

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048152.D
 Acq On : 20 Apr 2022 18:50
 Operator : SY/MD
 Sample : N2485-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J15

Quant Time: Apr 21 02:44:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

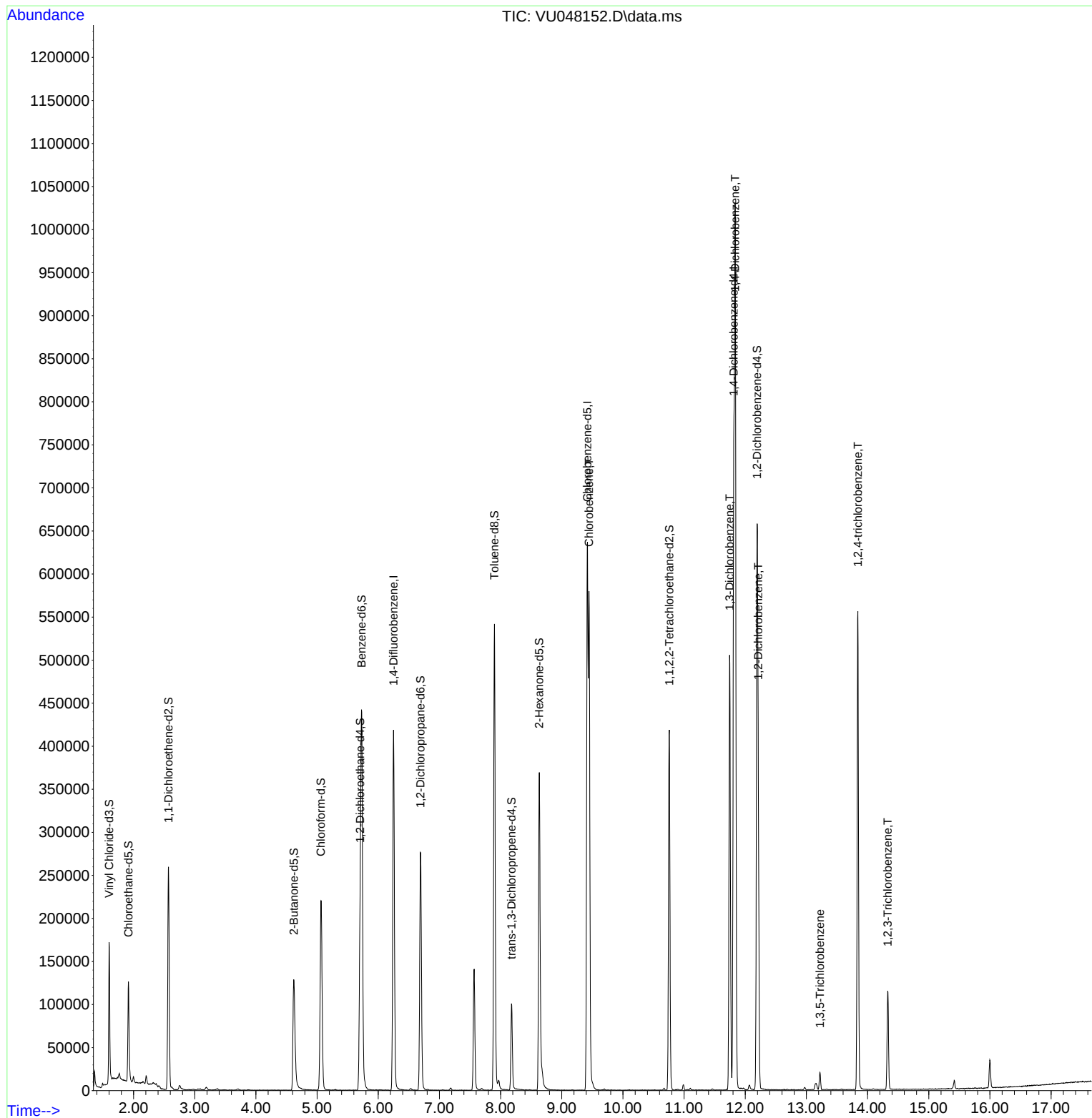
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	356958	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	375562	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	200380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	109212	42.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.380%
7) Chloroethane-d5	1.916	69	92045	45.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.571	63	147062	31.052	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.100%
21) 2-Butanone-d5	4.620	46	189756	85.407	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.410%
24) Chloroform-d	5.063	84	210413	44.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.860%
26) 1,2-Dichloroethane-d4	5.703	65	131028	45.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.220%
32) Benzene-d6	5.729	84	421702	44.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	6.690	67	140040	48.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.500%
41) Toluene-d8	7.899	98	372976	40.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.020%
43) trans-1,3-Dichloroprop...	8.179	79	57769	39.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.580%
47) 2-Hexanone-d5	8.632	63	131669	77.499	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212478	42.660	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	168184	47.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.446	112	318846	39.369	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	223696	37.163	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	413388	66.304	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	121792	20.222	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	7627	1.560	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	189615	44.283	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	39814	9.275	ug/L	100

