

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036466.D
 Acq On : 07 Jul 2023 17:27
 Operator : JC/MD
 Sample : 03525-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50054

Quant Time: Jul 07 23:08:17 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)

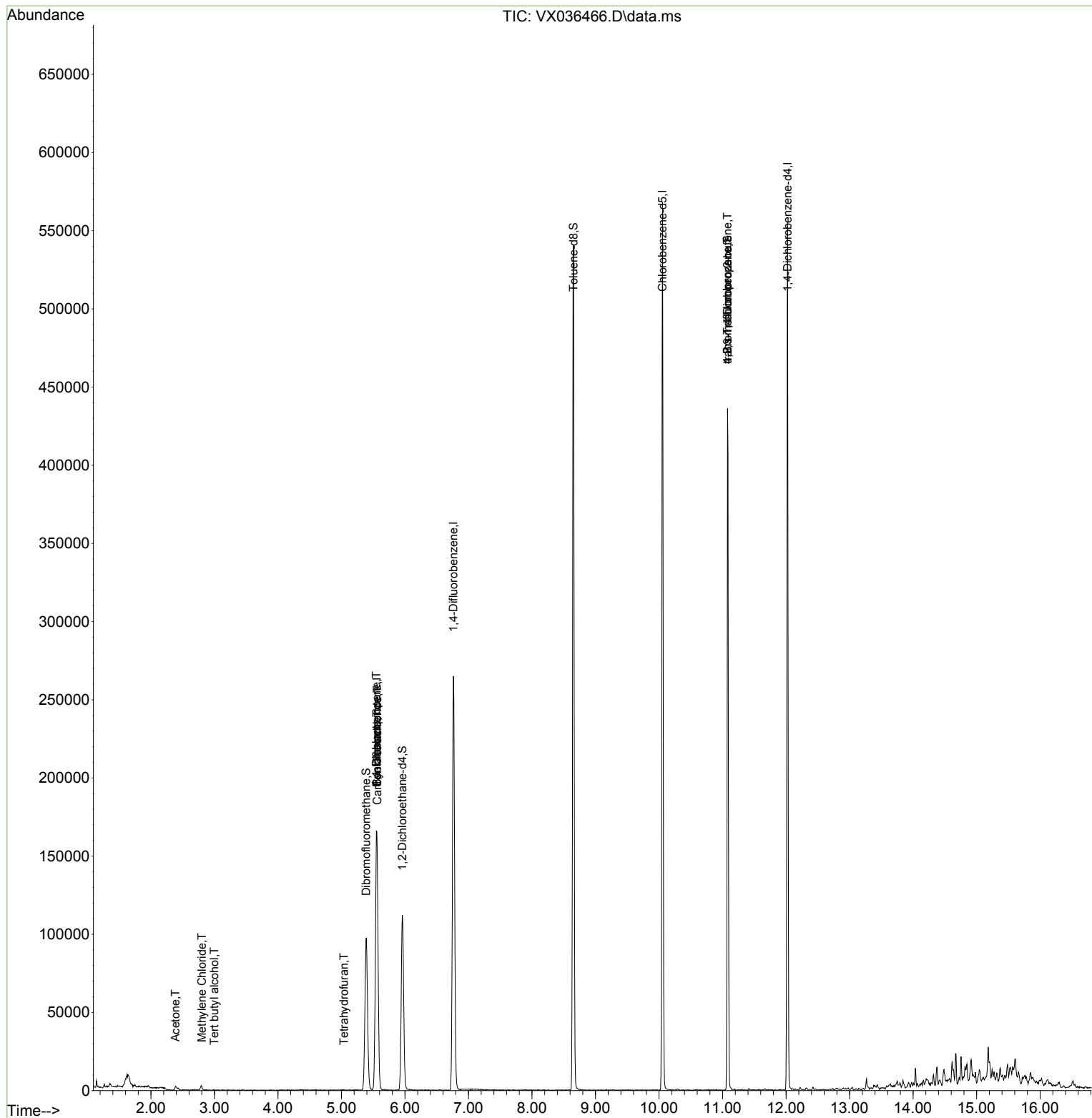
Internal Standards						
1) Pentafluorobenzene	5.556	168	158492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104057	45.802	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.600%		
35) Dibromofluoromethane	5.385	113	83604	46.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	8.653	98	329349	49.360	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.720%		
62) 4-Bromofluorobenzene	11.079	95	113957	48.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.980%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	195	0.472	ug/l #	78
16) Acetone	2.386	43	3028	3.118	ug/l #	84
20) Methylene Chloride	2.800	84	1412	0.675	ug/l #	70
29) Tetrahydrofuran	5.038	42	280	0.315	ug/l #	34
31) Cyclohexane	5.556	56	3251	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12454	4.677	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16384	6.737	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	60672	25.286	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60672	82.425	ug/l #	5

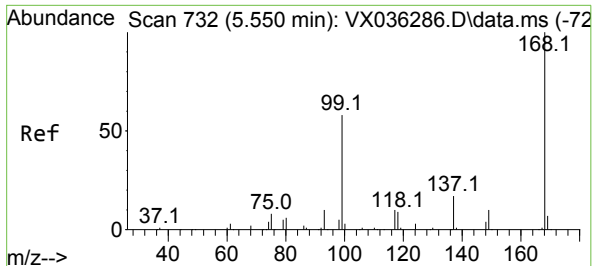
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

