

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048340.D
 Acq On : 28 Apr 2022 14:50
 Operator : SY/MD
 Sample : N2587-10DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:30:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	353832	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	354395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	173717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	140154	43.075	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.140%		
7) Chloroethane-d5	1.906	69	112522	49.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.540%		
11) 1,1-Dichloroethene-d2	2.565	63	188831	36.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.440%		
21) 2-Butanone-d5	4.629	46	288200	103.851	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.850%		
24) Chloroform-d	5.063	84	284826	48.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.520%		
26) 1,2-Dichloroethane-d4	5.703	65	185524	52.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.960%		
32) Benzene-d6	5.726	84	599036	53.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.180%		
36) 1,2-Dichloropropane-d6	6.690	67	197040	53.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.640%		
41) Toluene-d8	7.896	98	546663	53.957	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.920%		
43) trans-1,3-Dichloroprop...	8.179	79	89301	54.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	109.540%		
47) 2-Hexanone-d5	8.639	63	221193	110.949	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.950%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	316117	48.778	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.560%		
66) 1,2-Dichlorobenzene-d4	12.195	152	215996	55.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.540%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	4546	1.486	ug/L	99
5) Vinyl chloride	1.604	62	1142	0.370	ug/L #	1
6) Bromomethane	1.858	94	2179	1.537	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1904	0.714	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1131	0.486	ug/L #	1
13) Acetone	2.639	43	50458	28.322	ug/L	100
22) 2-Butanone	4.716	43	11623	4.412	ug/L	91
27) 1,2-Dichloroethane	5.771	62	2192	0.582	ug/L #	72
33) Benzene	5.774	78	760884	72.516	ug/L	100
37) 1,2-Dichloropropane	6.690	63	19728	6.608	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	5273	1.256	ug/L #	59
42) Toluene	7.970	91	117001	10.621	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	3992	0.973	ug/L	88
45) 1,1,2-Trichloroethane	8.359	97	5078	1.621	ug/L #	1
51) Chlorobenzene	9.446	112	725835	91.408	ug/L	99
53) m,p-Xylene	9.697	106	3686	0.819	ug/L	77

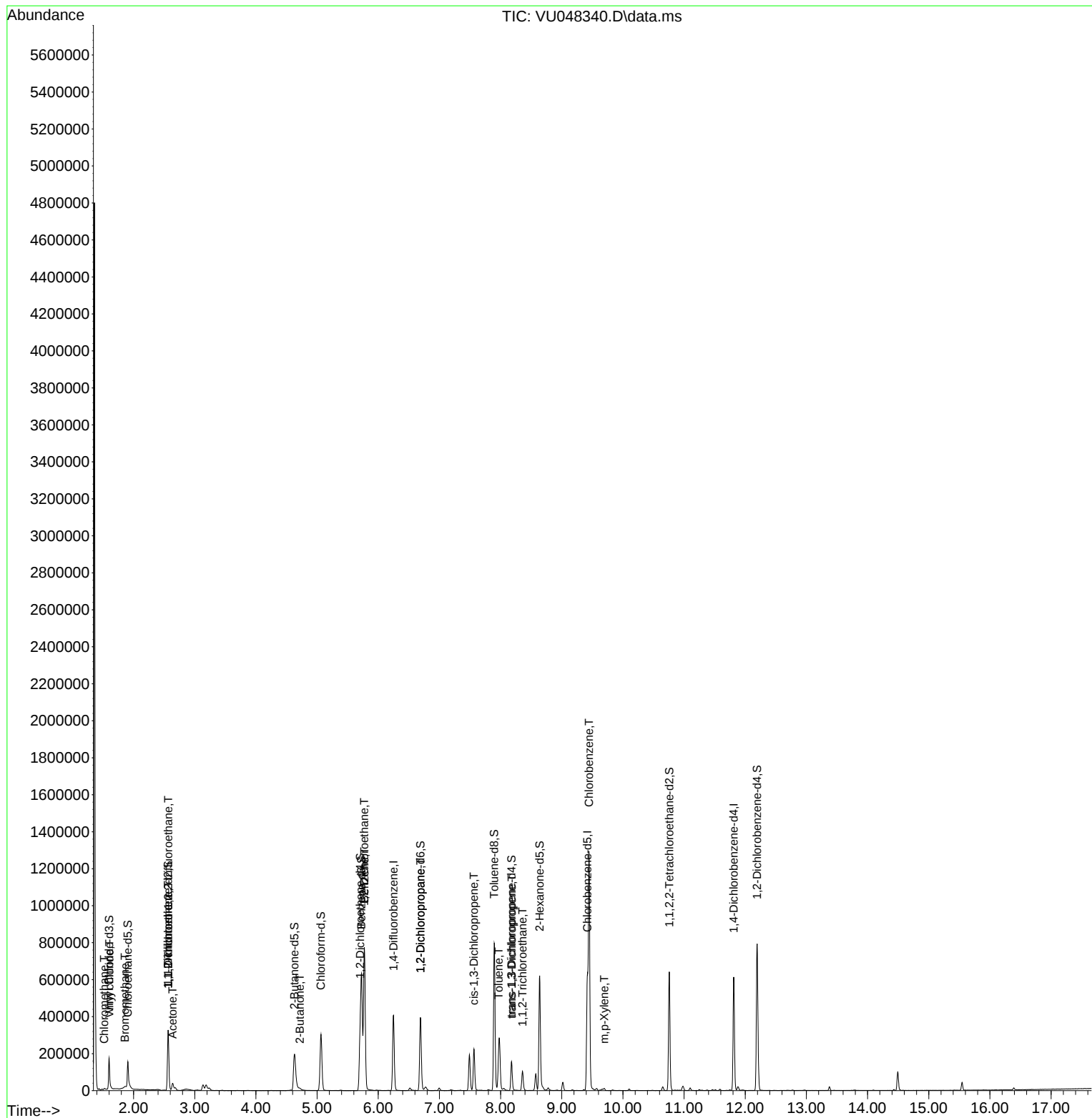
(#) = qualifier out of range (m) = manual integration (+) = signals summed

