

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047962.D
 Acq On : 12 Apr 2022 17:41
 Operator : SY/MD
 Sample : N2345-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

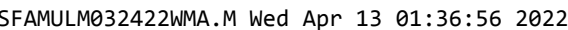
Quant Time: Apr 13 01:36:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

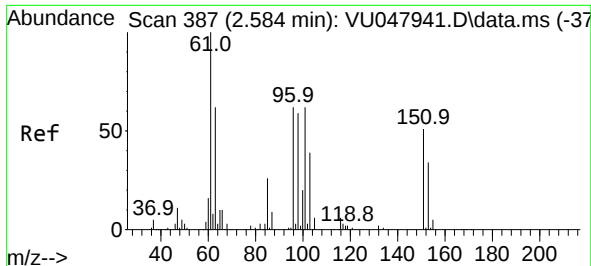
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	215460	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	223150	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118391	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123904	79.302	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 158.600%#		
7) Chloroethane-d5	1.916	69	105183	85.377	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 170.760%#		
11) 1,1-Dichloroethene-d2	2.568	63	158302	55.377	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 110.760%		
21) 2-Butanone-d5	4.620	46	190321	141.917	ug/L	-0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	= 141.920%#		
24) Chloroform-d	5.067	84	213843	74.800	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 149.600%#		
26) 1,2-Dichloroethane-d4	5.703	65	141556	80.733	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 161.460%#		
32) Benzene-d6	5.729	84	446009	79.431	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 158.860%#		
36) 1,2-Dichloropropane-d6	6.694	67	141663	82.150	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 164.300%#		
41) Toluene-d8	7.899	98	394558	72.121	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 144.240%#		
43) trans-1,3-Dichloroprop...	8.179	79	59283	67.858	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 135.720%#		
47) 2-Hexanone-d5	8.632	63	133718	132.461	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 132.460%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212682	71.866	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 143.740%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	166953	79.264	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 158.520%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1628	1.025	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	1239	0.838	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	1824	0.798	ug/L #	75
33) Benzene	5.777	78	194930	30.179	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	2654	1.043	ug/L #	73
51) Chlorobenzene	9.446	112	386277	80.271	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	8632	2.427	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	133174	36.152	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	73581	20.678	ug/L	99

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

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QLast Update : Wed Apr 13 01:28:20 2022
Response via : Initial Calibration





#10

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

Concen: 1.025 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

Lab File: VU047962.D

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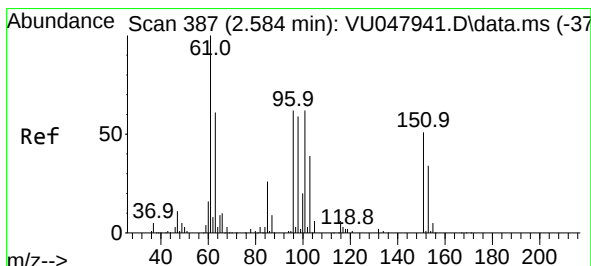
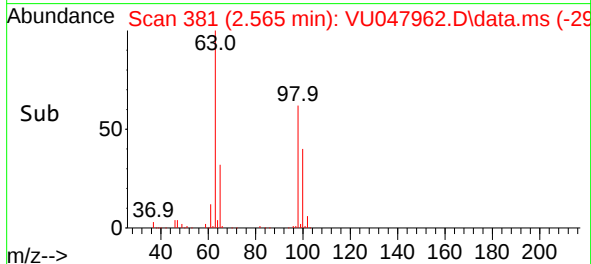
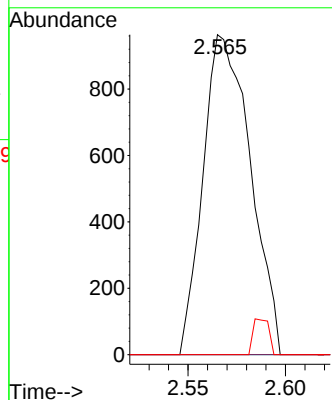
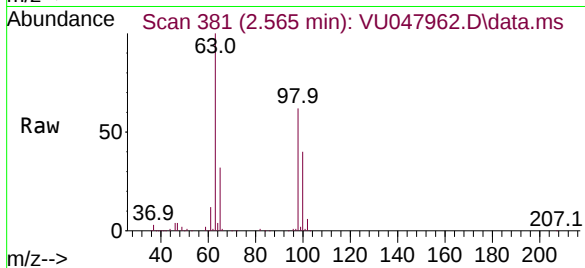
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101 Resp: 1628

