

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036463.D
 Acq On : 07 Jul 2023 16:15
 Operator : JC/MD
 Sample : 03546-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1675

Quant Time: Jul 07 23:07:10 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)

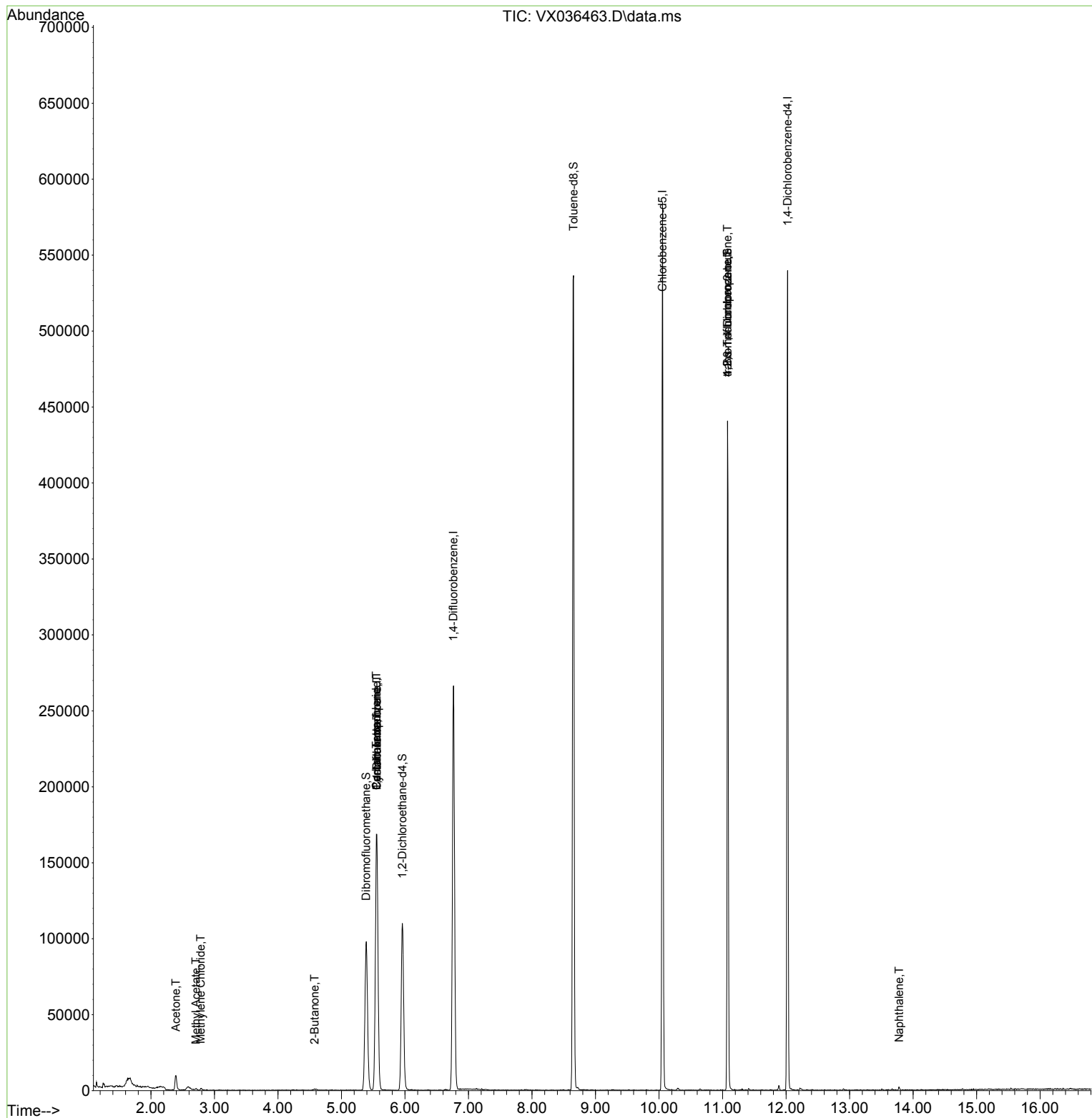
Internal Standards						
1) Pentafluorobenzene	5.556	168	159824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105544	46.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.140%		
35) Dibromofluoromethane	5.385	113	83759	46.999	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.000%		
50) Toluene-d8	8.653	98	329390	49.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.980%		
62) 4-Bromofluorobenzene	11.079	95	113926	48.591	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.180%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	12247	12.507	ug/l	90
18) Methyl Acetate	2.709	43	1175	0.292	ug/l #	87
20) Methylene Chloride	2.782	84	496	0.235	ug/l #	77
25) 2-Butanone	4.574	43	476	0.338	ug/l #	51
31) Cyclohexane	5.556	56	3648	1.243	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	12617	4.749	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16946	6.984	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	59929	25.951	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59929	84.592	ug/l #	5
95) Naphthalene	13.780	128	1562	0.211	ug/l #	93

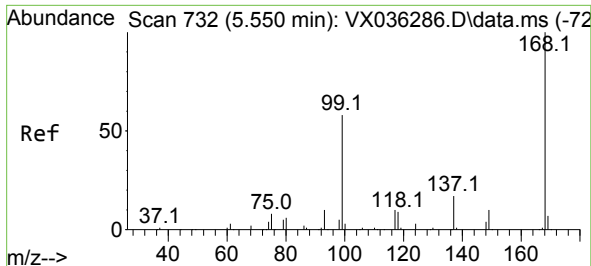
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

