

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048144.D
 Acq On : 20 Apr 2022 15:46
 Operator : SY/MD
 Sample : N2485-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HW9

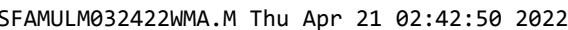
Quant Time: Apr 21 02:42:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

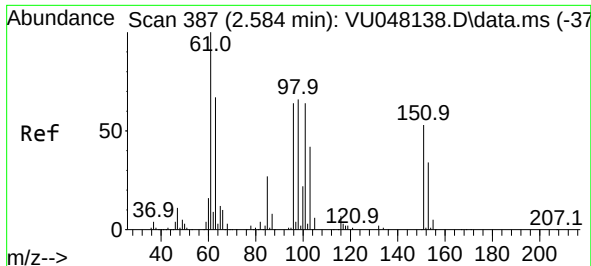
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	340973	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	366418	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	180908	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	109579	44.317	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.640%		
7) Chloroethane-d5	1.916	69	94089	48.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.520%		
11) 1,1-Dichloroethene-d2	2.571	63	143881	31.805	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.600%		
21) 2-Butanone-d5	4.620	46	182204	85.852	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.850%		
24) Chloroform-d	5.067	84	204520	45.205	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.420%		
26) 1,2-Dichloroethane-d4	5.703	65	126672	45.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.300%		
32) Benzene-d6	5.729	84	408994	44.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.720%		
36) 1,2-Dichloropropane-d6	6.690	67	135718	47.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.860%		
41) Toluene-d8	7.899	98	355946	39.624	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.240%#		
43) trans-1,3-Dichloroprop...	8.179	79	56394	39.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.620%		
47) 2-Hexanone-d5	8.632	63	124601	75.169	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.170%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	208681	42.943	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.880%		
66) 1,2-Dichlorobenzene-d4	12.195	152	150117	46.642	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.280%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1532	0.610	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1142	0.488	ug/L #	1
33) Benzene	5.777	78	52782	4.977	ug/L	100
35) Methylcyclohexane	6.693	83	31292	7.397	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	13599	5.044	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3326	0.795	ug/L #	54
51) Chlorobenzene	9.446	112	43104	5.455	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	15398	2.736	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	12723	2.340	ug/L	96

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

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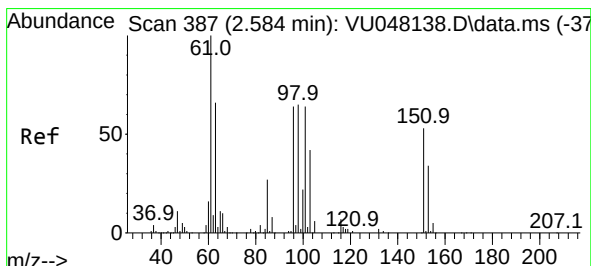
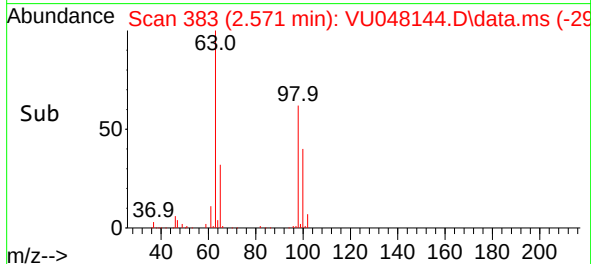
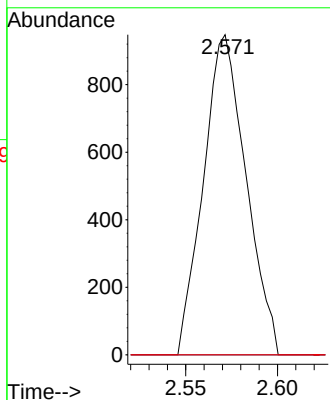
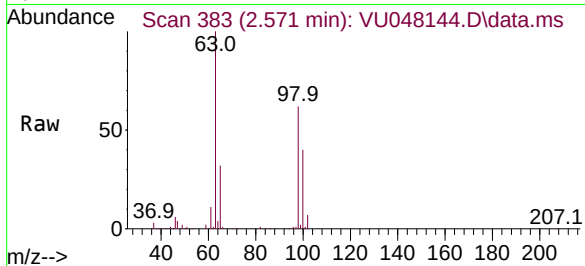




