

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046433.D
 Acq On : 16 Dec 2021 19:48
 Operator : SY/MD
 Sample : M5037-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

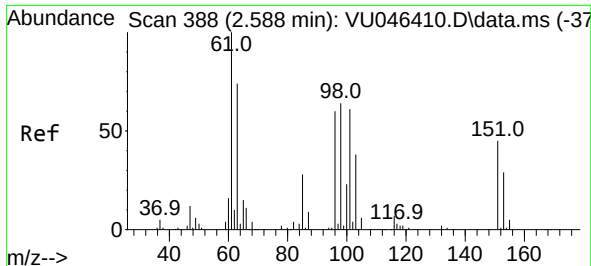
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:55:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	139654	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	144464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69857	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53402	46.420	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.840%		
7) Chloroethane-d5	1.919	69	39971	45.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.500%		
11) 1,1-Dichloroethene-d2	2.572	63	70276	34.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.060%		
21) 2-Butanone-d5	4.636	46	73211	80.055	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.050%		
24) Chloroform-d	5.067	84	96026	49.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.960%		
26) 1,2-Dichloroethane-d4	5.707	65	63401	49.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.360%		
32) Benzene-d6	5.732	84	188303	45.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.960%		
36) 1,2-Dichloropropane-d6	6.694	67	59088	46.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.100%		
41) Toluene-d8	7.899	98	161371	42.804	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.600%		
43) trans-1,3-Dichloroprop...	8.182	79	26713	43.123	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.240%		
47) 2-Hexanone-d5	8.636	63	54979	90.362	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.360%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85001	43.678	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	61897	46.009	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	482	0.474	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	419	0.434	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1138	0.743	ug/L #	73
35) Methylcyclohexane	6.694	83	14113	7.902	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6791	5.929	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1593	0.914	ug/L #	75
51) Chlorobenzene	9.449	112	4724	1.556	ug/L	93
64) 1,3-Dichlorobenzene	11.751	146	2138	0.990	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	6883	3.085	ug/L	99

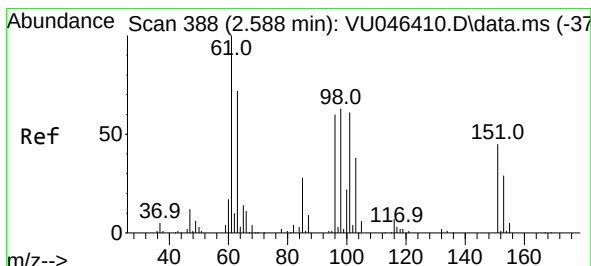
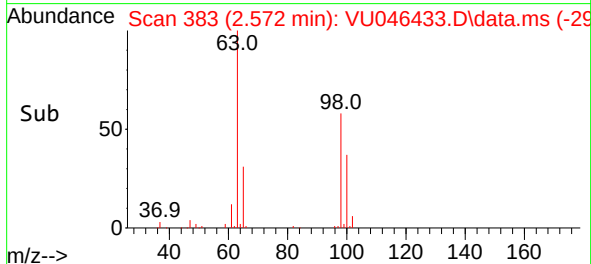
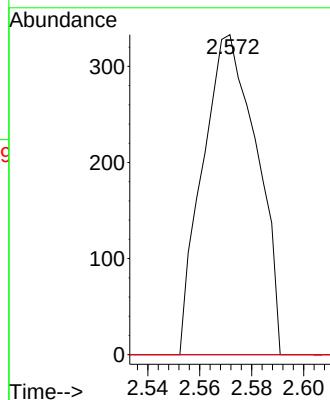
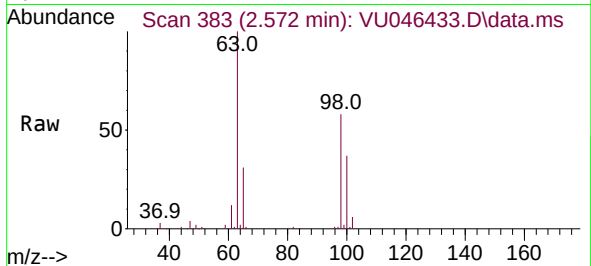
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.474 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046433.D
 Acq: 16 Dec 2021 19:48