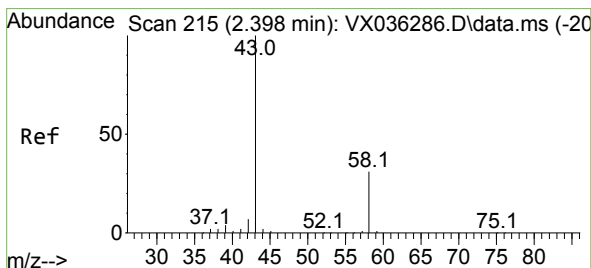
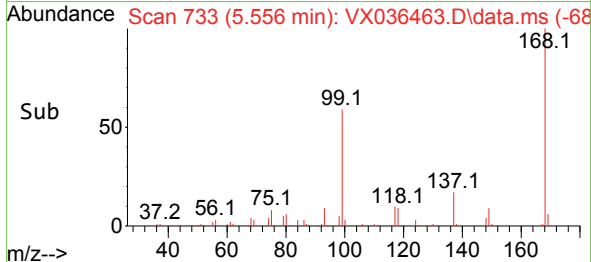
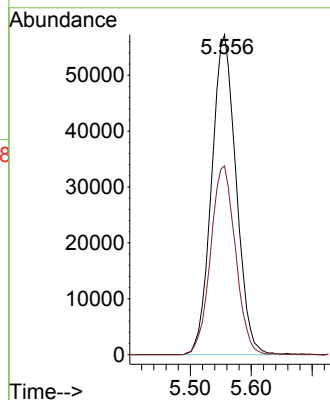
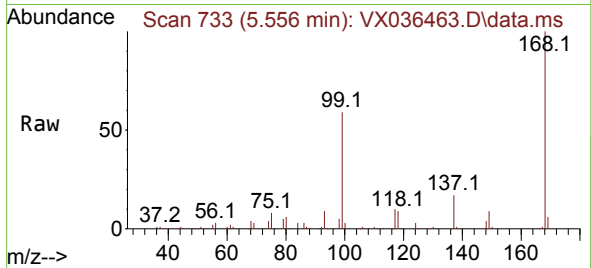




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

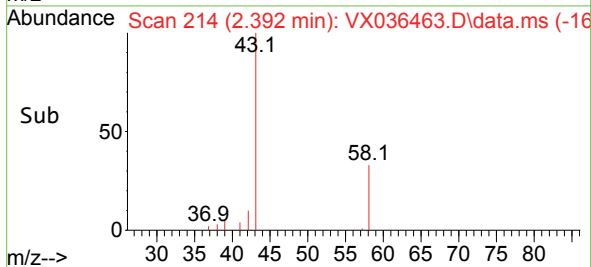
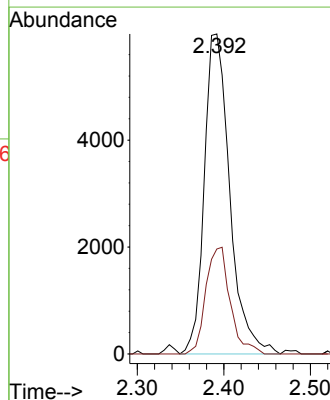
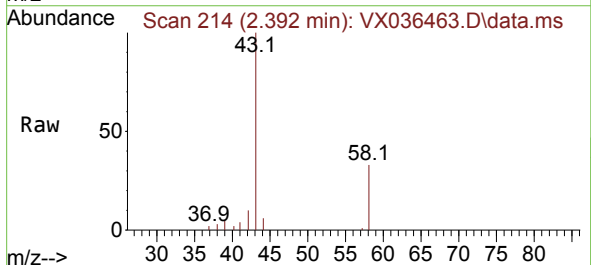
Instrument :
MSVOA_X
ClientSampleId :
1675

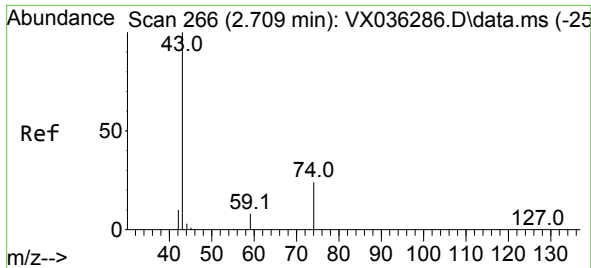
Tgt Ion:168 Resp: 159824
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#16
Acetone
Concen: 12.507 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

Tgt Ion: 43 Resp: 12247
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9

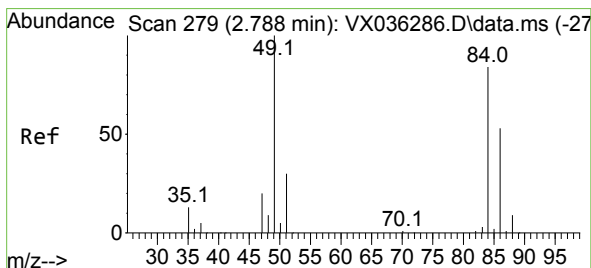
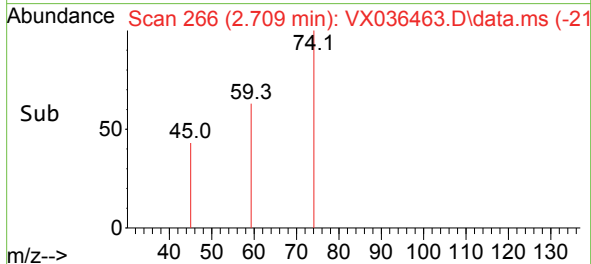
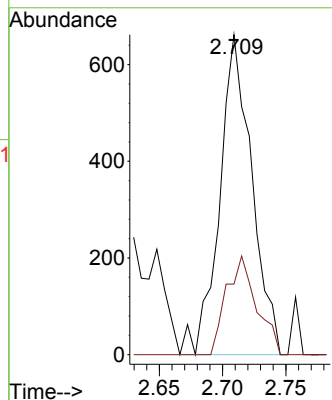
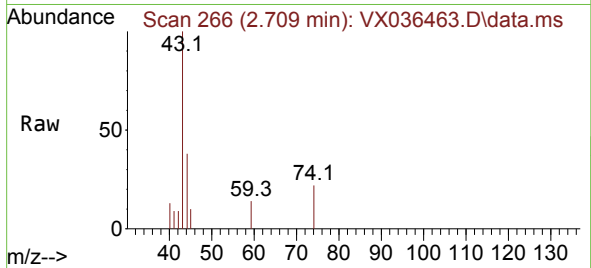




