

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047905.D
 Acq On : 11 Apr 2022 14:56
 Operator : SY/MD
 Sample : N2343-04DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:03:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

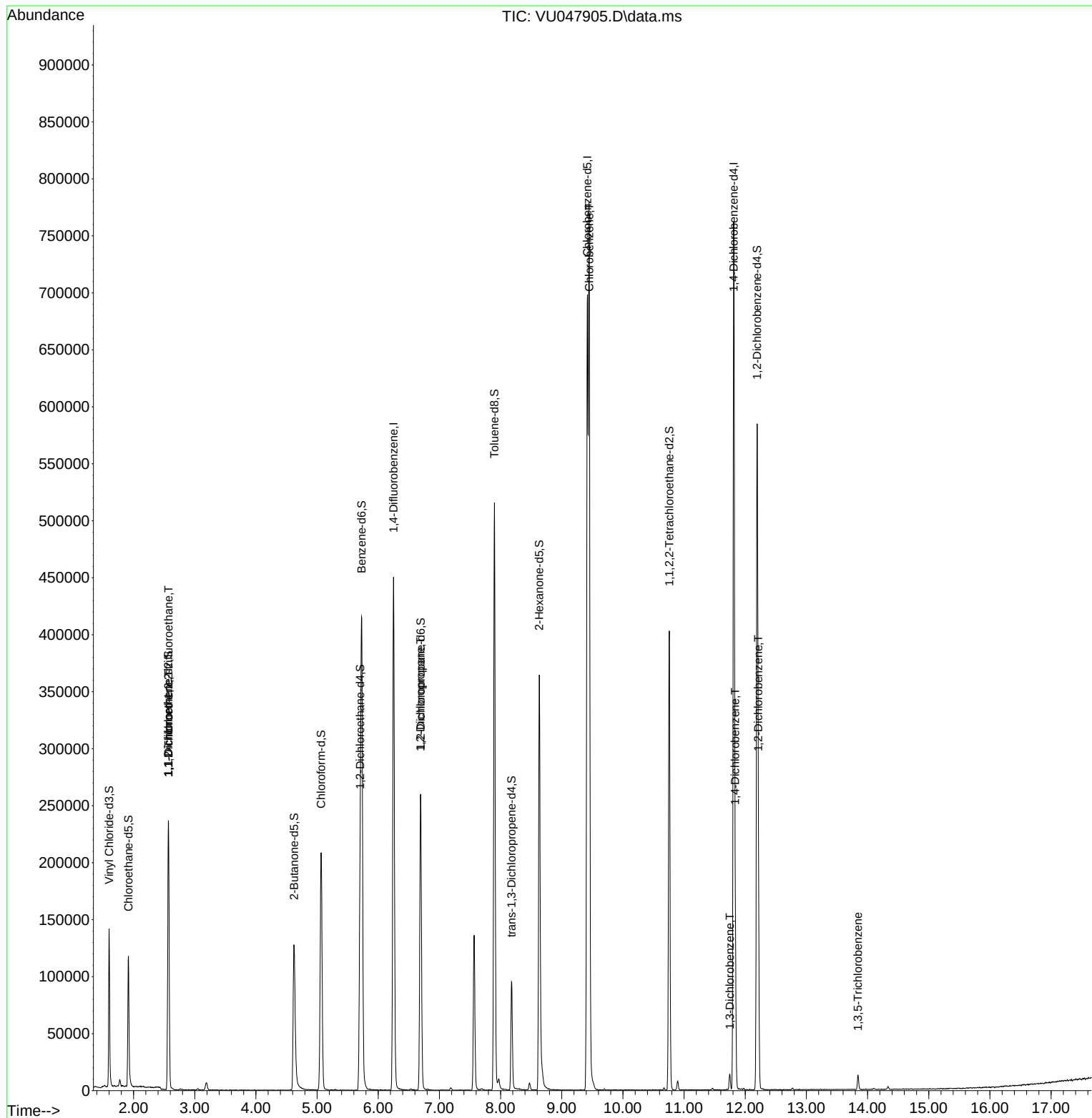
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	385995	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	404104	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	211564	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101451	36.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.480%
7) Chloroethane-d5	1.916	69	90223	40.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.760%
11) 1,1-Dichloroethene-d2	2.568	63	136514	26.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.320%#
21) 2-Butanone-d5	4.623	46	177119	73.722	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.720%
24) Chloroform-d	5.067	84	195313	38.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.280%
26) 1,2-Dichloroethane-d4	5.703	65	129049	41.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.160%
32) Benzene-d6	5.729	84	394838	38.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.660%
36) 1,2-Dichloropropane-d6	6.694	67	127349	40.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.560%
41) Toluene-d8	7.899	98	344487	34.772	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.540%#
43) trans-1,3-Dichloroprop...	8.179	79	53824	34.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.040%
47) 2-Hexanone-d5	8.632	63	125412	68.603	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	195689	36.514	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.020%
66) 1,2-Dichlorobenzene-d4	12.195	152	152919	40.628	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.260%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1265	0.445	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1088	0.411	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	13579	4.567	ug/L #	88
51) Chlorobenzene	9.449	112	418781	48.056	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	6652	1.047	ug/L	92
65) 1,4-Dichlorobenzene	11.835	146	57060	8.668	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	72171	11.349	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	4792	0.928	ug/L	95