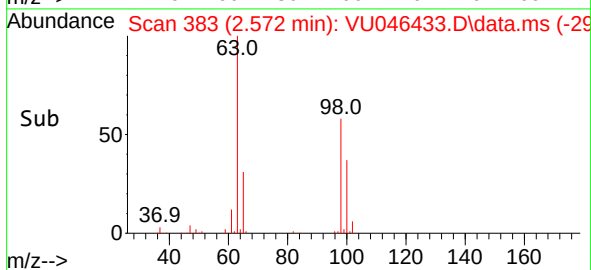
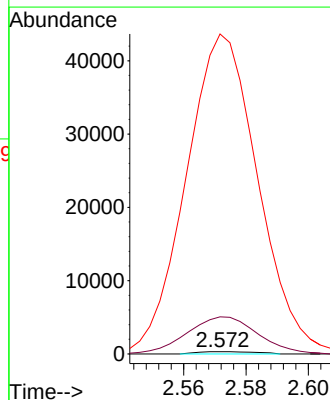
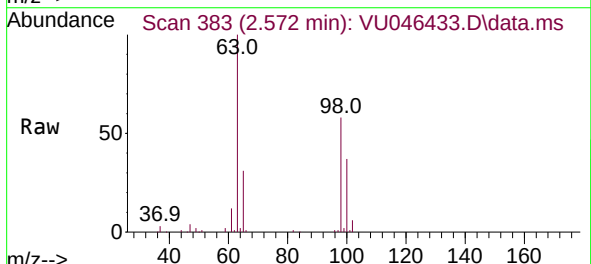
Instrument :
 MSVOA_U
 ClientSampleId :

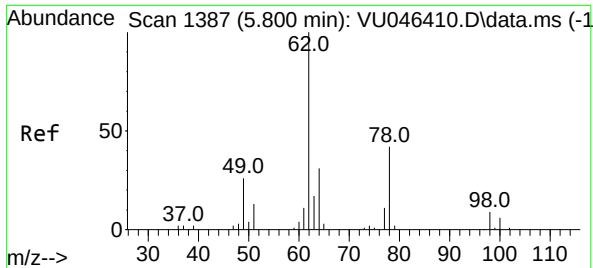
Tgt Ion:101 Resp: 482
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.434 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046433.D
 Acq: 16 Dec 2021 19:48

Tgt Ion: 96 Resp: 419
 Ion Ratio Lower Upper
 96 100
 61 1600.9 118.6 220.2#
 63 13771.6 93.0 172.8#

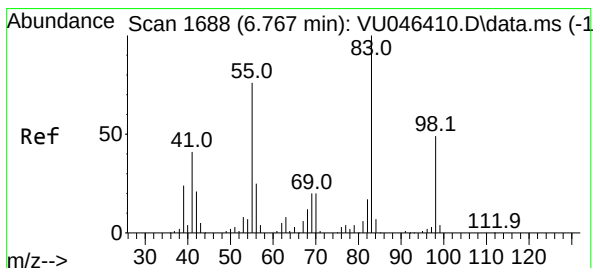
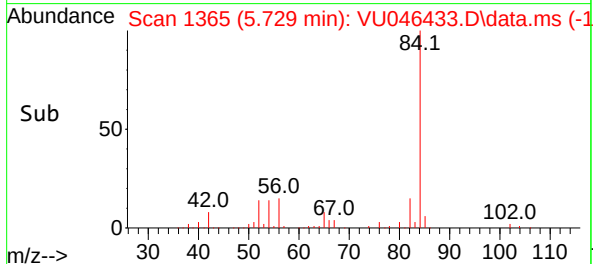
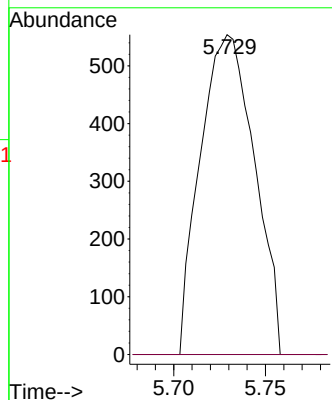
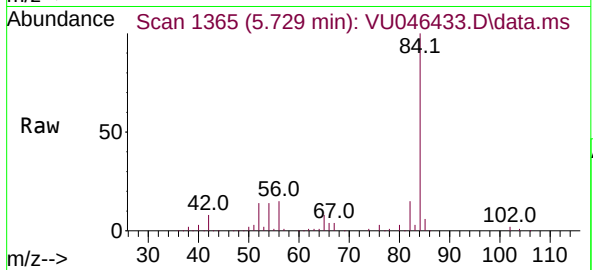