#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

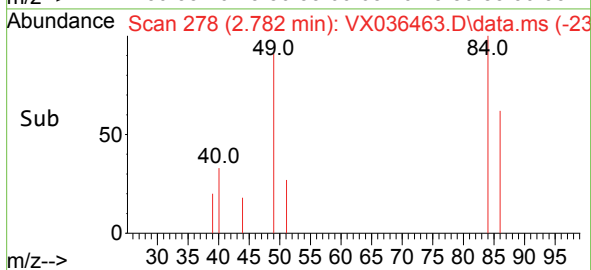
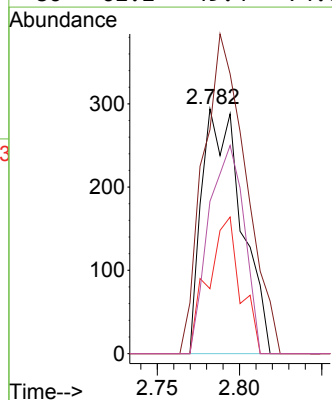
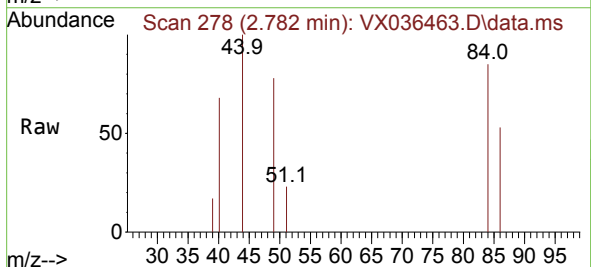
Instrument :
MSVOA_X
ClientSampleId :
1675

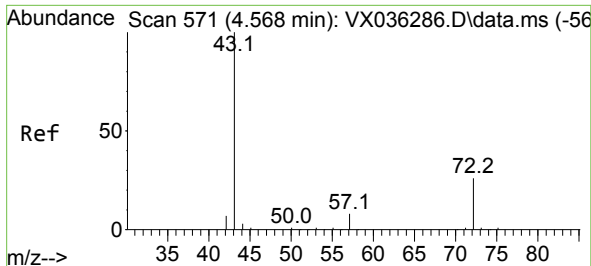
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
74 28.8 17.8 26.8#



#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

Tgt Ion: 84 Resp: 496
Ion Ratio Lower Upper
84 100
49 91.5 103.6 155.4#
51 26.5 33.8 50.6#
86 62.2 49.4 74.0

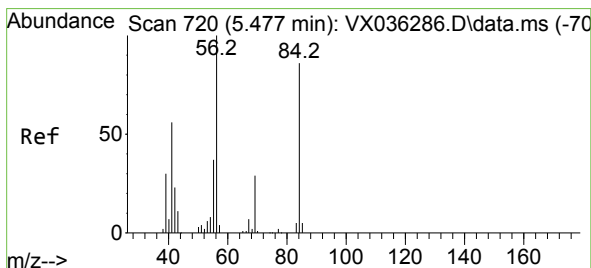
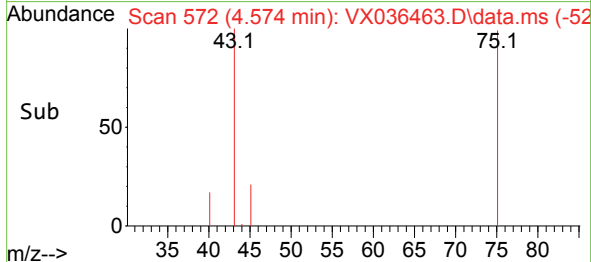
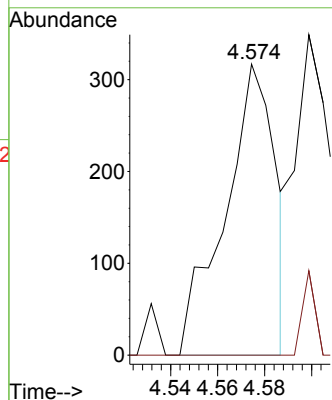
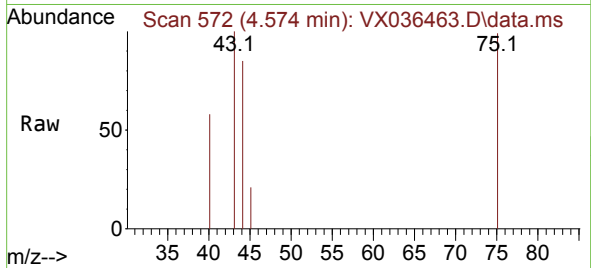