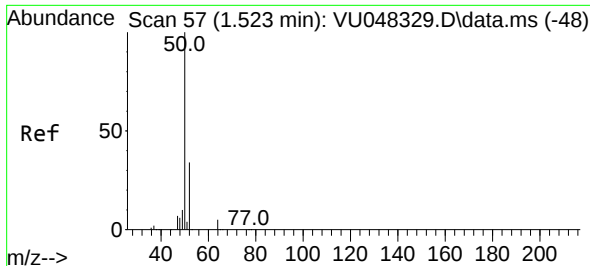
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048340.D
Acq On : 28 Apr 2022 14:50
Operator : SY/MD
Sample : N2587-10DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 29 04:30:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 29 04:27:14 2022
Response via : Initial Calibration

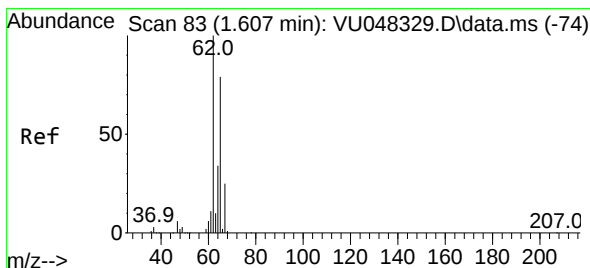
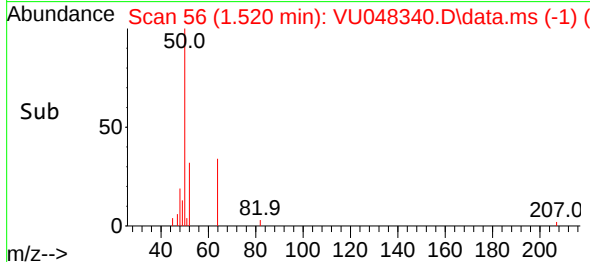
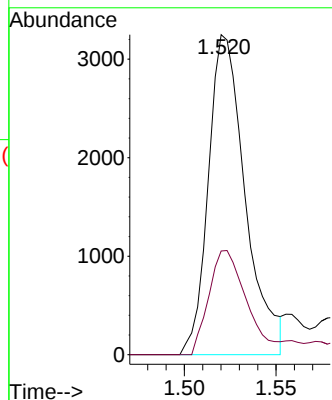
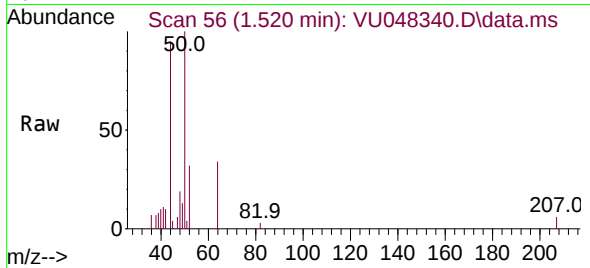




#3
Chloromethane
Concen: 1.486 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048340.D
Acq: 28 Apr 2022 14:50

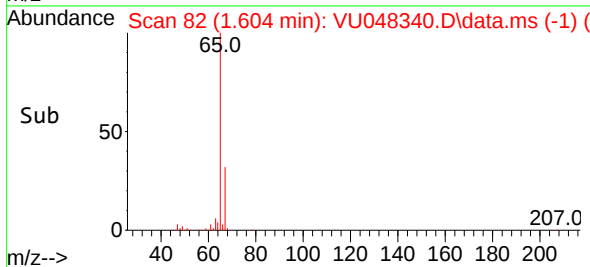
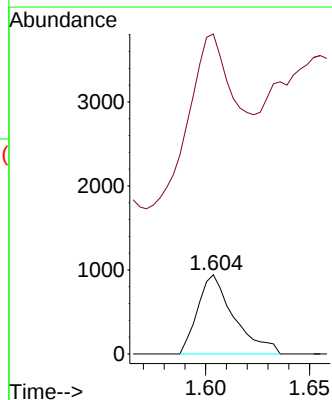
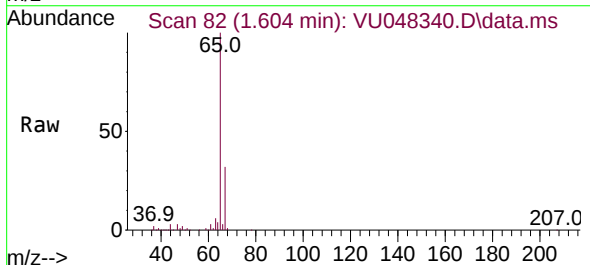
Instrument :
MSVOA_U
ClientSampleId :