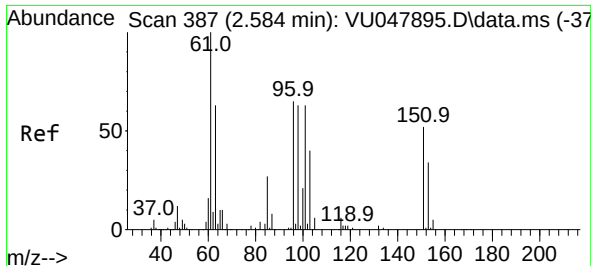
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 12 01:57:58 2022
Response via : Initial Calibration





#10

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

Concen: 0.445 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047905.D

Acq: 11 Apr 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

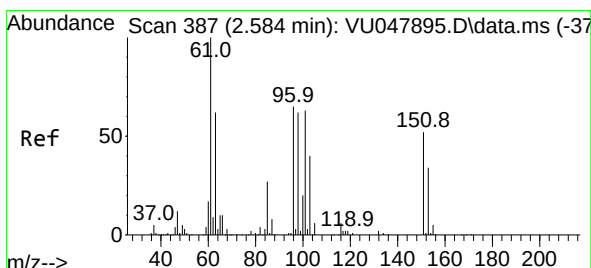
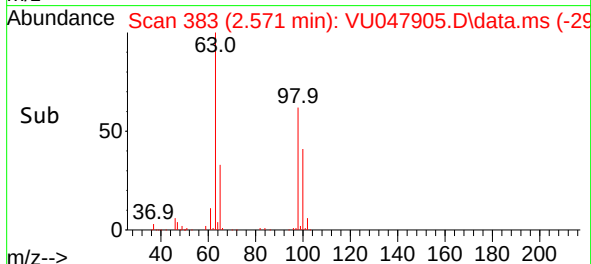
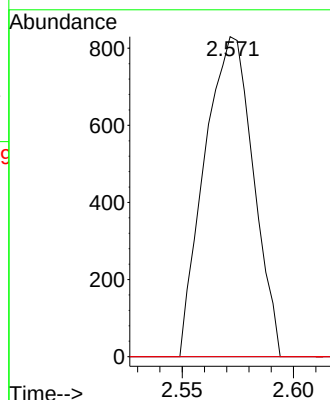
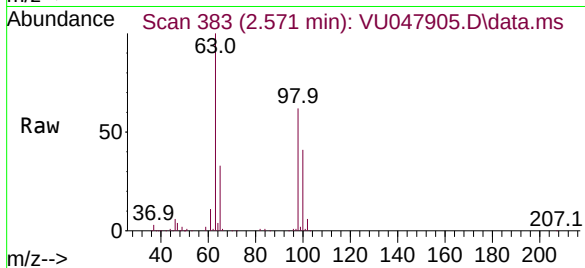
Tgt Ion:101 Resp: 1265

