

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048179.D
 Acq On : 21 Apr 2022 17:40
 Operator : SY/MD
 Sample : N2485-20 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J28

Quant Time: Apr 22 01:52:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

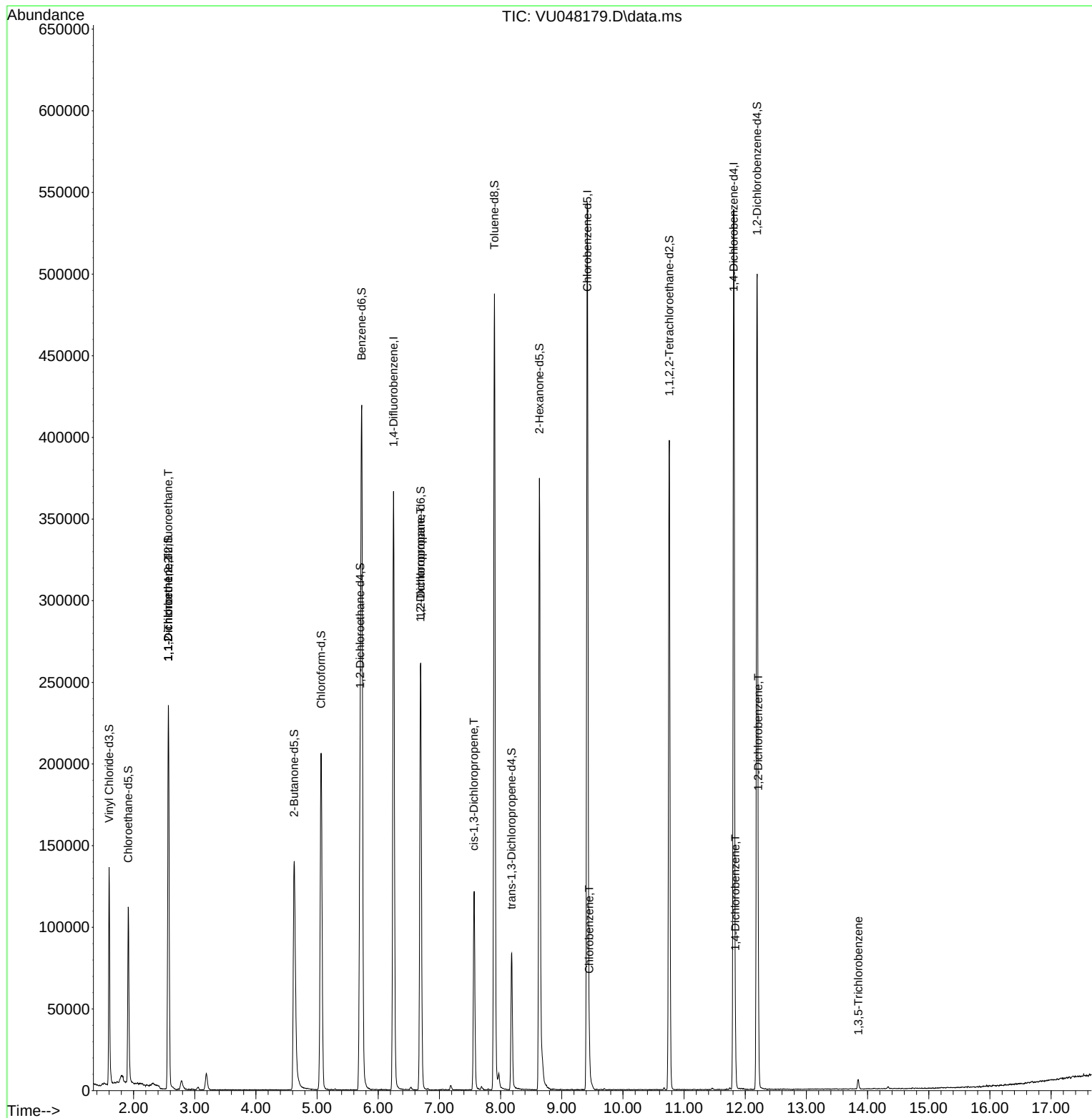
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	314880	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	330300	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	156553	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	100927	44.200	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.400%
7) Chloroethane-d5	1.912	69	87322	48.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.568	63	137466	32.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.800%
21) 2-Butanone-d5	4.626	46	186710	95.266	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.270%
24) Chloroform-d	5.067	84	196548	47.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	5.703	65	123240	48.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.180%
32) Benzene-d6	5.729	84	400859	48.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.460%
36) 1,2-Dichloropropane-d6	6.694	67	132567	51.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.880%
41) Toluene-d8	7.899	98	335976	41.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.980%
43) trans-1,3-Dichloroprop...	8.179	79	48793	37.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.460%
47) 2-Hexanone-d5	8.636	63	124913	83.598	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200194	45.701	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	141076	50.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.300%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1418	0.611	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1082	0.501	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	13598	5.595	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2744	0.728	ug/L #	57
51) Chlorobenzene	9.449	112	10967	1.540	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	8036	1.650	ug/L	88
67) 1,2-Dichlorobenzene	12.211	146	10208	2.169	ug/L	95
69) 1,3,5-Trichlorobenzene	13.848	180	2806	0.735	ug/L #	82