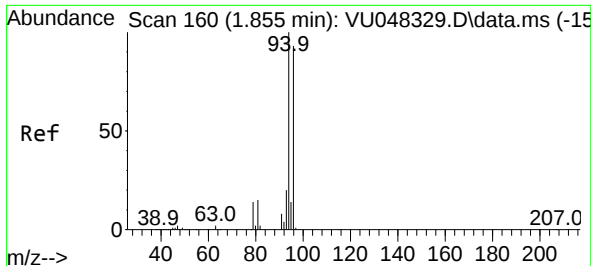
Tgt Ion: 50 Resp: 4546
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2



#5
Vinyl chloride
Concen: 0.370 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU048340.D
Acq: 28 Apr 2022 14:50

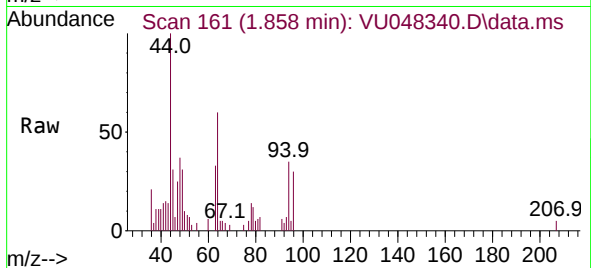
Tgt Ion: 62 Resp: 1142
Ion Ratio Lower Upper
62 100
64 403.9 22.5 41.7#



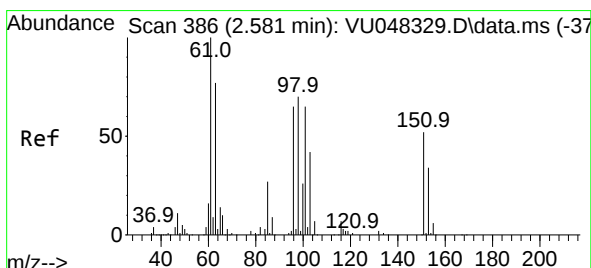
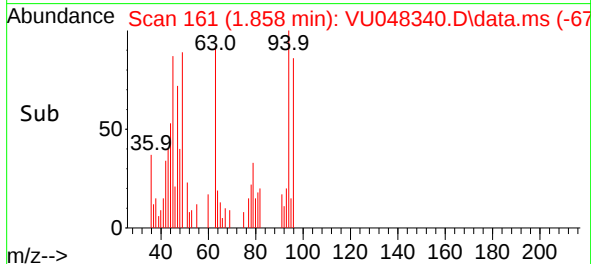
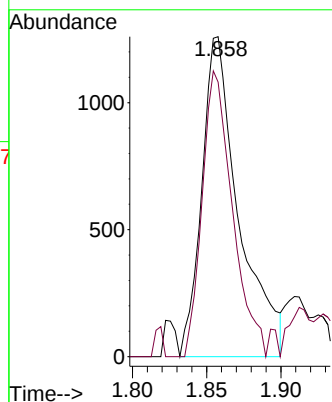


#6
Bromomethane
Concen: 1.537 ug/L
RT: 1.858 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU048340.D
Acq: 28 Apr 2022 14:50

Instrument :
MSVOA_U
ClientSampleId :

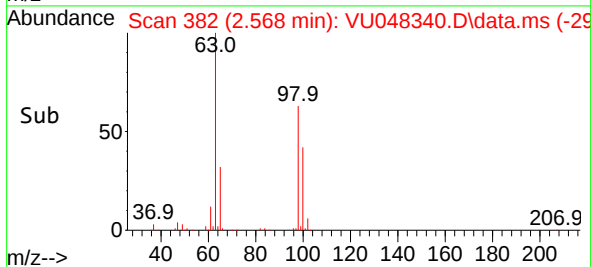
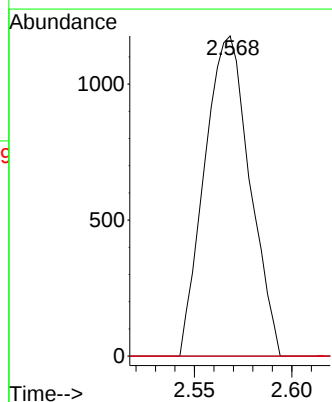
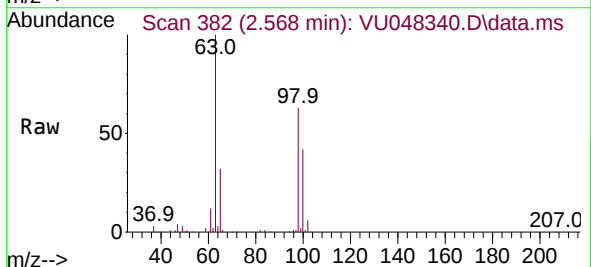


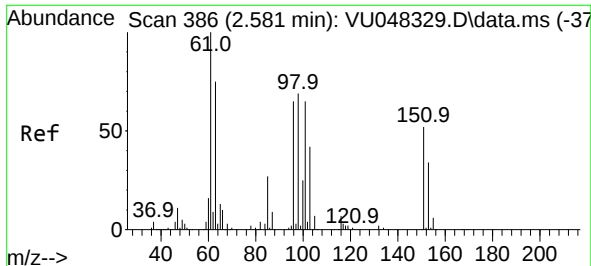
Tgt Ion: 94 Resp: 2179
Ion Ratio Lower Upper
94 100
96 85.8 65.8 122.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.714 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048340.D
Acq: 28 Apr 2022 14:50