#25
2-Butanone
Concen: 0.338 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

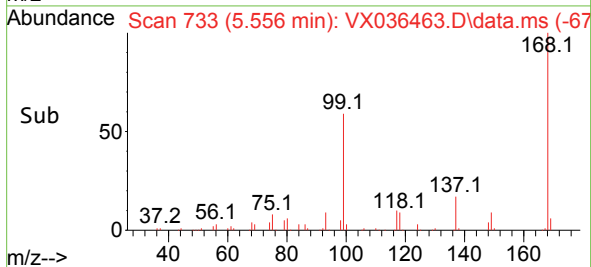
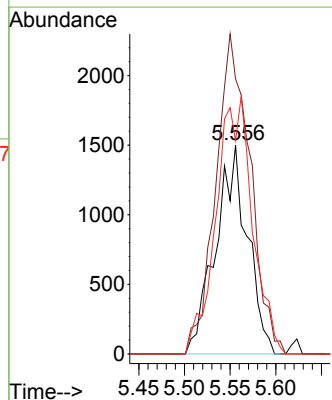
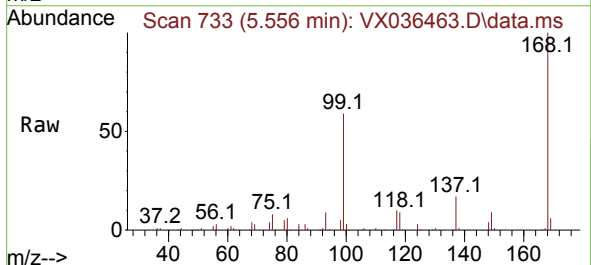
Instrument :
MSVOA_X
ClientSampleId :
1675

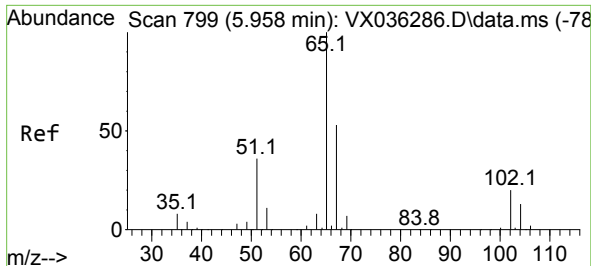
Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

Tgt Ion: 56 Resp: 3648
Ion Ratio Lower Upper
56 100
69 131.7 23.4 35.2#
84 102.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.070 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036463.D

Acq: 07 Jul 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

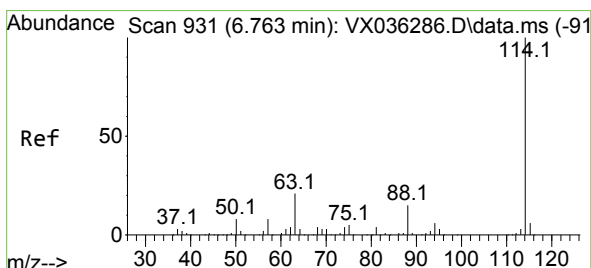
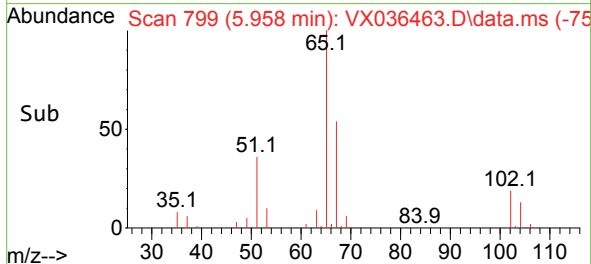
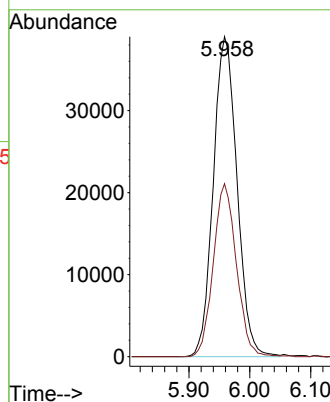
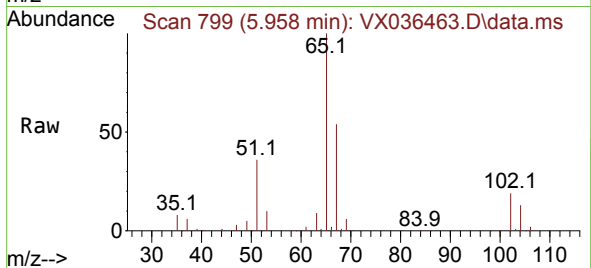
1675