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.8	49.2#
151	3.7	63.0	94.6#



#12

1,1-Dichloroethene

Concen: 0.838 ug/L

RT: 2.572 min Scan# 383

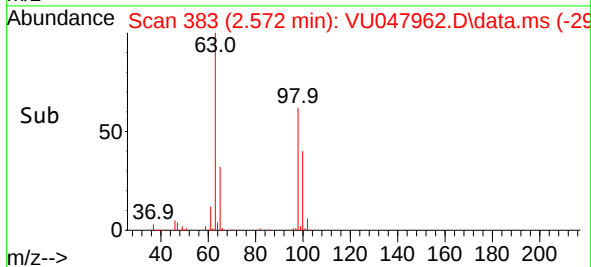
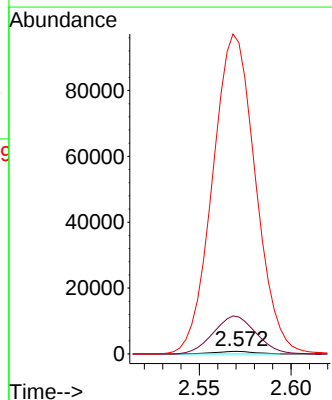
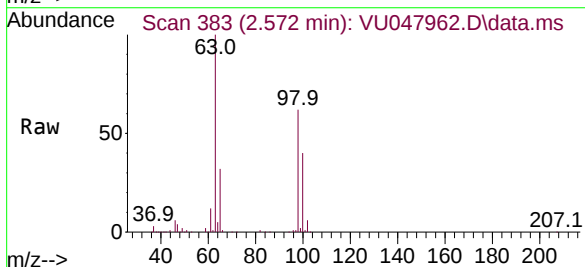
Delta R.T. -0.013 min

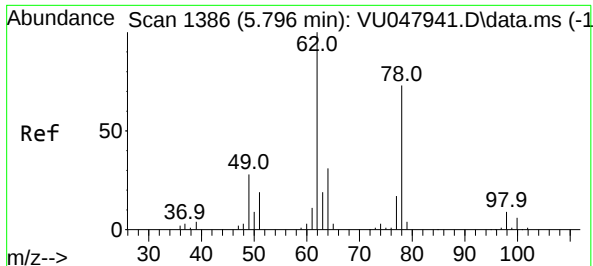
Lab File: VU047962.D

Acq: 12 Apr 2022 17:41

Tgt Ion: 96 Resp: 1239

Ion	Ratio	Lower	Upper
96	100		
61	1402.1	113.1	210.1#
63	11783.5	94.8	176.0#

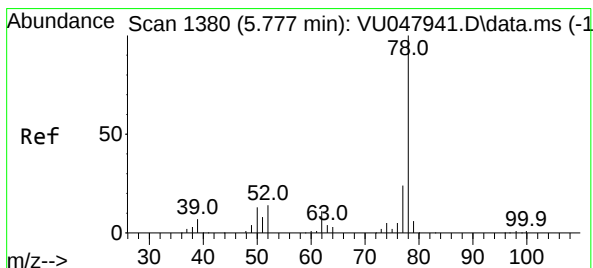
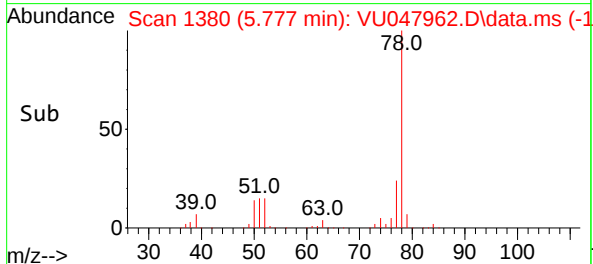
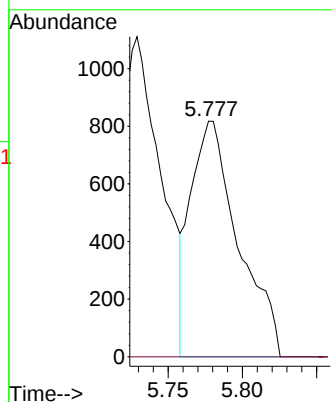
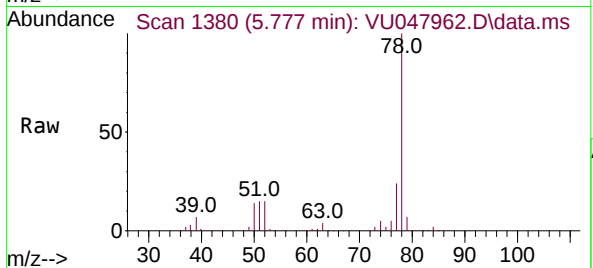