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.610 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
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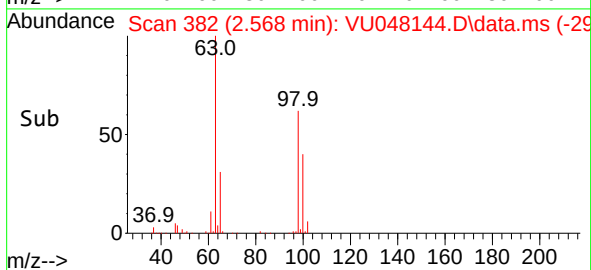
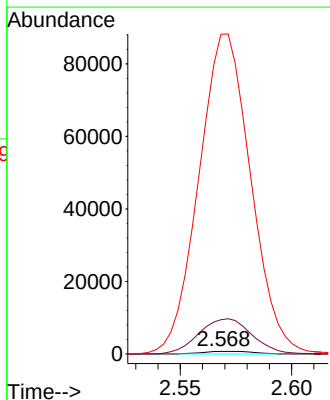
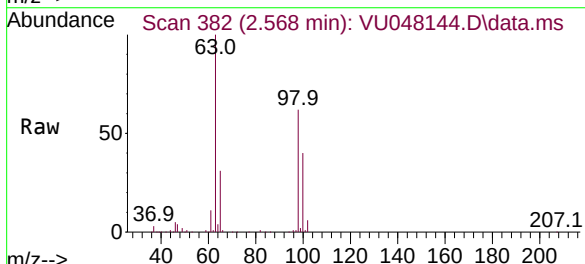
Instrument :
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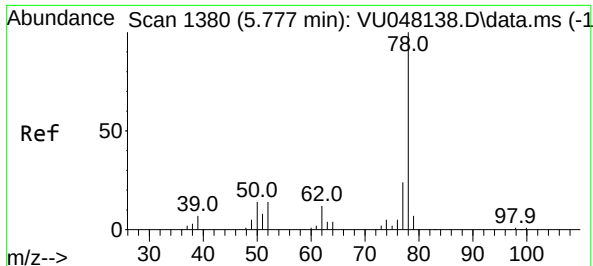
Tgt Ion: 101 Resp: 1532
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.488 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048144.D
 Acq: 20 Apr 2022 15:46

Tgt Ion: 96 Resp: 1142
 Ion Ratio Lower Upper
 96 100
 61 1313.6 113.1 210.1#
 63 12246.7 94.8 176.0#

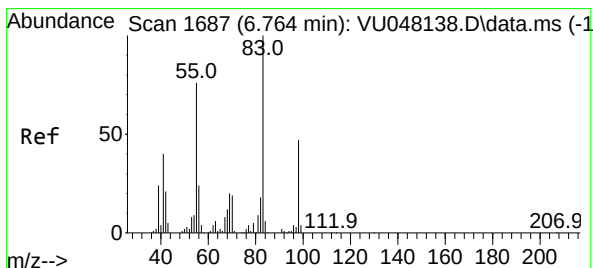
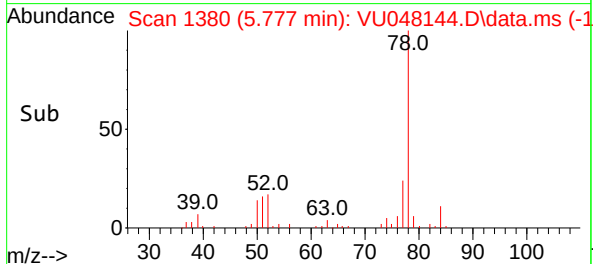
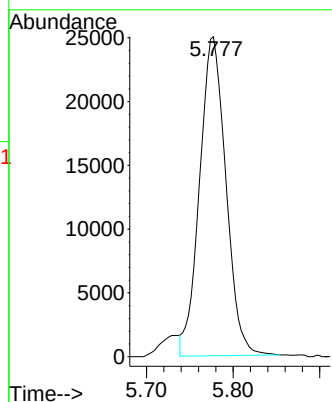
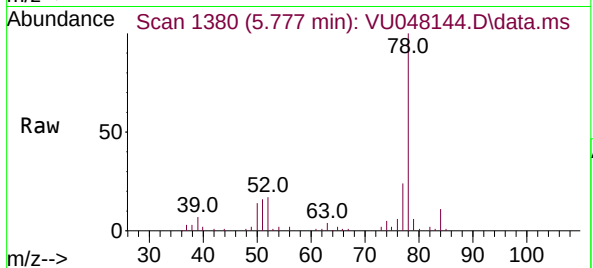