#27
1,2-Dichloroethane
Concen: 0.743 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU046433.D
Acq: 16 Dec 2021 19:48

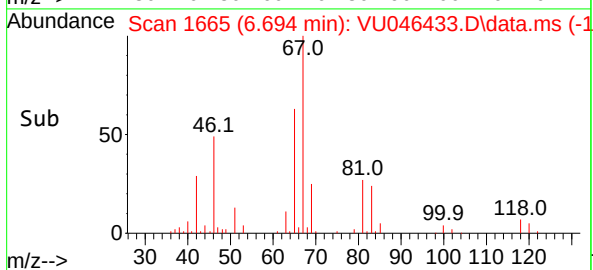
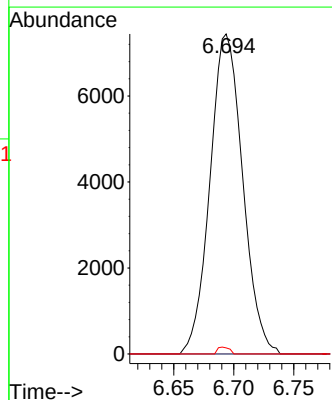
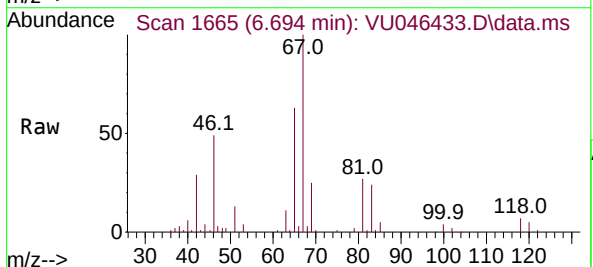
Instrument :
MSVOA_U
ClientSampleId :

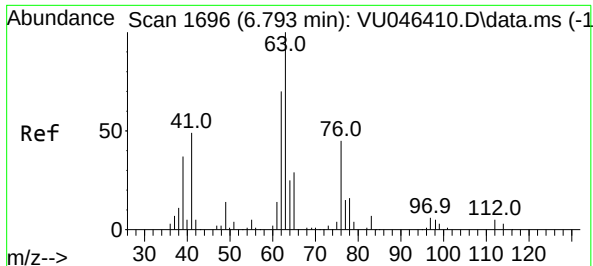
Tgt Ion: 62 Resp: 1138
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 7.902 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046433.D
Acq: 16 Dec 2021 19:48

Tgt Ion: 83 Resp: 14113
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.929 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046433.D

Acq: 16 Dec 2021 19:48

Instrument :

MSVOA_U

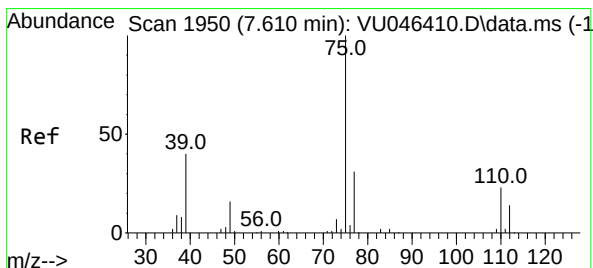
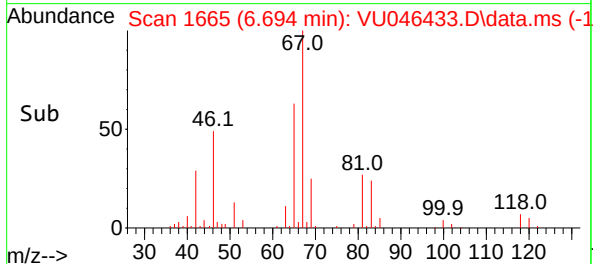
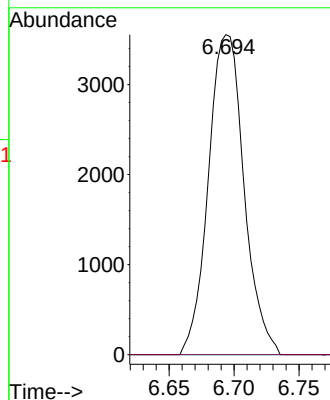
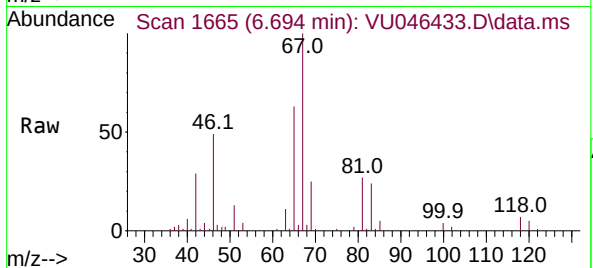
ClientSampleId :