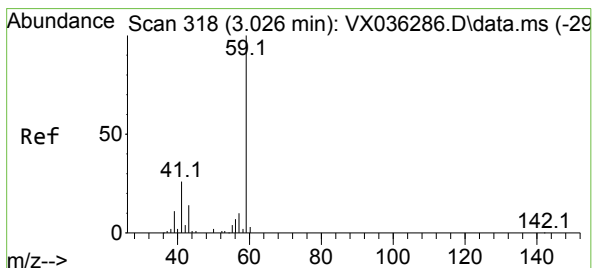
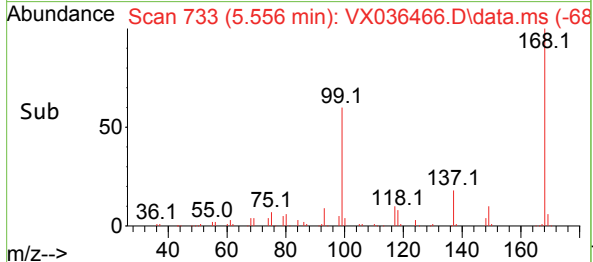
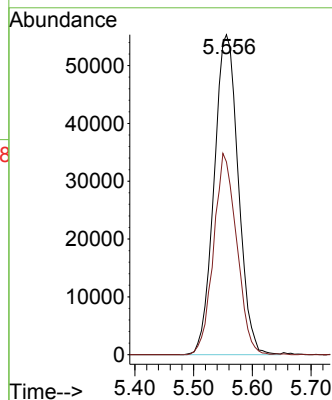
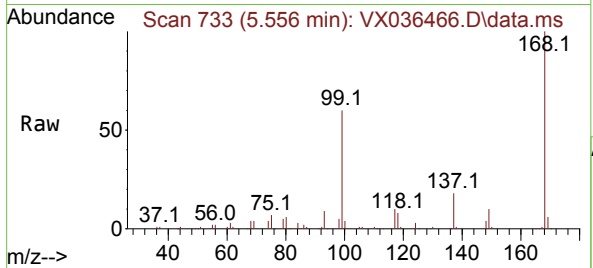




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

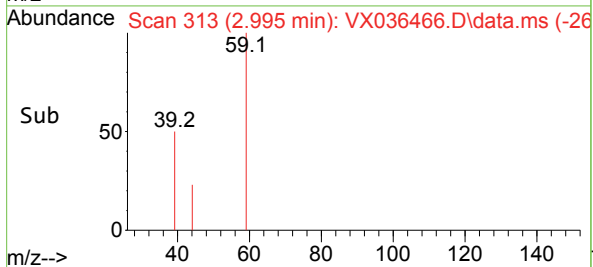
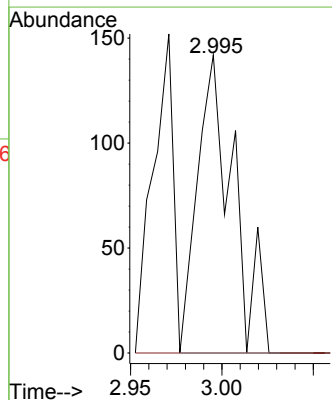
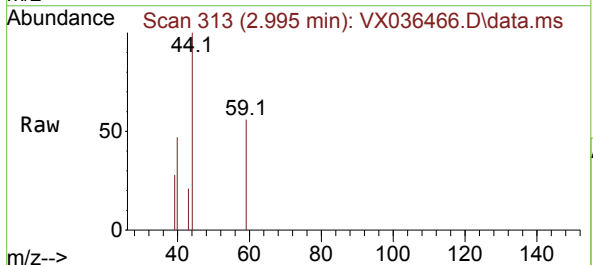
Instrument :
MSVOA_X
ClientSampleId :
50054

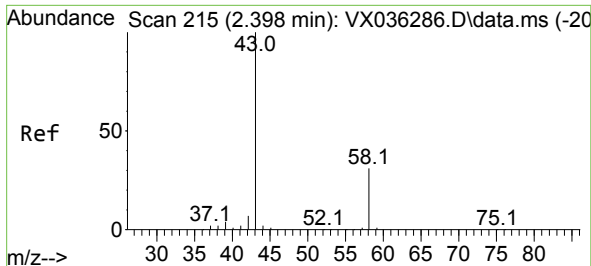
Tgt Ion:168 Resp: 158492
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.472 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 3.118 ug/l

