

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036458.D
 Acq On : 07 Jul 2023 14:17
 Operator : JC/MD
 Sample : 03494-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 07 23:05:29 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)

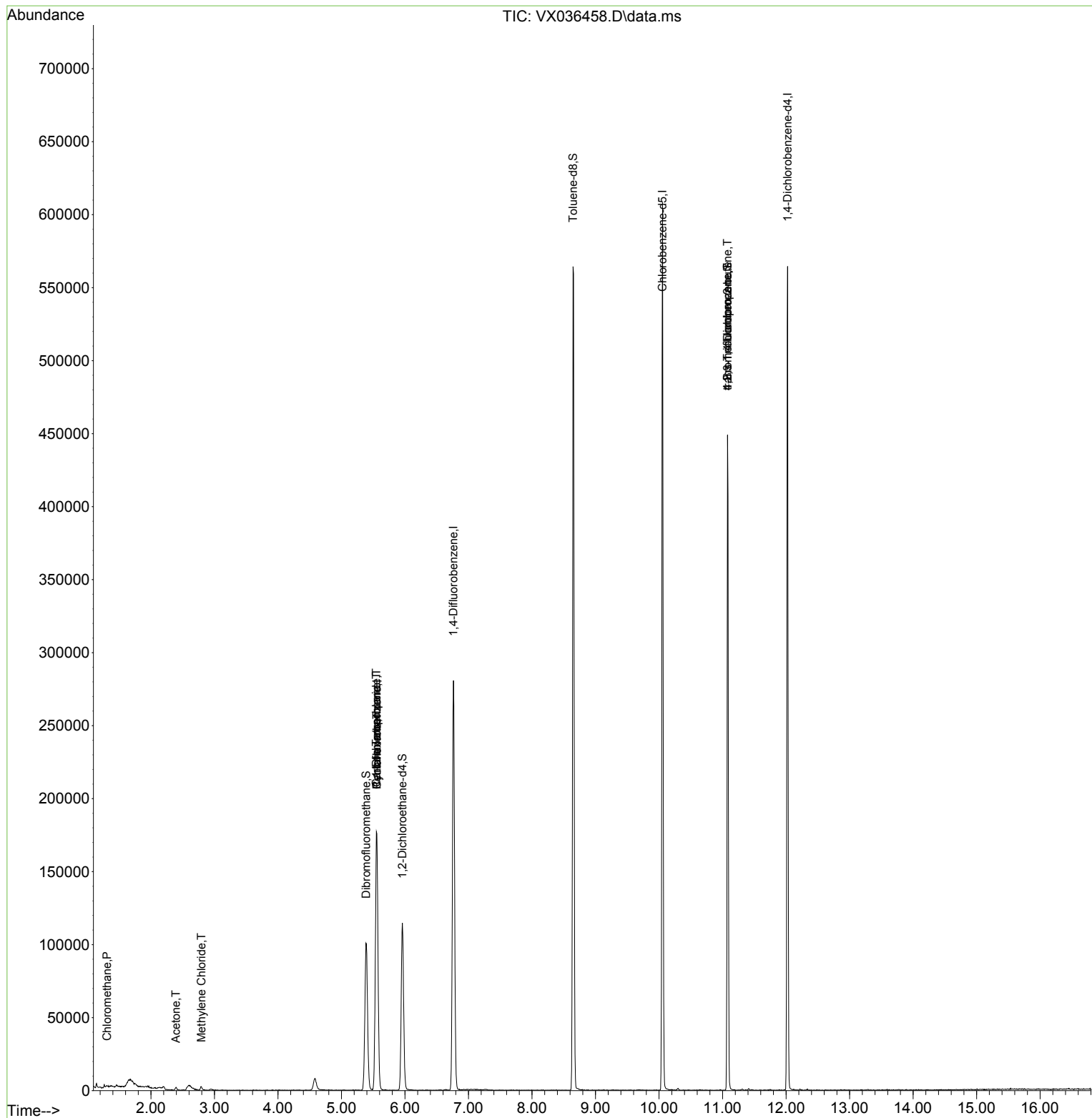
Internal Standards						
1) Pentafluorobenzene	5.556	168	167523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	285253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108355	45.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.240%
35) Dibromofluoromethane	5.385	113	89615	47.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.647	98	346340	49.301	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.600%
62) 4-Bromofluorobenzene	11.079	95	120656	48.760	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	731	0.266	ug/l #	86
16) Acetone	2.392	43	2464	2.401	ug/l	97
20) Methylene Chloride	2.794	84	1265	0.572	ug/l #	85
31) Cyclohexane	5.556	56	3474	1.129	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14083	5.023	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16980	6.631	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	62959	25.918	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	62959	84.488	ug/l #	5