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: 0.411 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047905.D

Acq: 11 Apr 2022 14:56

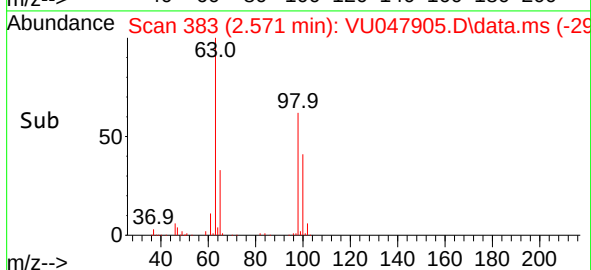
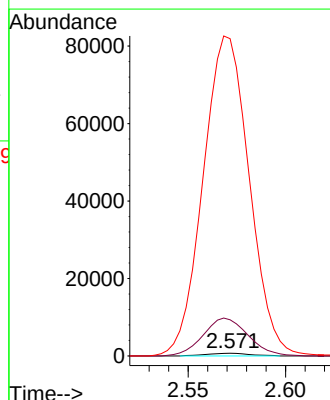
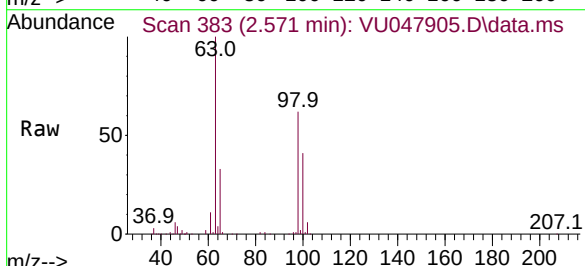
Tgt Ion: 96 Resp: 1088

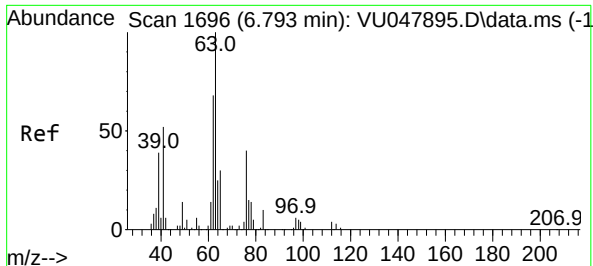
Ion Ratio Lower Upper

96 100

61 1361.9 113.1 210.1#

63 11925.5 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 4.567 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047905.D

Acq: 11 Apr 2022 14:56

Instrument :

