

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048194.D
 Acq On : 22 Apr 2022 00:06
 Operator : SY/MD
 Sample : N2485-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

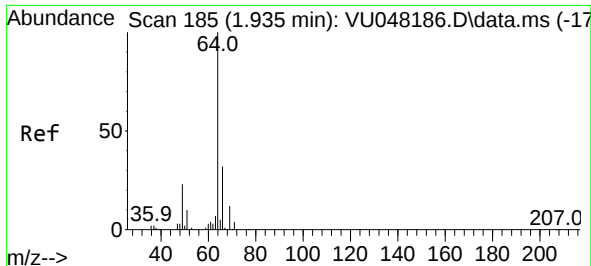
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J27

Quant Time: Apr 22 06:36:38 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	315671	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	336432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	160775	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	90554	39.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.120%
7) Chloroethane-d5	1.912	69	81711	45.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.540%
11) 1,1-Dichloroethene-d2	2.568	63	127395	30.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.840%
21) 2-Butanone-d5	4.620	46	173542	88.325	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.320%
24) Chloroform-d	5.066	84	192381	45.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.860%
26) 1,2-Dichloroethane-d4	5.703	65	120809	47.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.060%
32) Benzene-d6	5.729	84	380920	44.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.690	67	130317	50.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	7.899	98	327757	39.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.480%#
43) trans-1,3-Dichloroprop...	8.179	79	51227	38.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.780%
47) 2-Hexanone-d5	8.632	63	114639	75.323	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	199285	44.665	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	140713	49.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.380%
Target Compounds						Qvalue
8) Chloroethane	1.607	64	4544	2.536	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1236	0.531	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	981	0.453	ug/L #	1
35) Methylcyclohexane	6.693	83	29281	7.539	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	13230	5.344	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2647	0.689	ug/L #	51
51) Chlorobenzene	9.449	112	6533	0.900	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	6368	1.273	ug/L	93
67) 1,2-Dichlorobenzene	12.214	146	4699	0.972	ug/L #	84

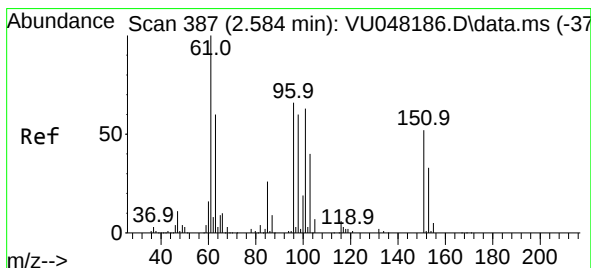
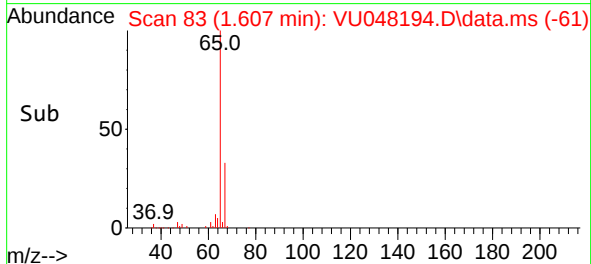
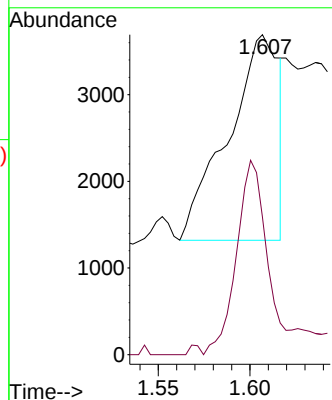
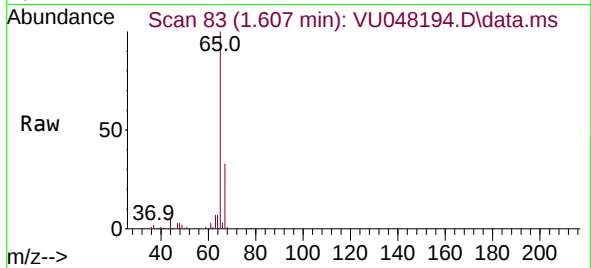
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 2.536 ug/L
RT: 1.607 min Scan# 81
Delta R.T. -0.328 min
Lab File: VU048194.D
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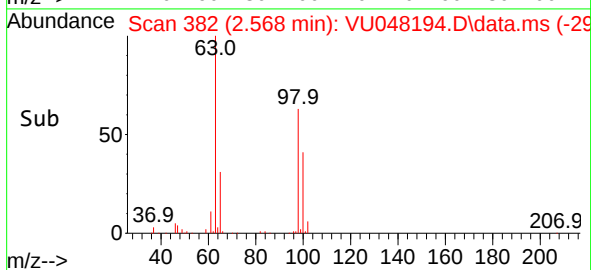
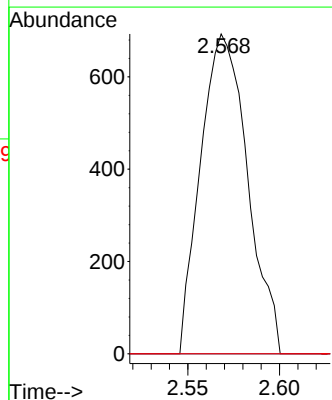
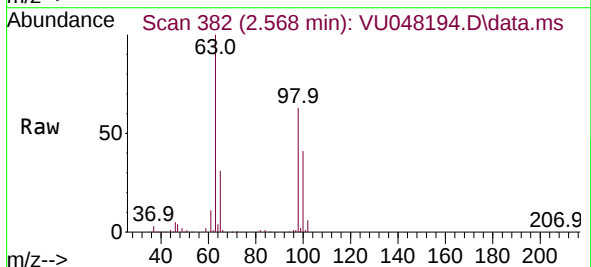
Instrument :
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C0J27