#27
1,2-Dichloroethane
Concen: 0.798 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.019 min
Lab File: VU047962.D
Acq: 12 Apr 2022 17:41

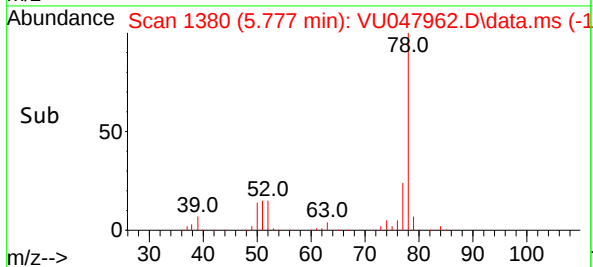
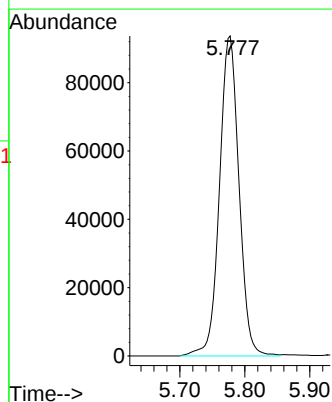
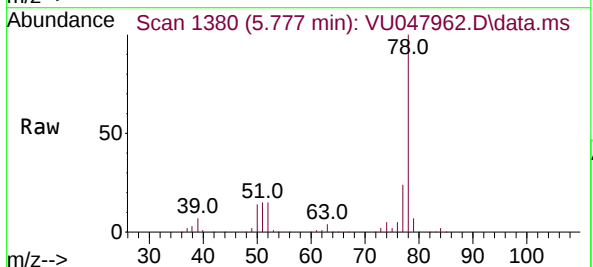
Instrument :
MSVOA_U
ClientSampleId :

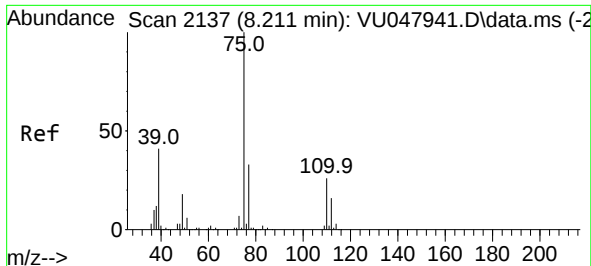
Tgt Ion: 62 Resp: 1824
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#



#33
Benzene
Concen: 30.179 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047962.D
Acq: 12 Apr 2022 17:41

Tgt Ion: 78 Resp: 194930

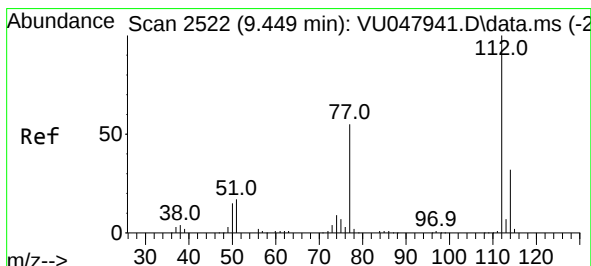
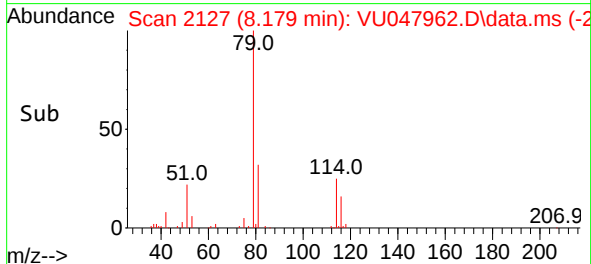
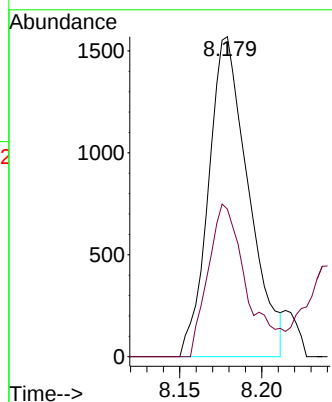
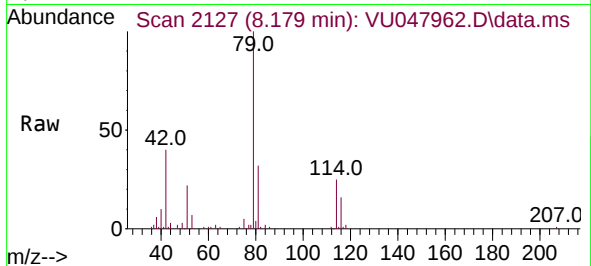




