

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036456.D
 Acq On : 07 Jul 2023 13:29
 Operator : JC/MD
 Sample : 03494-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 07 23:04:51 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)

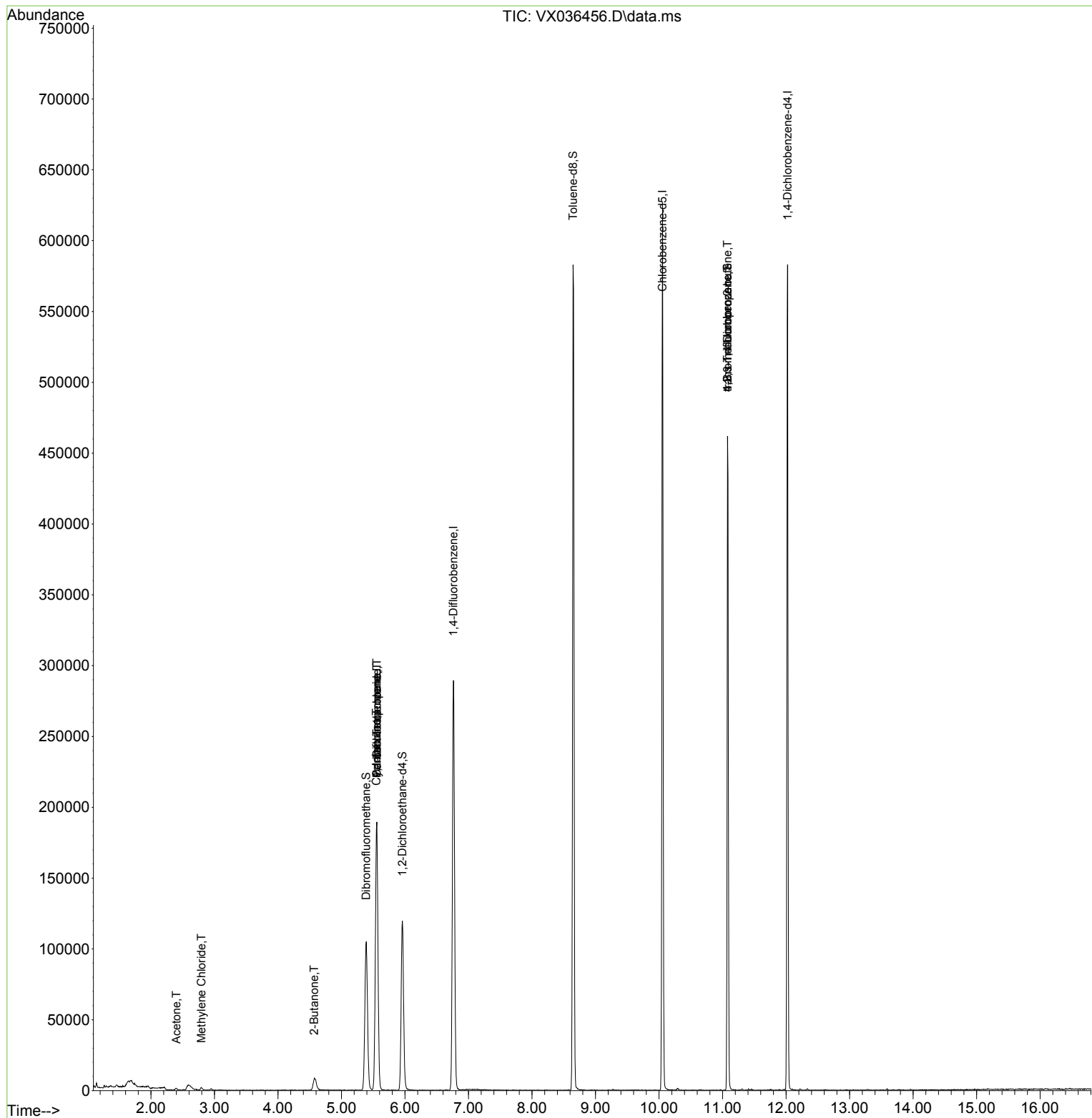
Internal Standards						
1) Pentafluorobenzene	5.556	168	177162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	295807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114789	45.202	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.400%
35) Dibromofluoromethane	5.385	113	92170	47.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	8.647	98	356120	48.884	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.079	95	123438	48.105	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.200%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	2304	2.123	ug/l #	85
20) Methylene Chloride	2.794	84	905	0.387	ug/l #	63
25) 2-Butanone	4.568	43	769	0.493	ug/l #	51
31) Cyclohexane	5.550	56	3913	1.202	ug/l #	53
36) 1,1-Dichloropropene	5.556	75	14219	4.891	ug/l #	50
38) Carbon Tetrachloride	5.556	117	18256	6.875	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	64543	25.650	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64543	83.614	ug/l #	5

