

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035564.D
 Acq On : 08 May 2023 16:47
 Operator : JC/MD
 Sample : 02656-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 09 03:45:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	238193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	389795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166880	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144111	50.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.300%	
35) Dibromofluoromethane	5.385	113	121287	50.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.400%	
50) Toluene-d8	8.647	98	454371	50.345	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	11.079	95	175080	51.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.140%	

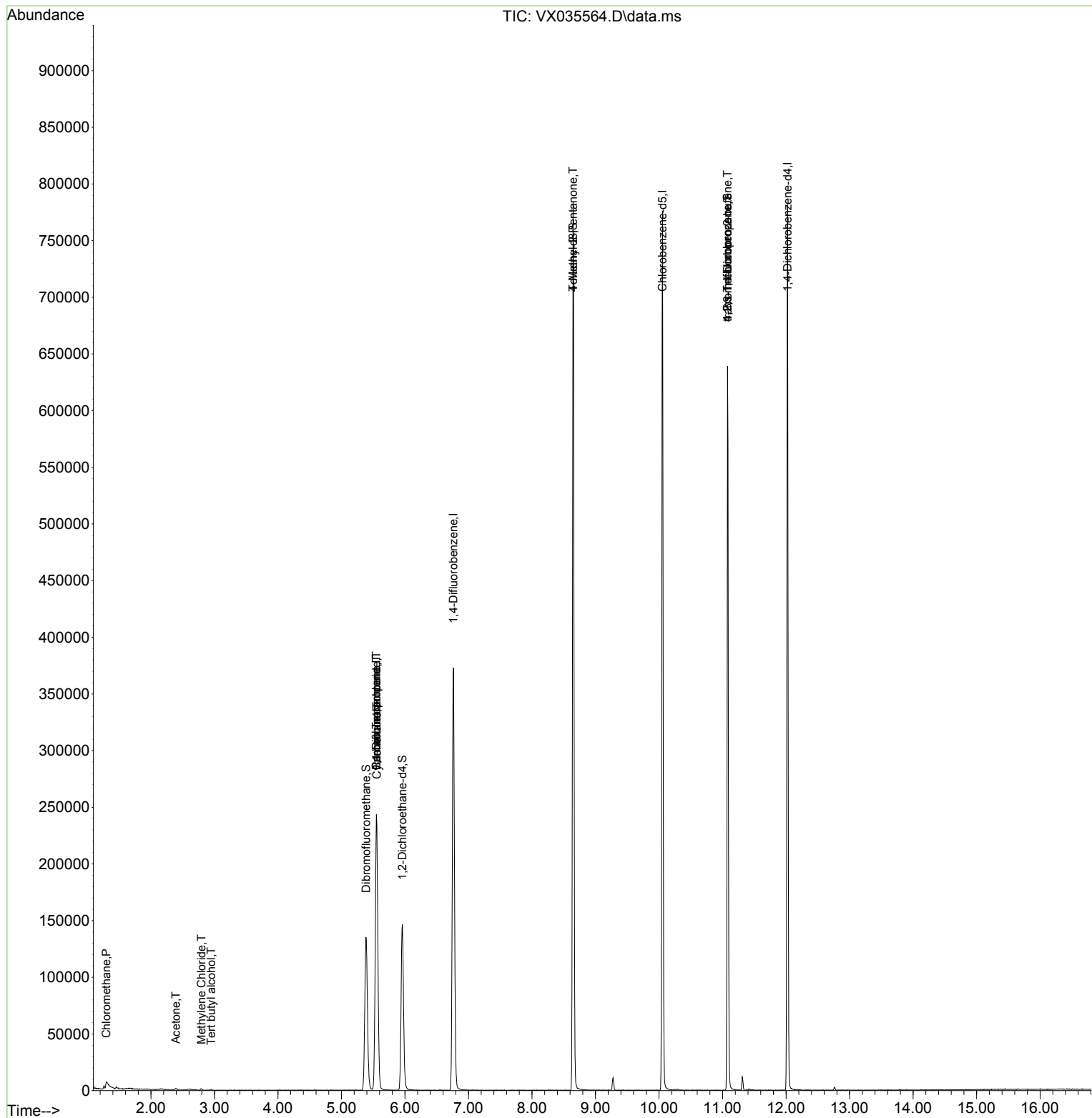
Target Compounds				Qvalue		
3) Chloromethane	1.294	50	643	0.280	ug/l #	83
11) Tert butyl alcohol	2.947	59	235	0.449	ug/l #	73
16) Acetone	2.392	43	1764	1.413	ug/l #	85
20) Methylene Chloride	2.794	84	679	0.237	ug/l #	59
31) Cyclohexane	5.556	56	4485	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17055	4.565	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23663	6.673	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1787	0.507	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86439	25.966	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	86439	84.100	ug/l #	8

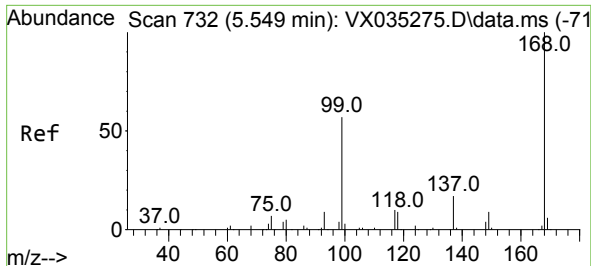
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