RT: 2.386 min Scan# 21

Delta R.T. -0.018 min

Lab File: VX036466.D

Acq: 07 Jul 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

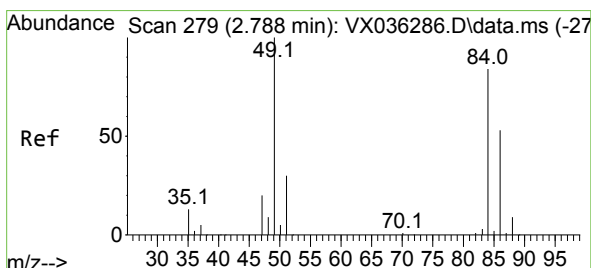
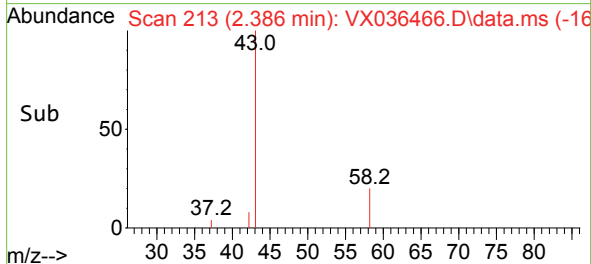
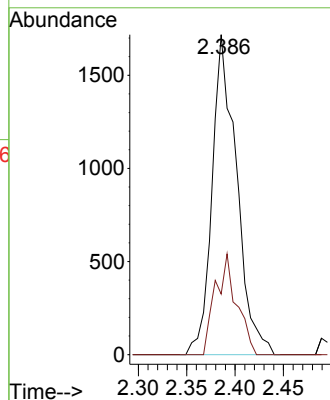
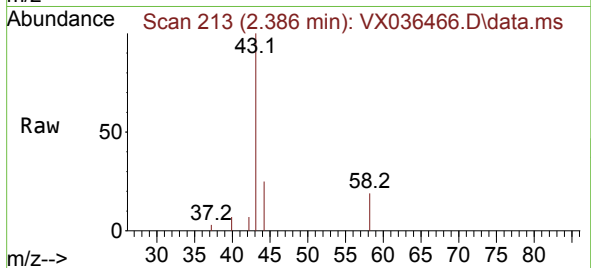
50054

Tgt Ion: 43 Resp: 3028

Ion Ratio Lower Upper

43 100

58 18.9 21.9 32.9#



#20

Methylene Chloride

Concen: 0.675 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX036466.D

Acq: 07 Jul 2023 17:27

Tgt Ion: 84 Resp: 1412

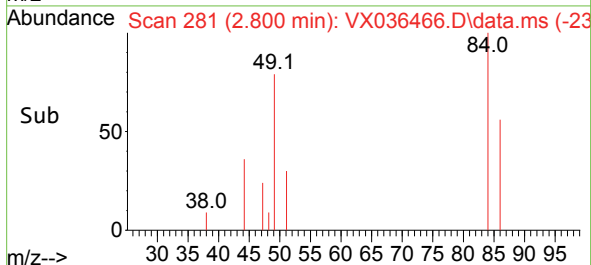
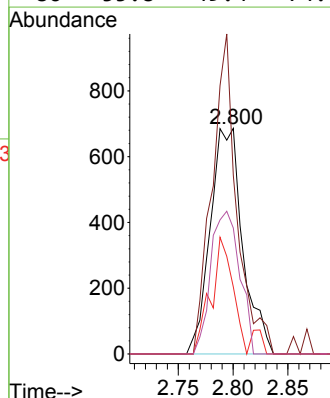
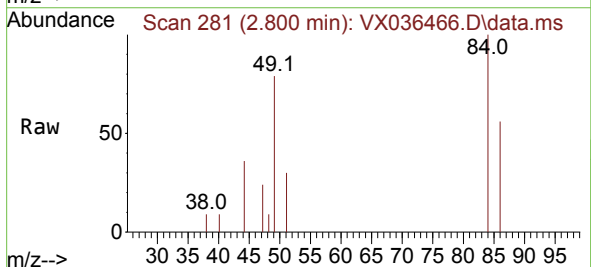
Ion Ratio Lower Upper

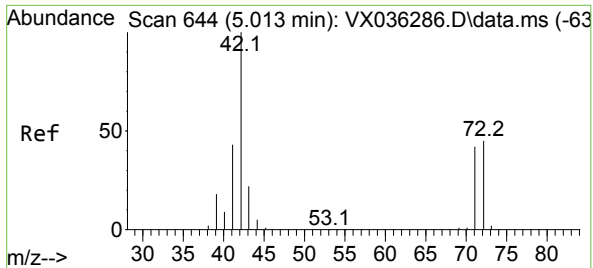
84 100

49 79.2 103.6 155.4#

51 29.7 33.8 50.6#

86 55.8 49.4 74.0

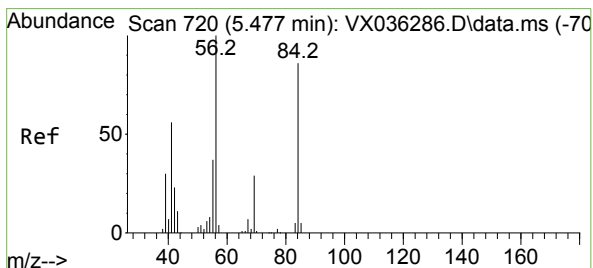
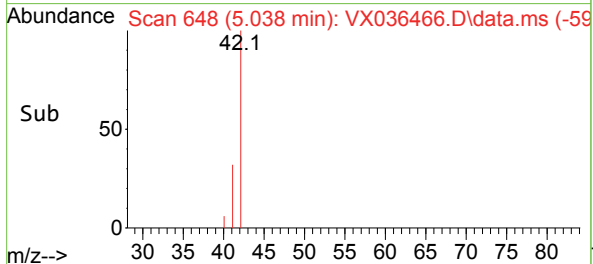
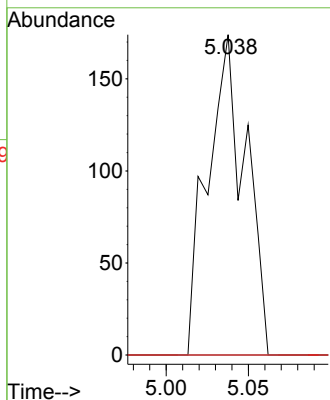
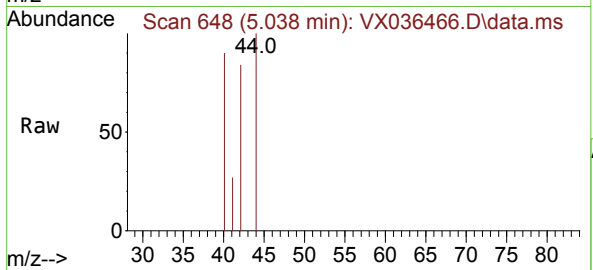




