

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048202.D
 Acq On : 22 Apr 2022 04:23
 Operator : SY/MD
 Sample : N2488-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HZ9

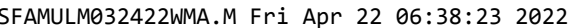
Quant Time: Apr 22 06:38:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

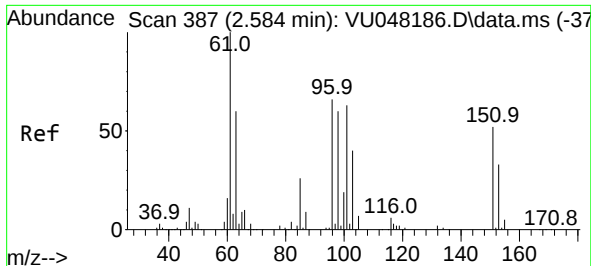
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	308083	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	326970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	156706	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91036	40.748	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.500%
7) Chloroethane-d5	1.912	69	79315	45.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	2.568	63	126721	31.002	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.000%
21) 2-Butanone-d5	4.623	46	180096	93.918	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.920%
24) Chloroform-d	5.067	84	193626	47.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.740%
26) 1,2-Dichloroethane-d4	5.703	65	120778	48.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
32) Benzene-d6	5.729	84	383123	46.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
36) 1,2-Dichloropropane-d6	6.694	67	129890	51.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.820%
41) Toluene-d8	7.899	98	325178	40.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.140%
43) trans-1,3-Dichloroprop...	8.182	79	50352	39.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.660%
47) 2-Hexanone-d5	8.636	63	114387	77.333	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.330%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202905	46.792	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	145538	52.202	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1278	0.563	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	887	0.420	ug/L #	1
13) Acetone	2.629	43	6413	3.594	ug/L	92
37) 1,2-Dichloropropane	6.694	63	12839	5.336	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3076	0.824	ug/L #	70
51) Chlorobenzene	9.449	112	6954	0.986	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	9111	1.869	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	10881	2.310	ug/L	96
69) 1,3,5-Trichlorobenzene	13.844	180	4562	1.193	ug/L	93

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

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.563 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

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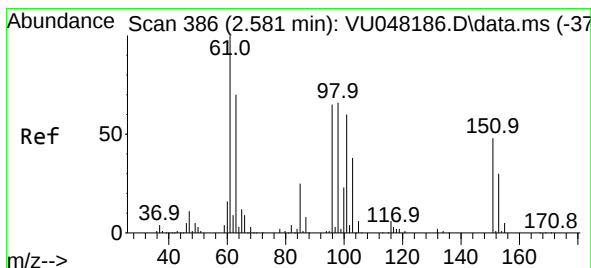
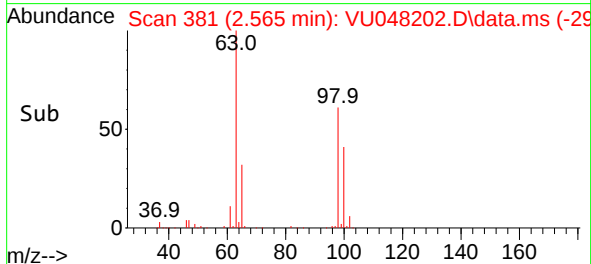
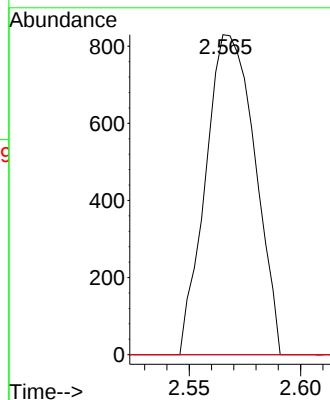
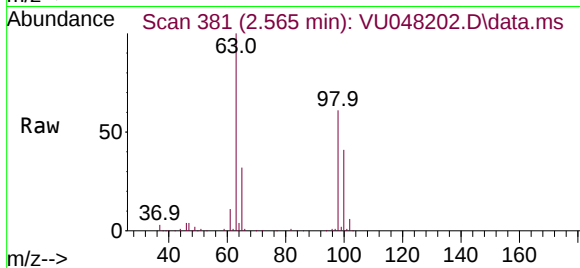
Tgt Ion:101 Resp: 1278

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: 0.420 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.006 min