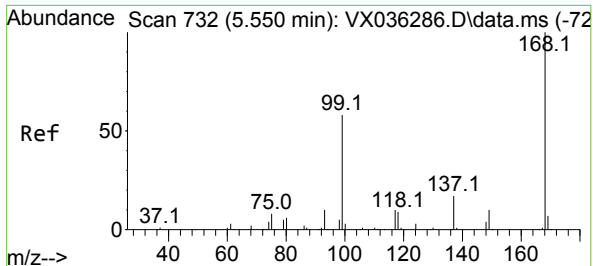
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 23:04:51 2023
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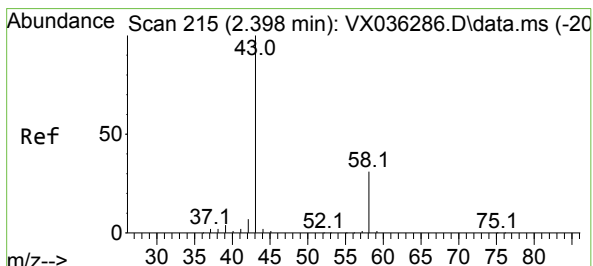
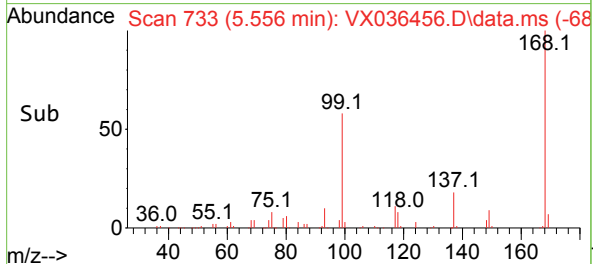
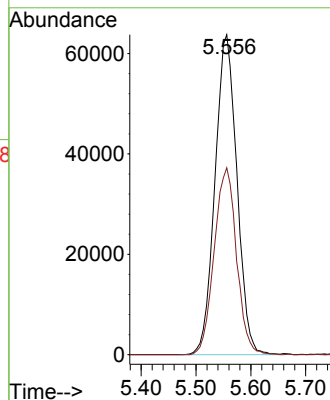
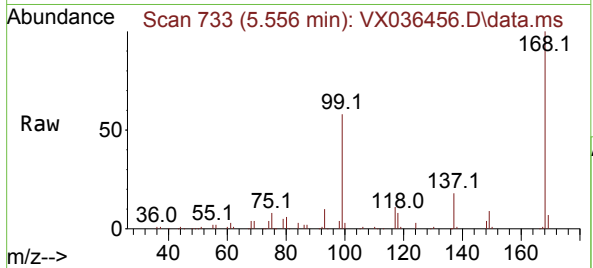




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

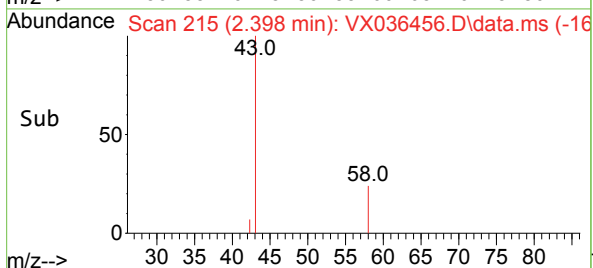
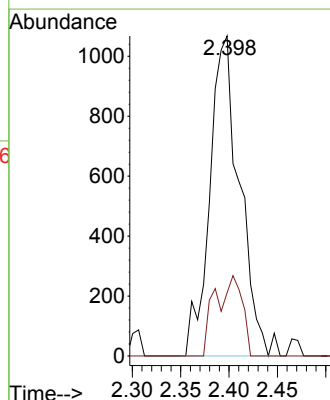
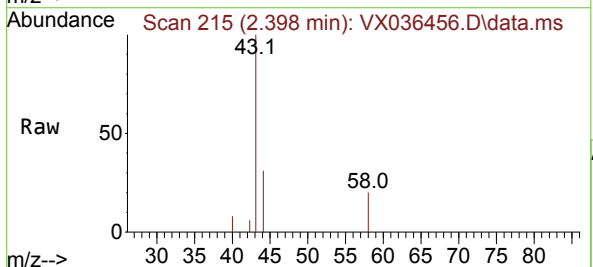
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

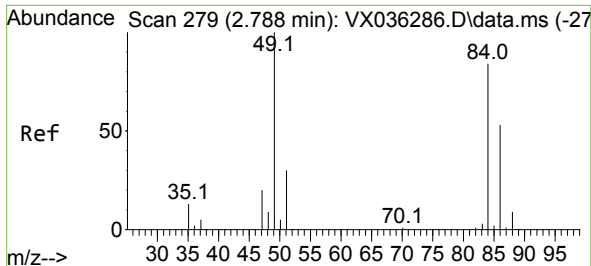
Tgt Ion:168 Resp: 177162
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#16
Acetone
Concen: 2.123 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
58 19.8 21.9 32.9#