Tgt Ion: 63 Resp: 6791

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.914 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.038 min

Lab File: VU046433.D

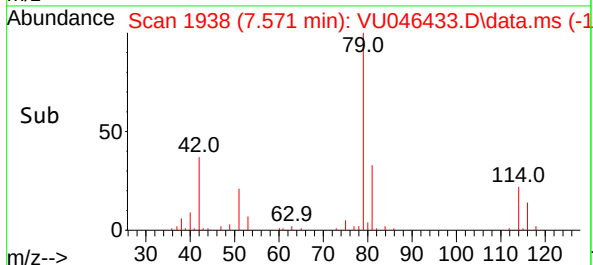
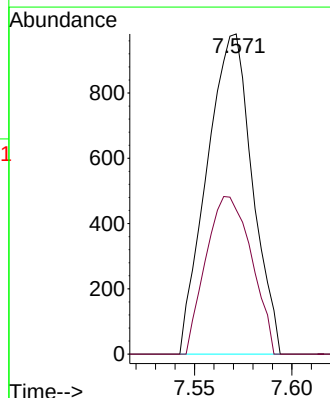
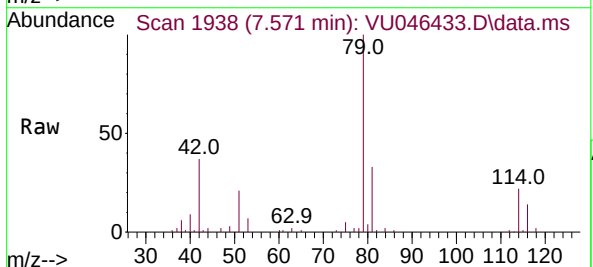
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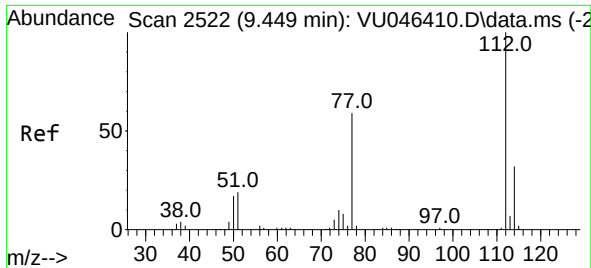
Tgt Ion: 75 Resp: 1593

Ion Ratio Lower Upper

75 100

77 45.1 21.8 40.6#

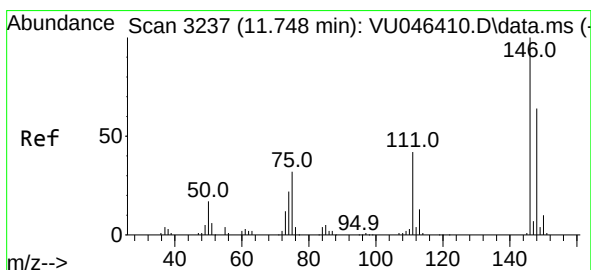
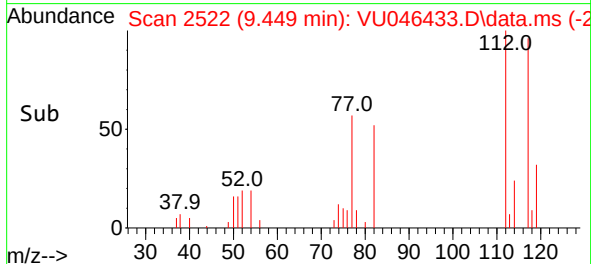
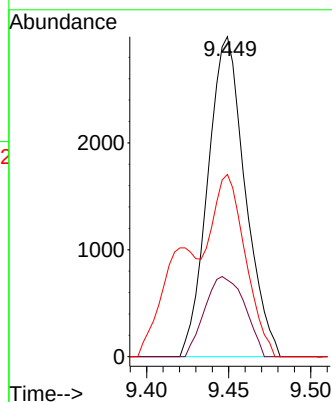
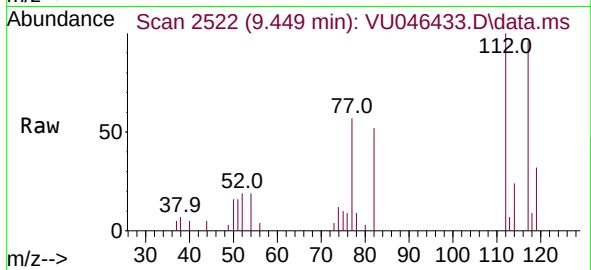




