

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048065.D
 Acq On : 14 Apr 2022 17:54
 Operator : SY/MD
 Sample : N2387-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J74

Quant Time: Apr 15 02:28:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

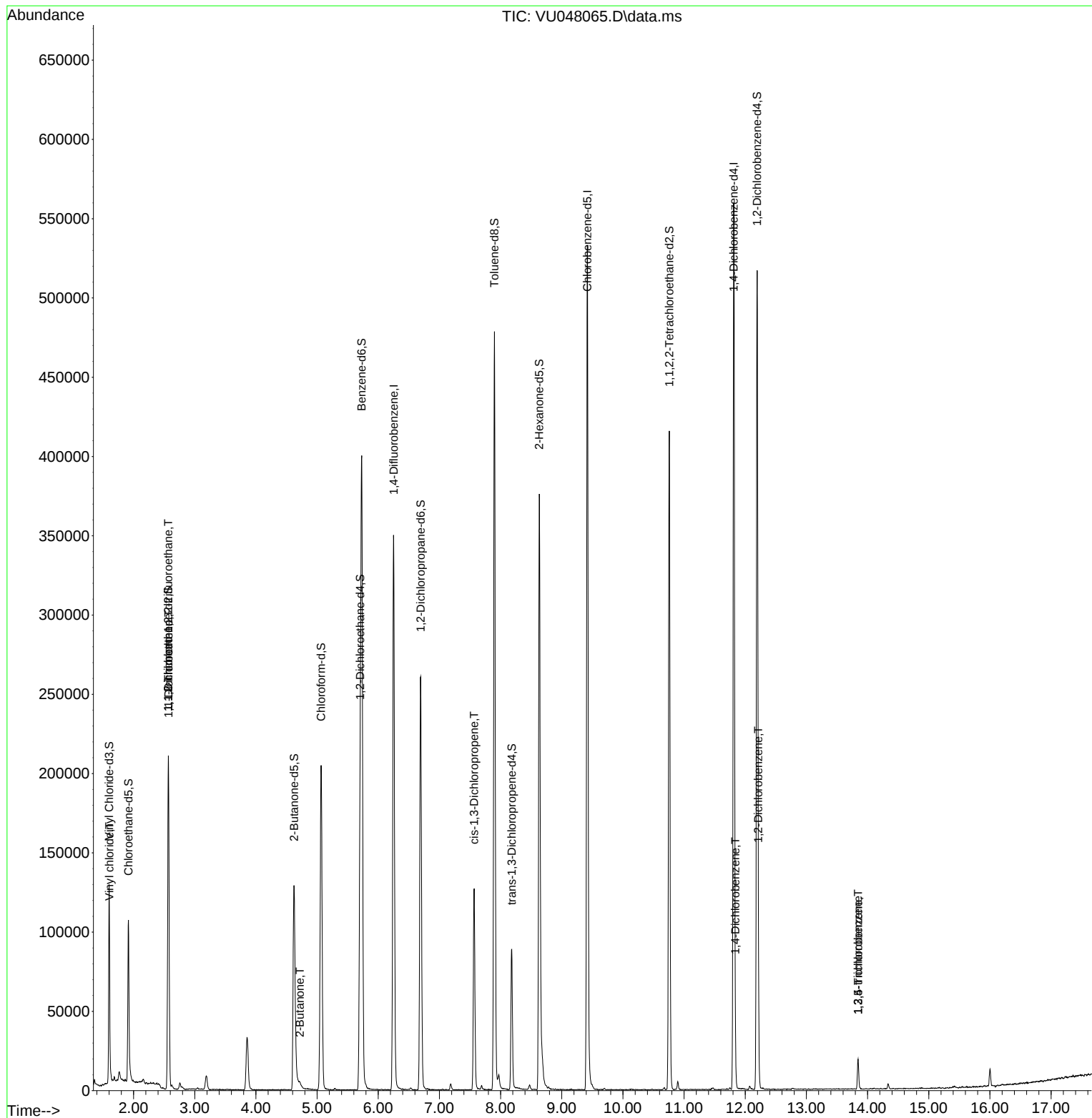
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	300161	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	322912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88131	40.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.980%
7) Chloroethane-d5	1.915	69	82399	48.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.020%
11) 1,1-Dichloroethene-d2	2.568	63	118049	29.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.280%#
21) 2-Butanone-d5	4.623	46	187267	100.235	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.240%
24) Chloroform-d	5.066	84	194838	48.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.840%
26) 1,2-Dichloroethane-d4	5.703	65	124743	51.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.140%
32) Benzene-d6	5.729	84	376174	46.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.693	67	127668	51.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.320%
41) Toluene-d8	7.899	98	326533	41.247	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.500%
43) trans-1,3-Dichloroprop...	8.182	79	51555	40.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.560%
47) 2-Hexanone-d5	8.632	63	131180	89.800	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	208052	48.582	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	147169	50.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.120%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	2493	0.919	ug/L #	22
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1172	0.530	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	944	0.458	ug/L #	1
22) 2-Butanone	4.716	43	4748	2.120	ug/L	95
39) cis-1,3-Dichloropropene	7.568	75	2733	0.741	ug/L #	52
65) 1,4-Dichlorobenzene	11.838	146	4223	0.830	ug/L	91
67) 1,2-Dichlorobenzene	12.214	146	10467	2.129	ug/L	86
69) 1,3,5-Trichlorobenzene	13.844	180	7419	1.859	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	7419	2.122	ug/L	91