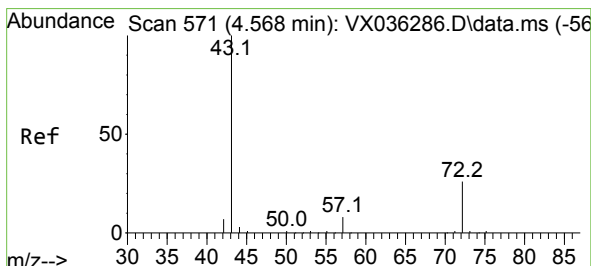
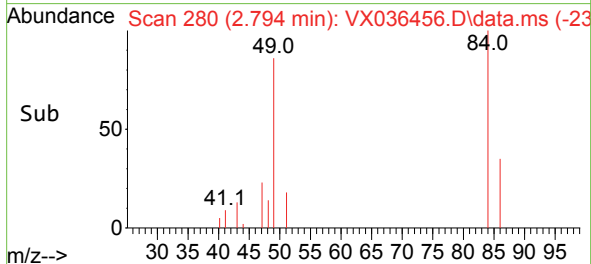
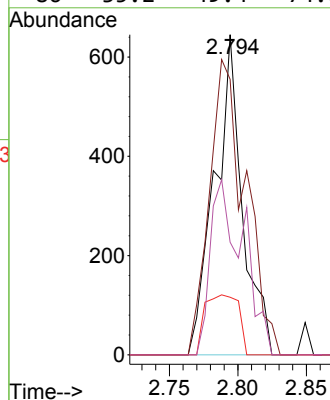
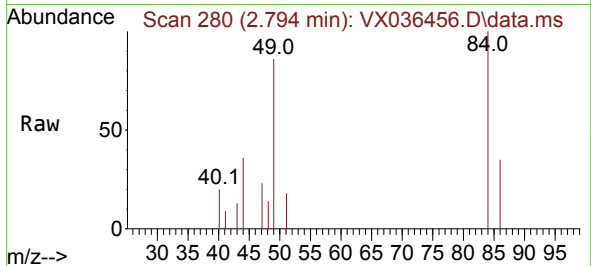




#20
Methylene Chloride
Concen: 0.387 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

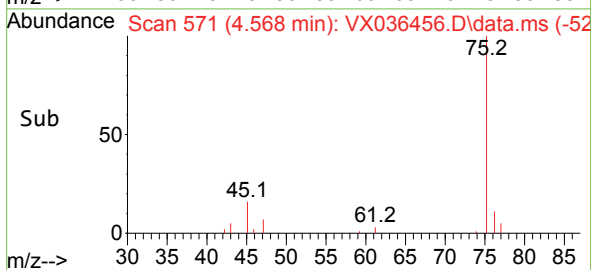
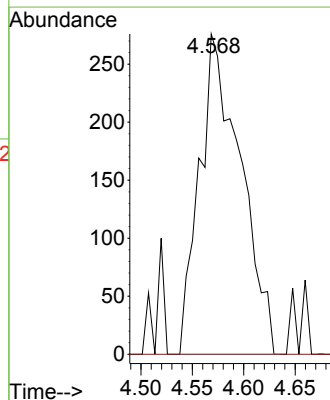
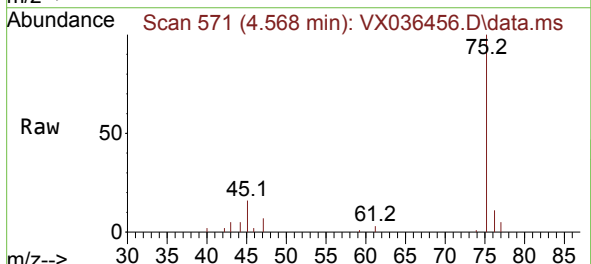
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

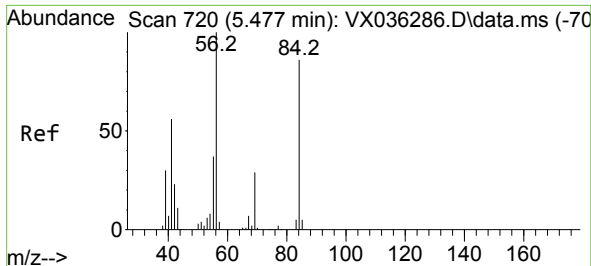
Tgt Ion: 84	Resp:	905
Ion	Ratio	Lower Upper
84	100	
49	86.0	103.6 155.4#
51	18.0	33.8 50.6#
86	35.2	49.4 74.0#



#25
2-Butanone
Concen: 0.493 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