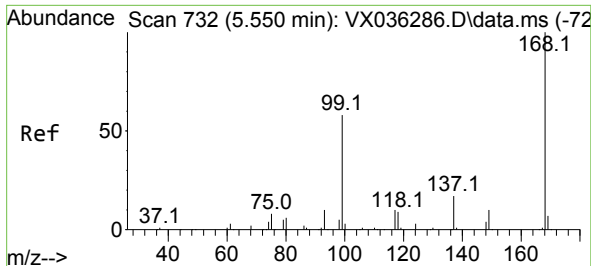
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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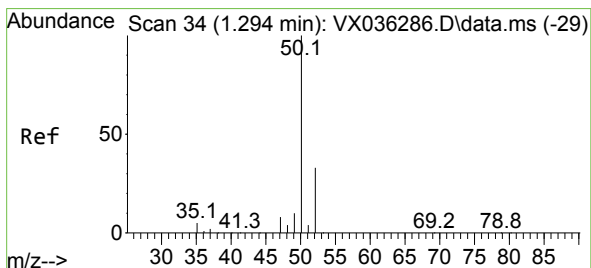
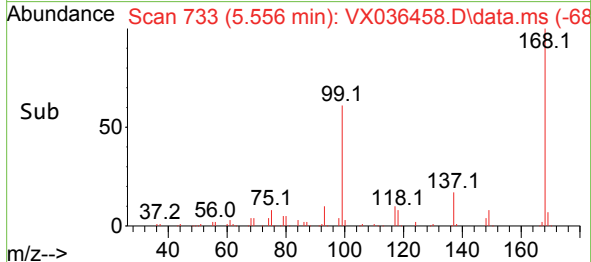
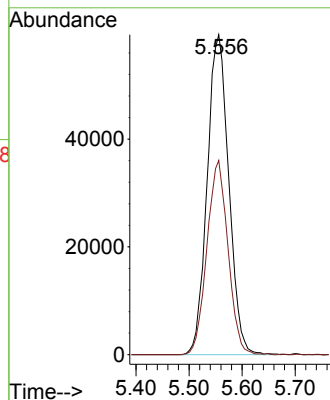
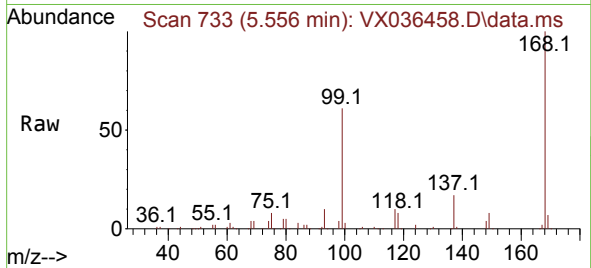




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

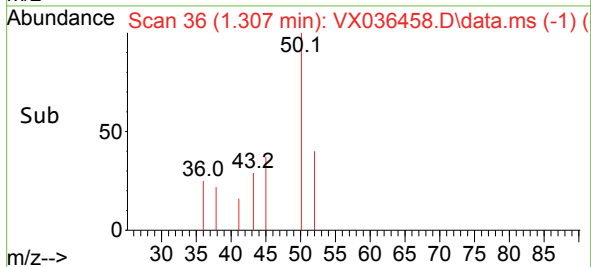
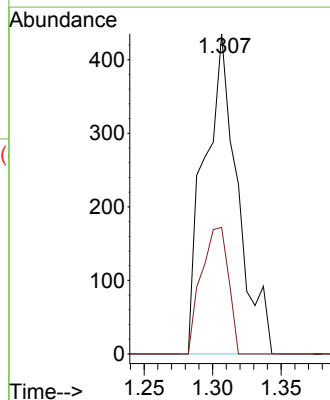
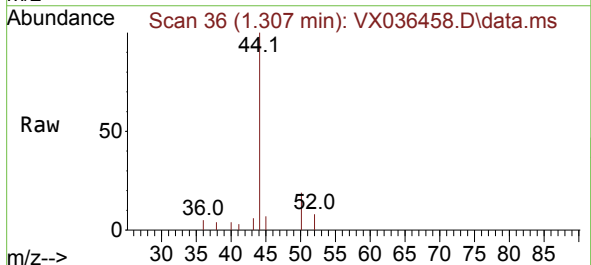
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

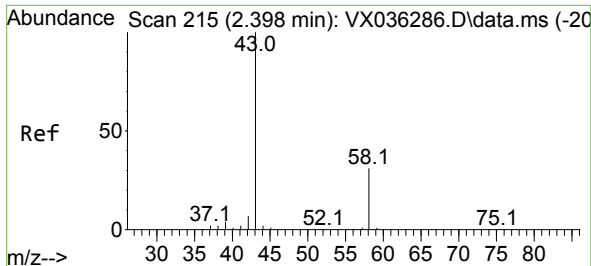
Tgt Ion:168 Resp: 167523
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#3
Chloromethane
Concen: 0.266 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.013 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

Tgt Ion: 50 Resp: 731
Ion Ratio Lower Upper
50 100
52 39.5 25.5 38.3#





#16

Acetone

Concen: 2.401 ug/l

RT: 2.392 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX036458.D

Acq: 07 Jul 2023 14:17

Instrument :