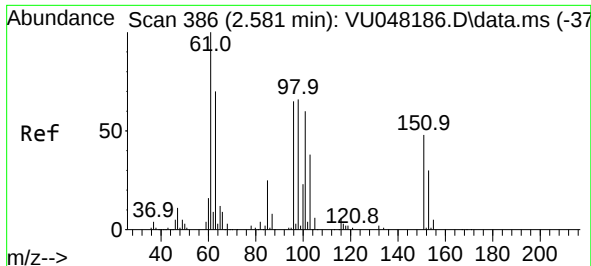
Tgt Ion: 64 Resp: 4544
Ion Ratio Lower Upper
64 100
66 43.0 23.3 43.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.531 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048194.D
Acq: 22 Apr 2022 00:06

Tgt Ion: 101 Resp: 1236
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: 0.453 ug/L

RT: 2.575 min Scan# 3

Delta R.T. -0.006 min

Lab File: VU048194.D

Acq: 22 Apr 2022 00:06

Instrument :

MSVOA_V

ClientSampleId :

C0J27

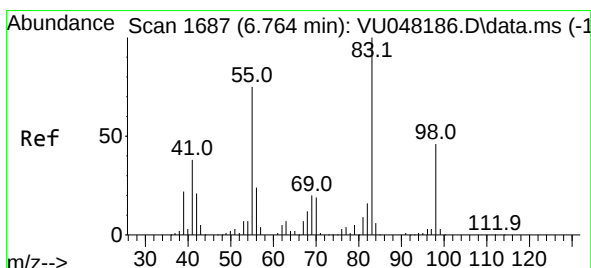
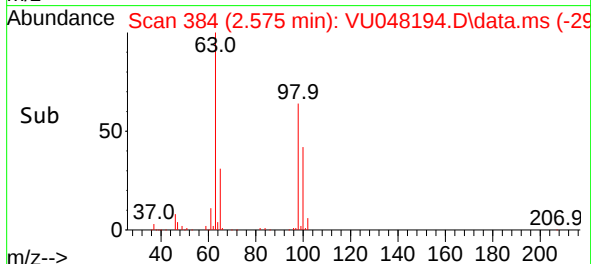
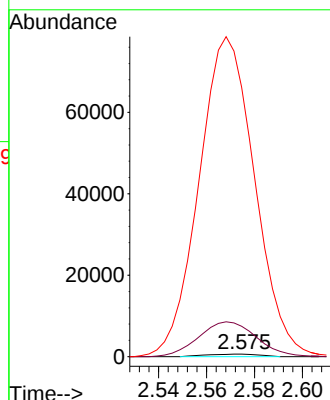
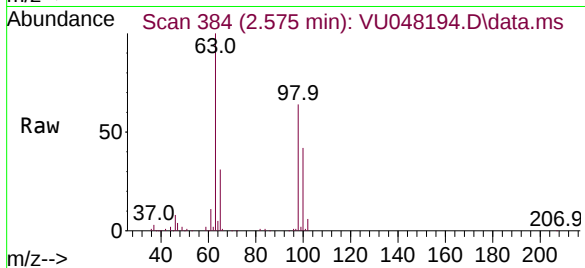
Tgt Ion: 96 Resp: 981