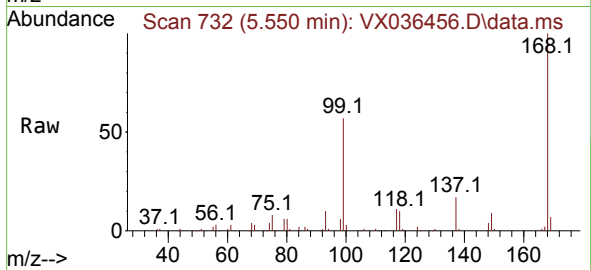
Tgt Ion: 43	Resp:	769
Ion	Ratio	Lower Upper
43	100	
72	0.0	19.4 29.2#



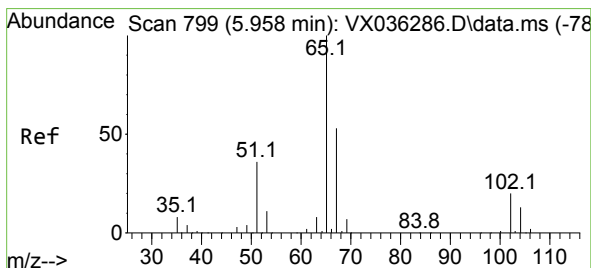
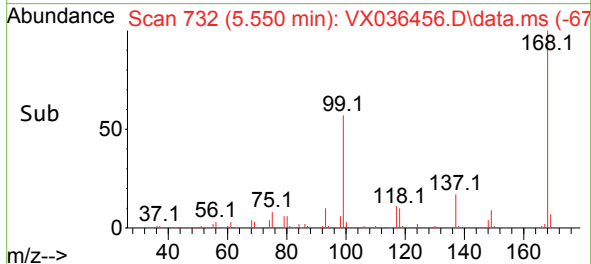
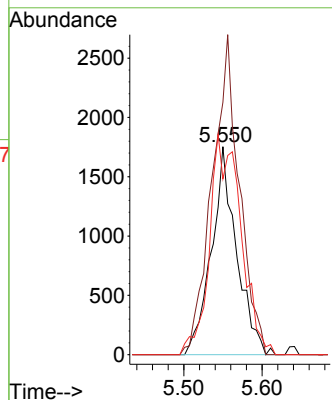


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.550 min Scan# 713
Delta R.T. 0.080 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

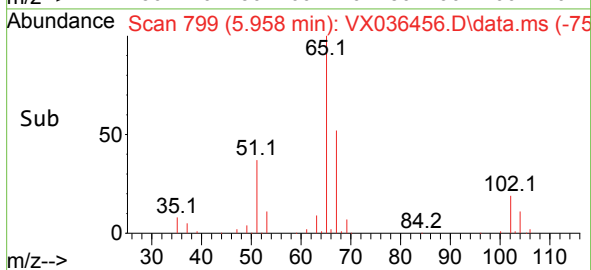
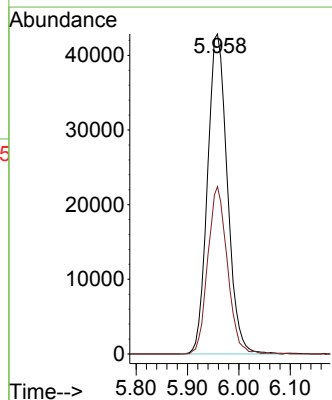
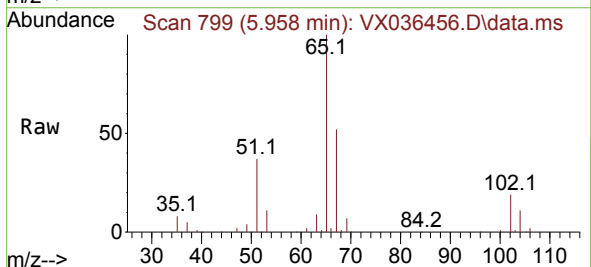


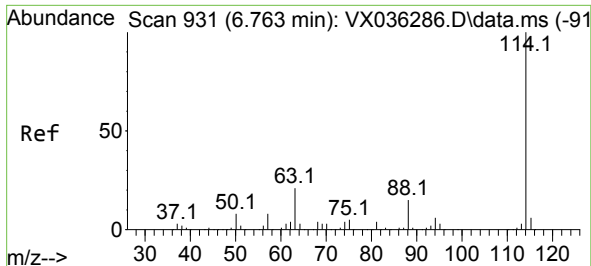
Tgt Ion: 56 Resp: 3913
Ion Ratio Lower Upper
56 100
69 121.4 23.4 35.2#
84 84.5 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.202 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

Tgt Ion: 65 Resp: 114789
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: VX036456.D