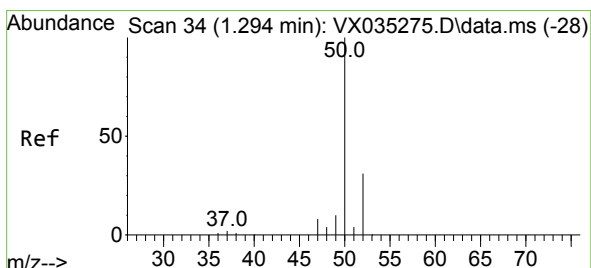
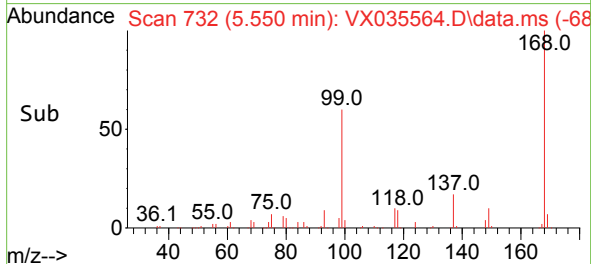
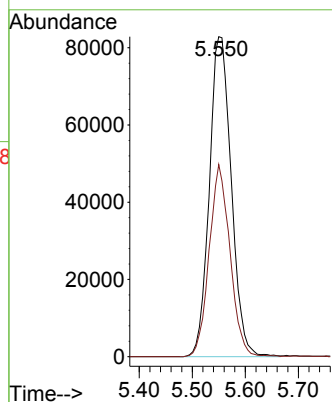
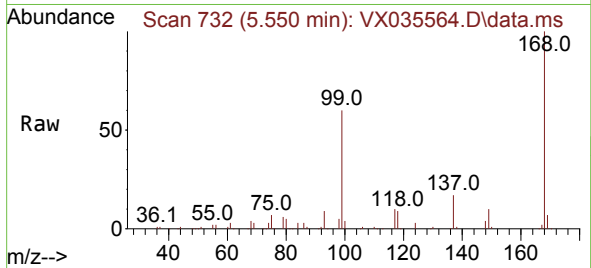




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

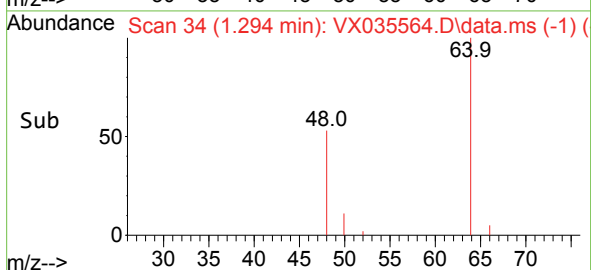
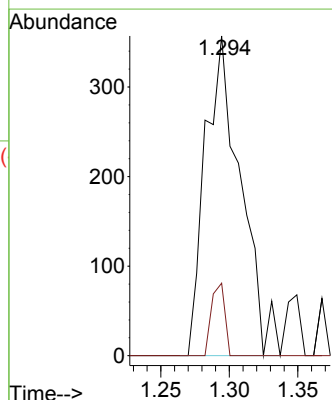
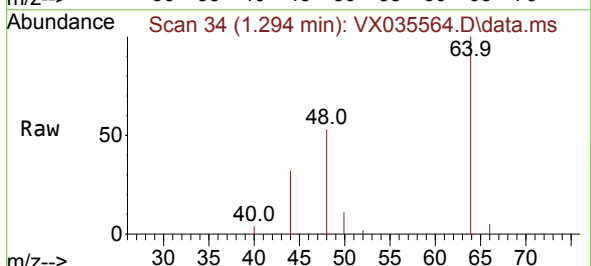
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

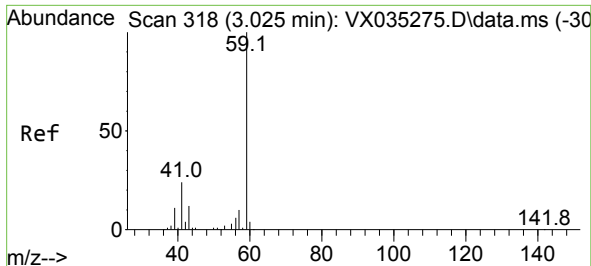
Tgt Ion:168 Resp: 238193
Ion Ratio Lower Upper
168 100
99 60.0 45.7 68.5



#3
Chloromethane
Concen: 0.280 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

Tgt Ion: 50 Resp: 643
Ion Ratio Lower Upper
50 100
52 22.7 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.449 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.078 min

Lab File: VX035564.D

Acq: 08 May 2023 16:47

Instrument :

MSVOA_X

ClientSampleId :