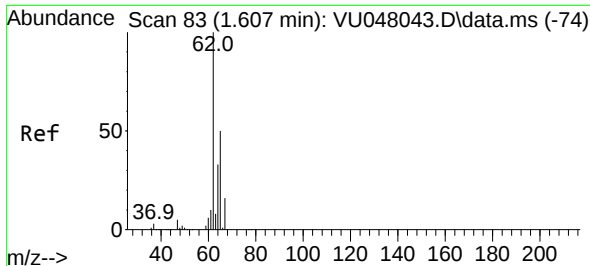
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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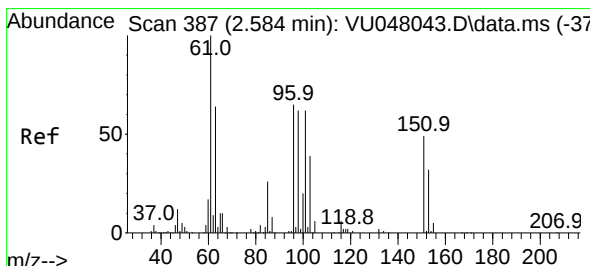
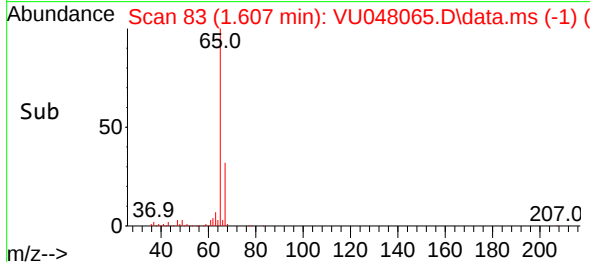
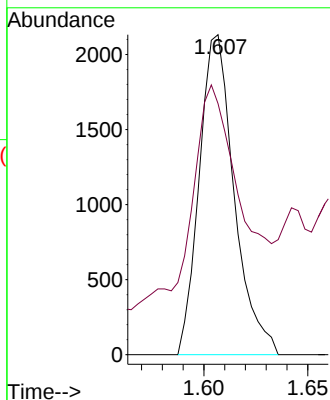
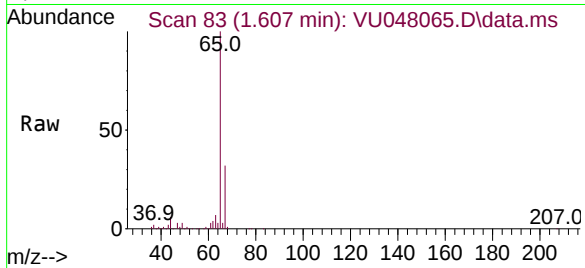




#5
 Vinyl chloride
 Concen: 0.919 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048065.D
 Acq: 14 Apr 2022 17:54