Acq: 07 Jul 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

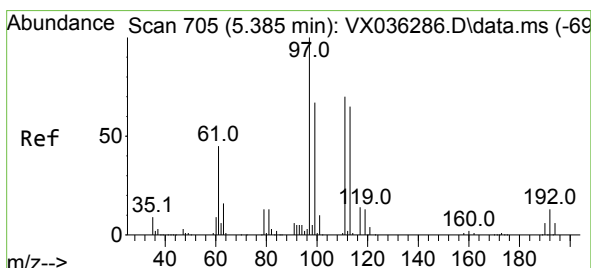
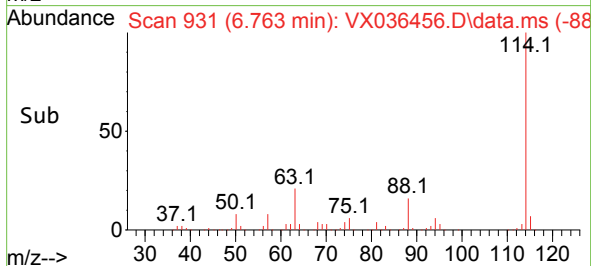
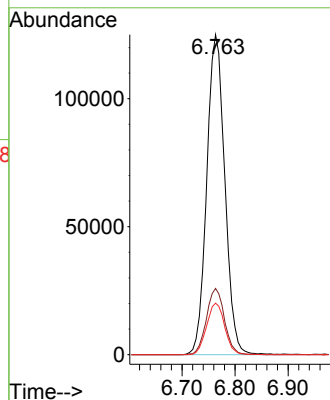
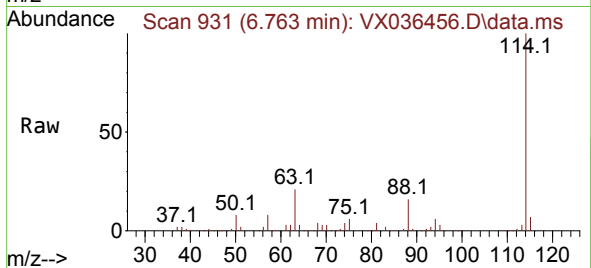
Tgt Ion:114 Resp: 295807

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.255 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036456.D

Acq: 07 Jul 2023 13:29

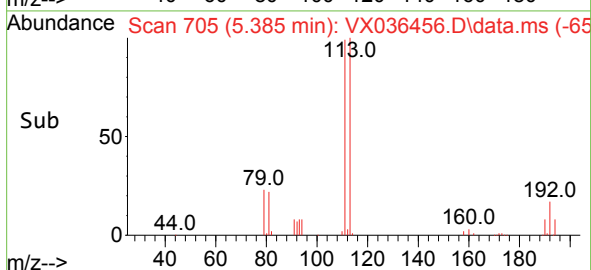
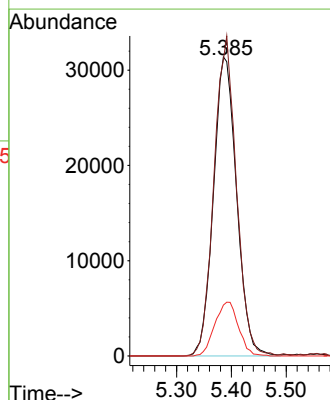
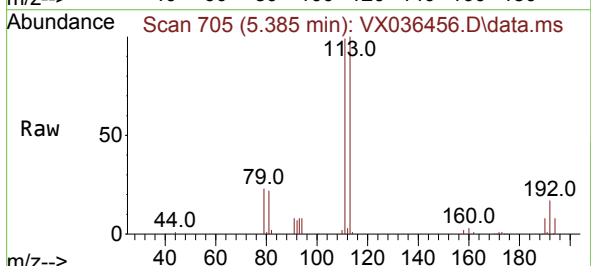
Tgt Ion:113 Resp: 92170

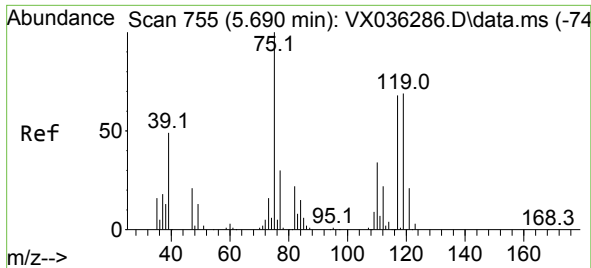
Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.4 13.3 19.9