MSVOA_U

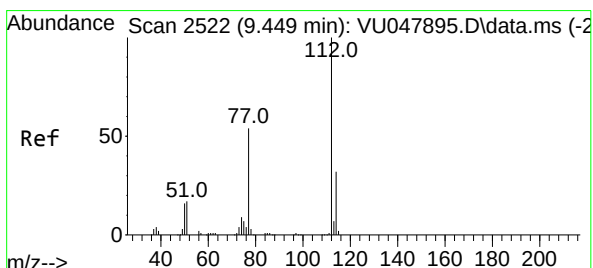
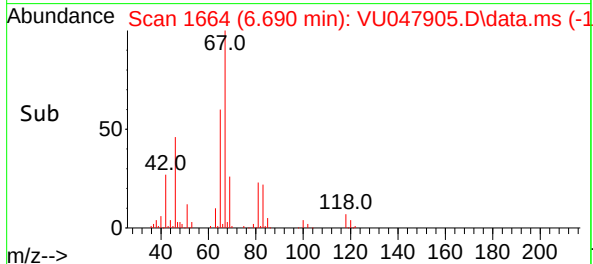
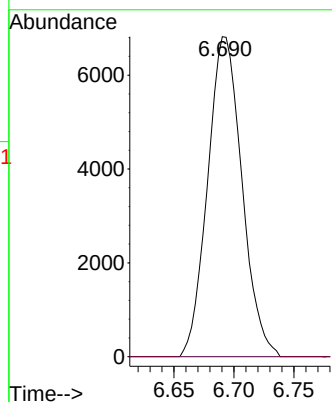
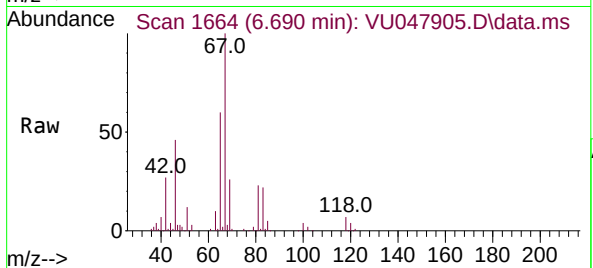
ClientSampleId :

Tgt Ion: 63 Resp: 13579

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.2#



#51

Chlorobenzene

Concen: 48.056 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047905.D

Acq: 11 Apr 2022 14:56

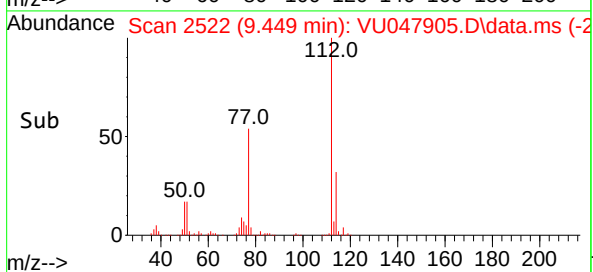
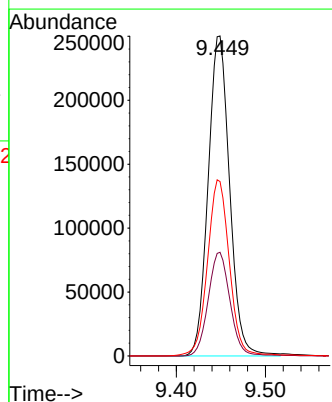
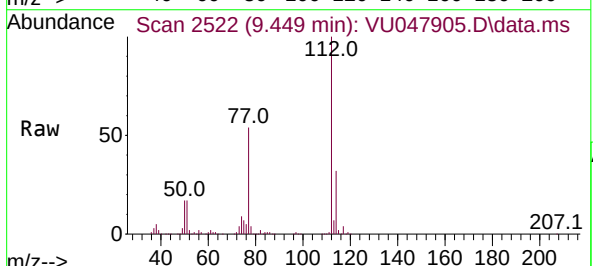
Tgt Ion:112 Resp: 418781