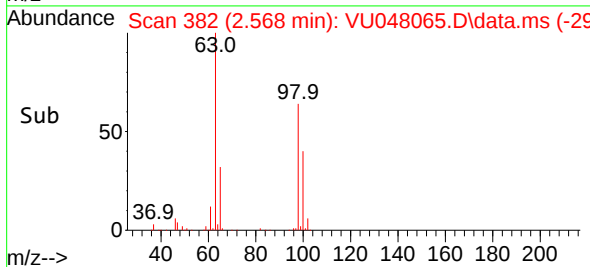
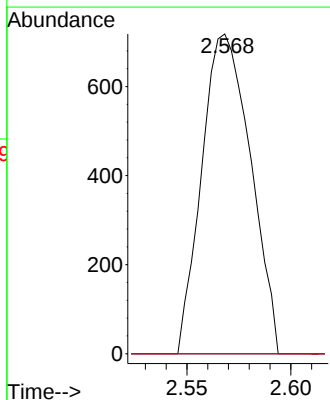
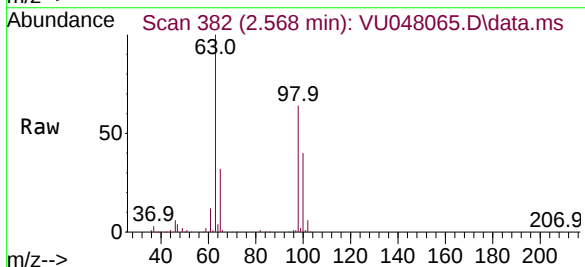
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J74

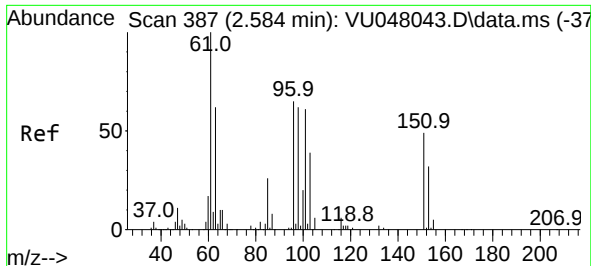
Tgt Ion: 62 Resp: 2493
 Ion Ratio Lower Upper
 62 100
 64 78.5 23.7 43.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.530 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048065.D
 Acq: 14 Apr 2022 17:54

Tgt Ion: 101 Resp: 1172
 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: 0.458 ug/L

RT: 2.571 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU048065.D

Acq: 14 Apr 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

C0J74

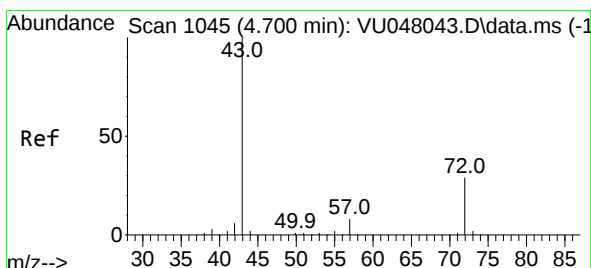
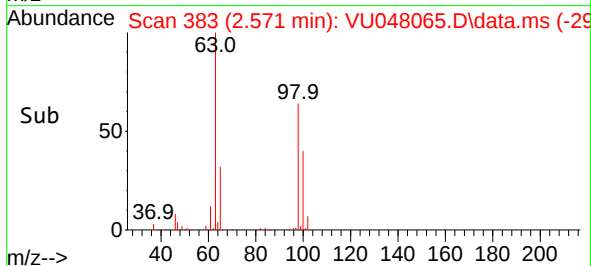
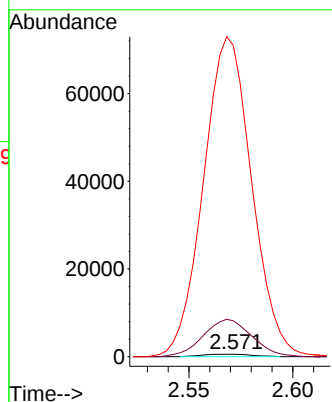
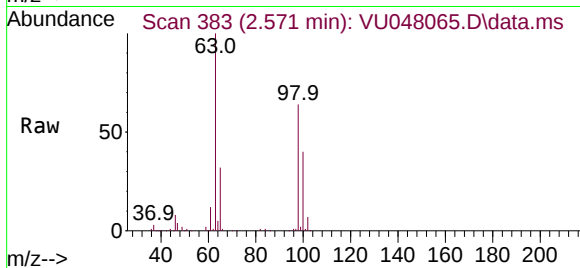
Tgt Ion: 96 Resp: 944