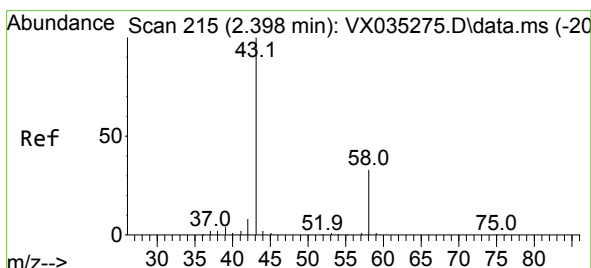
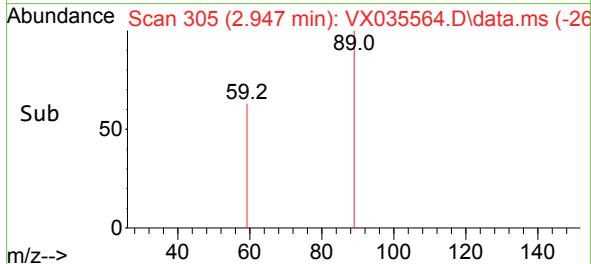
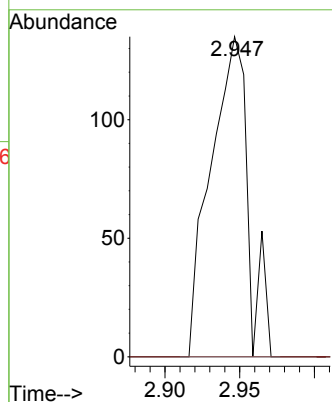
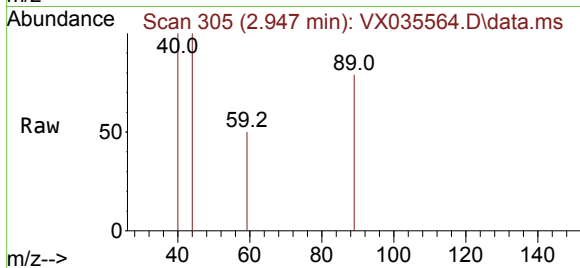
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 59 Resp: 235

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.413 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035564.D

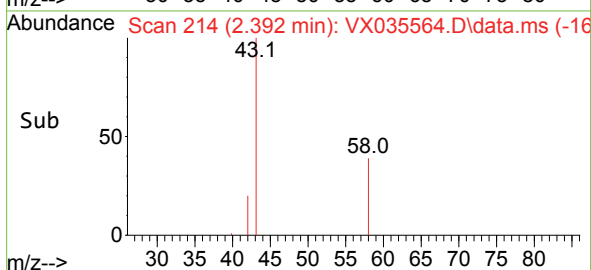
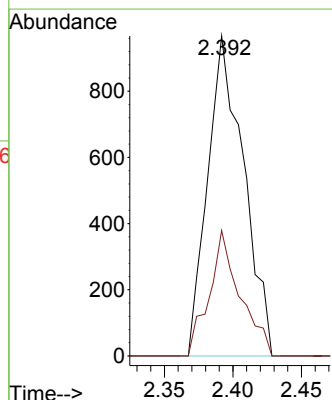
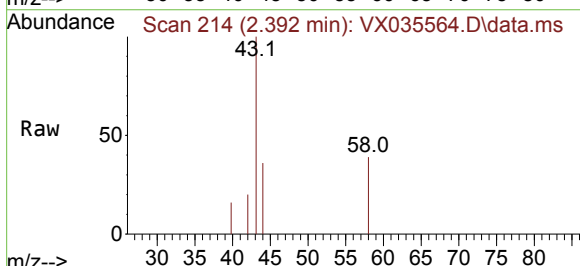
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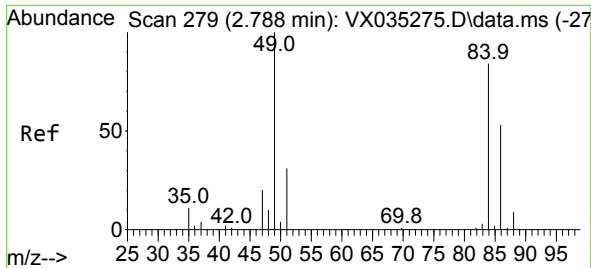
Tgt Ion: 43 Resp: 1764

Ion Ratio Lower Upper

43 100

58 39.2 24.7 37.1#

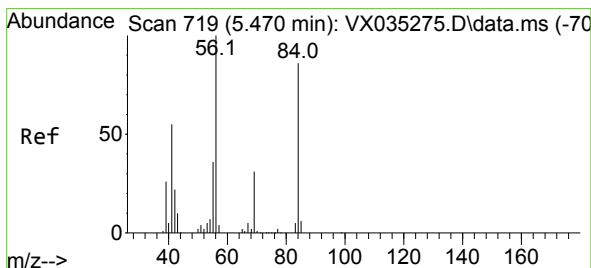
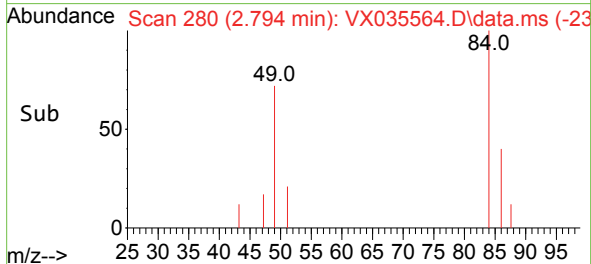
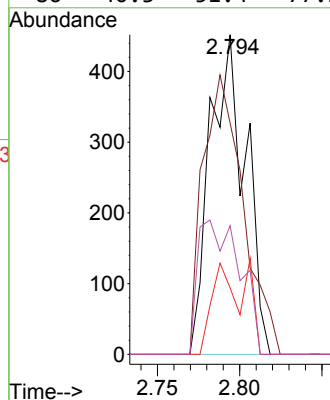
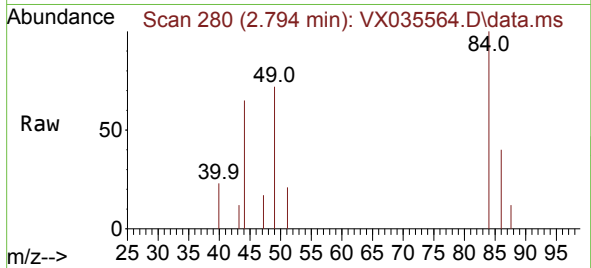