Lab File: VU048202.D

Acq: 22 Apr 2022 04:23

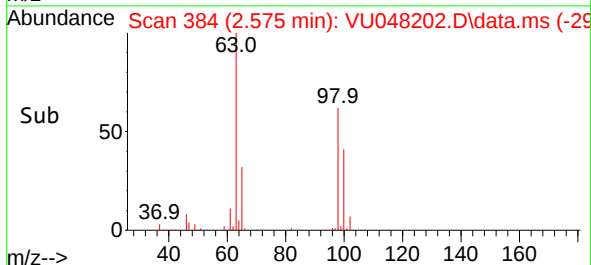
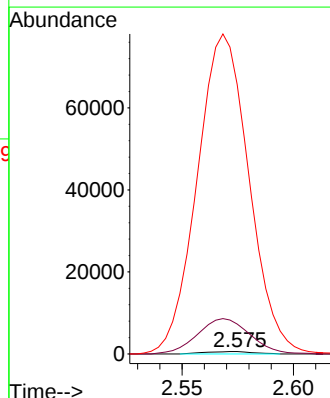
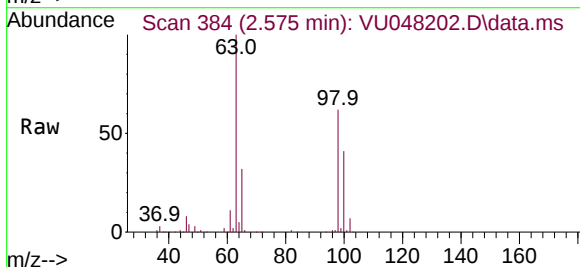
Tgt Ion: 96 Resp: 887

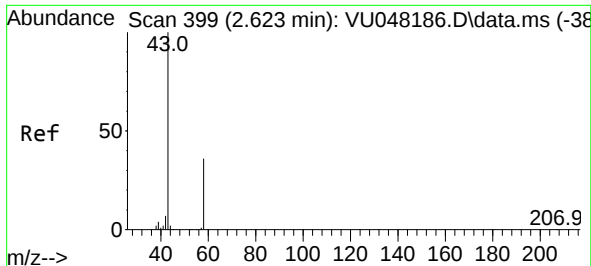
Ion Ratio Lower Upper

96 100

61 1265.5 113.1 210.1#

63 11389.9 94.8 176.0#





#13

Acetone

Concen: 3.594 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048202.D

Acq: 22 Apr 2022 04:23

Instrument :

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ClientSampleId :

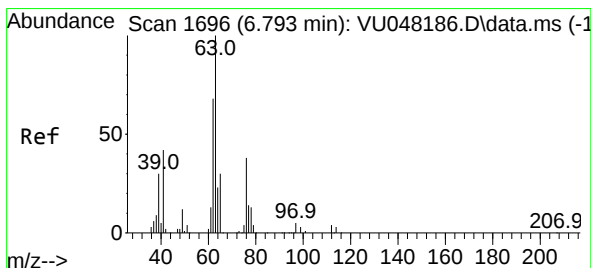
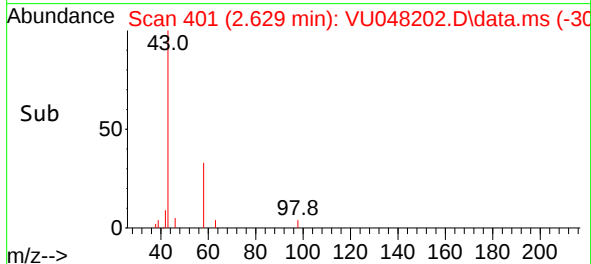
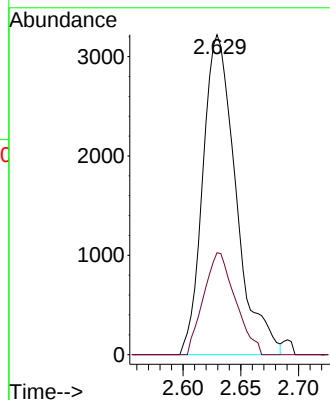
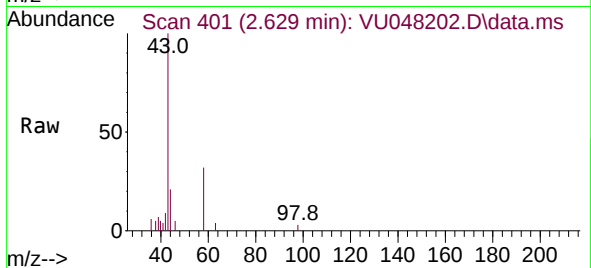
C0HZ9