Tgt Ion: 101 Resp: 1904
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.486 ug/L

RT: 2.562 min Scan# 386

Delta R.T. -0.019 min

Lab File: VU048340.D

Acq: 28 Apr 2022 14:50

Instrument :

MSVOA_U

ClientSampleId :

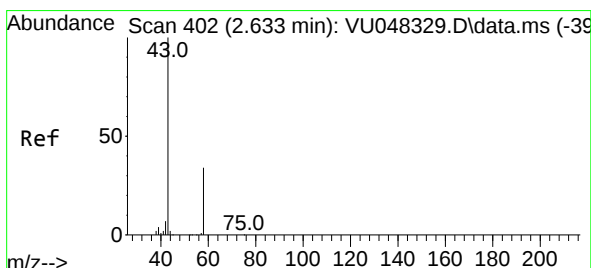
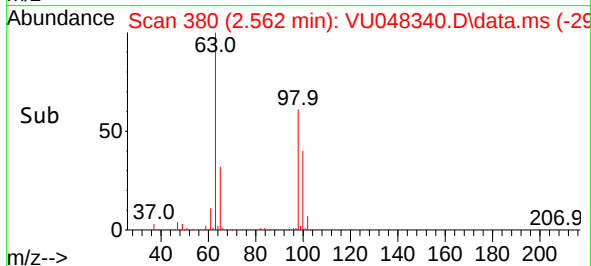
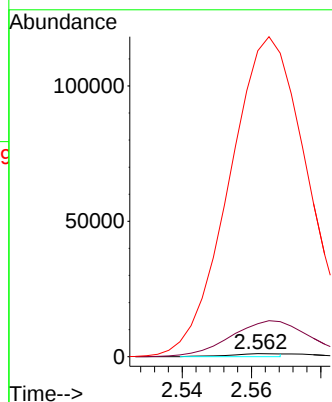
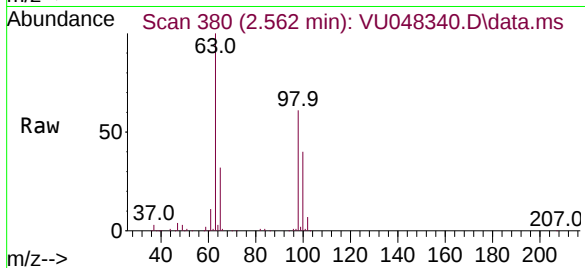
Tgt Ion: 96 Resp: 1131

Ion Ratio Lower Upper

96 100

61 1105.9 107.9 200.3#

63 10244.8 80.3 149.1#



#13

Acetone

Concen: 28.322 ug/L

RT: 2.639 min Scan# 404

Delta R.T. 0.006 min

Lab File: VU048340.D

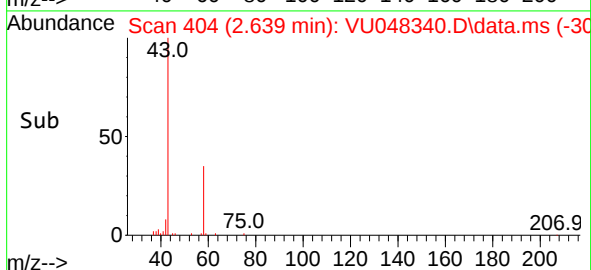
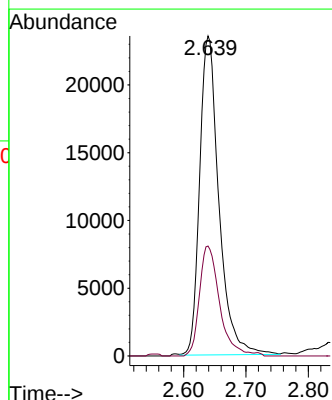
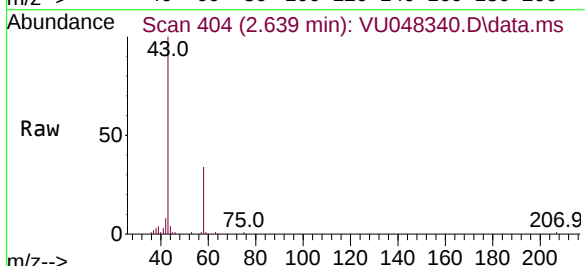
Acq: 28 Apr 2022 14:50

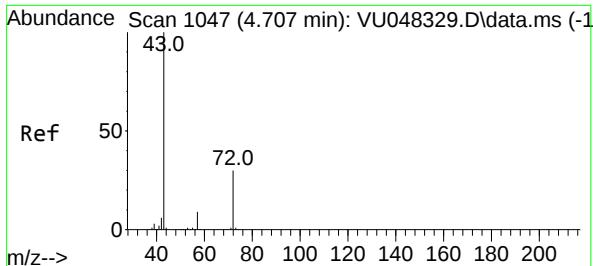
Tgt Ion: 43 Resp: 50458

Ion Ratio Lower Upper

43 100

58 35.6 0.0 71.2





#22

2-Butanone

Concen: 4.412 ug/L

RT: 4.716 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU048340.D

Acq: 28 Apr 2022 14:50

Instrument :