#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

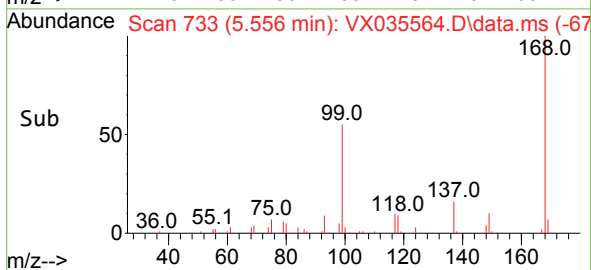
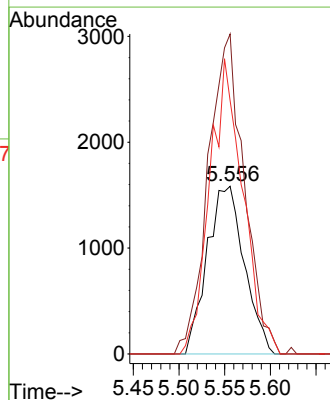
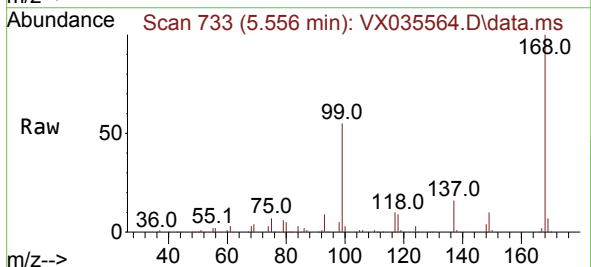
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

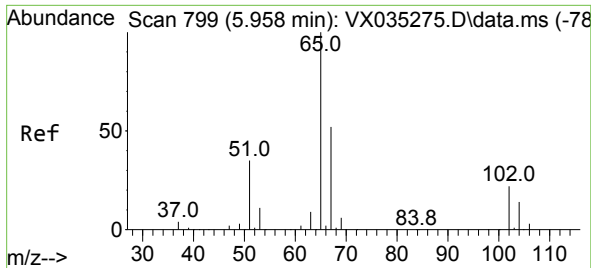
Tgt Ion:	84	Resp:	679
Ion	Ratio	Lower	Upper
84	100		
49	72.3	103.8	155.8#
51	20.8	31.8	47.8#
86	40.3	51.4	77.2#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

Tgt Ion:	56	Resp:	4485
Ion	Ratio	Lower	Upper
56	100		
69	190.8	23.7	35.5#
84	151.0	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 50.149 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035564.D

Acq: 08 May 2023 16:47

Instrument :

MSVOA_X

ClientSampleId :

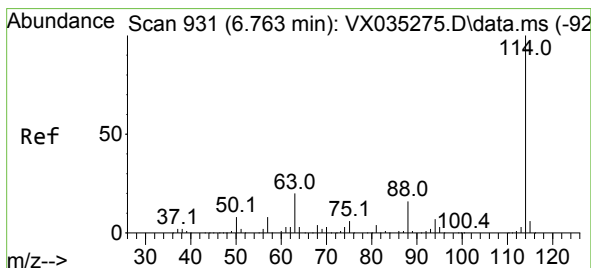
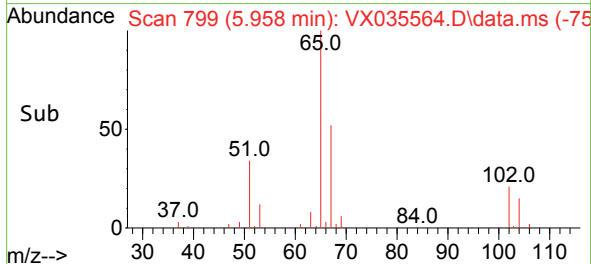
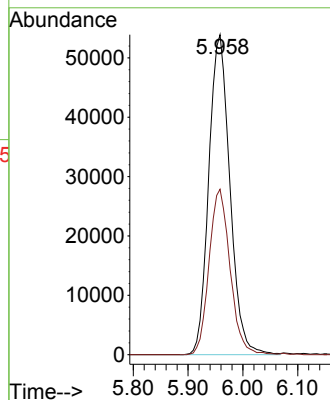
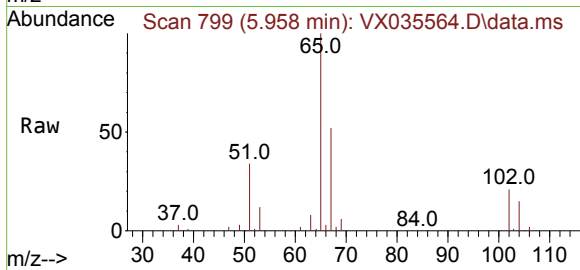
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 144111