#33
Benzene
Concen: 4.977 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048144.D
Acq: 20 Apr 2022 15:46

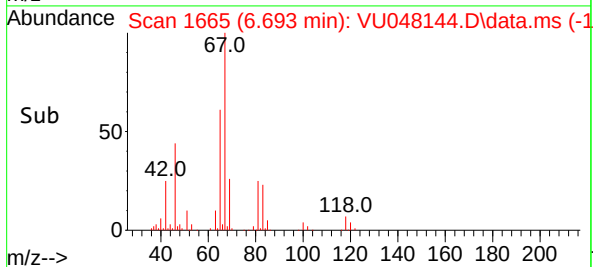
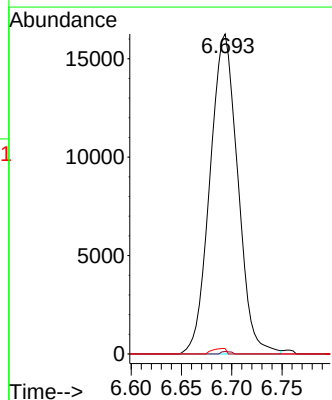
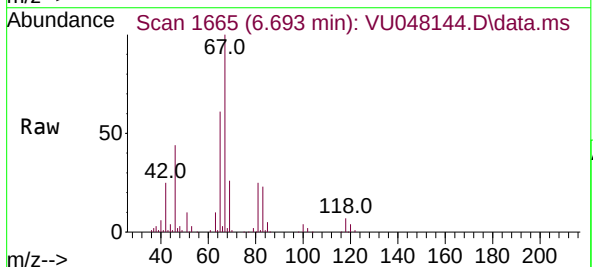
Instrument :
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C0HW9

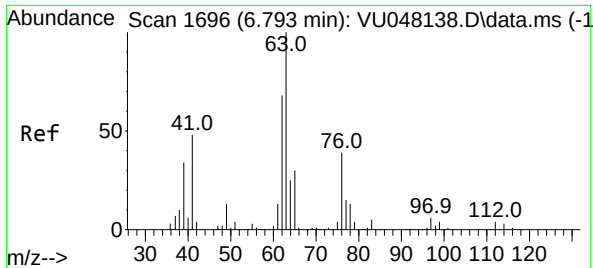
Tgt Ion: 78 Resp: 52782



#35
Methylcyclohexane
Concen: 7.397 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU048144.D
Acq: 20 Apr 2022 15:46

Tgt Ion: 83 Resp: 31292
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 0.8 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.044 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048144.D

Acq: 20 Apr 2022 15:46

Instrument :

MSVOA_U

ClientSampleId :

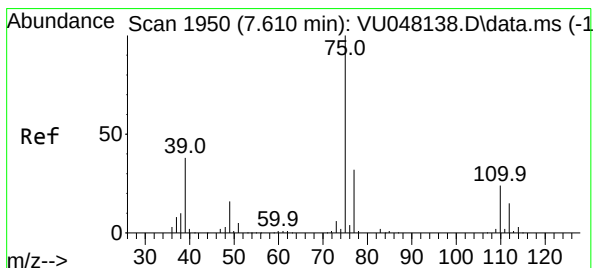
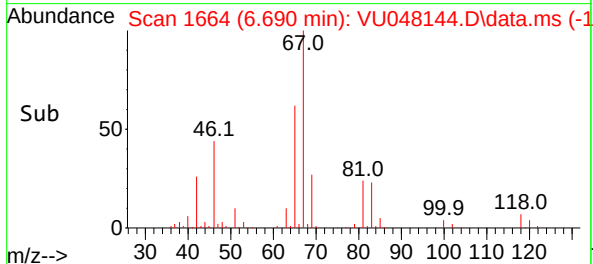
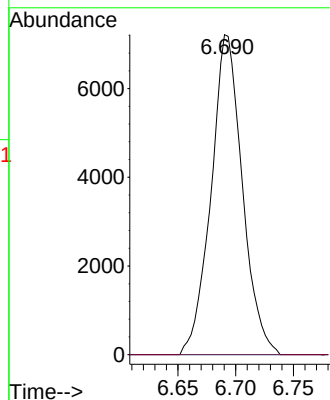
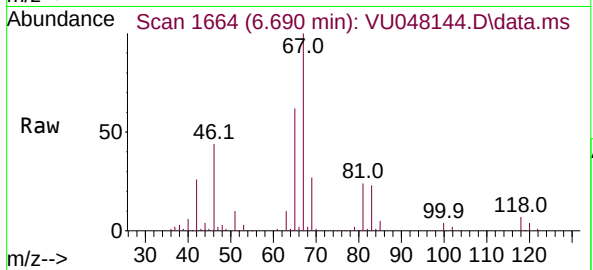
C0HW9