Tgt Ion: 65 Resp: 105544

Ion Ratio Lower Upper

65 100

67 52.7 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: VX036463.D

Acq: 07 Jul 2023 16:15

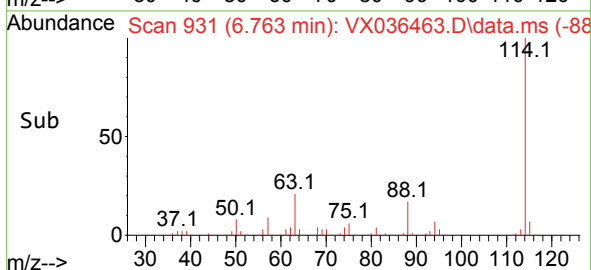
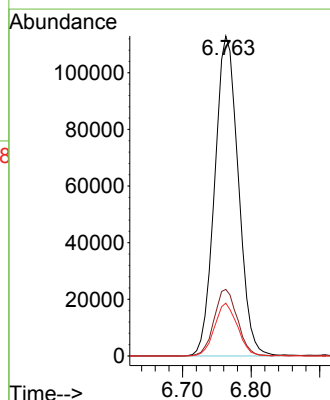
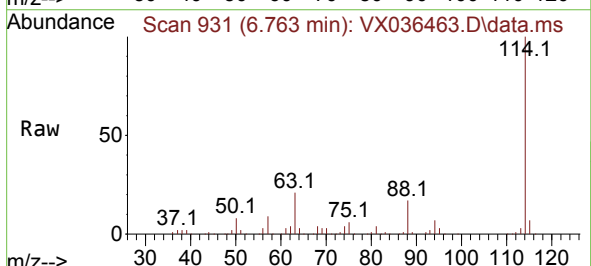
Tgt Ion: 114 Resp: 270281

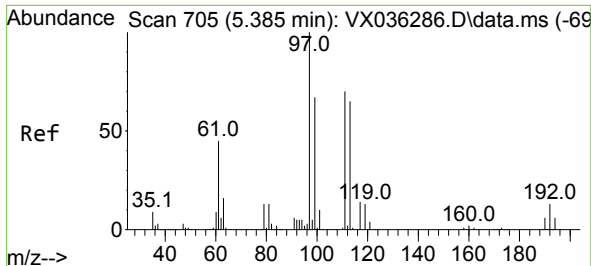
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.5 0.0 36.6

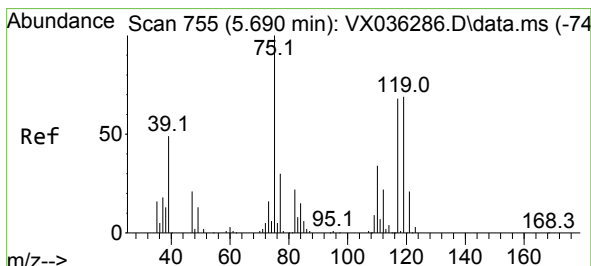
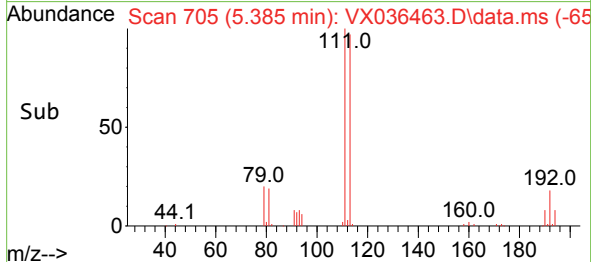
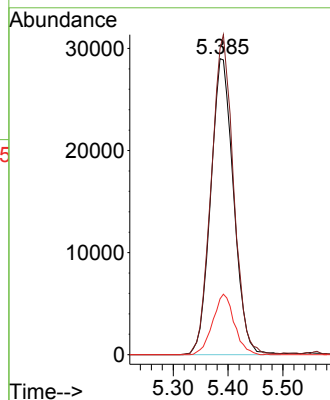
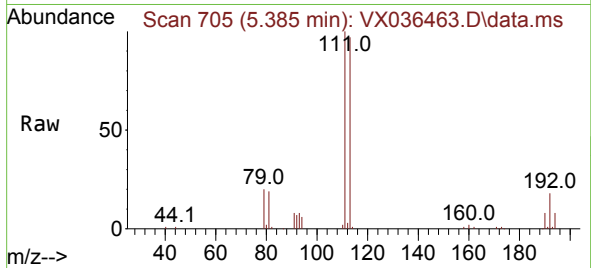




#35
Dibromofluoromethane
Concen: 46.999 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

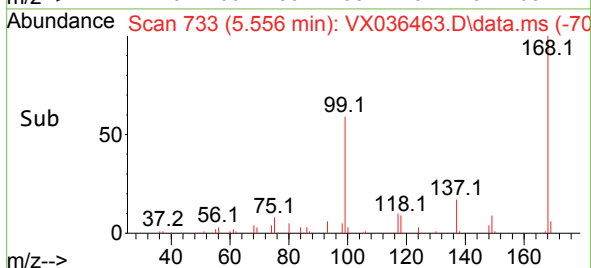
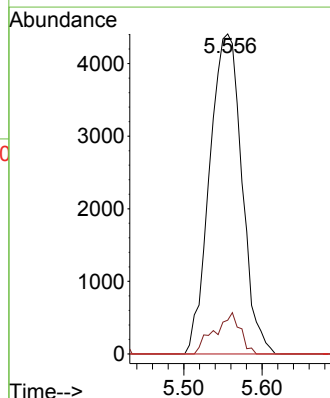
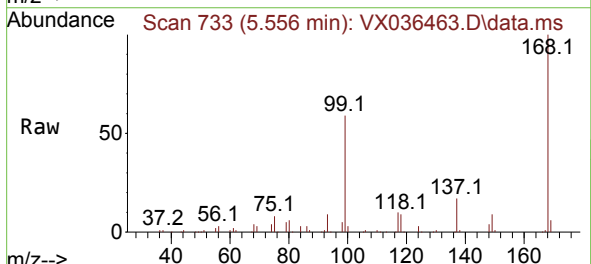
Instrument :
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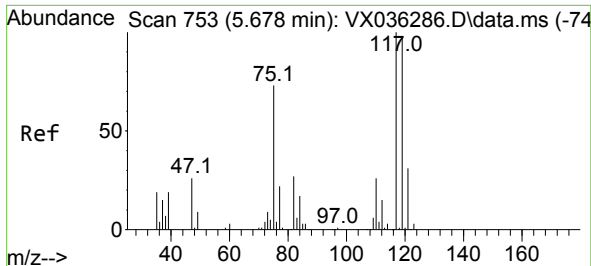
Tgt Ion:113 Resp: 83759
Ion Ratio Lower Upper
113 100
111 105.4 82.9 124.3
192 19.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.749 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