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035564.D

Acq: 08 May 2023 16:47

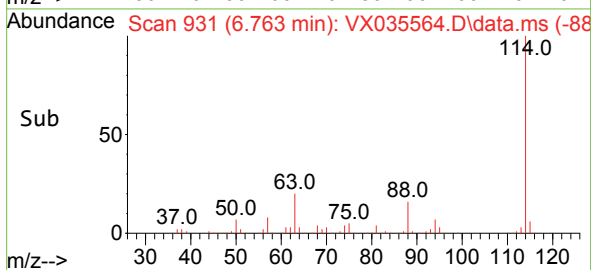
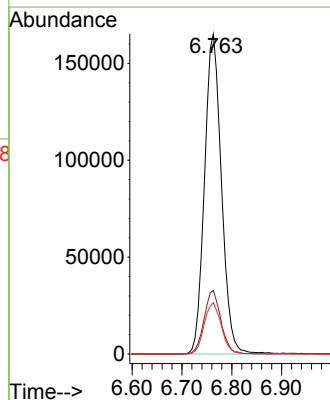
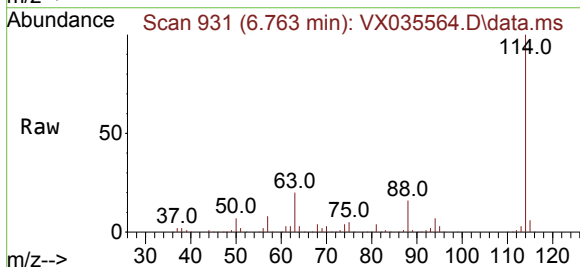
Tgt Ion: 114 Resp: 389795

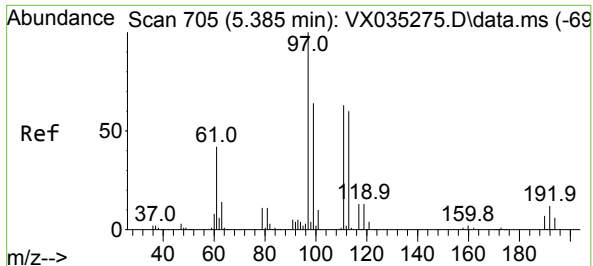
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.696 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035564.D

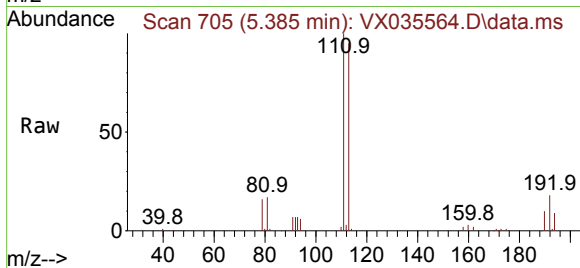
Acq: 08 May 2023 16:47

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



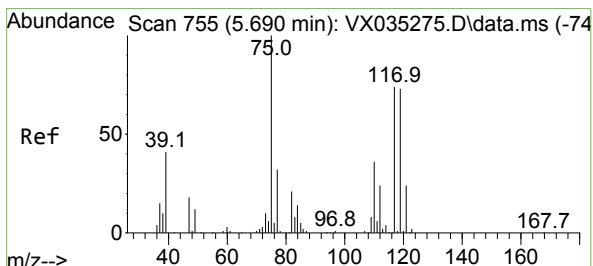
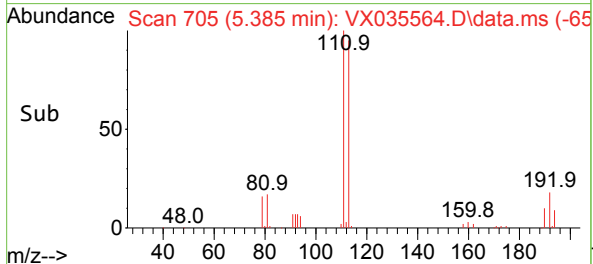
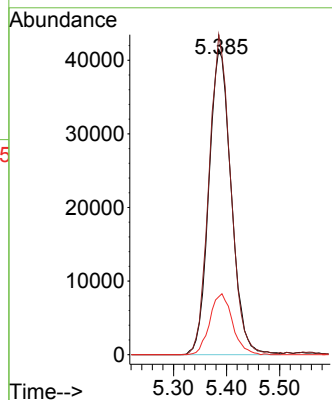
Tgt Ion:113 Resp: 121287

Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 20.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.565 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035564.D

Acq: 08 May 2023 16:47

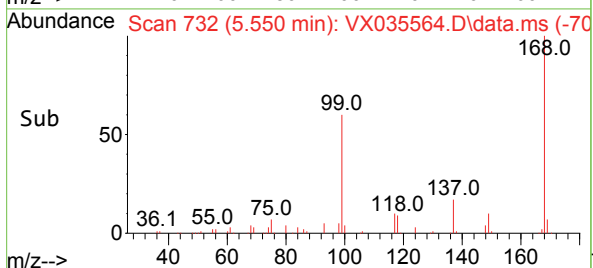
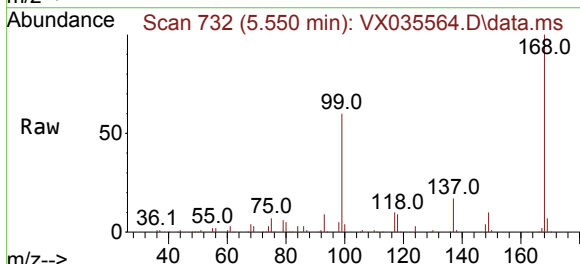
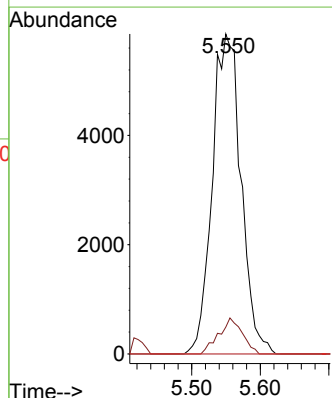
Tgt Ion: 75 Resp: 17055

