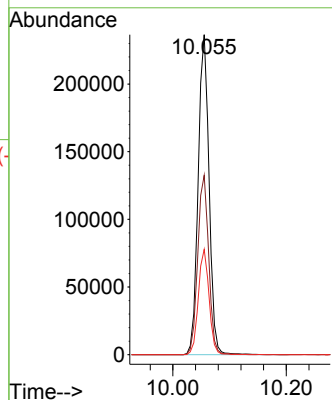
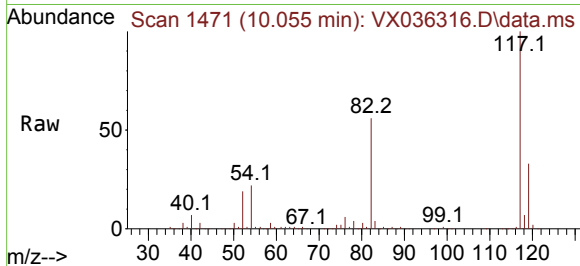




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

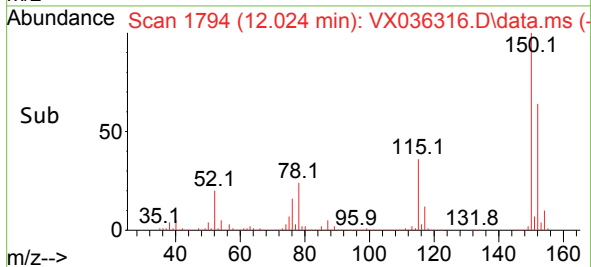
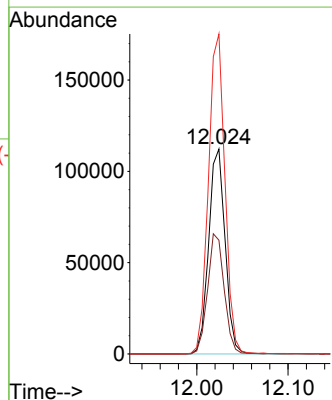
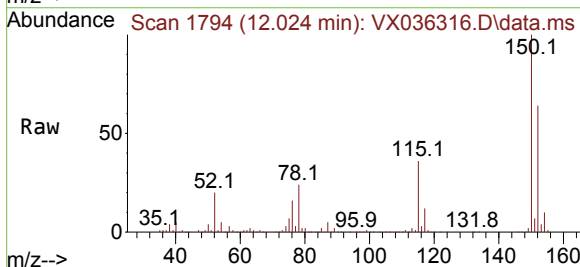
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

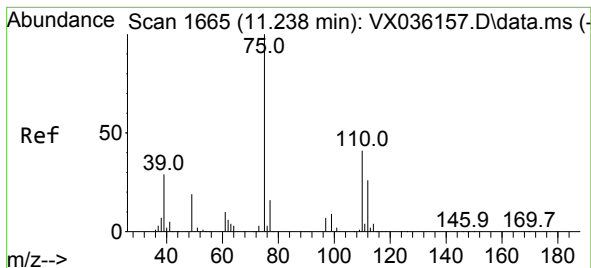
Tgt Ion:117 Resp: 314701
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Tgt Ion:152 Resp: 139877
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.724 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036316.D

Acq: 24 Jun 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

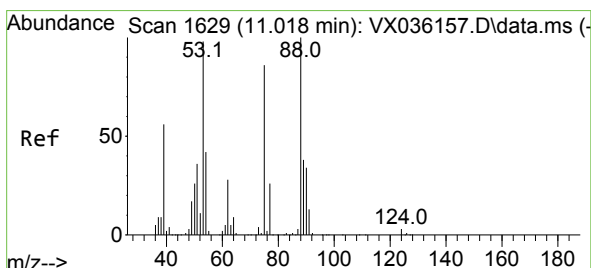
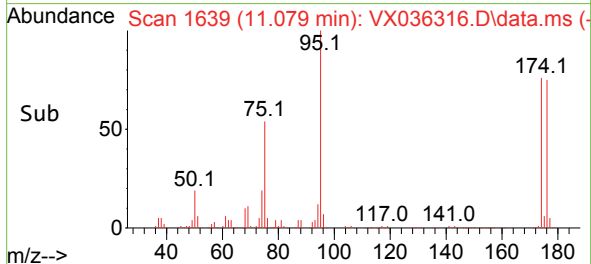
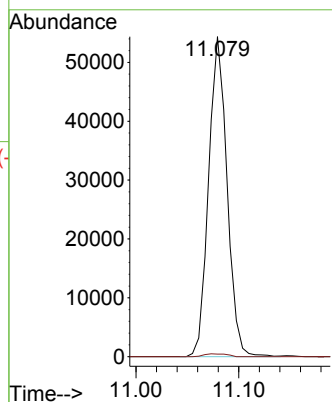
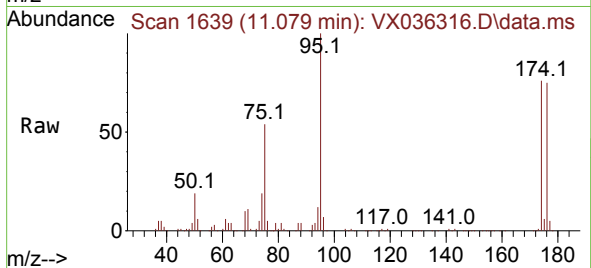
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 67800

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.075 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036316.D

Acq: 24 Jun 2023 17:01

Tgt Ion: 75 Resp: 67800

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