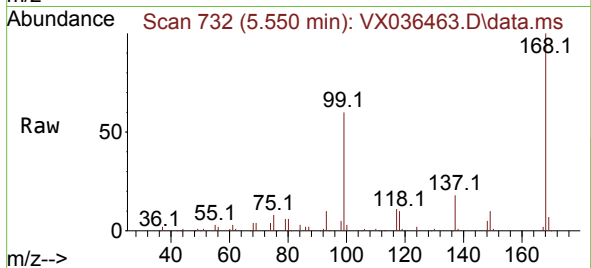
Tgt Ion: 75 Resp: 12617
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



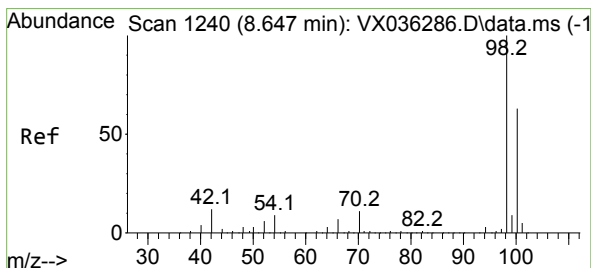
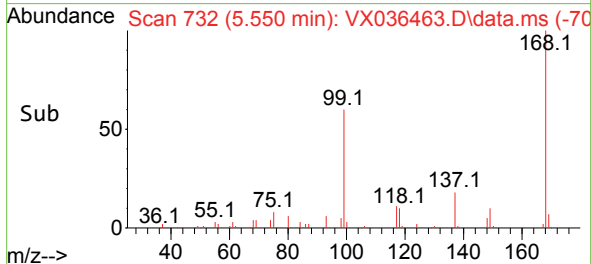
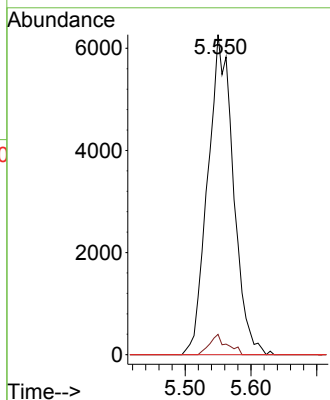


#38
Carbon Tetrachloride
Concen: 6.984 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

Instrument :
MSVOA_X
ClientSampleId :
1675

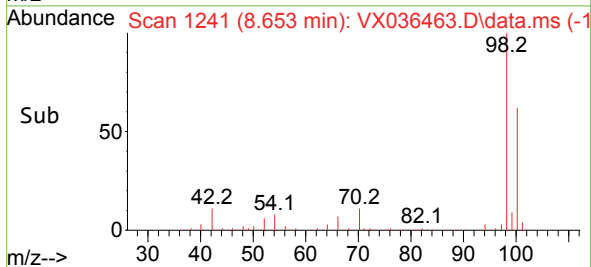
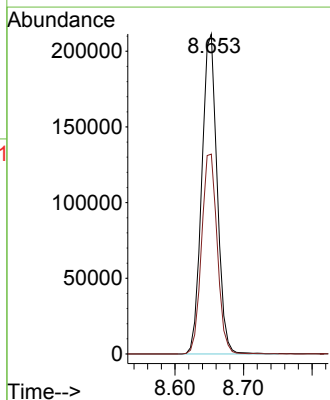
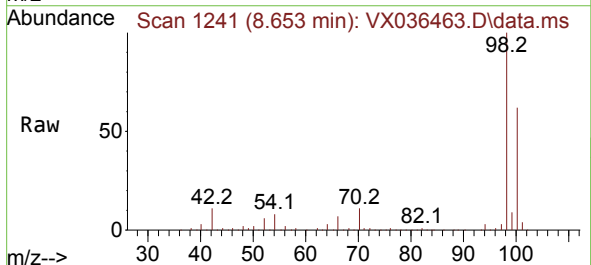


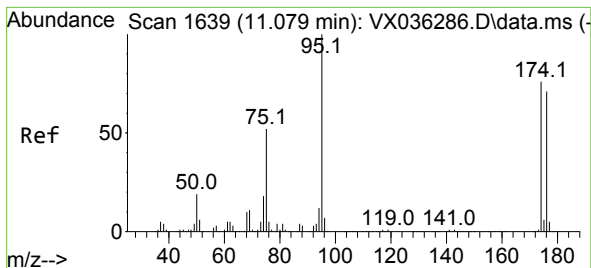
Tgt Ion:117 Resp: 16946
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.485 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