MSVOA_X

ClientSampleId :

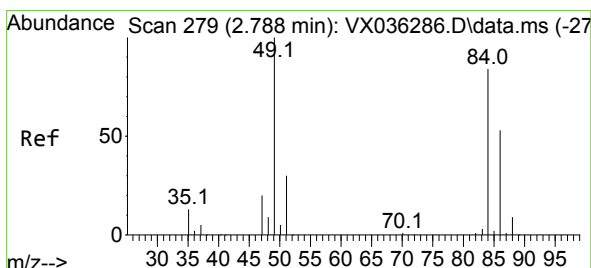
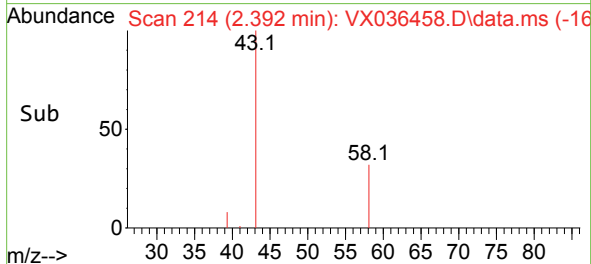
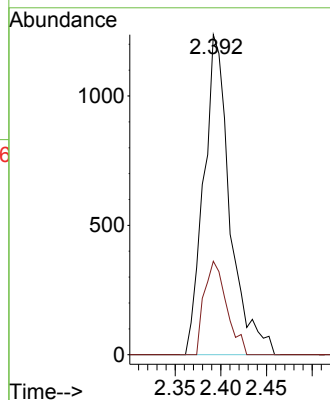
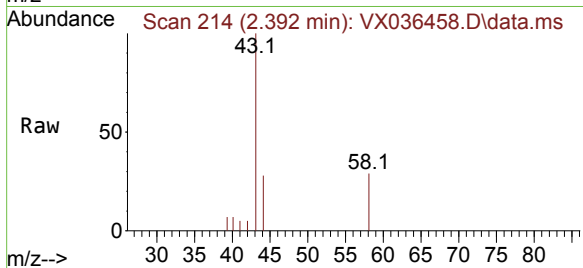
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 2464

Ion Ratio Lower Upper

43 100

58 29.2 21.9 32.9



#20

Methylene Chloride

Concen: 0.572 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX036458.D

Acq: 07 Jul 2023 14:17

Tgt Ion: 84 Resp: 1265

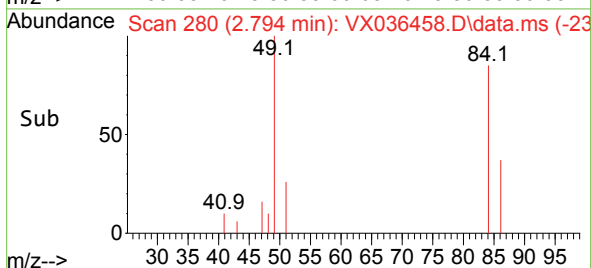
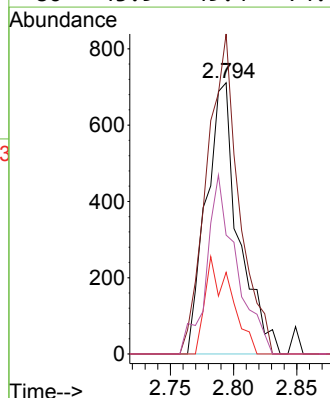
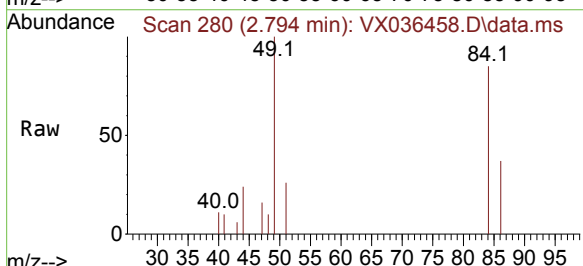
Ion Ratio Lower Upper