#29
Tetrahydrofuran
Concen: 0.315 ug/l
RT: 5.038 min Scan# 644
Delta R.T. 0.019 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

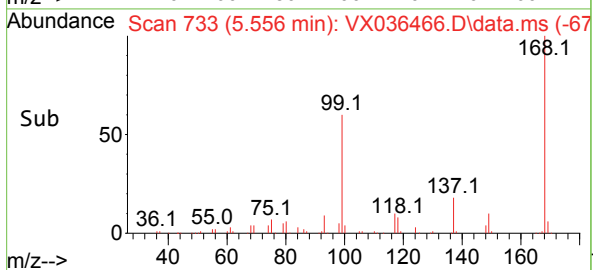
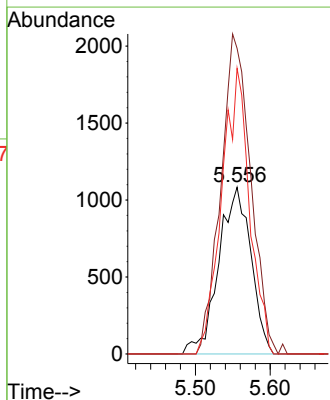
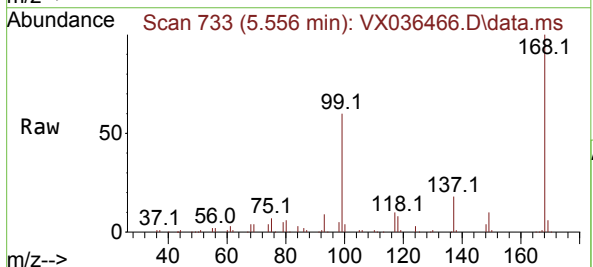
Instrument :
MSVOA_X
ClientSampleId :
50054

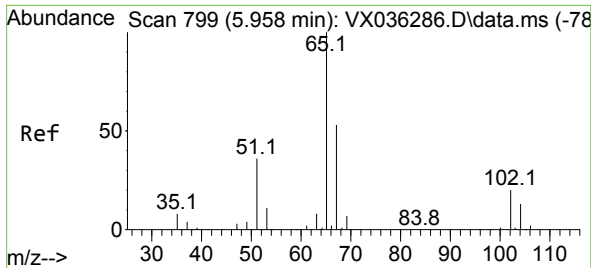
Tgt Ion: 42 Resp: 280
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

Tgt Ion: 56 Resp: 3251
Ion Ratio Lower Upper
56 100
69 183.3 23.4 35.2#
84 171.4 65.9 98.9#

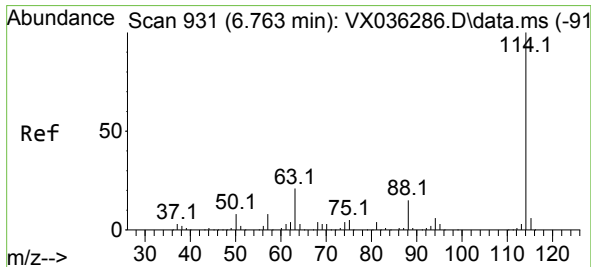
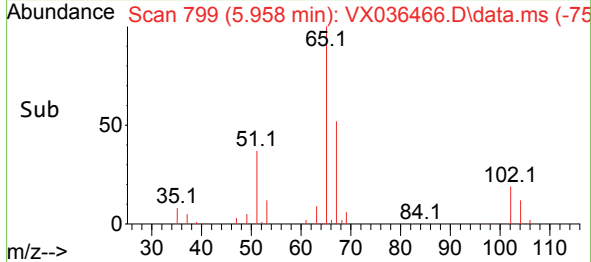
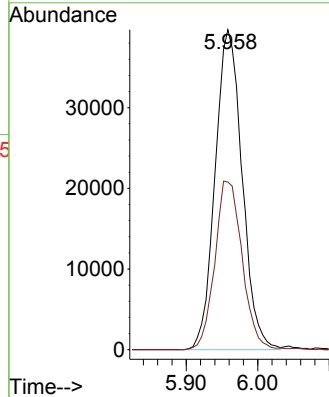
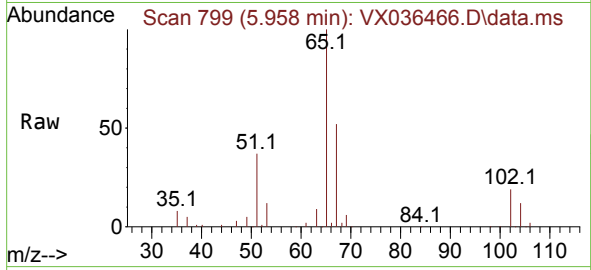