Tgt Ion: 43 Resp: 6413

Ion Ratio Lower Upper

43 100

58 30.6 0.0 70.0



#37

1,2-Dichloropropane

Concen: 5.336 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU048202.D

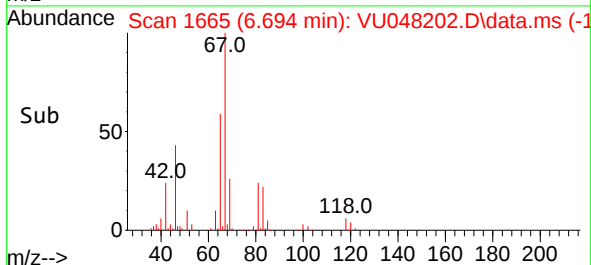
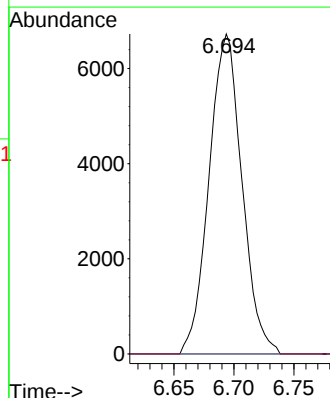
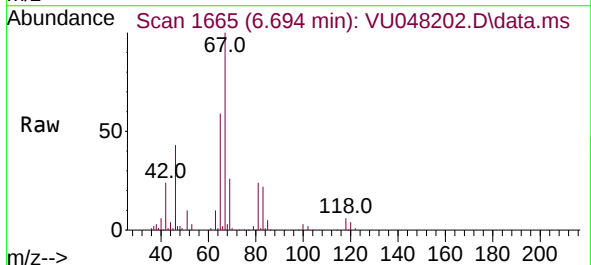
Acq: 22 Apr 2022 04:23

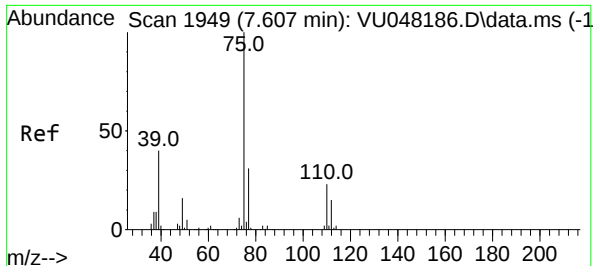
Tgt Ion: 63 Resp: 12839

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU048202.D

Acq: 22 Apr 2022 04:23

Instrument :

MSVOA_V

ClientSampleId :

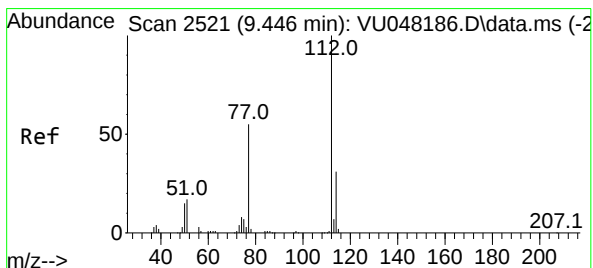
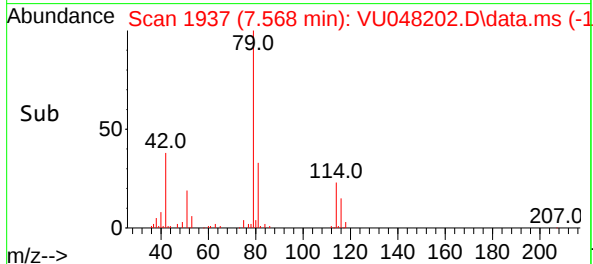
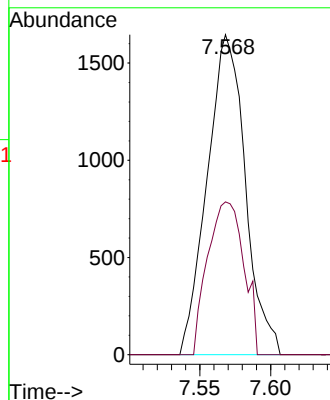
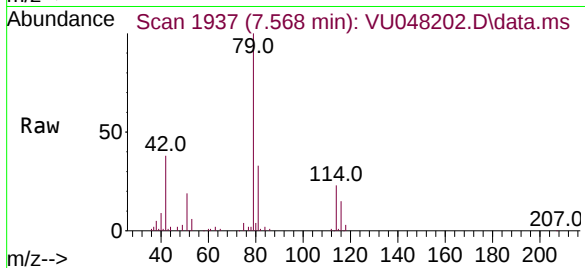
C0HZ9