MSVOA_U

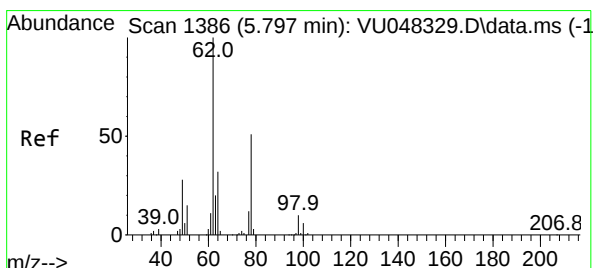
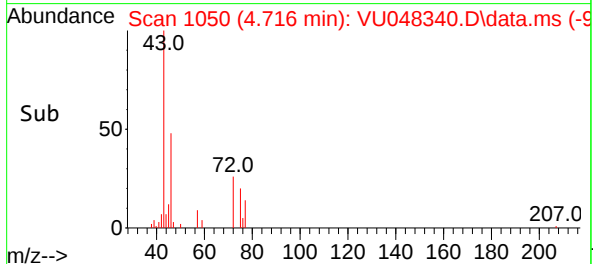
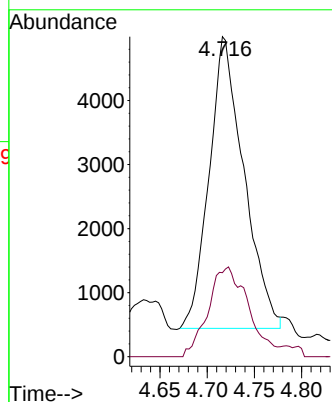
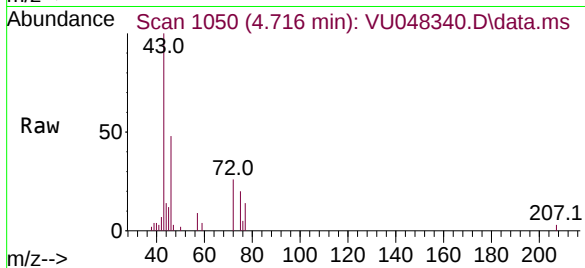
ClientSampleId :

Tgt Ion: 43 Resp: 11623

Ion Ratio Lower Upper

43 100

72 24.6 14.6 43.8



#27

1,2-Dichloroethane

Concen: 0.582 ug/L

RT: 5.771 min Scan# 1378

Delta R.T. -0.026 min

Lab File: VU048340.D

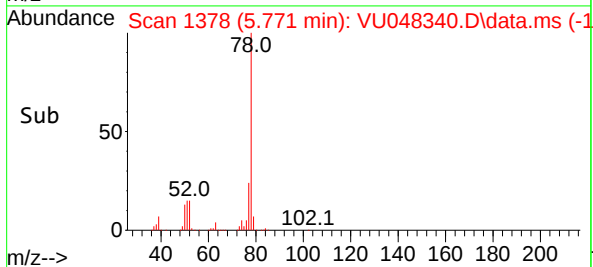
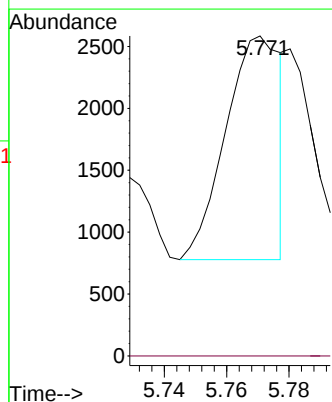
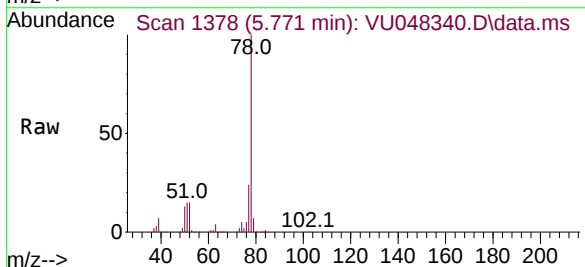
Acq: 28 Apr 2022 14:50