Ion Ratio Lower Upper

96 100

61 1170.3 113.1 210.1#

63 10386.2 94.8 176.0#



#35

Methylcyclohexane

Concen: 7.539 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU048194.D

Acq: 22 Apr 2022 00:06

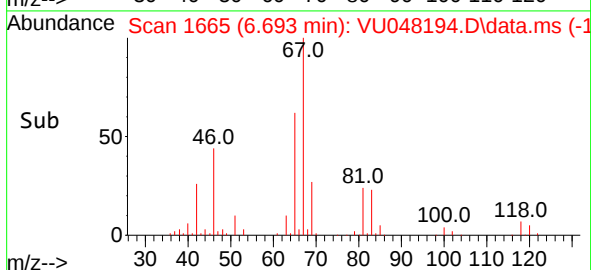
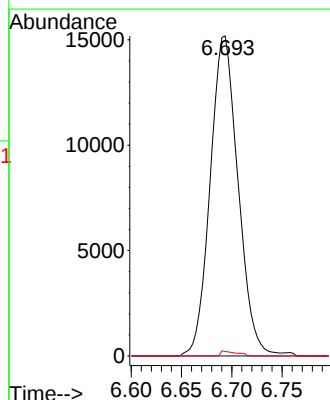
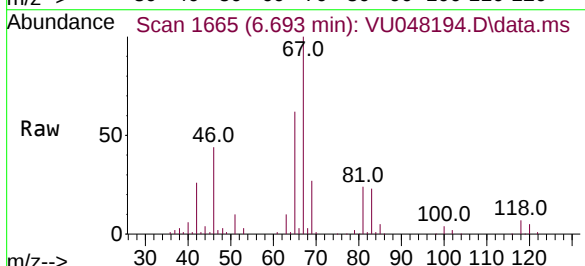
Tgt Ion: 83 Resp: 29281

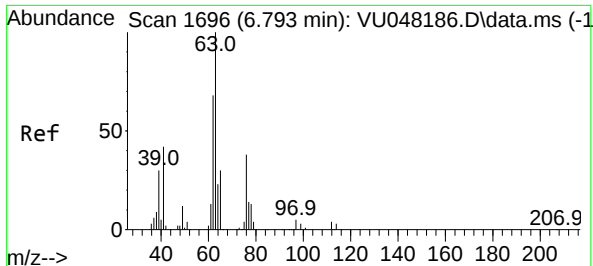
Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 0.7 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.344 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048194.D

Acq: 22 Apr 2022 00:06

Instrument :

MSVOA_V

ClientSampleId :

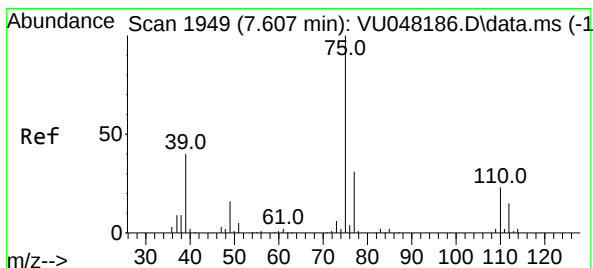
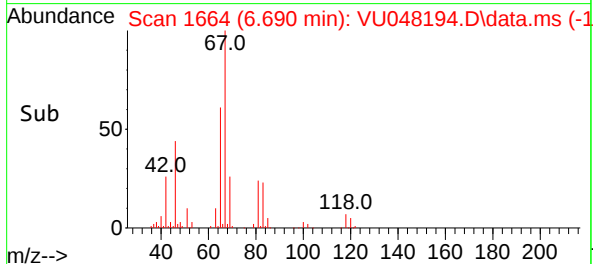
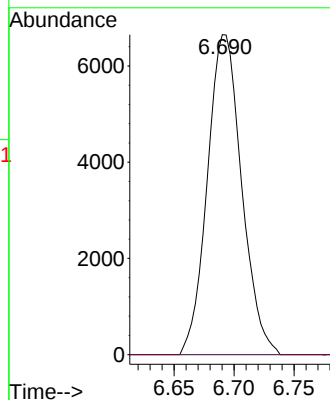
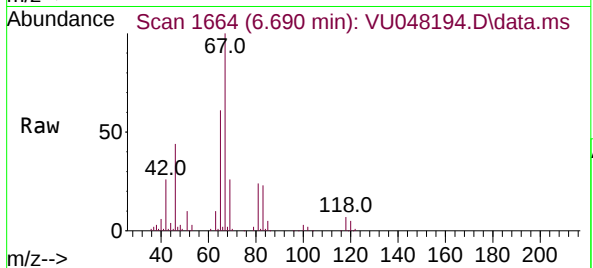
C0J27