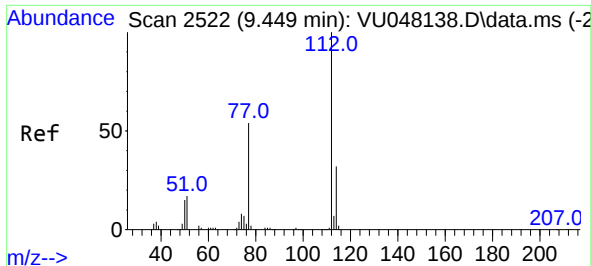
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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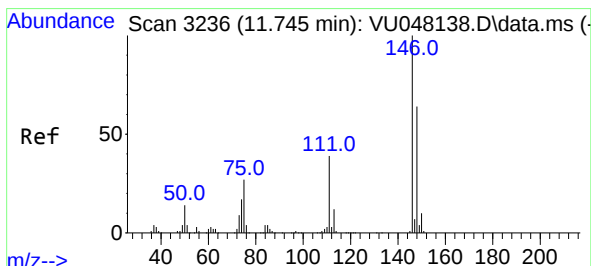
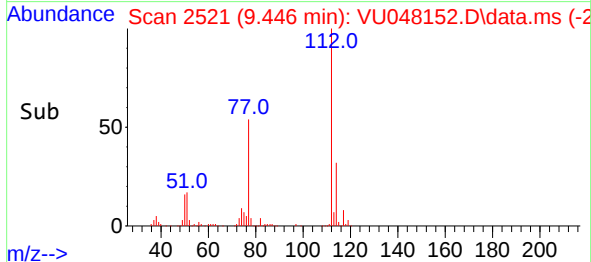
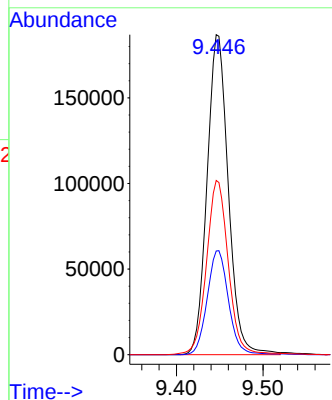
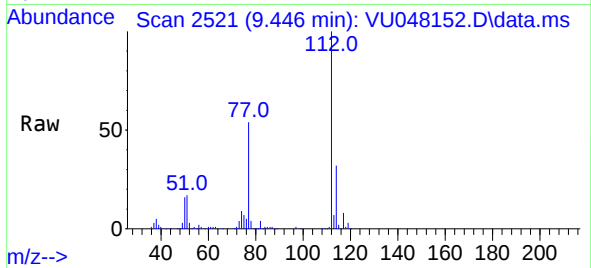




#51
Chlorobenzene
Concen: 39.369 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048152.D
Acq: 20 Apr 2022 18:50