Ion Ratio Lower Upper

96 100

61 1483.2 113.1 210.1#

63 12862.3 94.8 176.0#



#22

2-Butanone

Concen: 2.120 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU048065.D

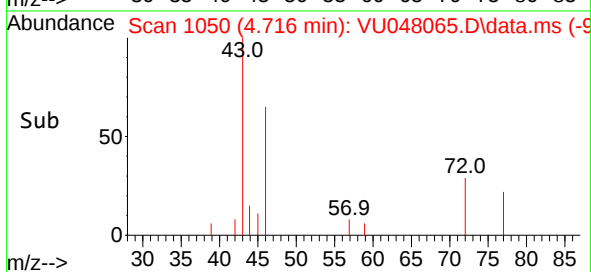
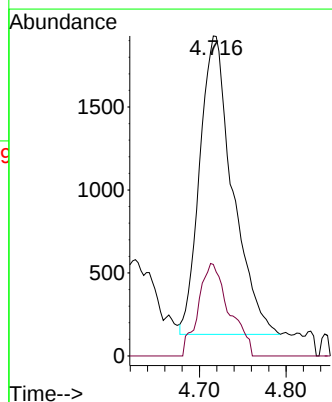
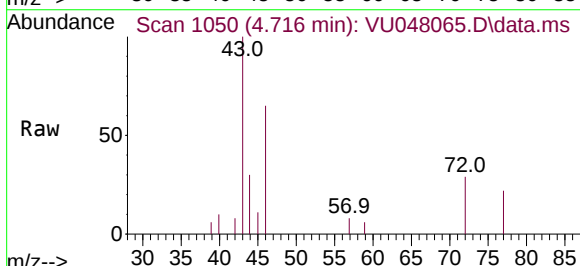
Acq: 14 Apr 2022 17:54

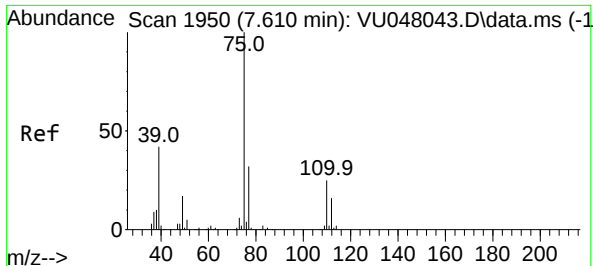
Tgt Ion: 43 Resp: 4748

Ion Ratio Lower Upper

43 100

72 29.0 16.0 47.9





#39

cis-1,3-Dichloropropene

Concen: 0.741 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU048065.D

Acq: 14 Apr 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

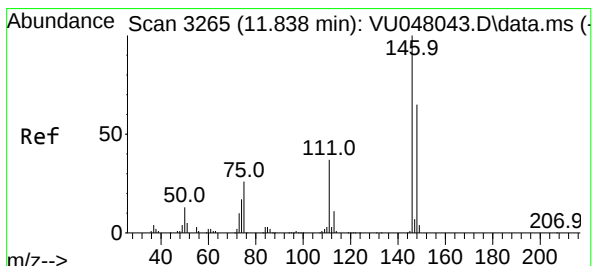
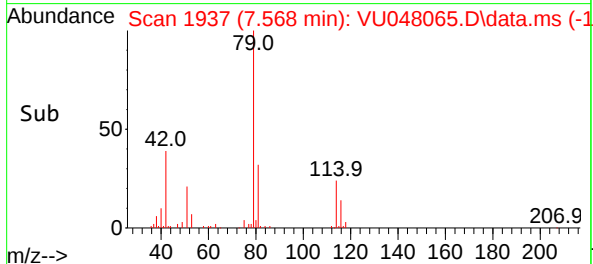
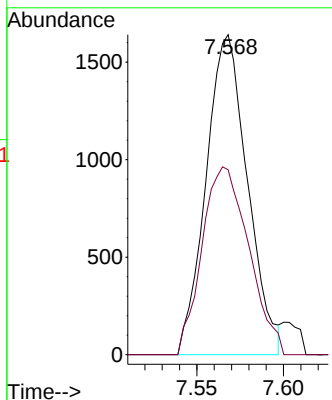
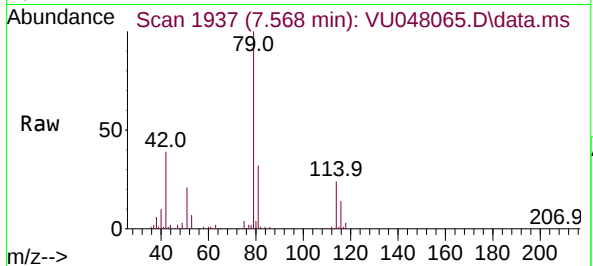
C0J74