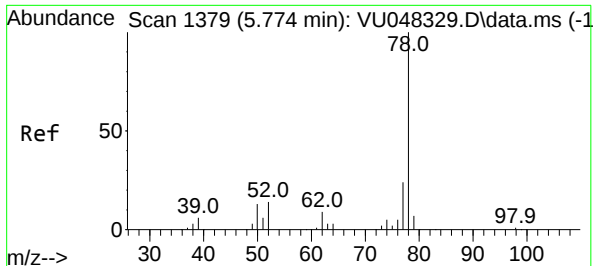
Tgt Ion: 62 Resp: 2192

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#

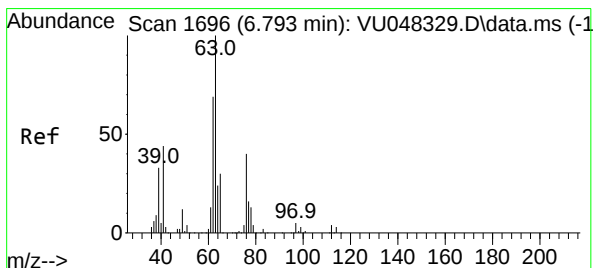
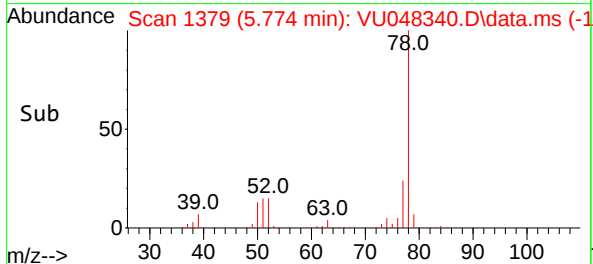
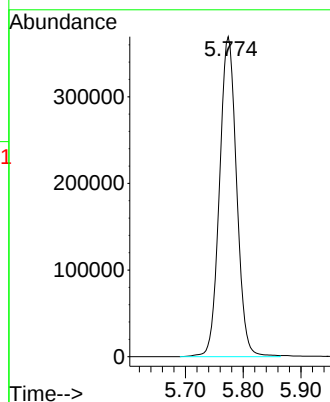
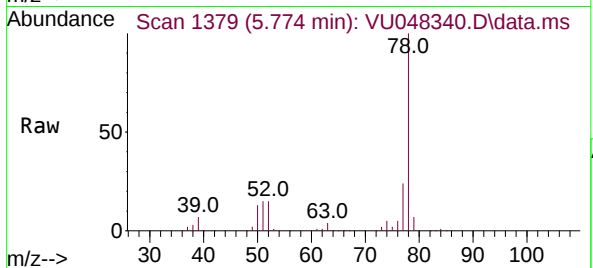




#33
Benzene
Concen: 72.516 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048340.D
Acq: 28 Apr 2022 14:50

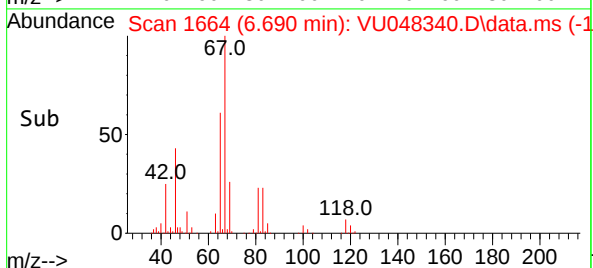
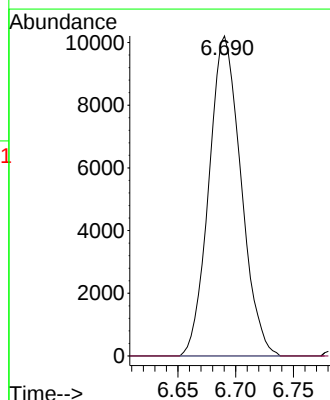
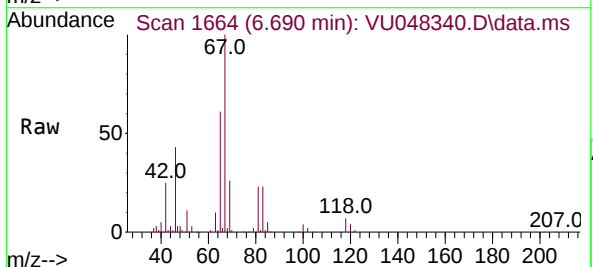
Instrument :
MSVOA_U
ClientSampleId :

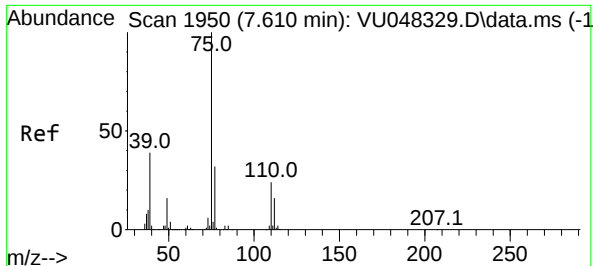
Tgt Ion: 78 Resp: 760884



#37
1,2-Dichloropropane
Concen: 6.608 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048340.D
Acq: 28 Apr 2022 14:50

Tgt Ion: 63 Resp: 19728
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.256 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048340.D

Acq: 28 Apr 2022 14:50

Instrument :

MSVOA_U

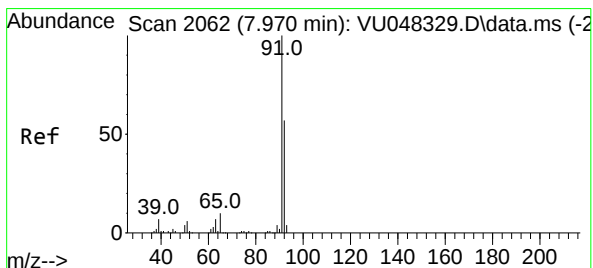
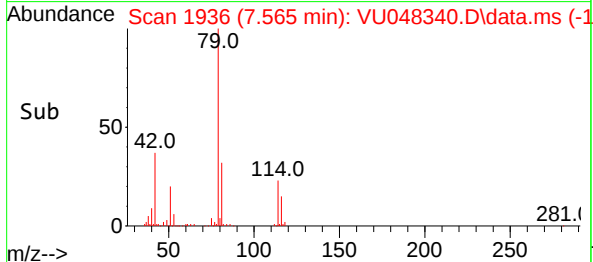
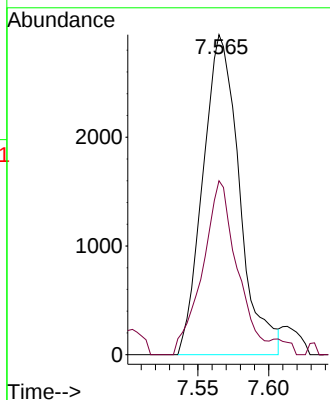
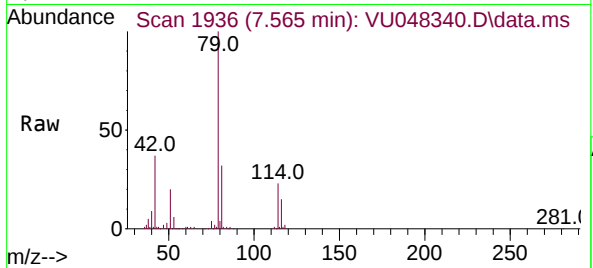
ClientSampleId :