#51
Chlorobenzene
Concen: 1.556 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046433.D
Acq: 16 Dec 2021 19:48

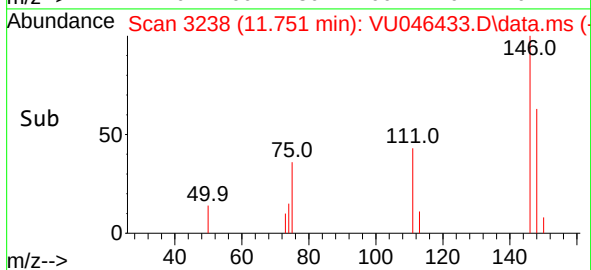
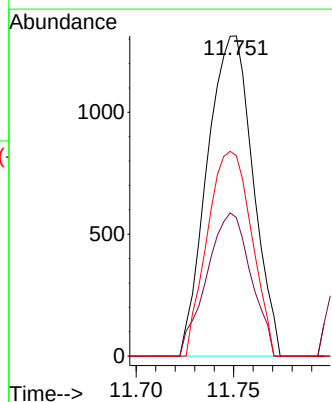
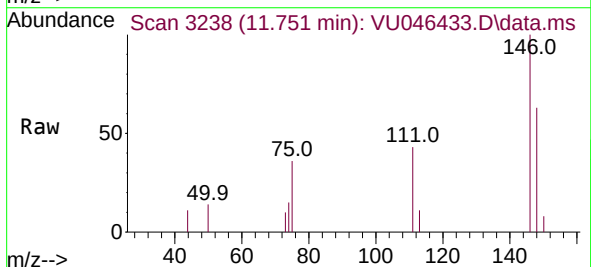
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MSVOA_U
ClientSampleId :

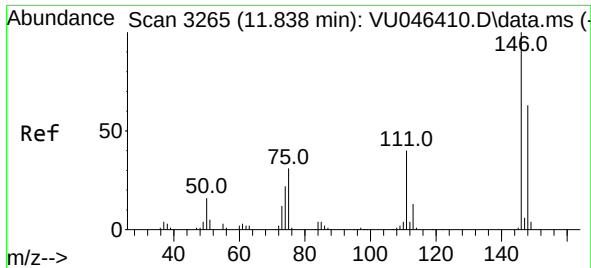
Tgt Ion:112 Resp: 4724
Ion Ratio Lower Upper
112 100
114 23.9 22.2 41.2
77 57.0 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 0.990 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU046433.D
Acq: 16 Dec 2021 19:48

Tgt Ion:146 Resp: 2138
Ion Ratio Lower Upper
146 100
111 43.3 29.5 54.9
148 62.6 45.9 85.3





#65

1,4-Dichlorobenzene

Concen: 3.085 ug/L

RT: 11.838 min Scan# 31

Delta R.T. 0.000 min

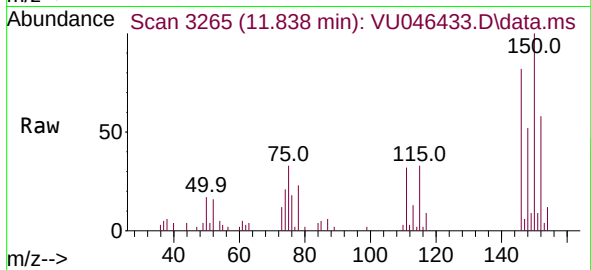
Lab File: VU046433.D

Acq: 16 Dec 2021 19:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 6883

Ion Ratio Lower Upper

146 100

111 39.6 28.3 52.7

148 63.6 43.8 81.3