Tgt Ion: 63 Resp: 13230

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.689 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU048194.D

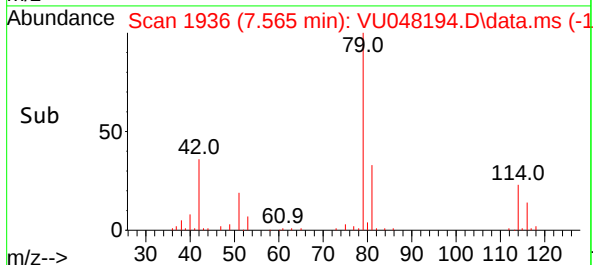
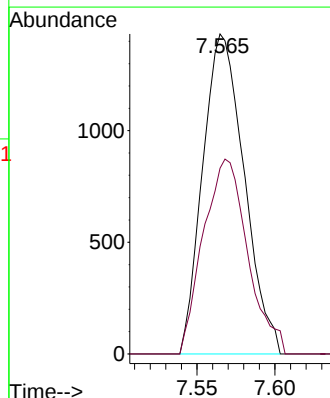
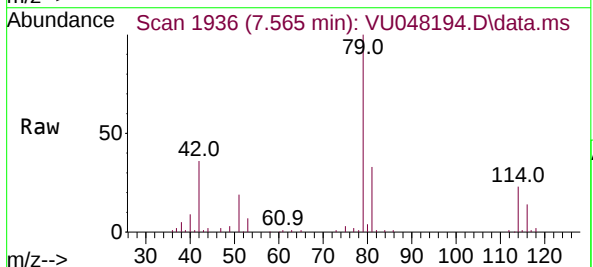
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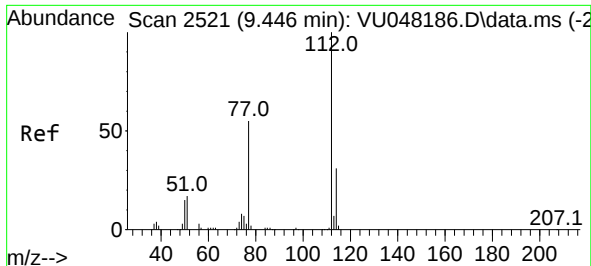
Tgt Ion: 75 Resp: 2647

Ion Ratio Lower Upper

75 100

77 58.1 21.8 40.6#

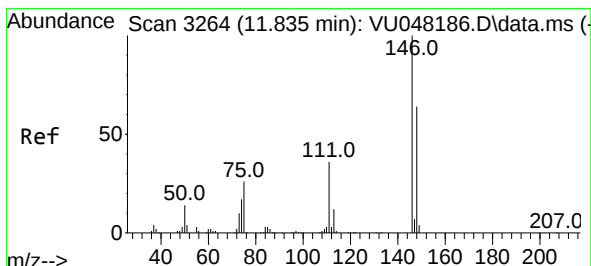
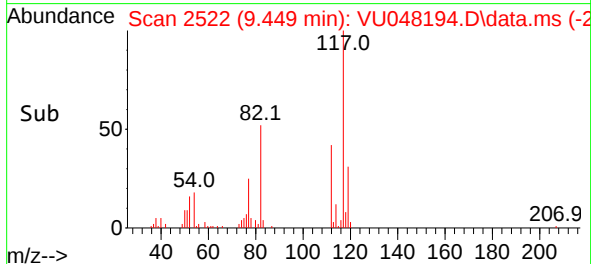
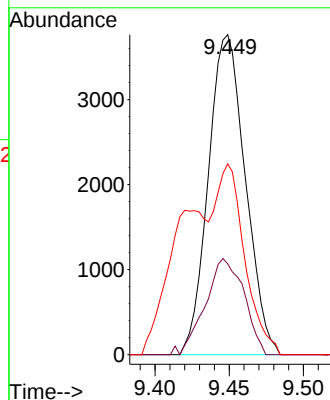
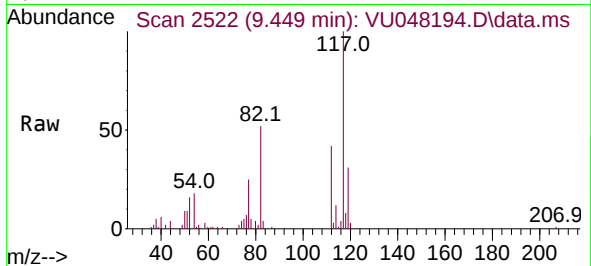