Tgt Ion: 75 Resp: 2733

Ion Ratio Lower Upper

75 100

77 57.8 21.8 40.6#



#65

1,4-Dichlorobenzene

Concen: 0.830 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU048065.D

Acq: 14 Apr 2022 17:54

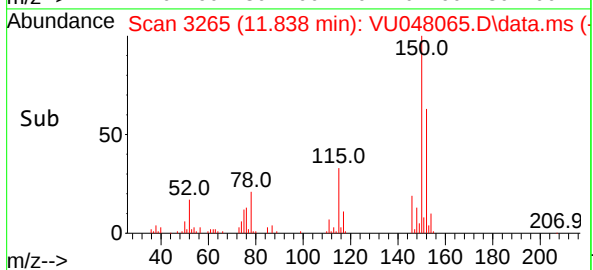
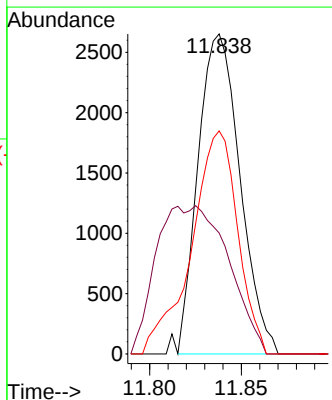
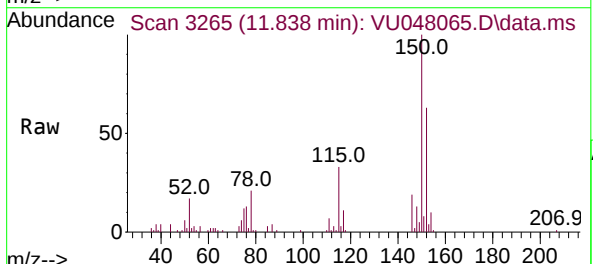
Tgt Ion: 146 Resp: 4223

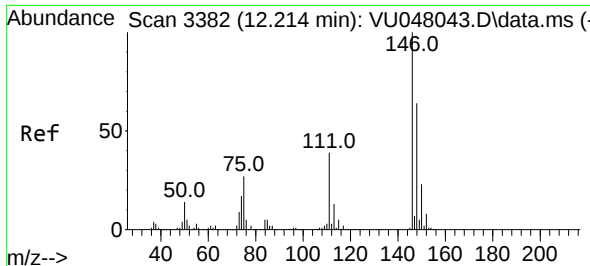
Ion Ratio Lower Upper

146 100

111 42.1 25.3 47.1

148 69.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.129 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048065.D

Acq: 14 Apr 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

C0J74

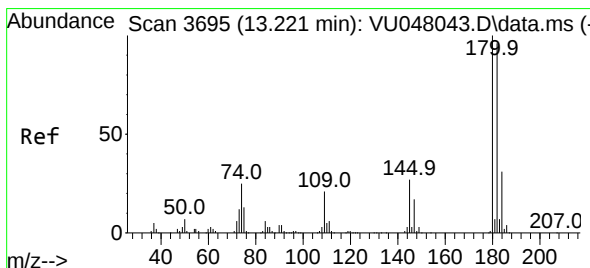
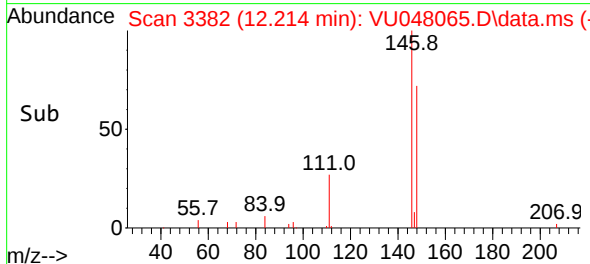
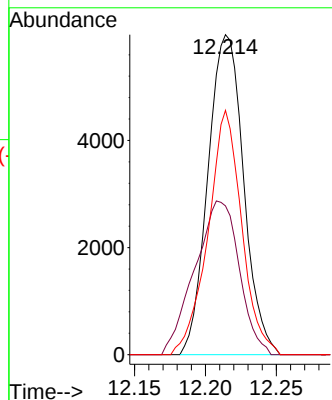
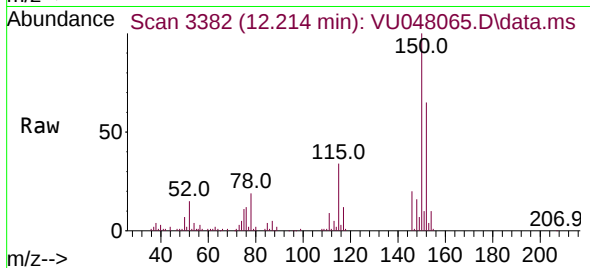
Tgt Ion:146 Resp: 10467