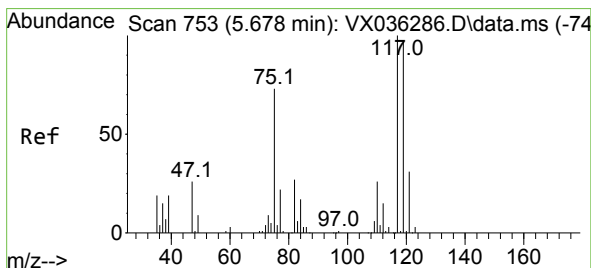
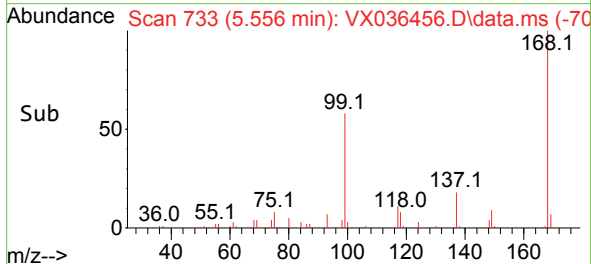
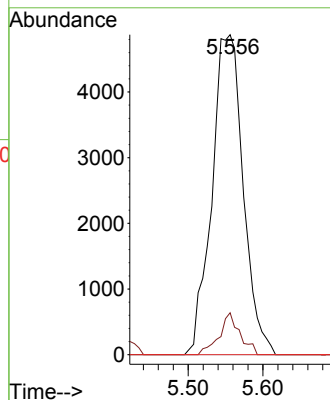
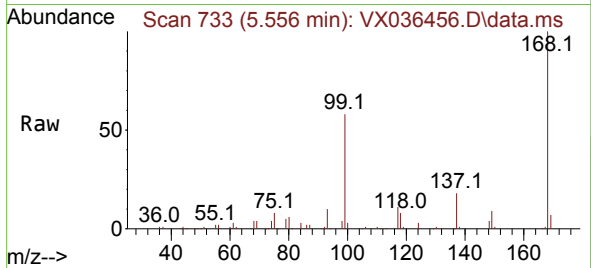




#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

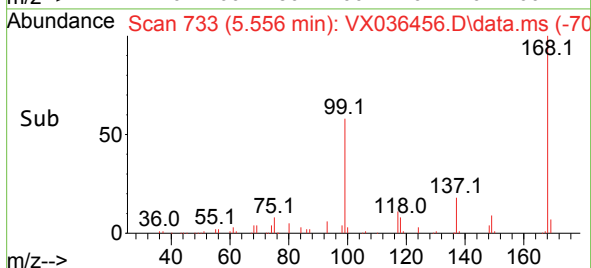
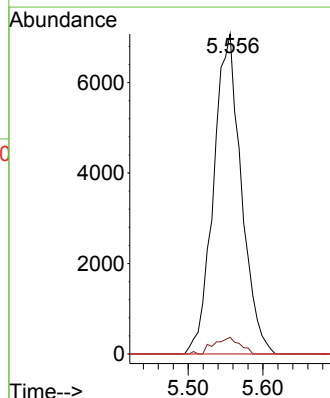
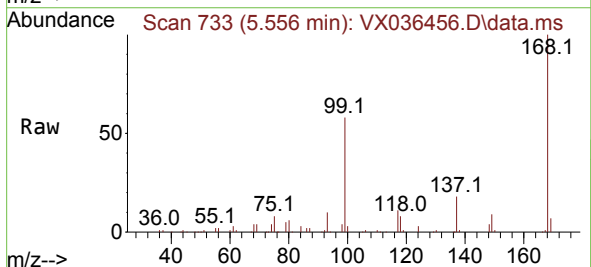
Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-5

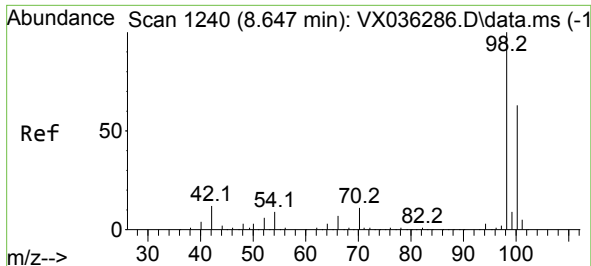
Tgt Ion: 75 Resp: 14219
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.875 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

Tgt Ion: 117 Resp: 18256
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

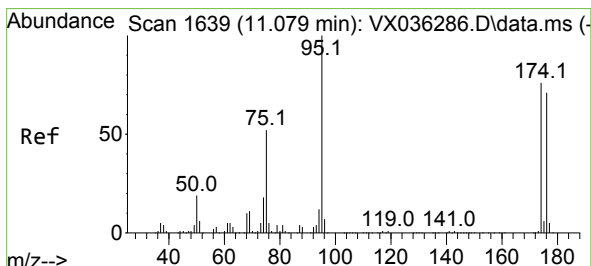
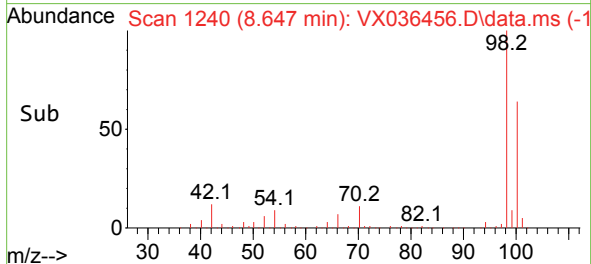
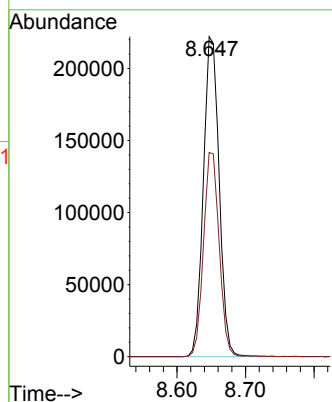
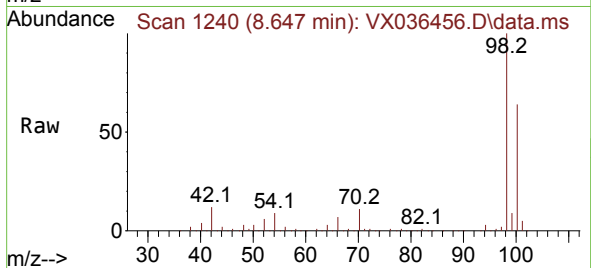