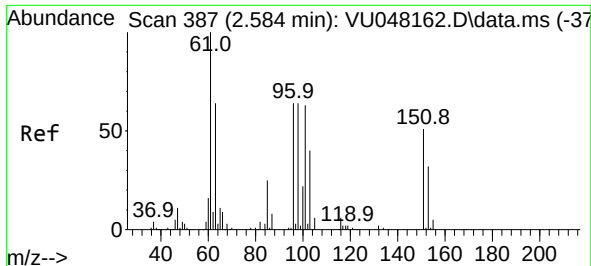
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 22 01:48:00 2022
Response via : Initial Calibration





#10

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

Concen: 0.611 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048179.D

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Instrument :

MSVOA_U

ClientSampleId :

C0J28

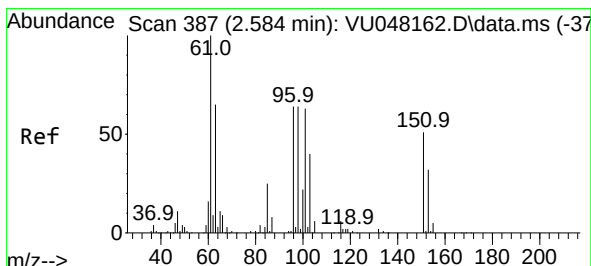
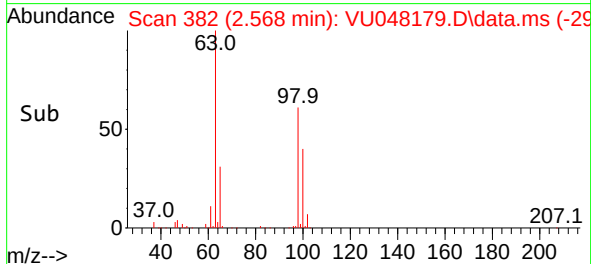
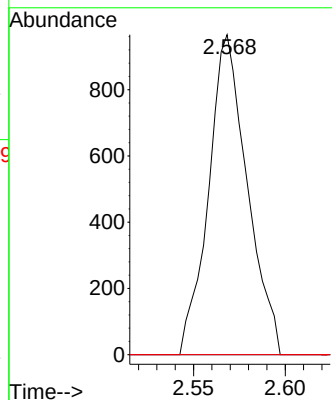
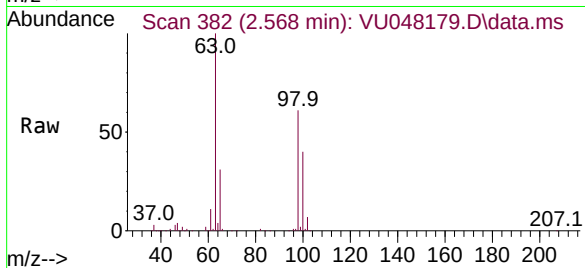
Tgt Ion:101 Resp: 1418

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: 0.501 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048179.D

Acq: 21 Apr 2022 17:40

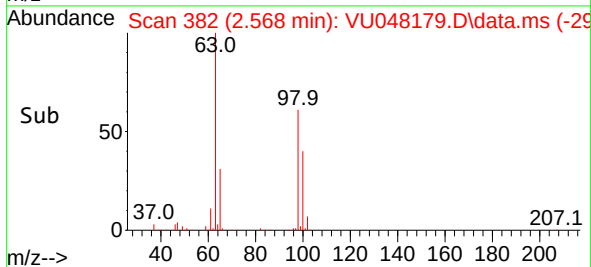
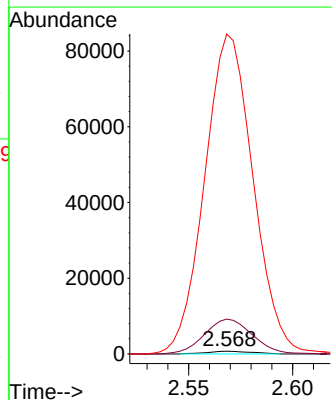
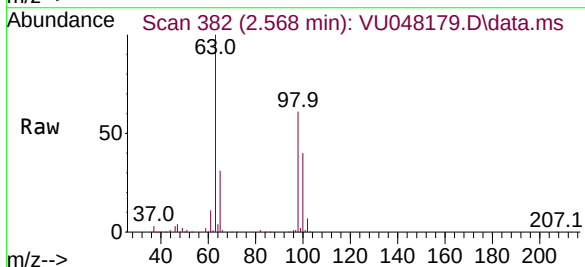
Tgt Ion: 96 Resp: 1082