#33
 1,2-Dichloroethane-d4
 Concen: 45.802 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036466.D
 Acq: 07 Jul 2023 17:27

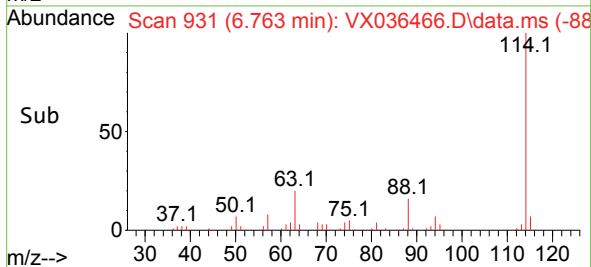
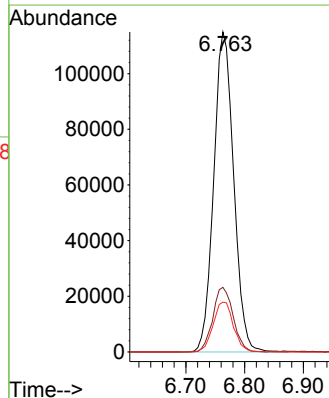
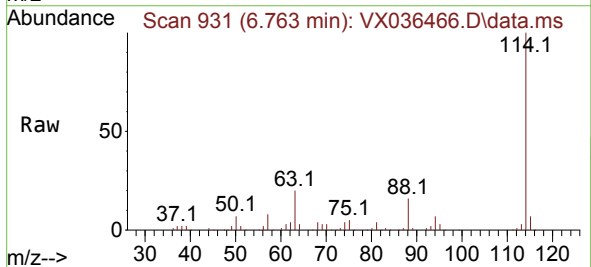
Instrument :
 MSVOA_X
 ClientSampleId :
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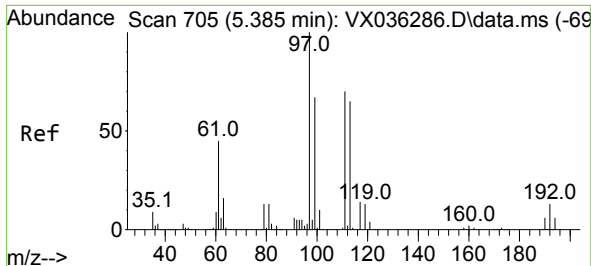
Tgt Ion: 65 Resp: 104057
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036466.D
 Acq: 07 Jul 2023 17:27

Tgt Ion: 114 Resp: 270931
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 15.6 0.0 36.6

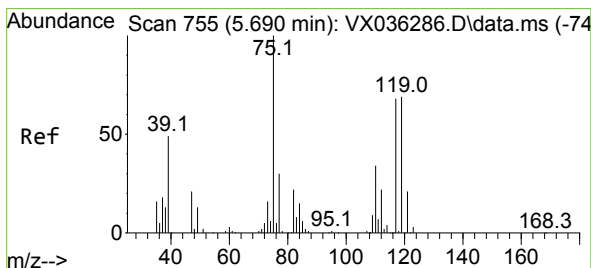
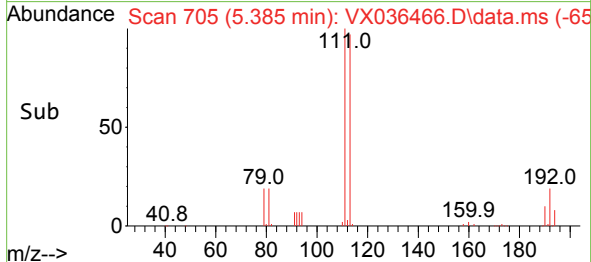
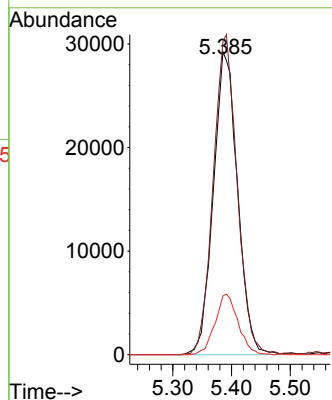
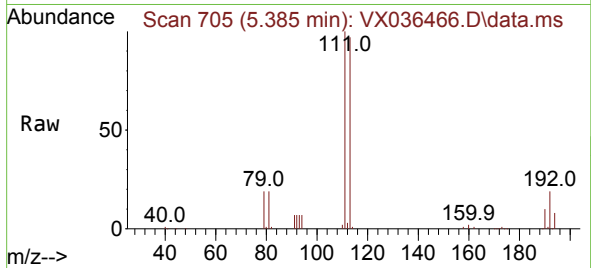




#35
Dibromofluoromethane
Concen: 46.799 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