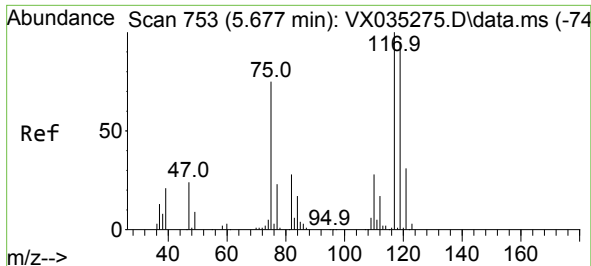
Ion Ratio Lower Upper

75 100

110 9.2 17.5 52.5#

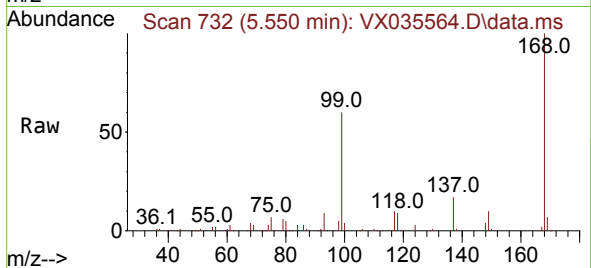
77 0.0 24.3 36.5#



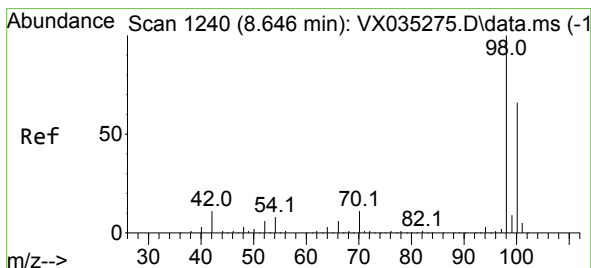
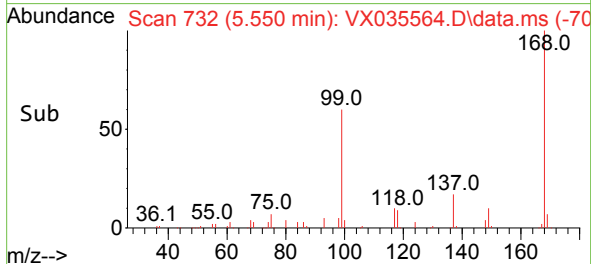
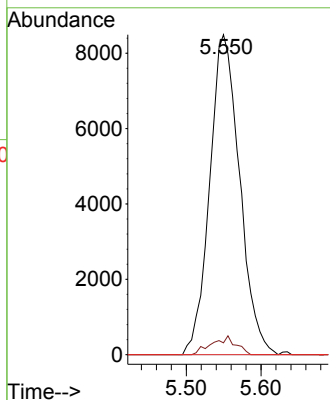


#38
Carbon Tetrachloride
Concen: 6.673 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

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

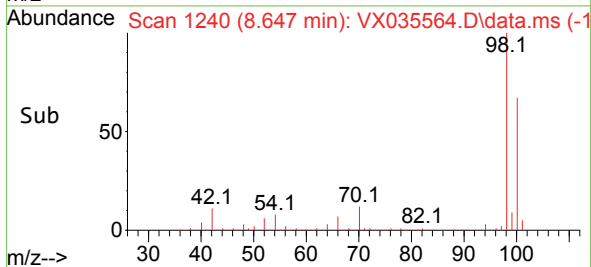
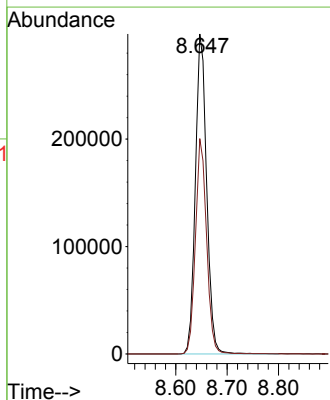
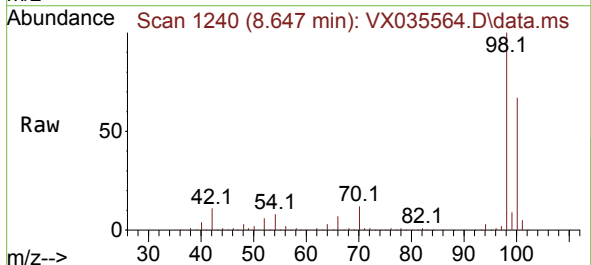


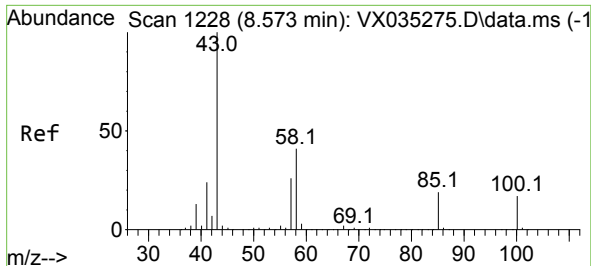
Tgt Ion:117 Resp: 23663
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.345 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