Tgt Ion: 75 Resp: 5273

Ion Ratio Lower Upper

75 100

77 54.3 22.0 41.0#



#42

Toluene

Concen: 10.621 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048340.D

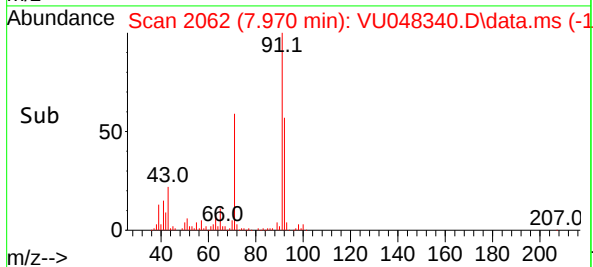
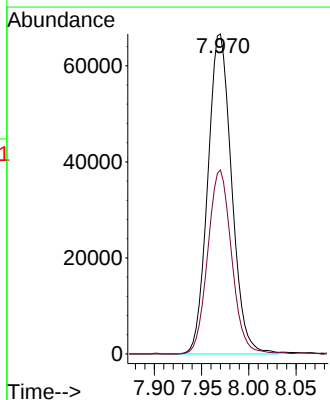
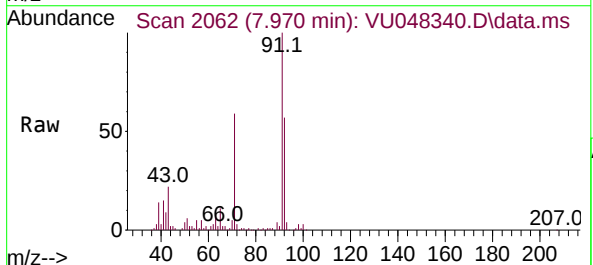
Acq: 28 Apr 2022 14:50

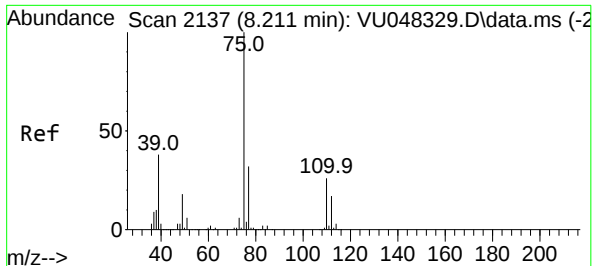
Tgt Ion: 91 Resp: 117001

Ion Ratio Lower Upper

91 100

92 57.5 40.9 76.0

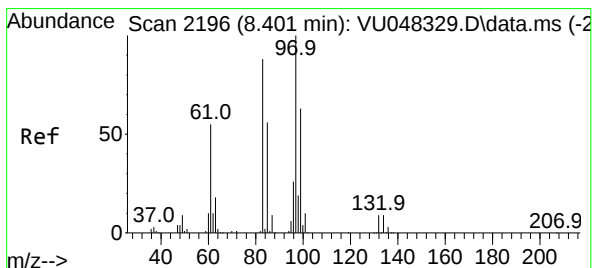
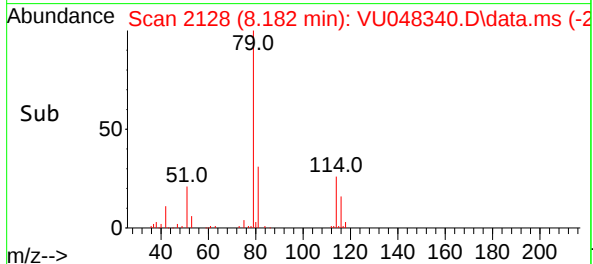
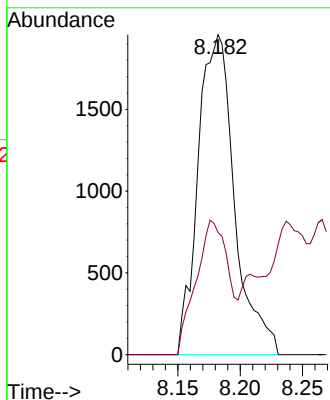
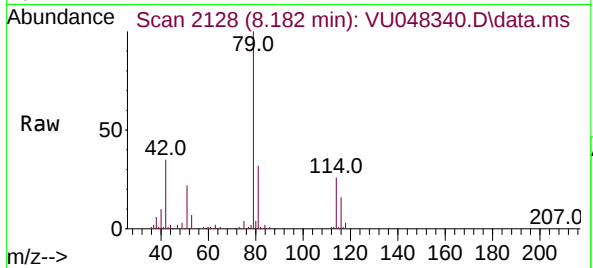




#44
trans-1,3-Dichloropropene
Concen: 0.973 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048340.D
Acq: 28 Apr 2022 14:50