#51
Chlorobenzene
Concen: 0.900 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048194.D
Acq: 22 Apr 2022 00:06

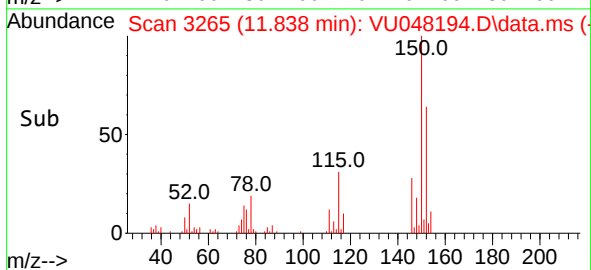
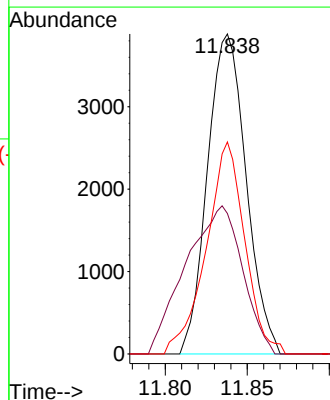
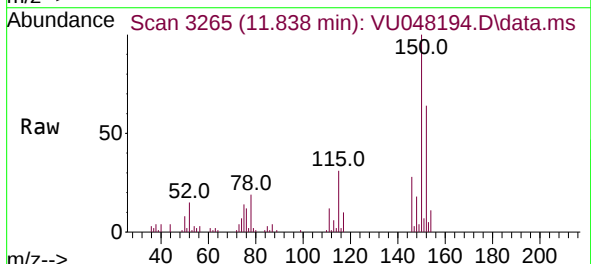
Instrument :
MSVOA_V
ClientSampleId :
C0J27

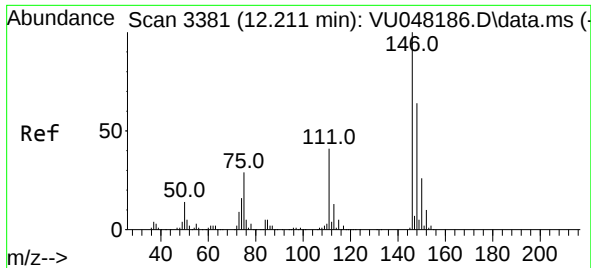
Tgt Ion:112 Resp: 6533
Ion Ratio Lower Upper
112 100
114 26.7 22.1 41.1
77 56.2 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 1.273 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048194.D
Acq: 22 Apr 2022 00:06

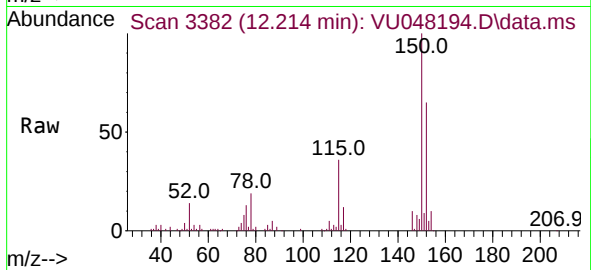
Tgt Ion:146 Resp: 6368
Ion Ratio Lower Upper
146 100
111 43.9 25.3 47.1
148 66.2 44.5 82.7





#67
 1,2-Dichlorobenzene
 Concen: 0.972 ug/L
 RT: 12.214 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048194.D
 Acq: 22 Apr 2022 00:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J27



Tgt Ion:	146	Resp:	4699
Ion	Ratio	Lower	Upper
146	100		
111	53.4	31.7	47.5#
148	74.0	51.4	77.2