#44
trans-1,3-Dichloropropene
Concen: 1.043 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU047962.D
Acq: 12 Apr 2022 17:41

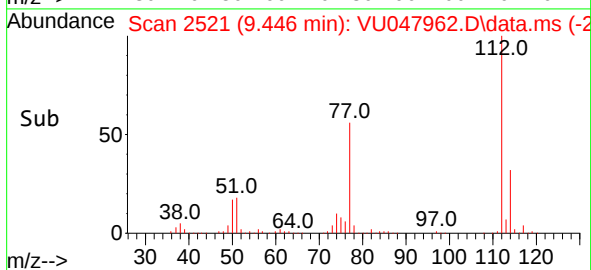
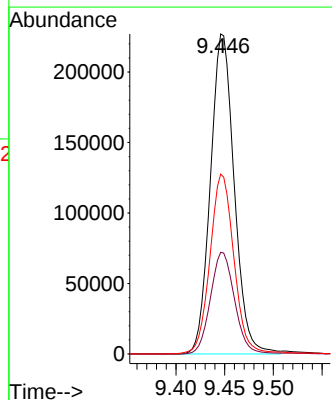
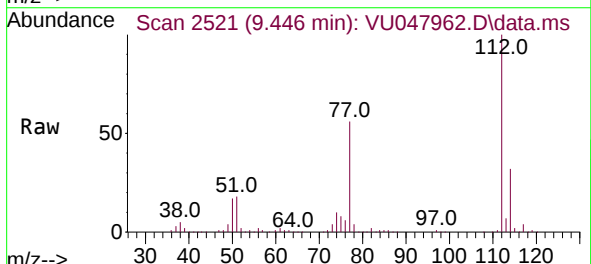
Instrument :
MSVOA_U
ClientSampleId :

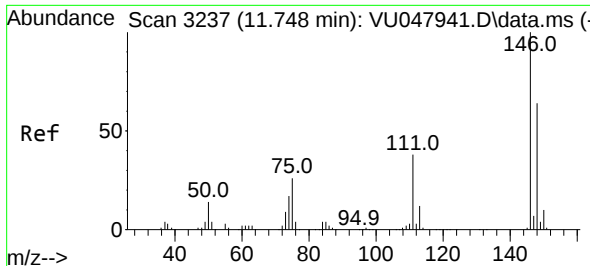
Tgt Ion: 75 Resp: 2654
Ion Ratio Lower Upper
75 100
77 46.1 22.0 40.8#



#51
Chlorobenzene
Concen: 80.271 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047962.D
Acq: 12 Apr 2022 17:41

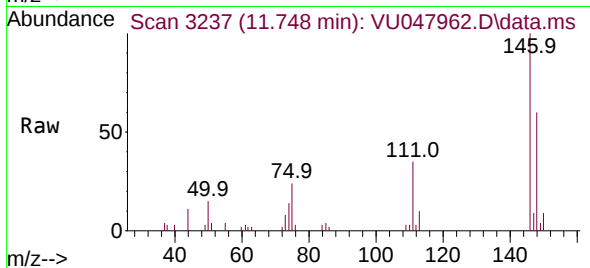
Tgt Ion: 112 Resp: 386277
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 56.2 43.4 65.0