Tgt Ion: 75 Resp: 3076

Ion Ratio Lower Upper

75 100

77 47.8 21.8 40.6#



#51

Chlorobenzene

Concen: 0.986 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048202.D

Acq: 22 Apr 2022 04:23

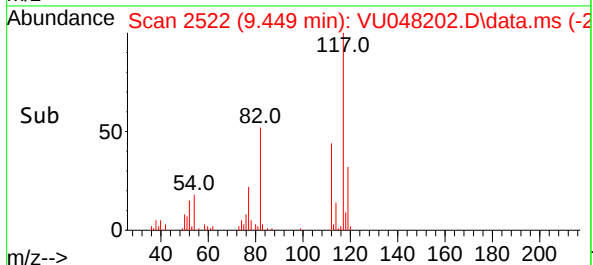
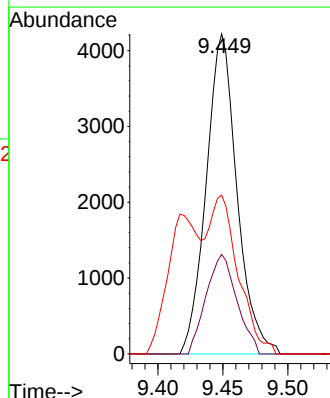
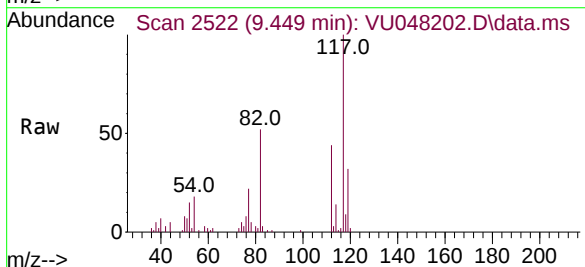
Tgt Ion: 112 Resp: 6954

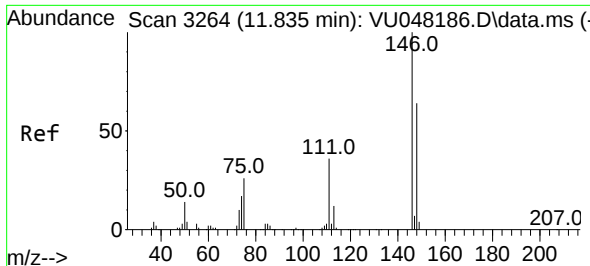
Ion Ratio Lower Upper

112 100

114 31.1 22.1 41.1

77 49.6 43.4 65.0

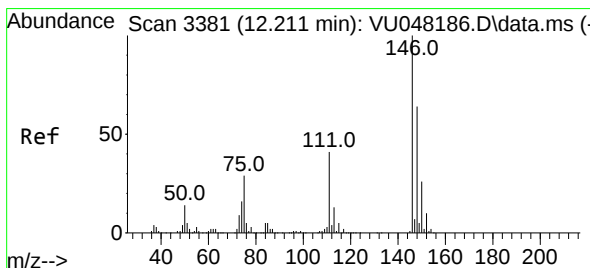
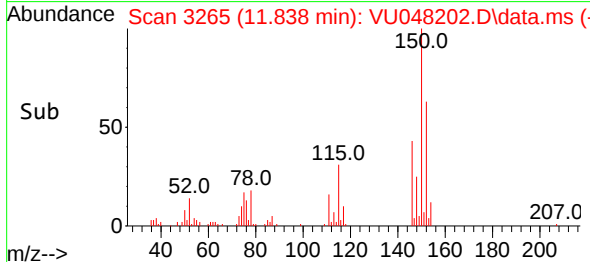
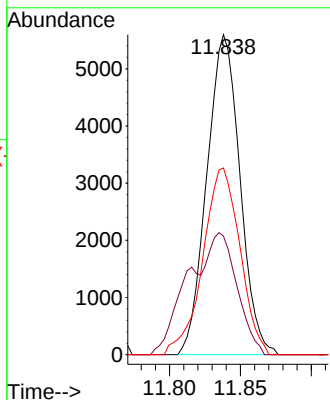
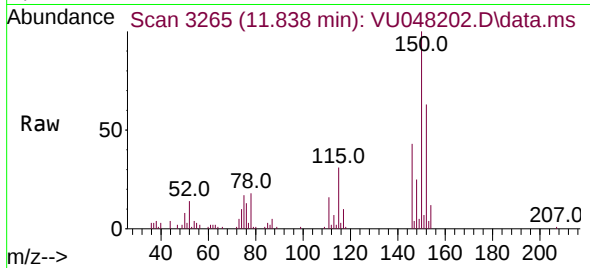