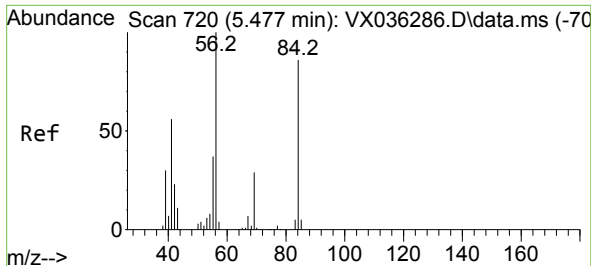
84 100

49 118.0 103.6 155.4

51 30.1 33.8 50.6#

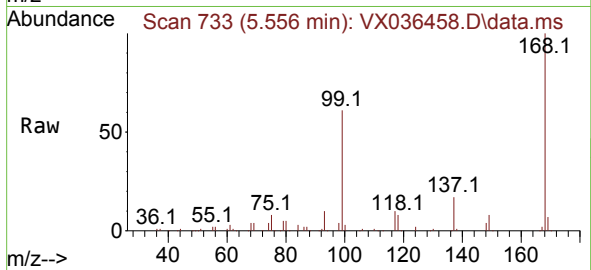
86 43.9 49.4 74.0#



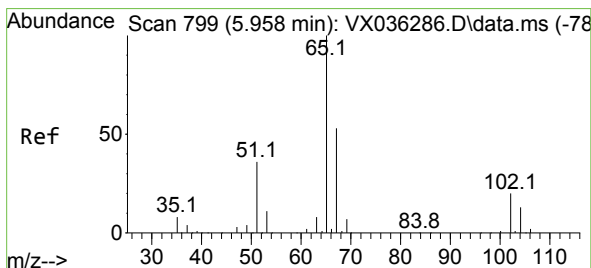
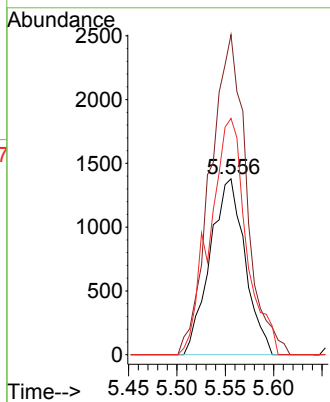
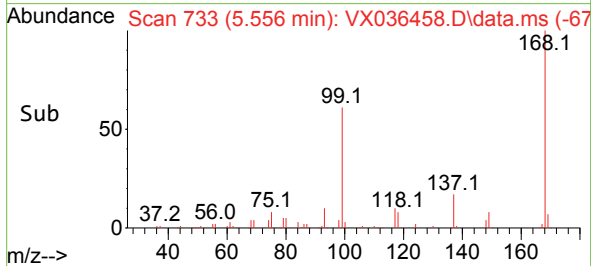


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

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

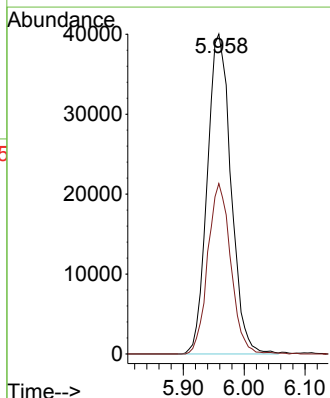
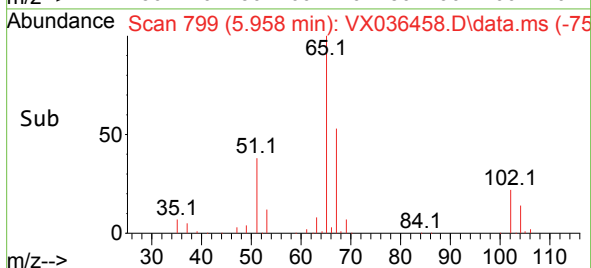
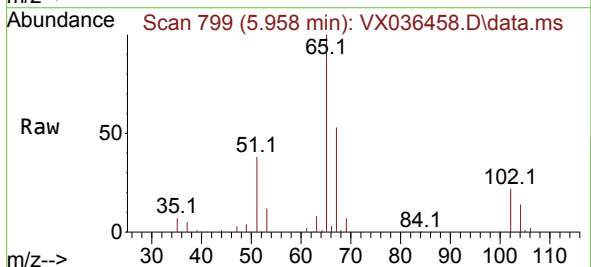


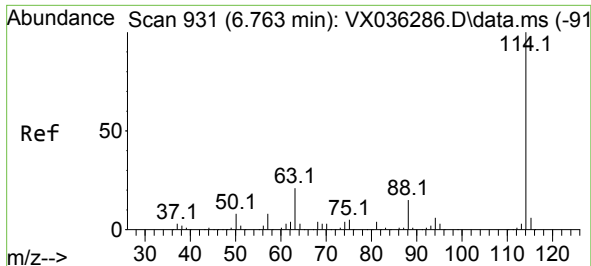
Tgt Ion: 56 Resp: 3474
Ion Ratio Lower Upper
56 100
69 181.9 23.4 35.2#
84 134.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.123 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