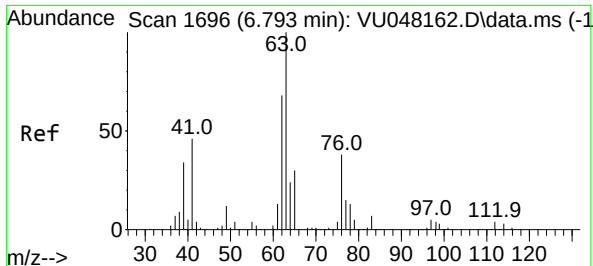
Ion Ratio Lower Upper

96 100

61 1256.1 113.1 210.1#

63 11545.4 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.595 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048179.D

Acq: 21 Apr 2022 17:40

Instrument :

MSVOA_U

ClientSampleId :

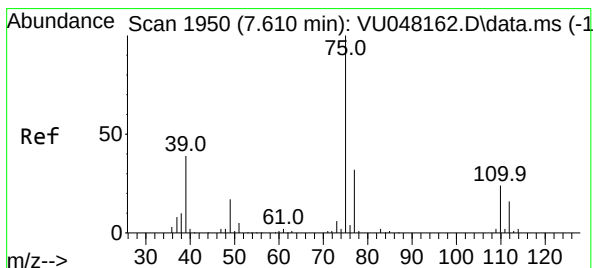
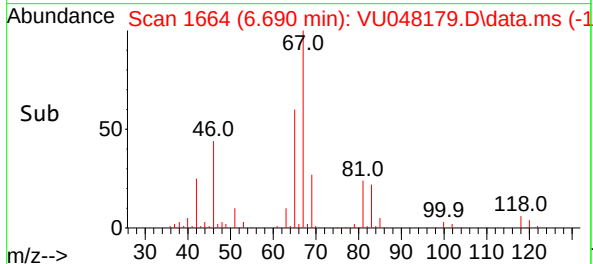
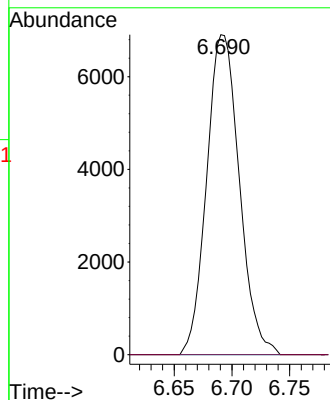
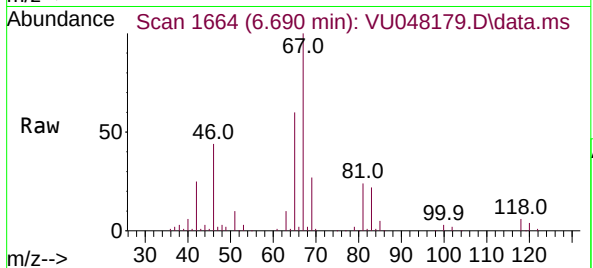
C0J28

Tgt Ion: 63 Resp: 13598

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.728 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048179.D