#50
Toluene-d8
Concen: 48.884 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

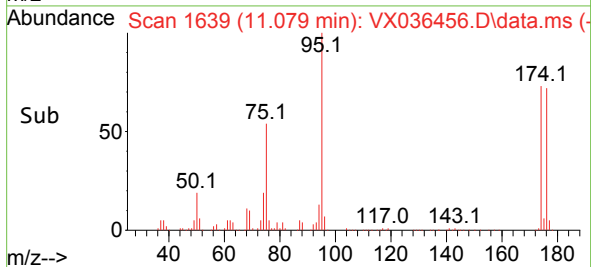
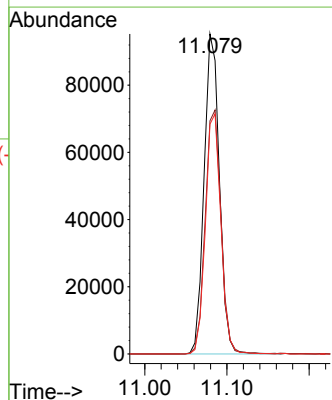
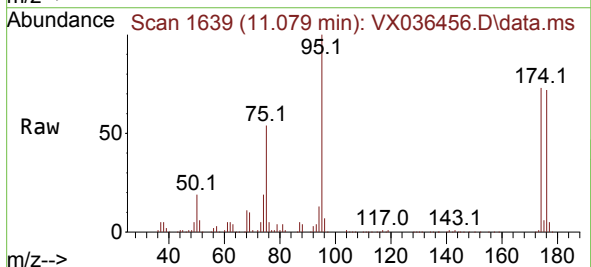
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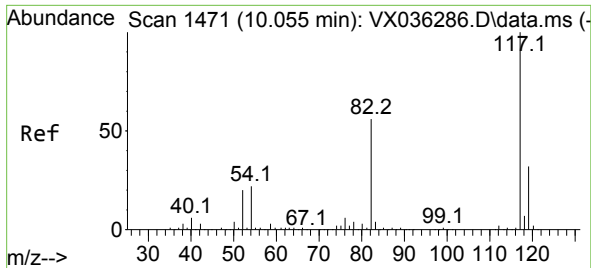
Tgt Ion: 98 Resp: 356120
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

Tgt Ion: 95 Resp: 123438
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 75.5 0.0 131.0

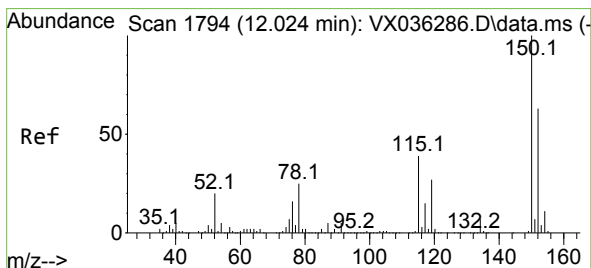
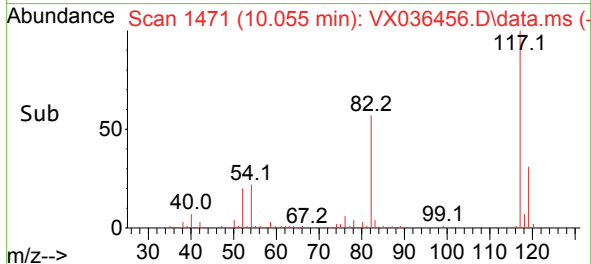
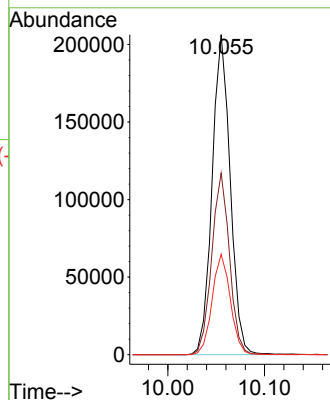
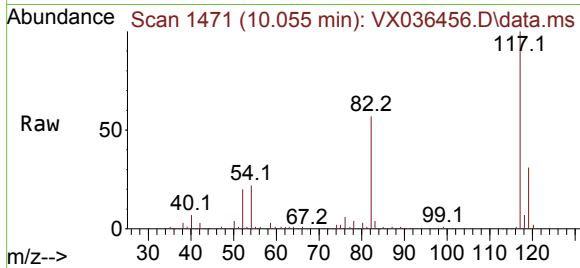