Tgt Ion: 98 Resp: 454371
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

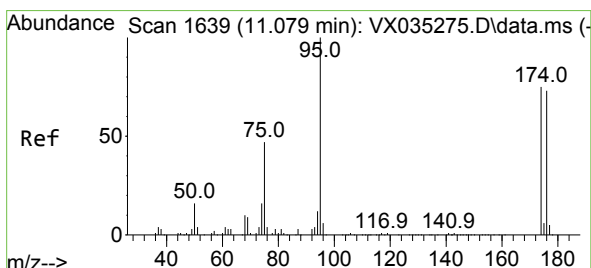
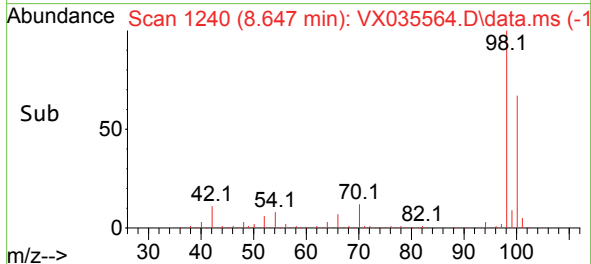
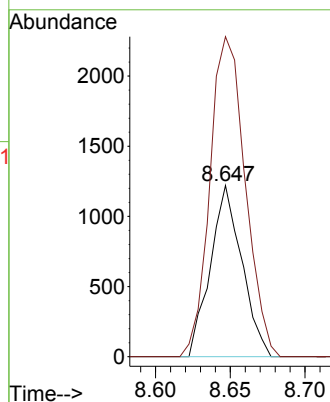
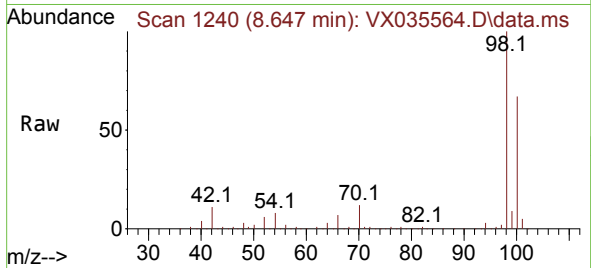




#51
4-Methyl-2-Pentanone
Concen: 0.507 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

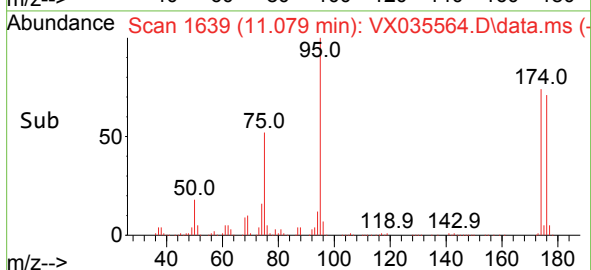
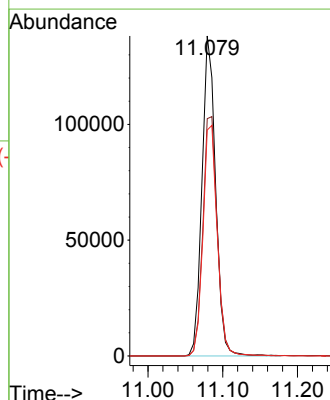
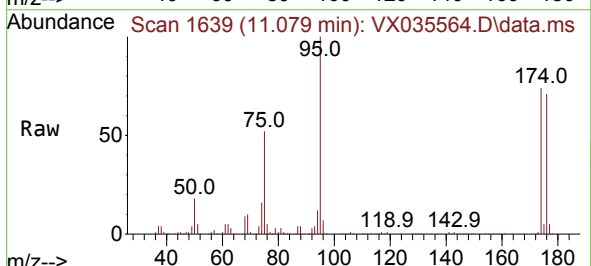
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

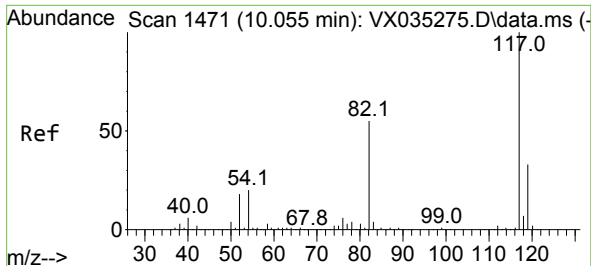
Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
58 210.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

Tgt Ion: 95 Resp: 175080
Ion Ratio Lower Upper
95 100
174 79.0 0.0 147.4
176 75.7 0.0 140.6

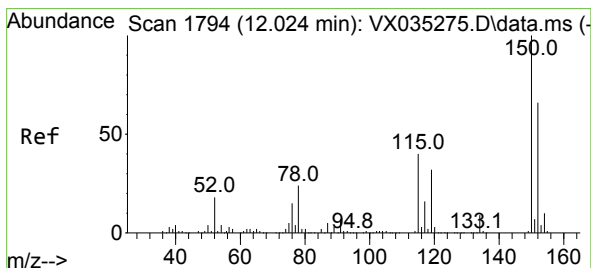
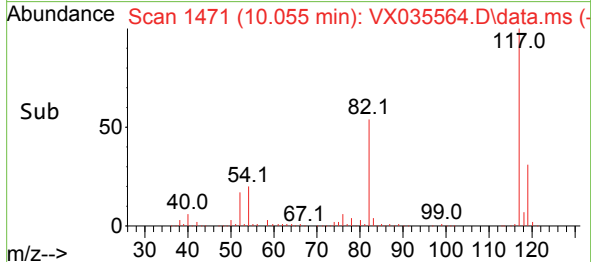
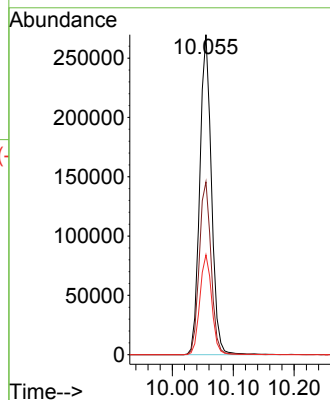
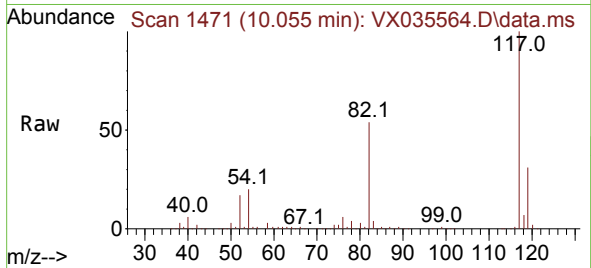