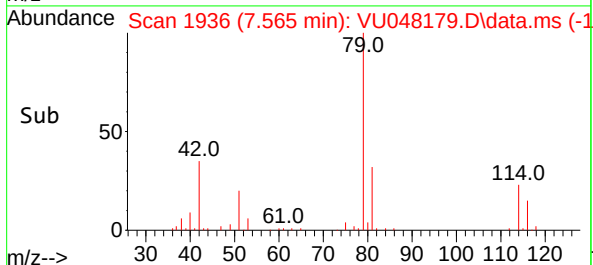
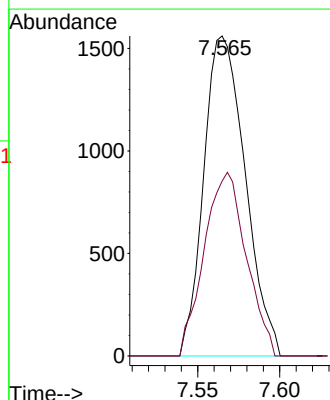
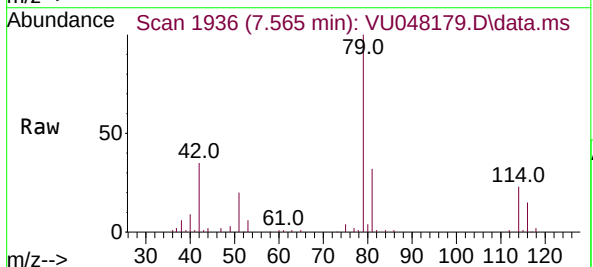
Acq: 21 Apr 2022 17:40

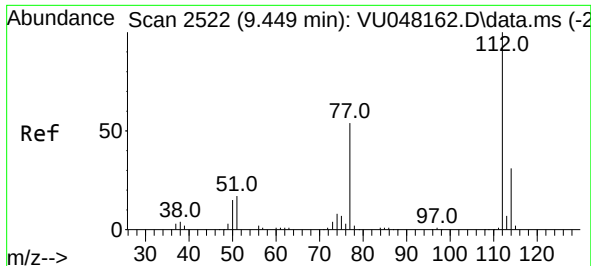
Tgt Ion: 75 Resp: 2744

Ion Ratio Lower Upper

75 100

77 54.6 21.8 40.6#

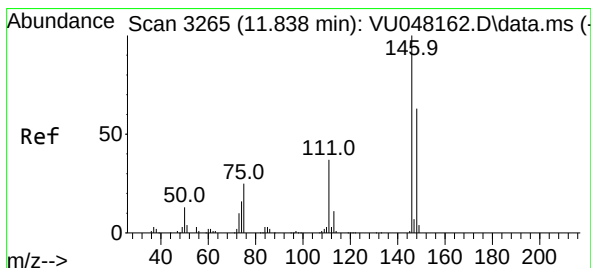
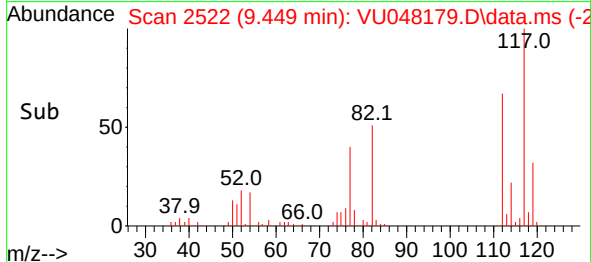
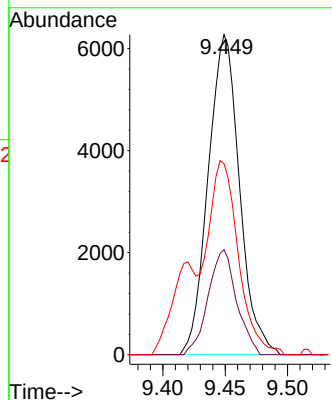
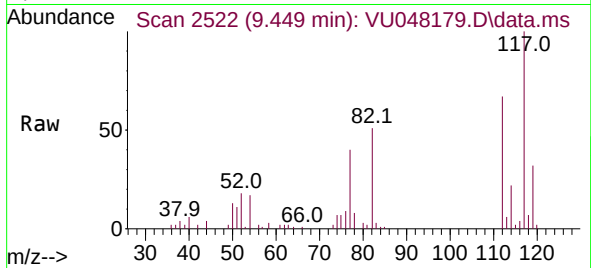




#51
Chlorobenzene
Concen: 1.540 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048179.D
Acq: 21 Apr 2022 17:40