Tgt Ion: 98 Resp: 329390
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

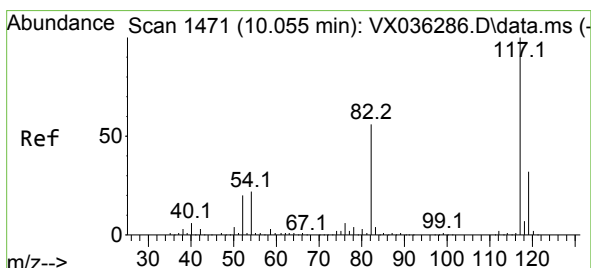
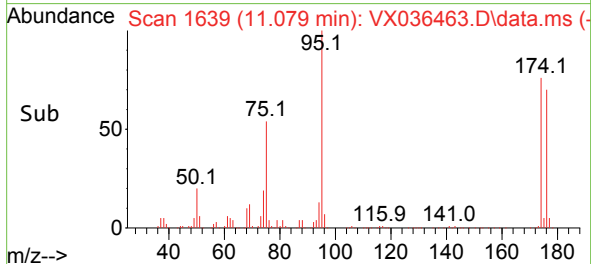
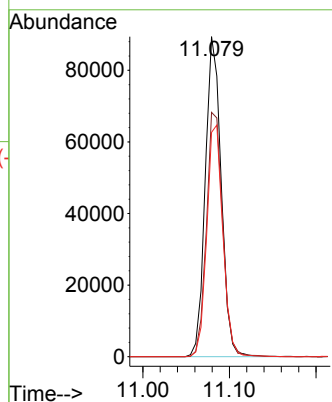
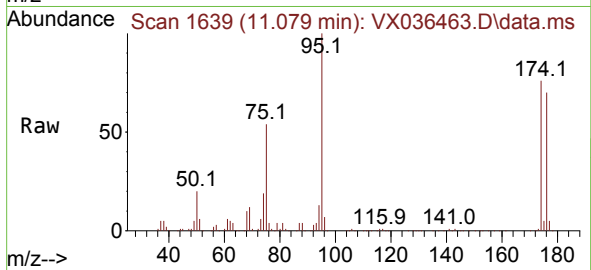




#62
4-Bromofluorobenzene
Concen: 48.591 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

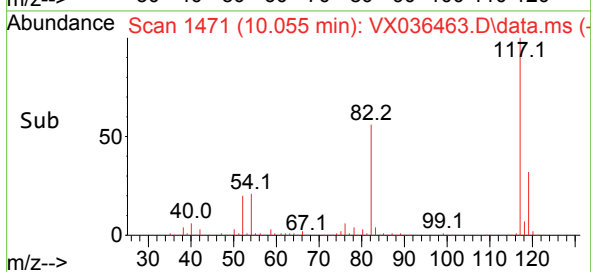
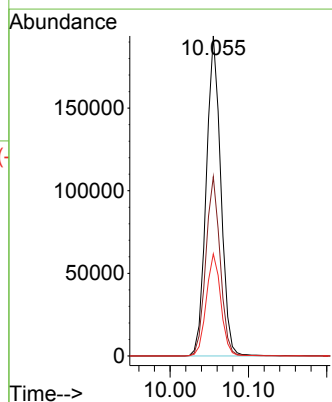
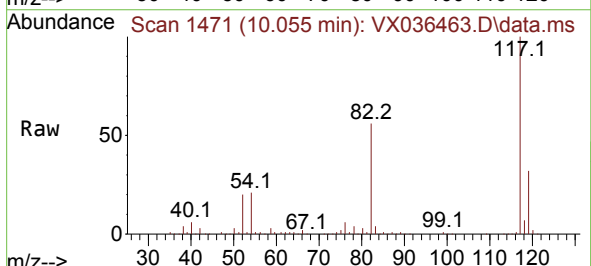
Instrument :
MSVOA_X
ClientSampleId :
1675

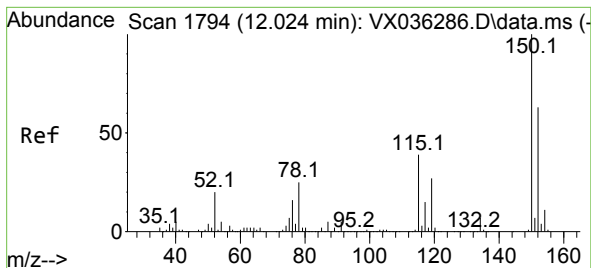
Tgt Ion: 95 Resp: 113926
Ion Ratio Lower Upper
95 100
174 78.3 0.0 135.6
176 73.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

Tgt Ion: 117 Resp: 248744
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036463.D

Acq: 07 Jul 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

1675

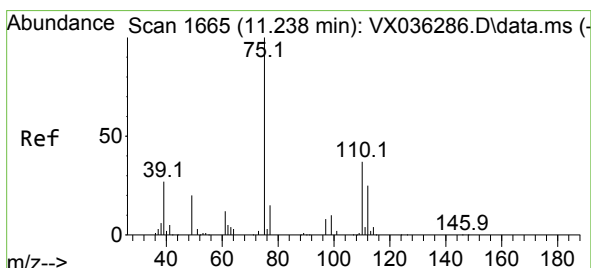
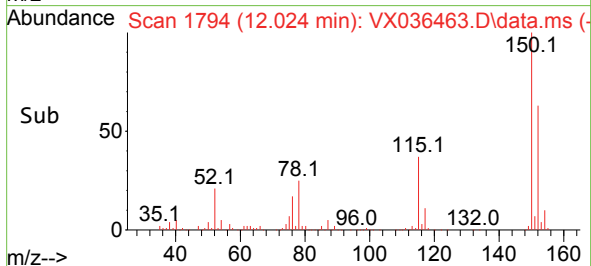
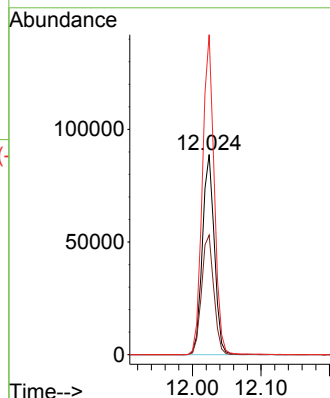
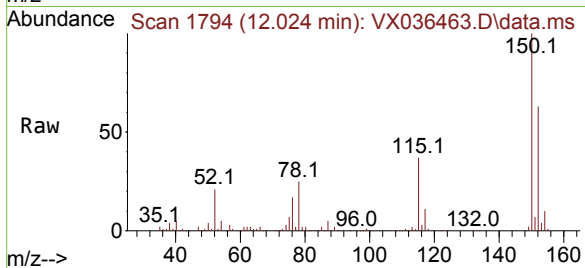
Tgt Ion:152 Resp: 108266