Tgt Ion: 65 Resp: 108355
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

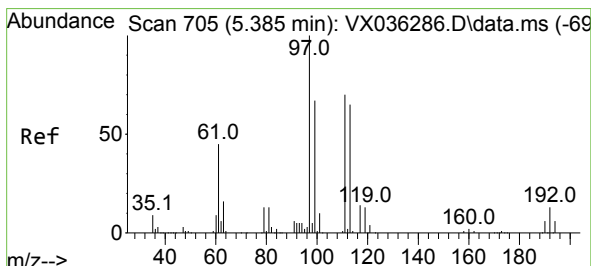
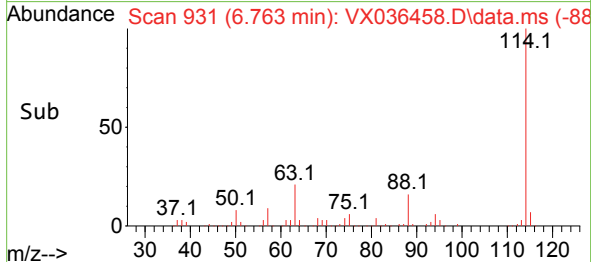
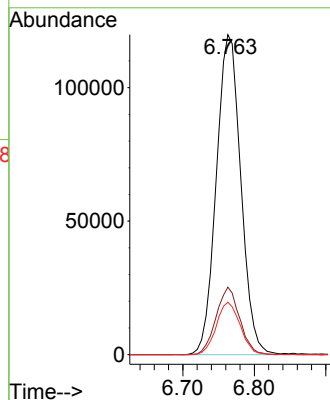
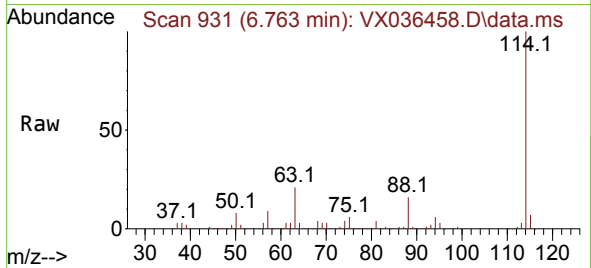




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

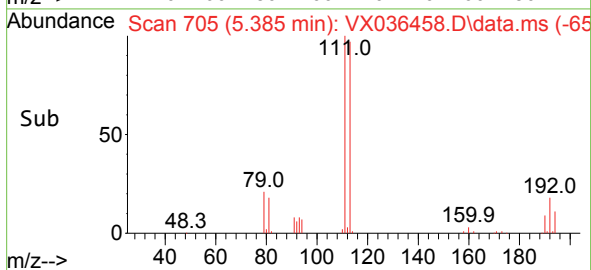
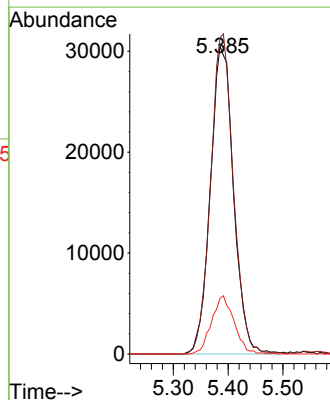
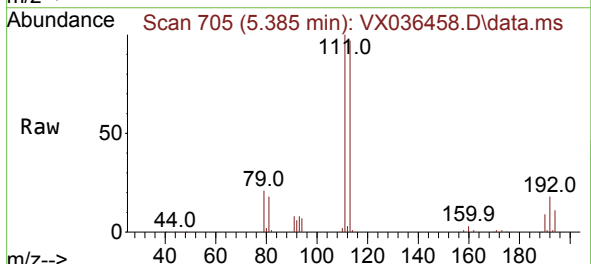
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

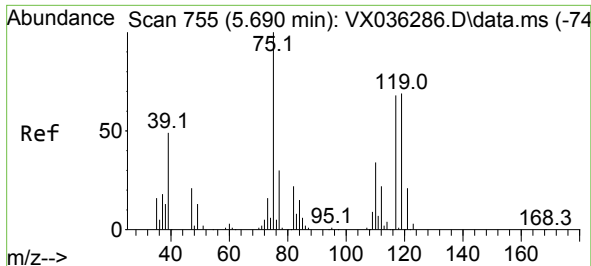
Tgt Ion:114 Resp: 285253
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.645 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

Tgt Ion:113 Resp: 89615
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.3 13.3 19.9