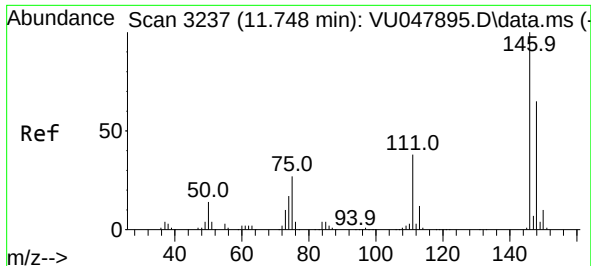
Ion Ratio Lower Upper

112 100

114 32.4 22.1 41.1

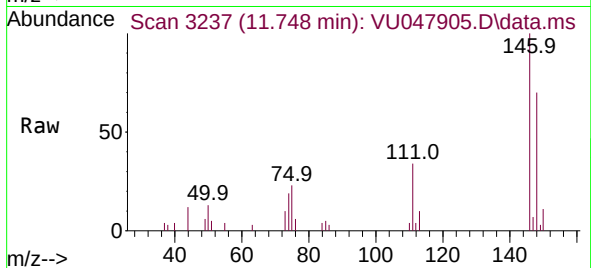
77 54.5 43.4 65.0



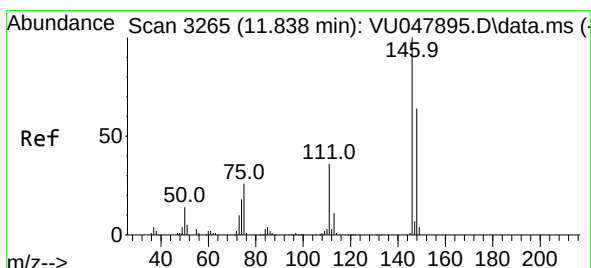
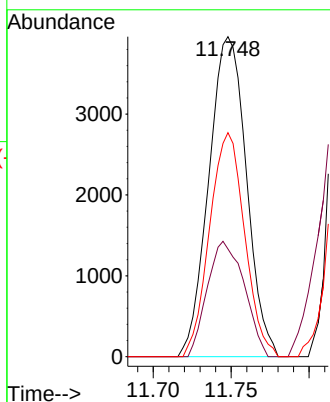
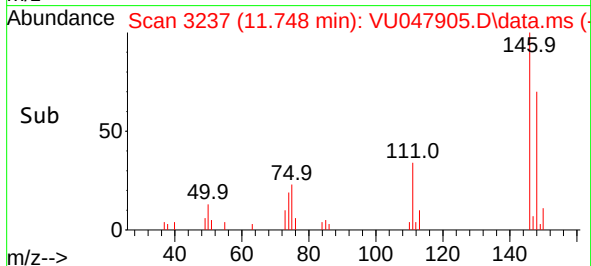


#64
1,3-Dichlorobenzene
Concen: 1.047 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047905.D
Acq: 11 Apr 2022 14:56

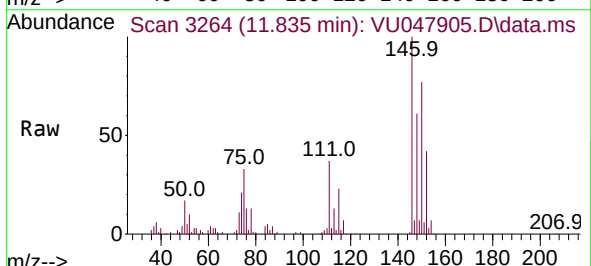
Instrument :
MSVOA_U
ClientSampleId :



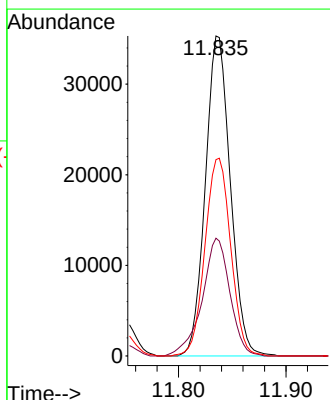
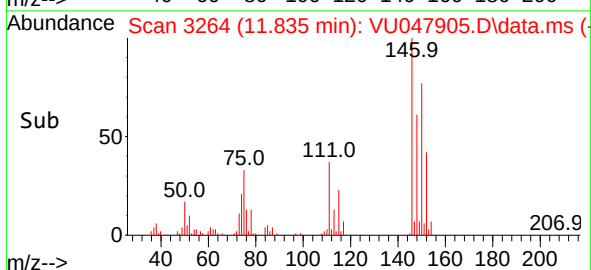
Tgt Ion:146 Resp: 6652
Ion Ratio Lower Upper
146 100
111 33.7 26.7 49.7
148 70.0 44.4 82.5