Ion Ratio Lower Upper

152 100

115 61.1 43.3 129.9

150 157.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.951 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036463.D

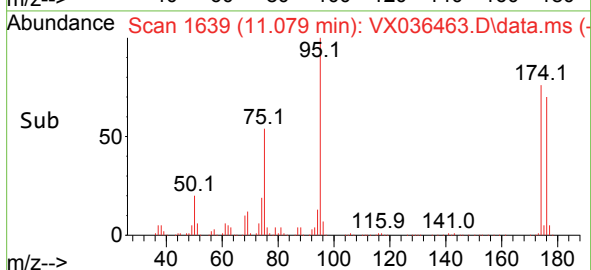
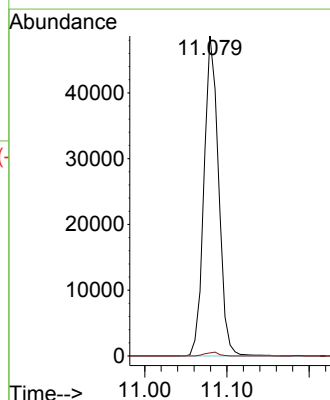
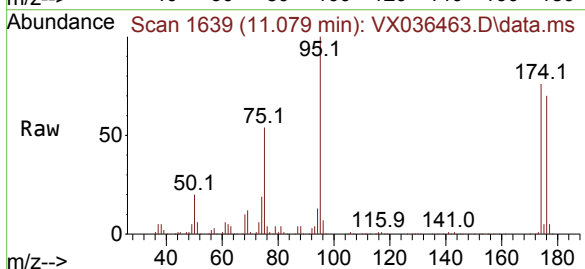
Acq: 07 Jul 2023 16:15

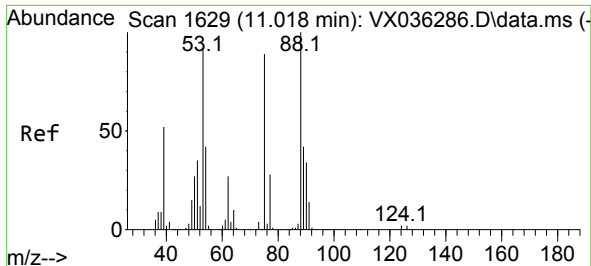
Tgt Ion: 75 Resp: 59929

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

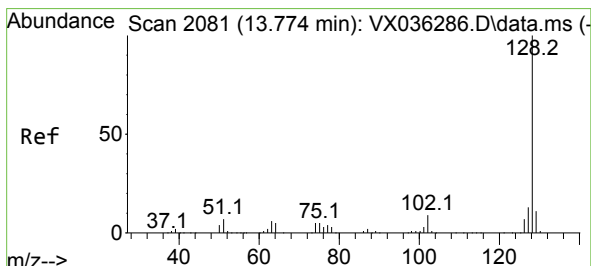
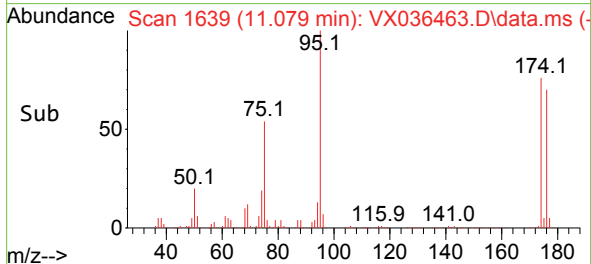
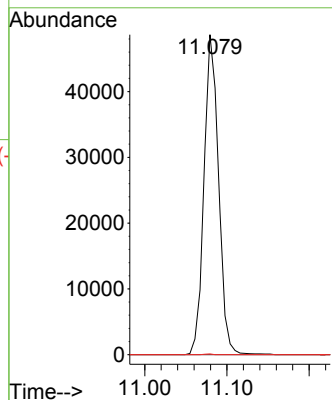
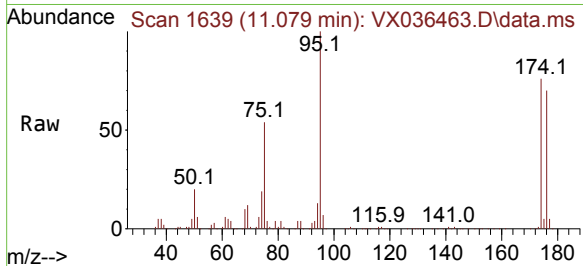




#81
trans-1,4-Dichloro-2-butene
Concen: 84.592 ug/l
RT: 11.079 min Scan# 1675
Delta R.T. 0.061 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

Instrument :
MSVOA_X
ClientSampleId :
1675

Tgt Ion: 75 Resp: 59929
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 0.211 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036463.D
Acq: 07 Jul 2023 16:15

Tgt Ion:128 Resp: 1562
Ion Ratio Lower Upper
128 100
127 8.5 10.3 15.5#
129 9.9 8.8 13.2