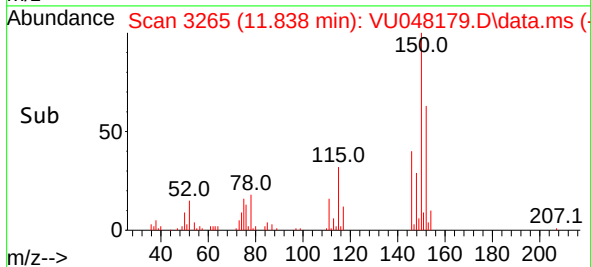
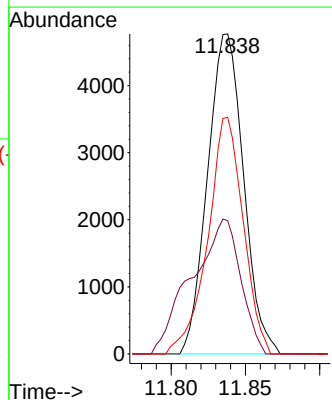
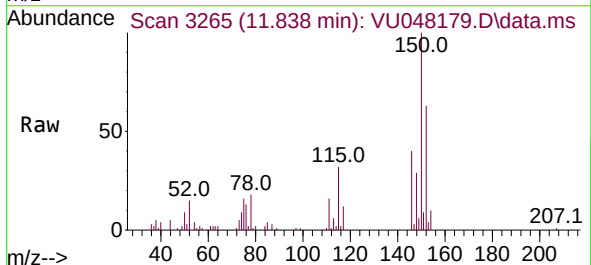
Instrument :
MSVOA_U
ClientSampleId :
C0J28

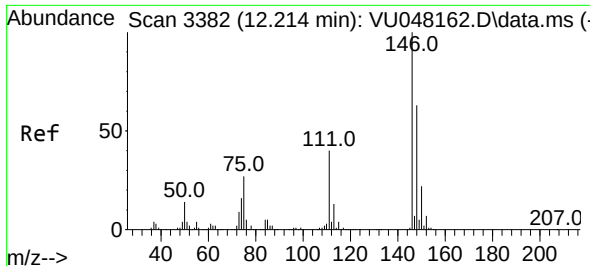
Tgt Ion:112 Resp: 10967
Ion Ratio Lower Upper
112 100
114 32.8 22.1 41.1
77 59.7 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 1.650 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048179.D
Acq: 21 Apr 2022 17:40

Tgt Ion:146 Resp: 8036
Ion Ratio Lower Upper
146 100
111 41.6 25.3 47.1
148 73.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.169 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048179.D

Acq: 21 Apr 2022 17:40

Instrument :

MSVOA_U

ClientSampleId :

C0J28

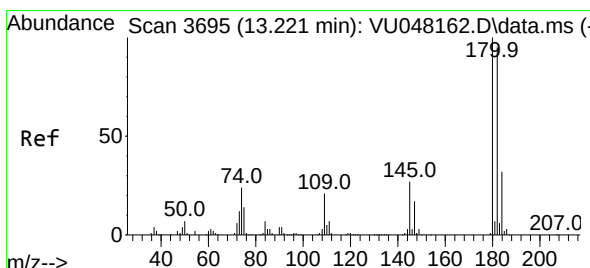
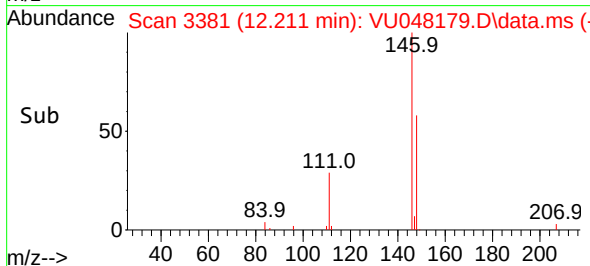
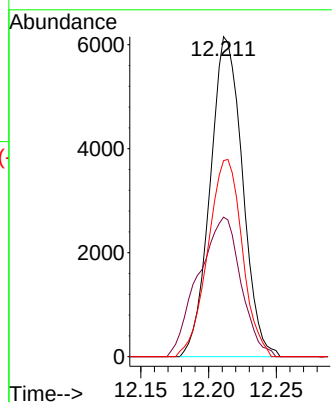
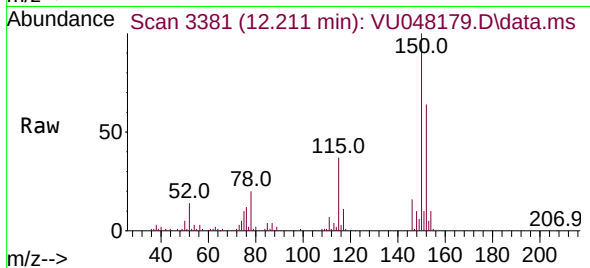
Tgt Ion:146 Resp: 10208

Ion Ratio Lower Upper

146 100

111 43.6 31.7 47.5

148 61.2 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 0.735 ug/L

RT: 13.848 min Scan# 3890

Delta R.T. 0.627 min

Lab File: VU048179.D

Acq: 21 Apr 2022 17:40

Tgt Ion:180 Resp: 2806

Ion Ratio Lower Upper

180 100

182 103.2 77.0 115.6

184 19.0 24.5 36.7#

145 0.0 21.0 31.6#