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

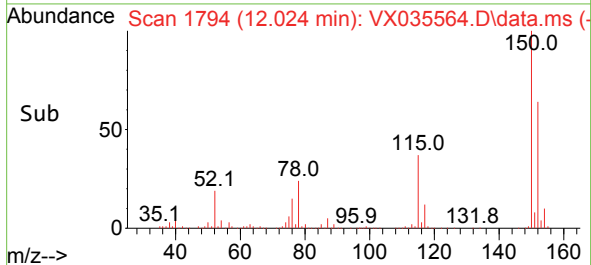
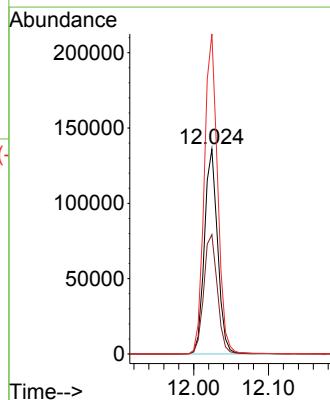
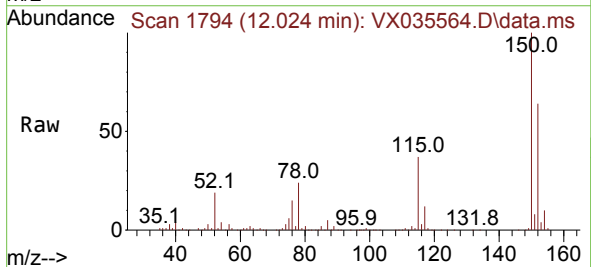
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

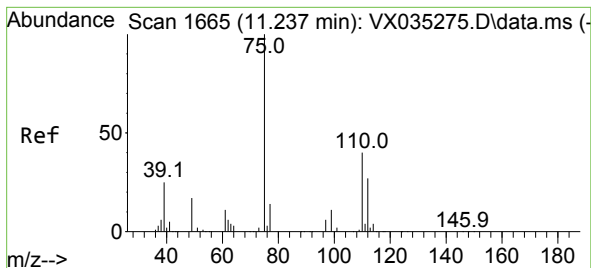
Tgt Ion:117 Resp: 358578
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 31.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035564.D
Acq: 08 May 2023 16:47

Tgt Ion:152 Resp: 166880
Ion Ratio Lower Upper
152 100
115 60.3 45.0 135.0
150 158.1 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.966 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX035564.D

Acq: 08 May 2023 16:47

Instrument :

MSVOA_X

ClientSampleId :

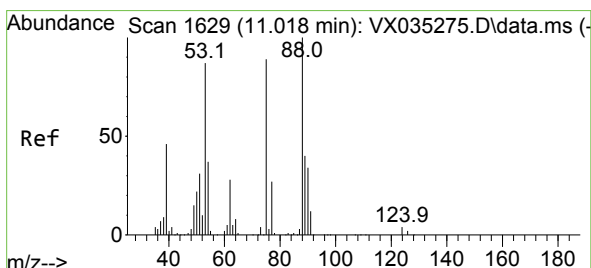
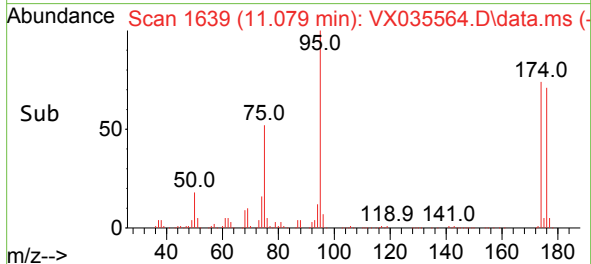
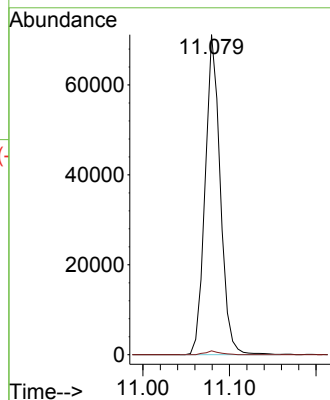
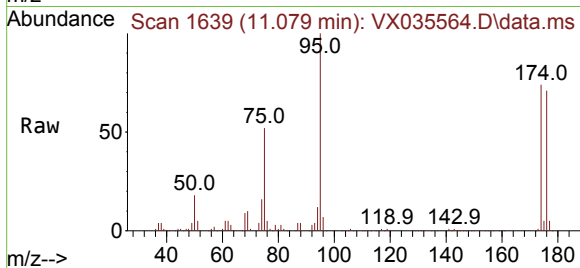
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 86439

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.100 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035564.D

Acq: 08 May 2023 16:47

Tgt Ion: 75 Resp: 86439

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