Tgt Ion: 63 Resp: 13599

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.795 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048144.D

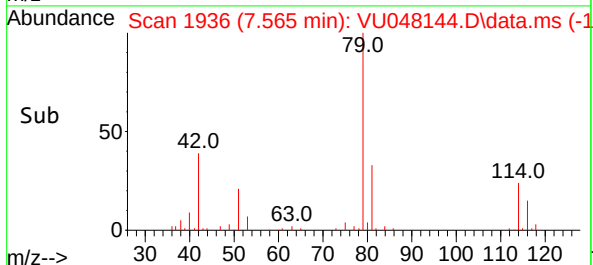
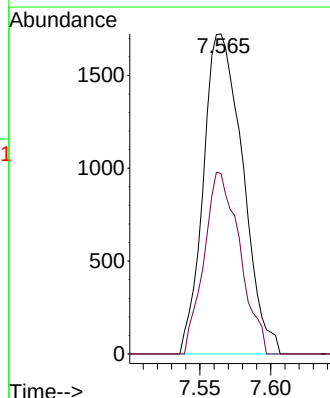
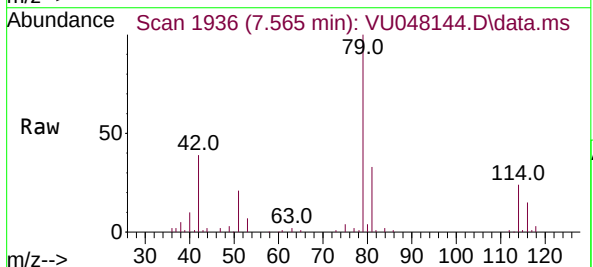
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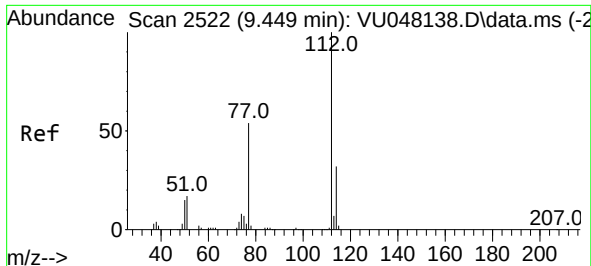
Tgt Ion: 75 Resp: 3326

Ion Ratio Lower Upper

75 100

77 56.4 21.8 40.6#

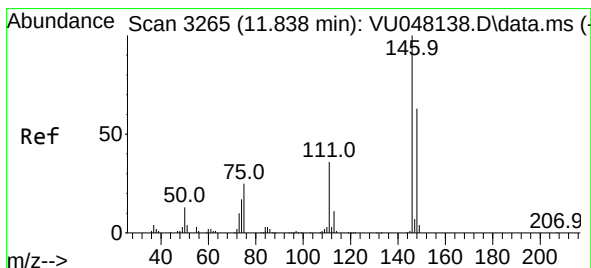
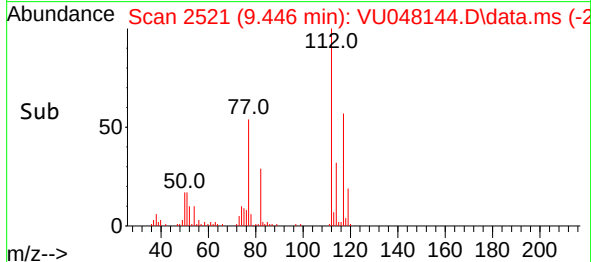
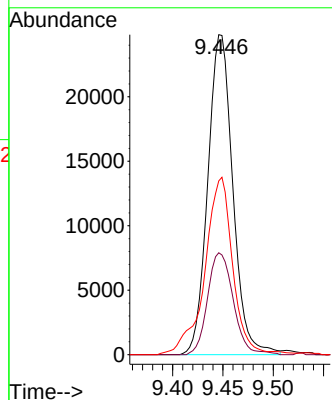
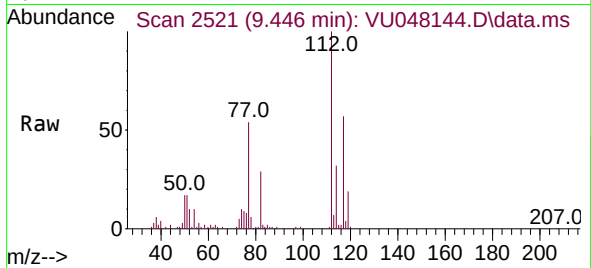