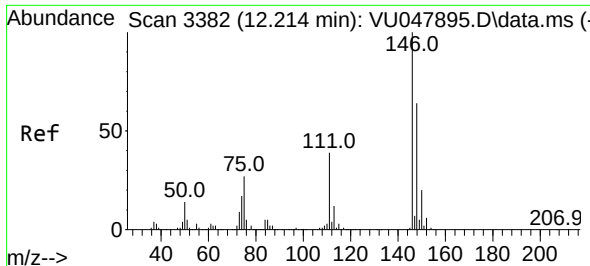


#65
1,4-Dichlorobenzene
Concen: 8.668 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047905.D
Acq: 11 Apr 2022 14:56



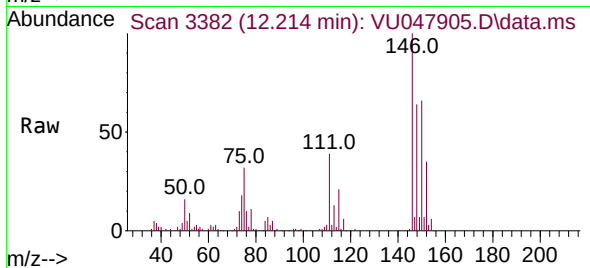
Tgt Ion:146 Resp: 57060
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 61.4 44.5 82.7



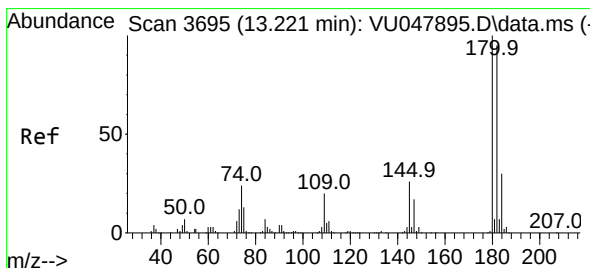
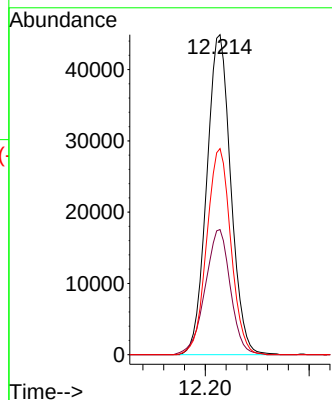
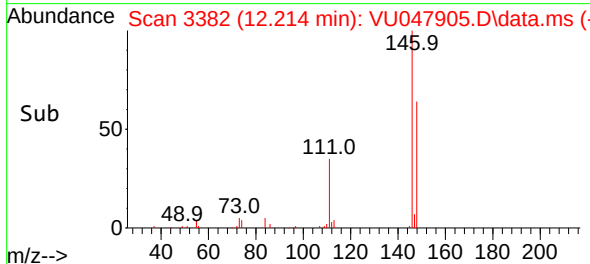


#67
1,2-Dichlorobenzene
Concen: 11.349 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047905.D
Acq: 11 Apr 2022 14:56

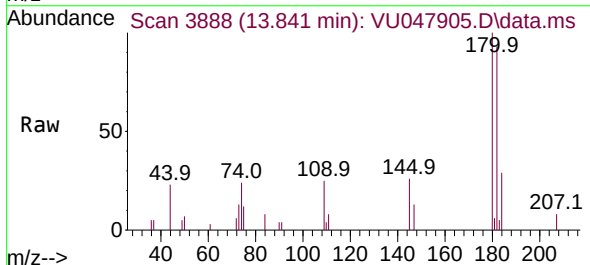
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 72171
Ion Ratio Lower Upper
146 100
111 39.1 31.7 47.5
148 64.4 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 0.928 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU047905.D
Acq: 11 Apr 2022 14:56



Tgt Ion:180 Resp: 4792
Ion Ratio Lower Upper
180 100
182 100.8 77.0 115.6
184 29.5 24.5 36.7
145 30.1 21.0 31.6