#65
1,4-Dichlorobenzene
Concen: 1.869 ug/L
RT: 11.838 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU048202.D
Acq: 22 Apr 2022 04:23

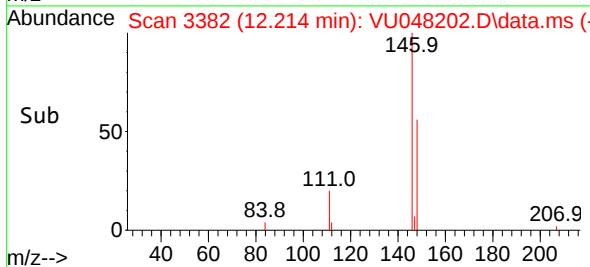
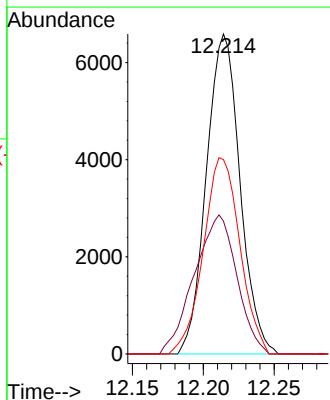
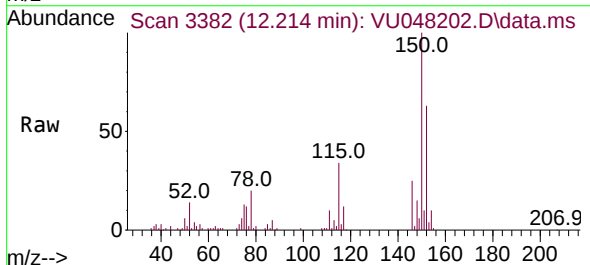
Instrument :
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ClientSampleId :
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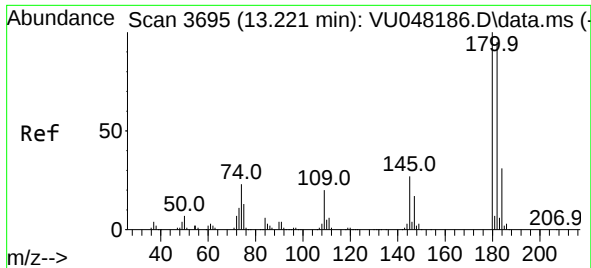
Tgt Ion:146 Resp: 9111
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 58.3 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 2.310 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048202.D
Acq: 22 Apr 2022 04:23

Tgt Ion:146 Resp: 10881
Ion Ratio Lower Upper
146 100
111 41.5 31.7 47.5
148 60.8 51.4 77.2





#69

1,3,5-Trichlorobenzene

Concen: 1.193 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU048202.D

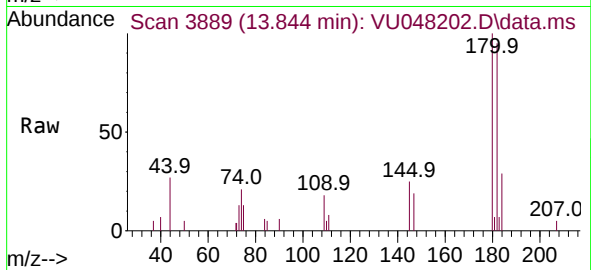
Acq: 22 Apr 2022 04:23

Instrument :

MSVOA_V

ClientSampleId :

C0HZ9



Tgt Ion:180 Resp: 4562

Ion Ratio Lower Upper

180 100

182 90.1 77.0 115.6

184 24.9 24.5 36.7

145 24.8 21.0 31.6