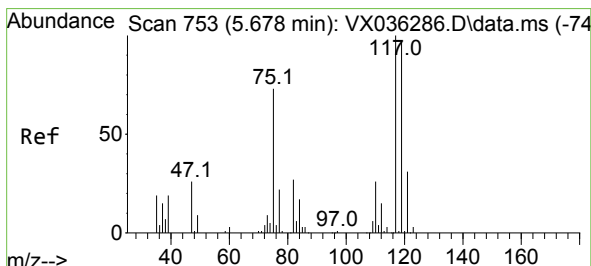
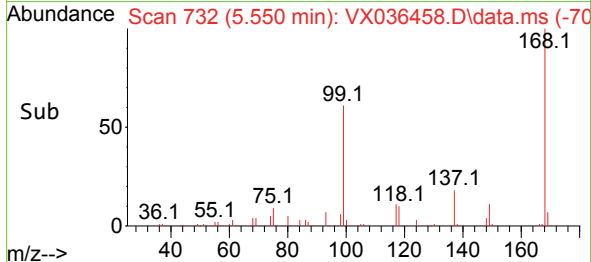
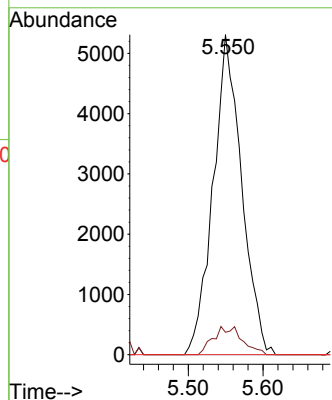
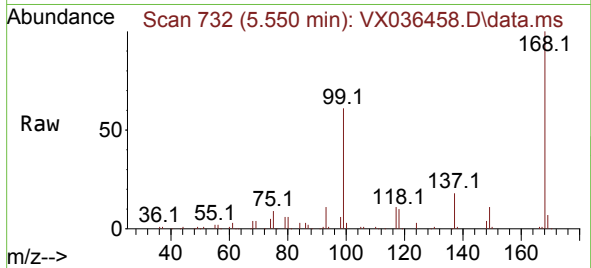




#36
1,1-Dichloropropene
Concen: 5.023 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

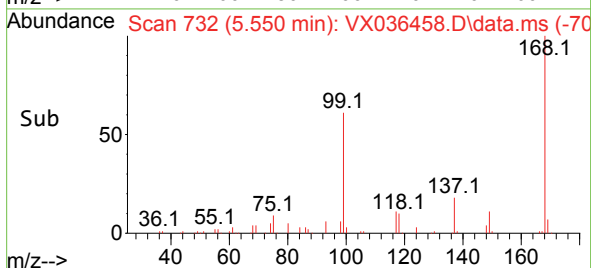
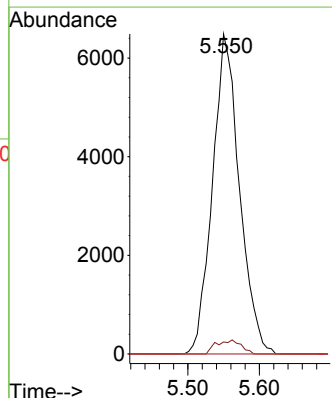
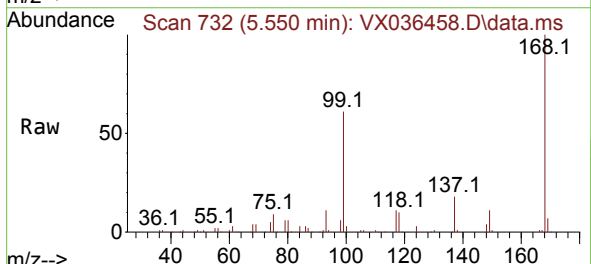
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

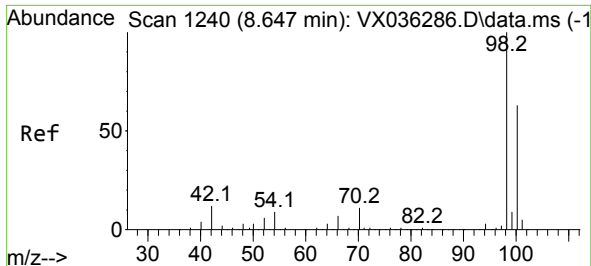
Tgt Ion: 75 Resp: 14083
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.631 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

Tgt Ion: 117 Resp: 16980
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

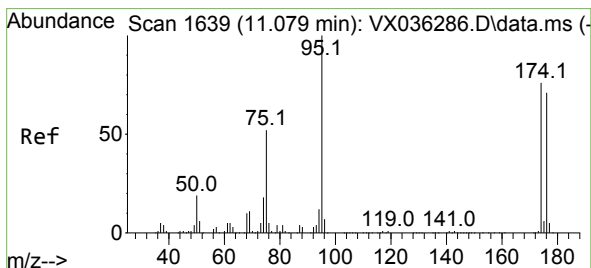
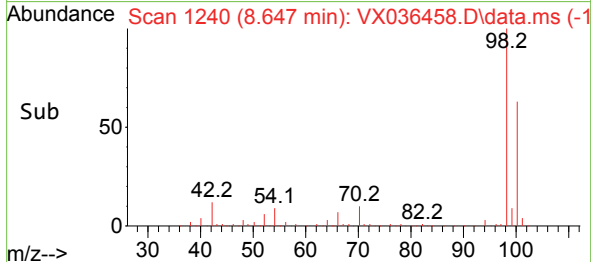
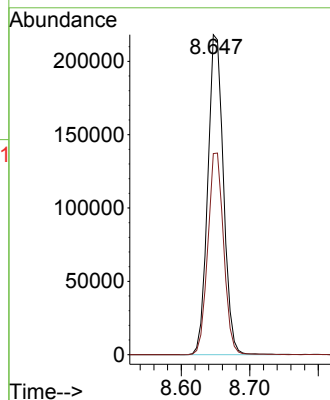
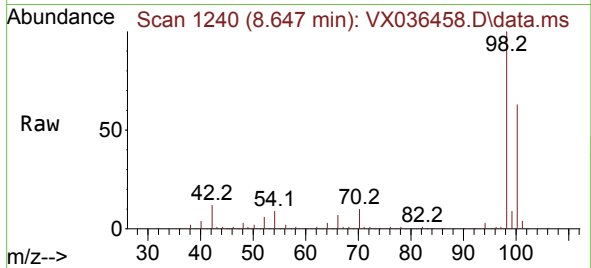