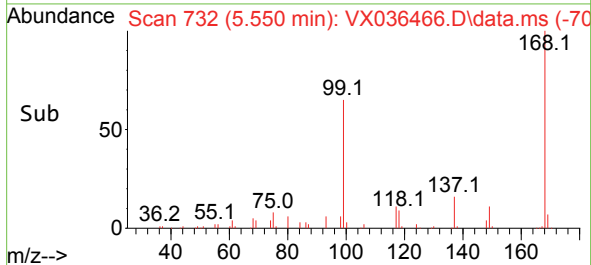
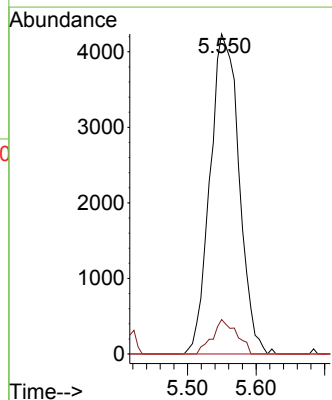
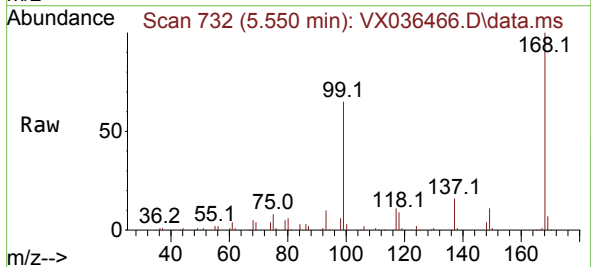
Instrument :
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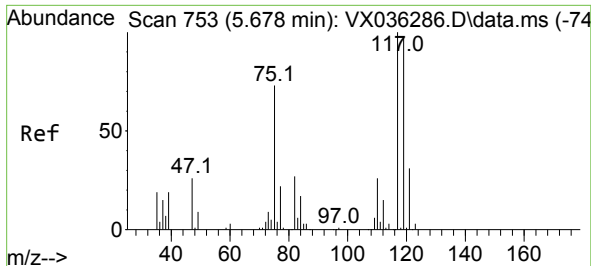
Tgt Ion:113 Resp: 83604
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.677 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

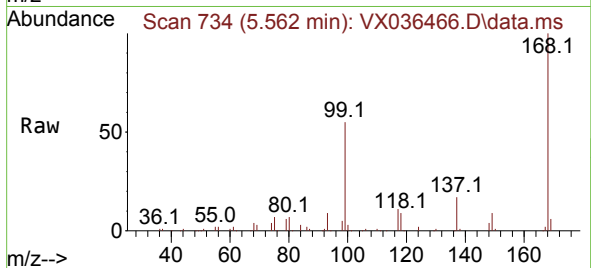
Tgt Ion: 75 Resp: 12454
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



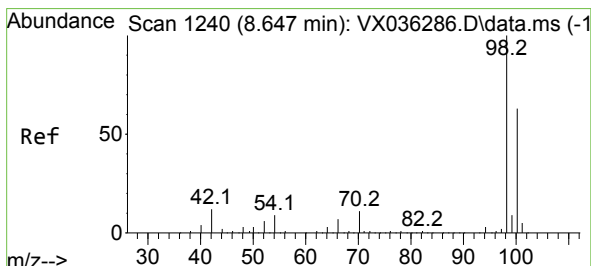
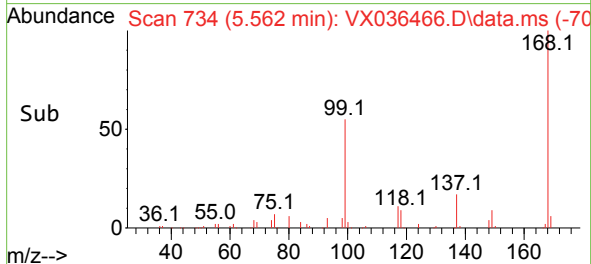
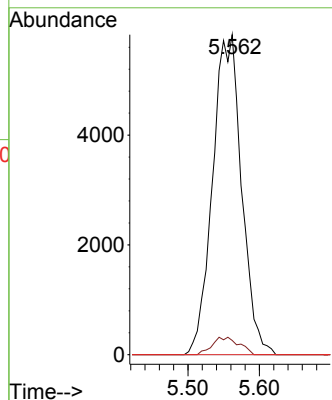


#38
Carbon Tetrachloride
Concen: 6.737 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :
50054

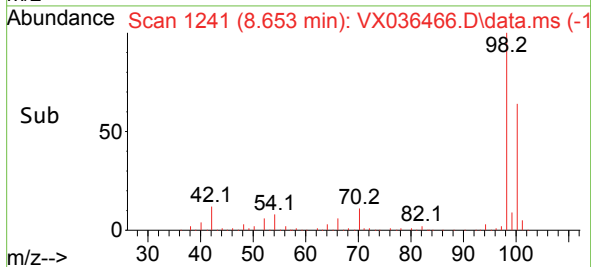
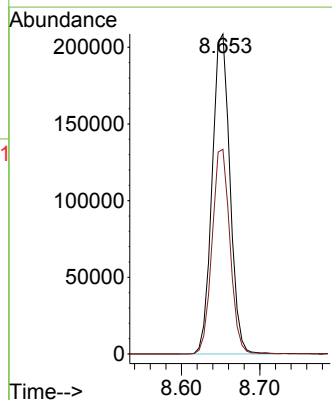
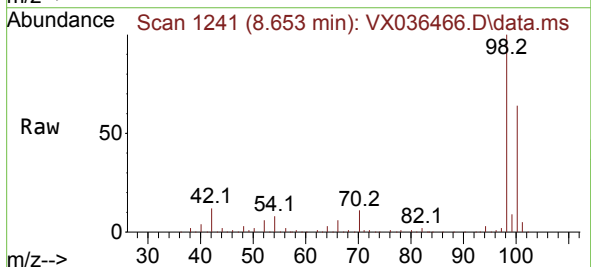