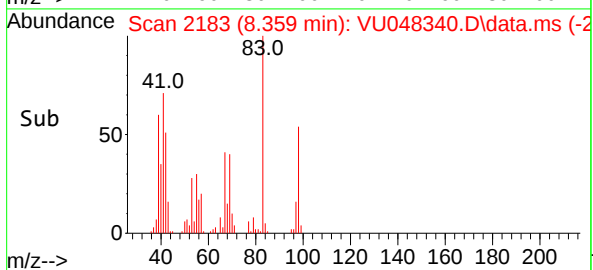
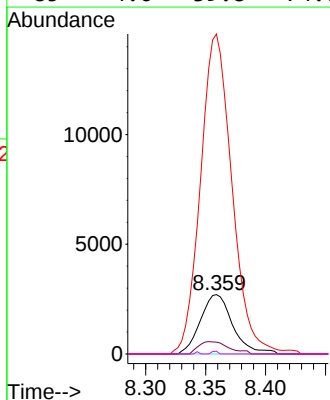
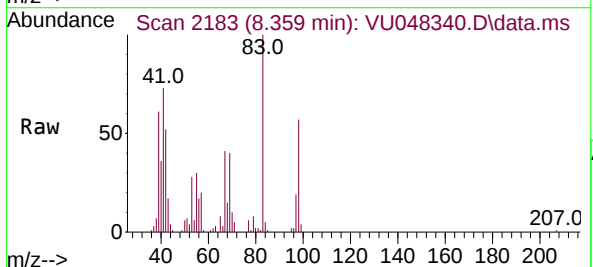
Instrument :
MSVOA_U
ClientSampleId :

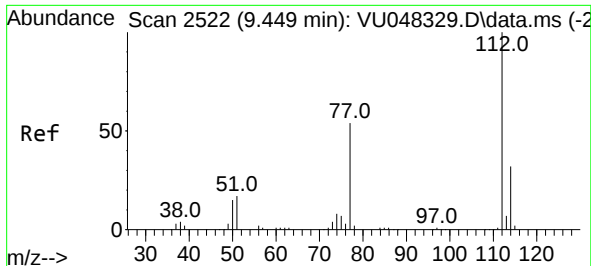
Tgt Ion: 75 Resp: 3992
Ion Ratio Lower Upper
75 100
77 38.2 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 1.621 ug/L
RT: 8.359 min Scan# 2183
Delta R.T. -0.042 min
Lab File: VU048340.D
Acq: 28 Apr 2022 14:50

Tgt Ion: 97 Resp: 5078
Ion Ratio Lower Upper
97 100
99 19.8 43.7 81.1#
83 539.0 62.6 116.2#
85 4.6 39.8 74.0#





#51

Chlorobenzene

Concen: 91.408 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048340.D

Acq: 28 Apr 2022 14:50

Instrument :

MSVOA_U

ClientSampleId :

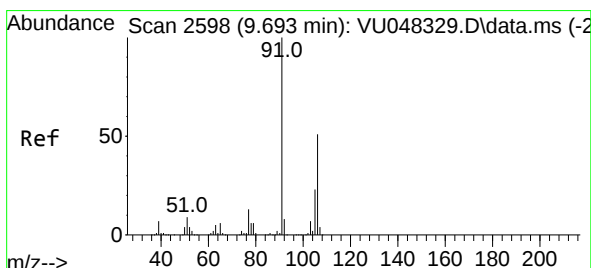
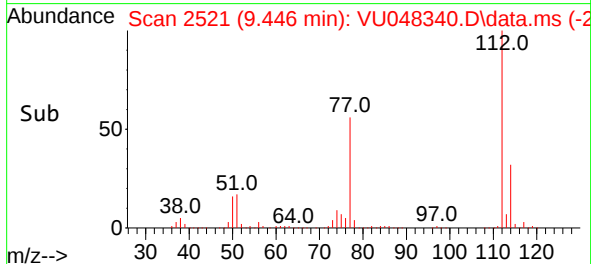
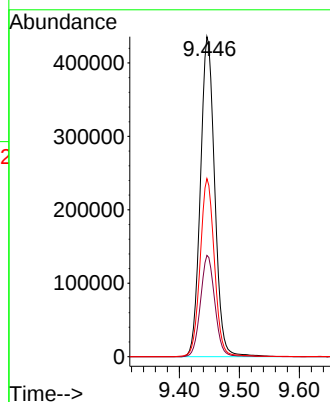
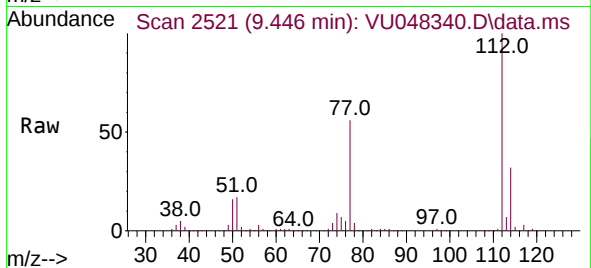
Tgt Ion:112 Resp: 725835

Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.1

77 55.7 44.3 66.5



#53

m,p-Xylene

Concen: 0.819 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU048340.D

Acq: 28 Apr 2022 14:50

Tgt Ion:106 Resp: 3686

Ion Ratio Lower Upper

106 100

91 162.1 137.4 255.2