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

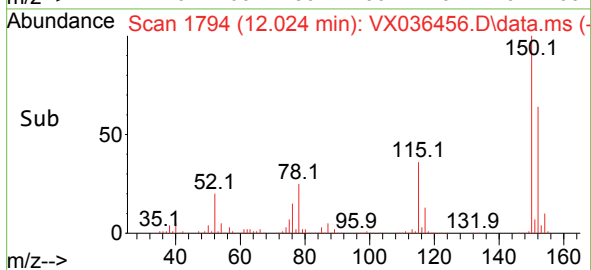
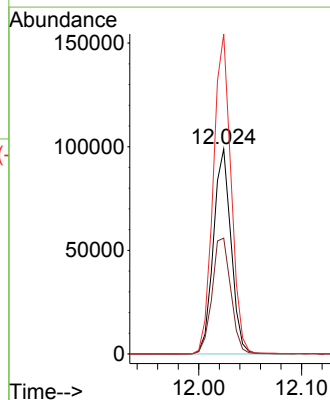
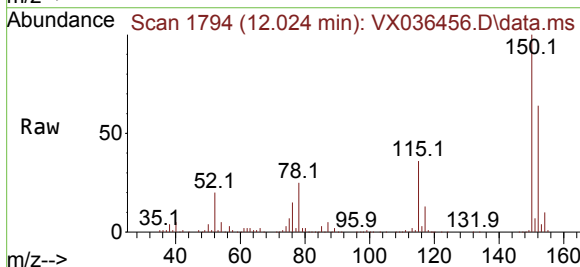
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

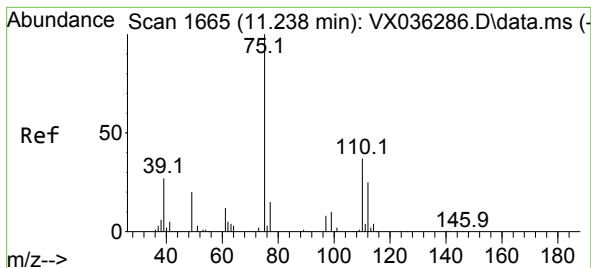
Tgt Ion:	117	Resp:	268499
Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.2	69.4
119	31.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036456.D
Acq: 07 Jul 2023 13:29

Tgt Ion:	152	Resp:	117966
Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.3	129.9
150	157.6	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 25.650 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX036456.D

Acq: 07 Jul 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

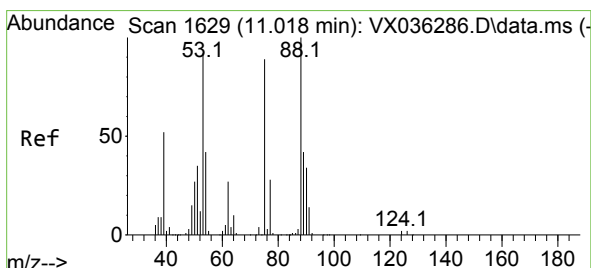
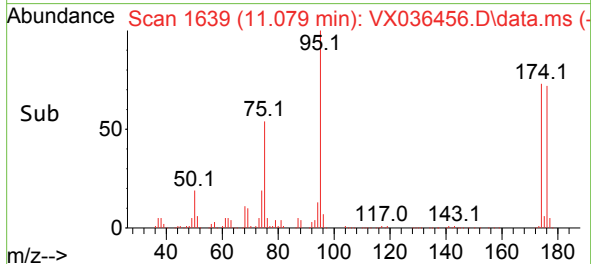
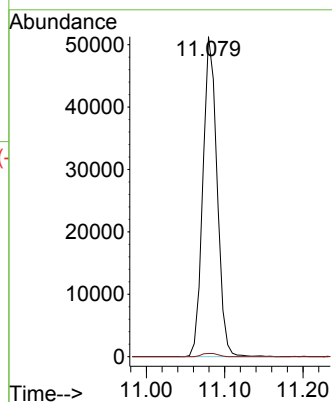
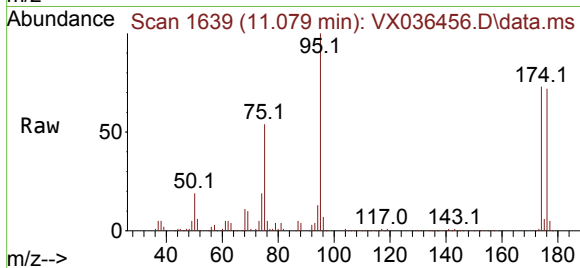
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 64543

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.614 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036456.D

Acq: 07 Jul 2023 13:29

Tgt Ion: 75 Resp: 64543

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