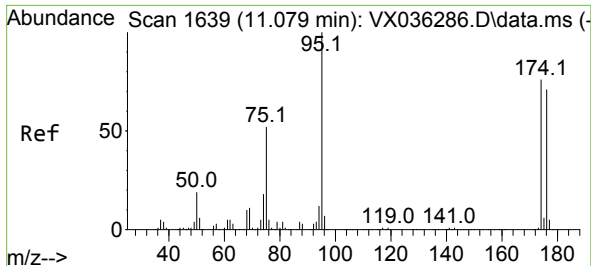
Tgt Ion:117 Resp: 16384
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.360 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

Tgt Ion: 98 Resp: 329349
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

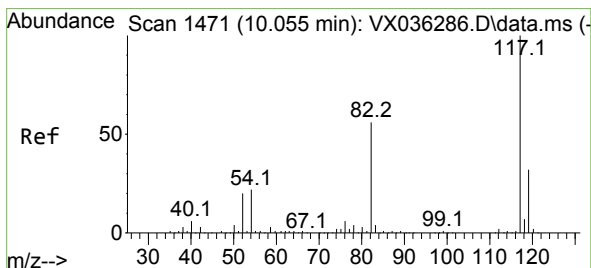
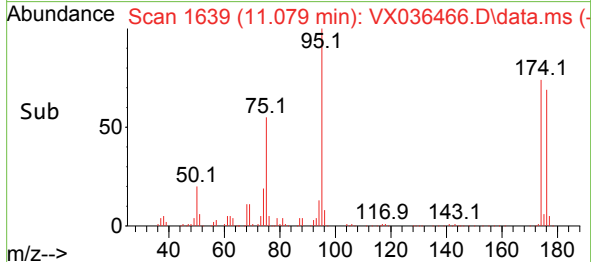
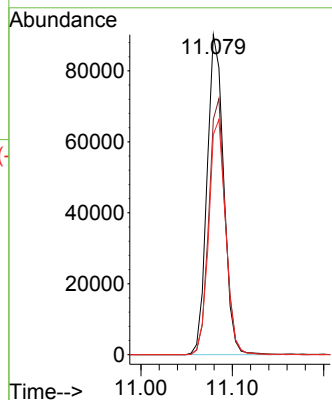
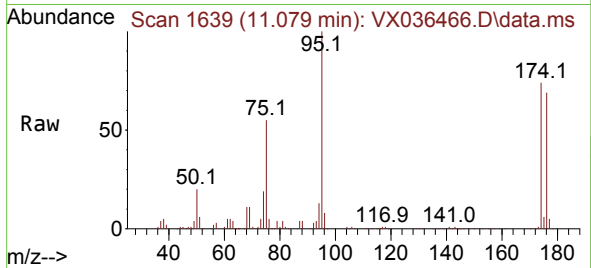




#62
4-Bromofluorobenzene
Concen: 48.488 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

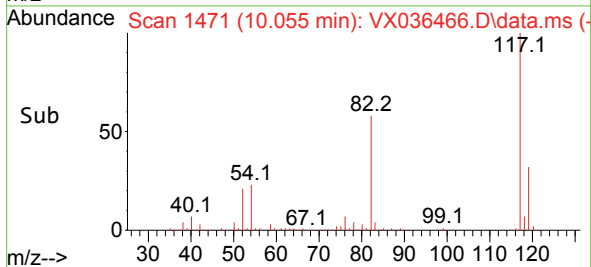
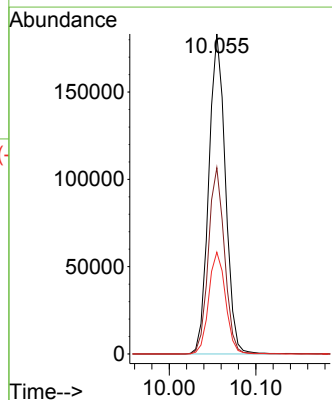
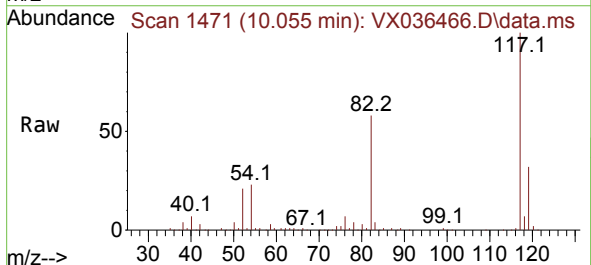
Instrument :
MSVOA_X
ClientSampleId :
50054