#51
Chlorobenzene
Concen: 5.455 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048144.D
Acq: 20 Apr 2022 15:46

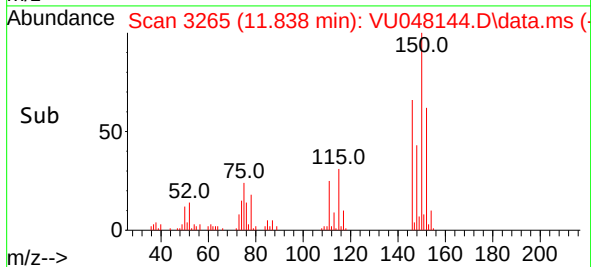
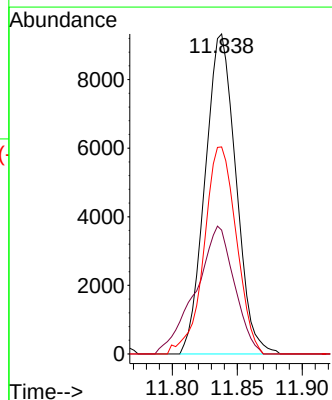
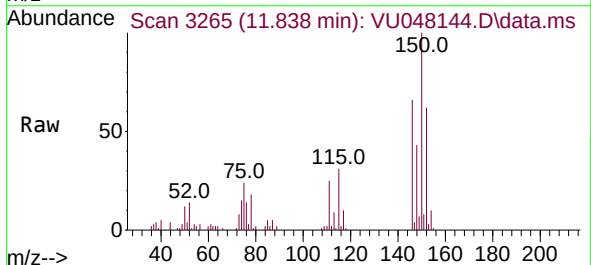
Instrument :
MSVOA_U
ClientSampleId :
C0HW9

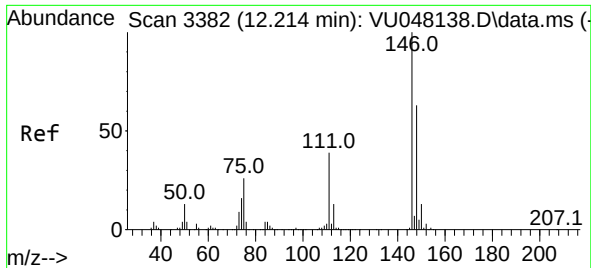
Tgt Ion:112 Resp: 43104
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 54.3 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 2.736 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048144.D
Acq: 20 Apr 2022 15:46

Tgt Ion:146 Resp: 15398
Ion Ratio Lower Upper
146 100
111 38.7 25.3 47.1
148 64.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.340 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048144.D

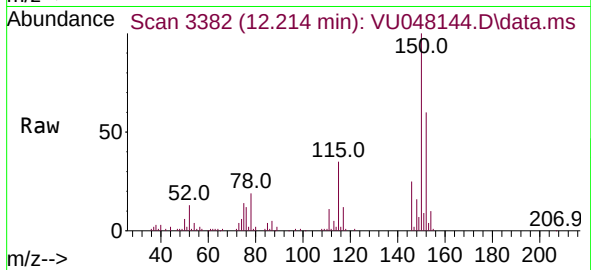
Acq: 20 Apr 2022 15:46

Instrument :

MSVOA_U

ClientSampleId :

C0HW9



Tgt Ion:146 Resp: 12723

Ion Ratio Lower Upper

146 100

111 44.0 31.7 47.5

148 62.6 51.4 77.2