#50
Toluene-d8
Concen: 49.301 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

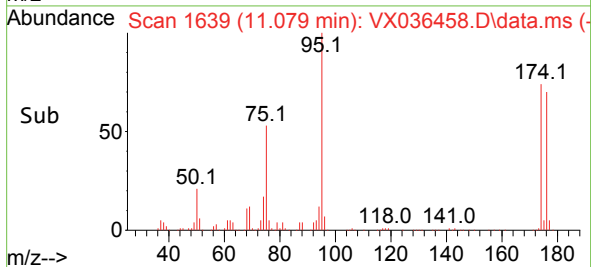
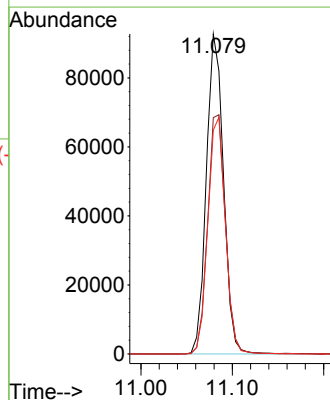
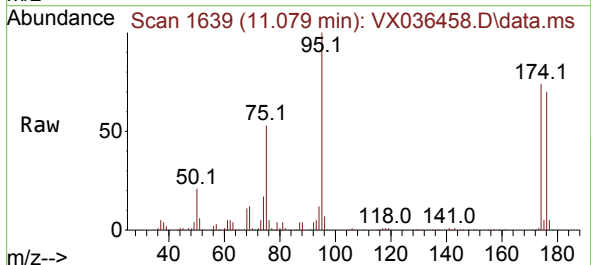
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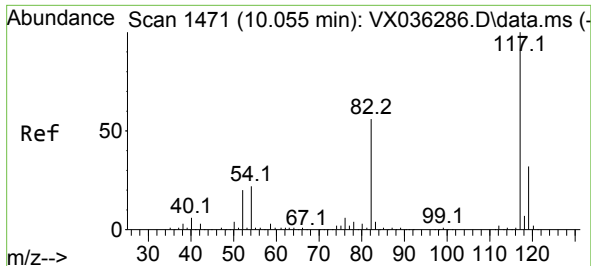
Tgt Ion: 98 Resp: 346340
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

Tgt Ion: 95 Resp: 120656
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 75.4 0.0 131.0

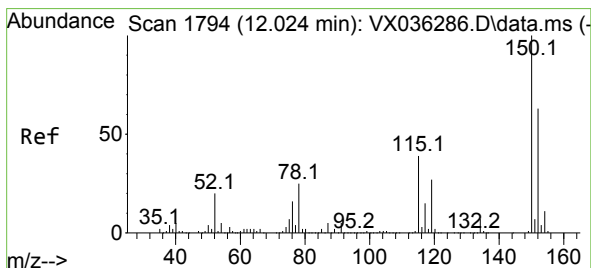
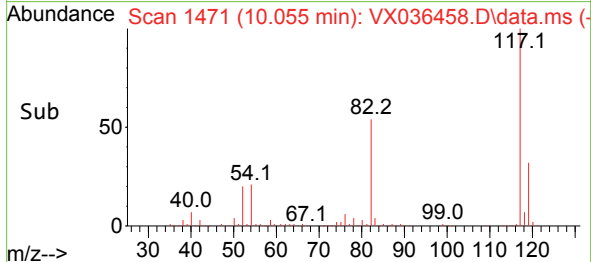
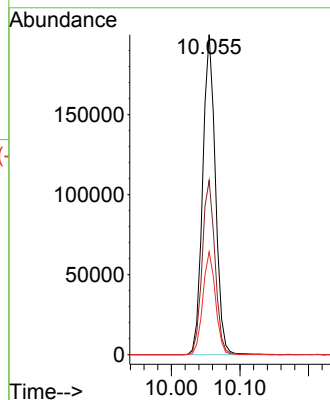
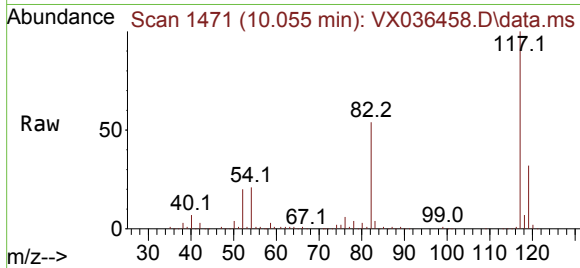