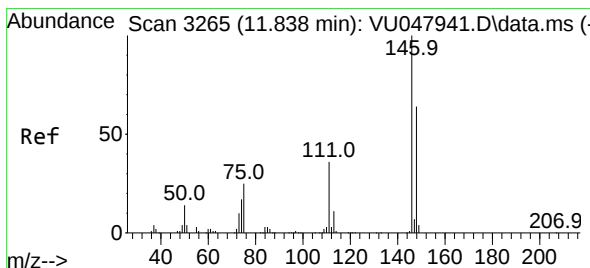
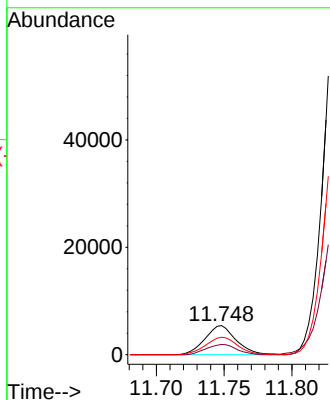
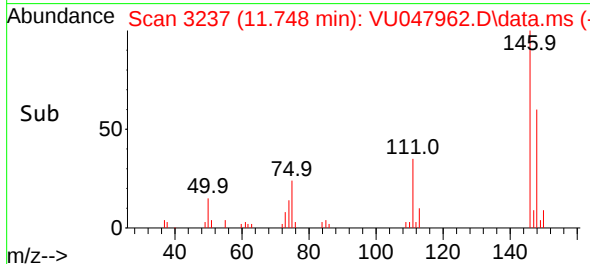


#64
1,3-Dichlorobenzene
Concen: 2.427 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047962.D
Acq: 12 Apr 2022 17:41

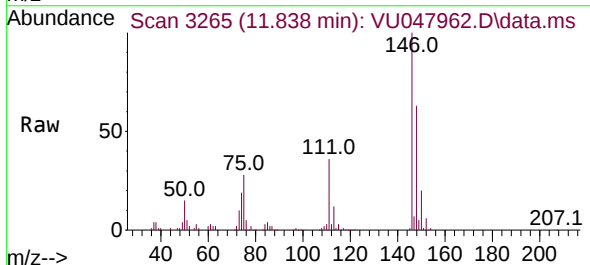
Instrument :
MSVOA_U
ClientSampleId :



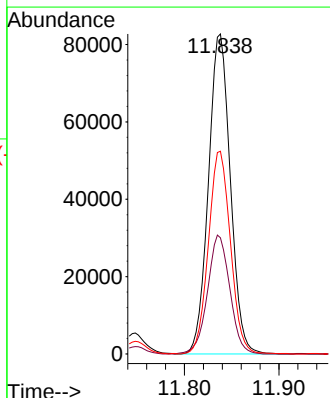
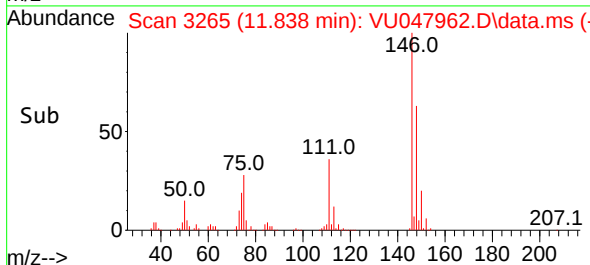
Tgt Ion:146 Resp: 8632
Ion Ratio Lower Upper
146 100
111 35.1 26.7 49.7
148 60.0 44.4 82.5

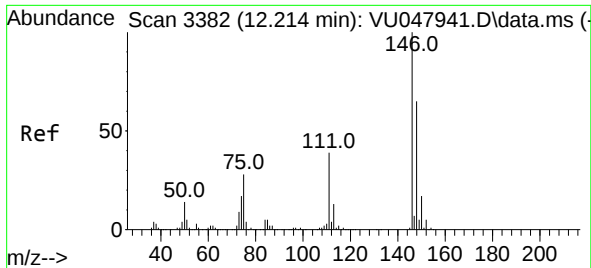


#65
1,4-Dichlorobenzene
Concen: 36.152 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047962.D
Acq: 12 Apr 2022 17:41



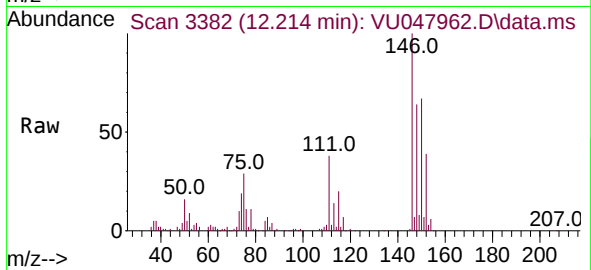
Tgt Ion:146 Resp: 133174
Ion Ratio Lower Upper
146 100
111 36.3 25.3 47.1
148 63.3 44.5 82.7





#67
 1,2-Dichlorobenzene
 Concen: 20.678 ug/L
 RT: 12.214 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047962.D
 Acq: 12 Apr 2022 17:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	73581
Ion	Ratio	Lower	Upper
146	100		
111	38.3	31.7	47.5
148	64.4	51.4	77.2