Ion Ratio Lower Upper

146 100

111 46.5 31.7 47.5

148 76.4 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 1.859 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU048065.D

Acq: 14 Apr 2022 17:54

Tgt Ion:180 Resp: 7419

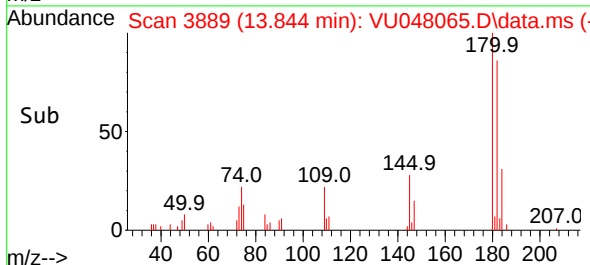
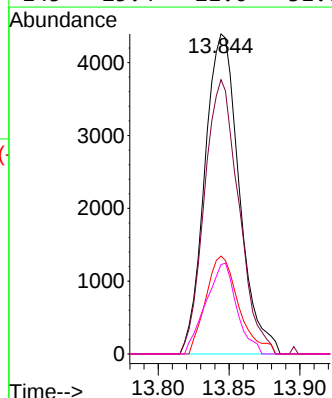
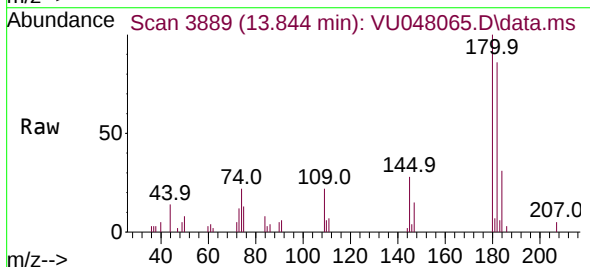
Ion Ratio Lower Upper

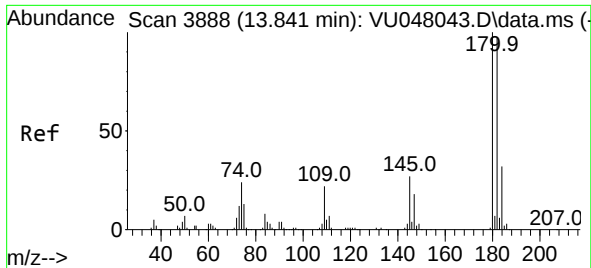
180 100

182 85.3 77.0 115.6

184 28.5 24.5 36.7

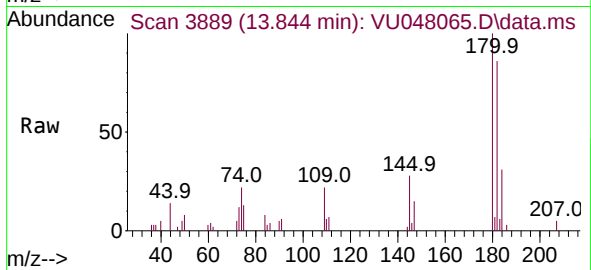
145 25.4 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.122 ug/L
 RT: 13.844 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048065.D
 Acq: 14 Apr 2022 17:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J74



Tgt Ion:	180	Resp:	7419
Ion	Ratio	Lower	Upper
180	100		
182	85.3	76.2	114.2
145	25.4	21.8	32.8