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

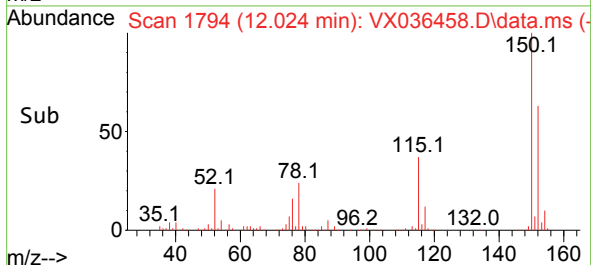
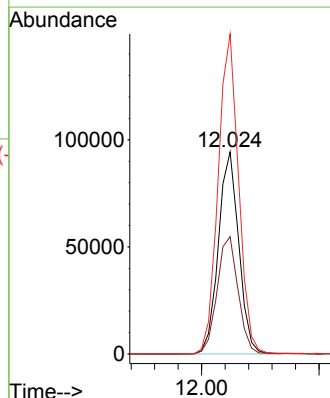
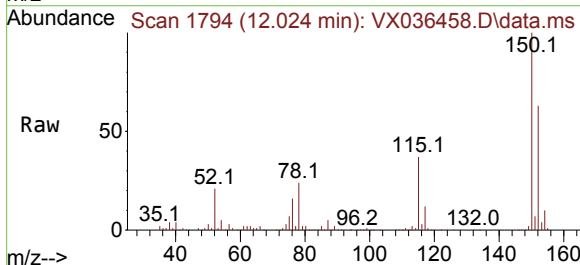
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

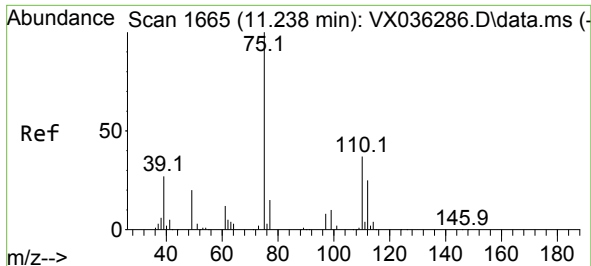
Tgt Ion:117 Resp: 258847
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

Tgt Ion:152 Resp: 113881
Ion Ratio Lower Upper
152 100
115 59.9 43.3 129.9
150 158.8 0.0 345.0

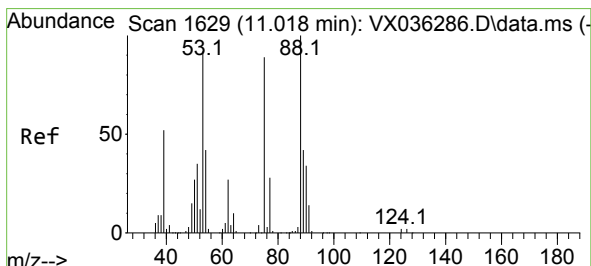
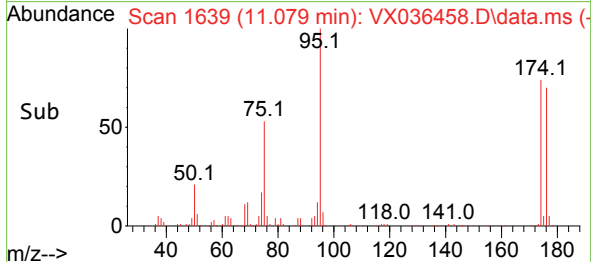
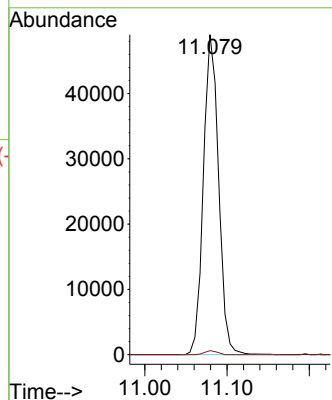
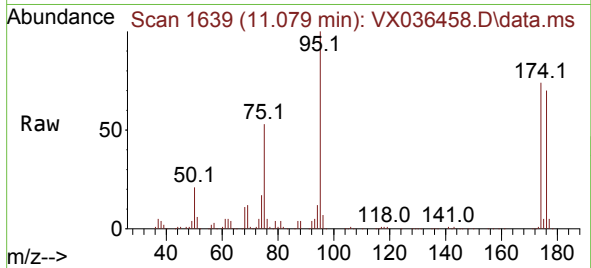




#76
1,2,3-Trichloropropane
Concen: 25.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

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

Tgt Ion: 75 Resp: 62959
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.488 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036458.D
Acq: 07 Jul 2023 14:17

Tgt Ion: 75 Resp: 62959
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