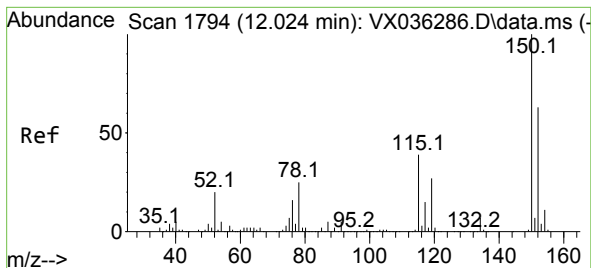
Tgt Ion: 95 Resp: 113957
Ion Ratio Lower Upper
95 100
174 79.2 0.0 135.6
176 74.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

Tgt Ion: 117 Resp: 243979
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.8 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: VX036466.D

Acq: 07 Jul 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

50054

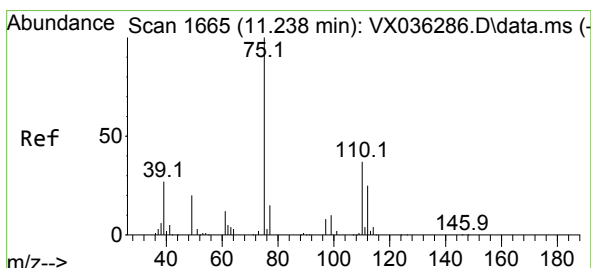
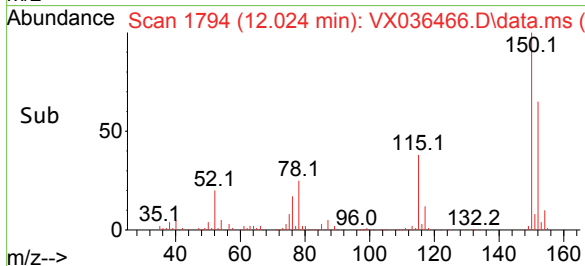
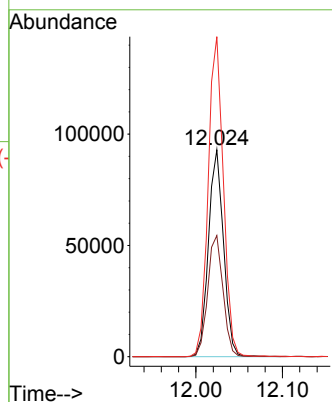
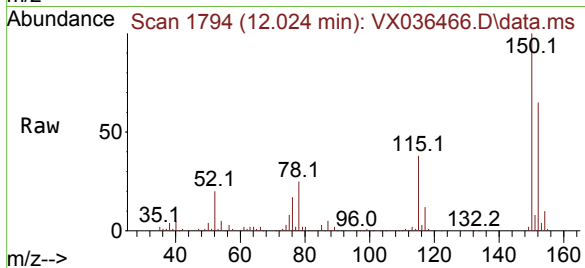
Tgt Ion:152 Resp: 112491

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.286 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036466.D

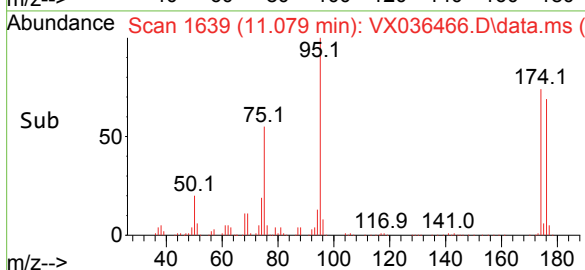
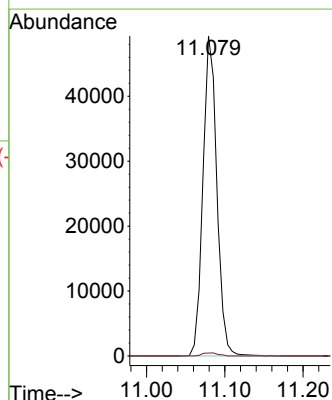
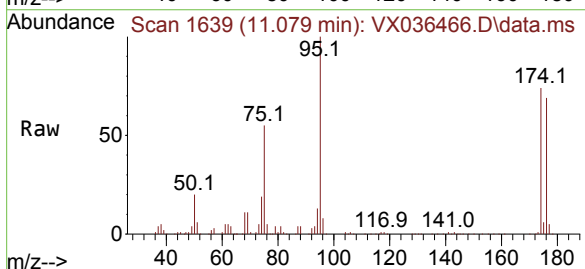
Acq: 07 Jul 2023 17:27

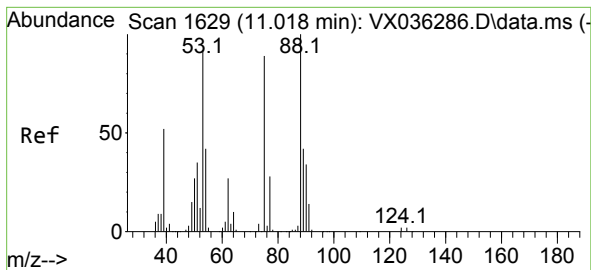
Tgt Ion: 75 Resp: 60672

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.425 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036466.D
 Acq: 07 Jul 2023 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 50054

Tgt Ion: 75 Resp: 60672
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