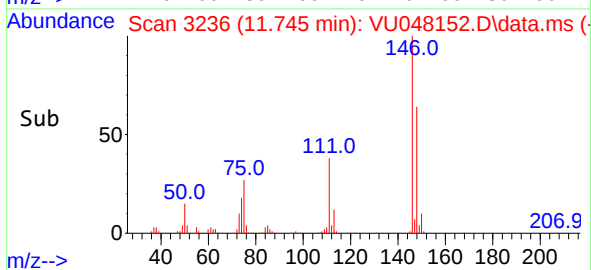
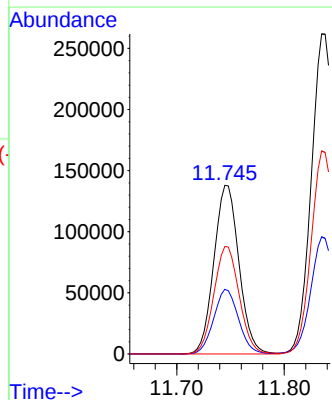
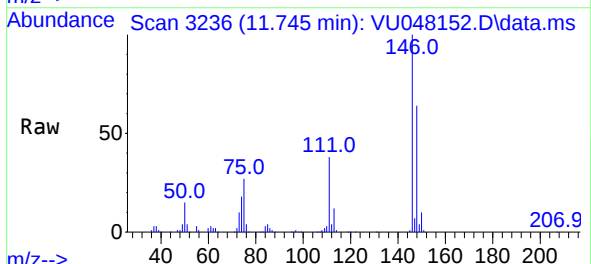
Instrument :
MSVOA_U
ClientSampleId :
C0J15

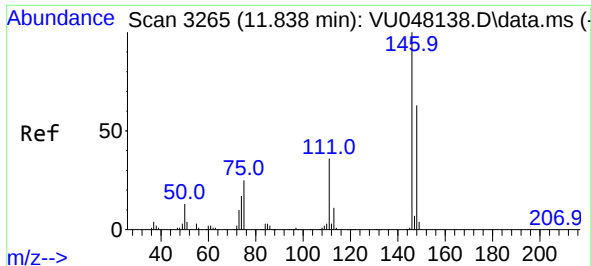
Tgt Ion:112 Resp: 318846
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 54.4 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 37.163 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU048152.D
Acq: 20 Apr 2022 18:50

Tgt Ion:146 Resp: 223696
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 63.7 44.4 82.5

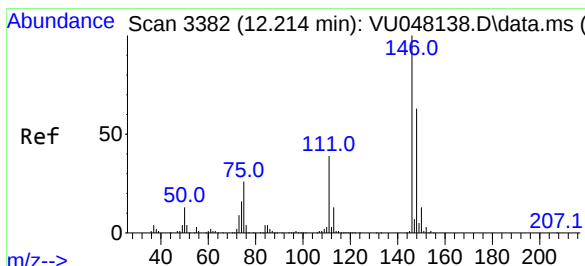
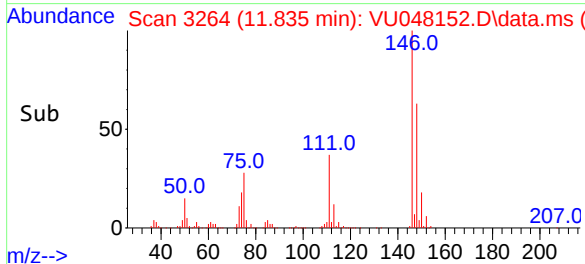
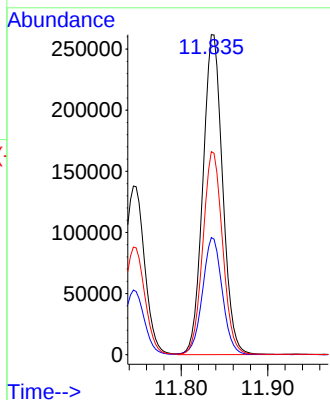
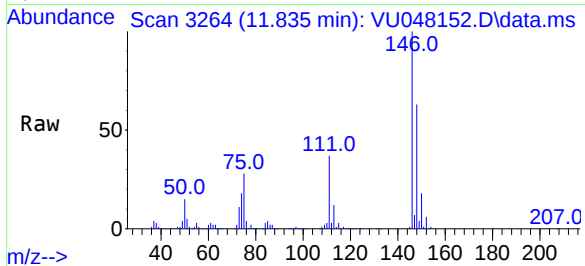




#65
1,4-Dichlorobenzene
Concen: 66.304 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048152.D
Acq: 20 Apr 2022 18:50

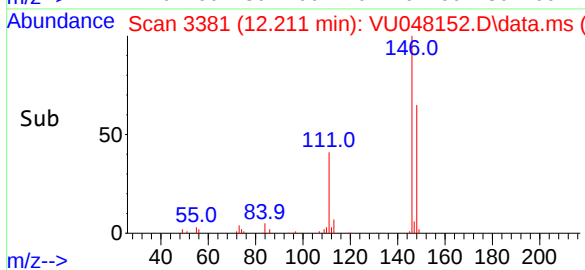
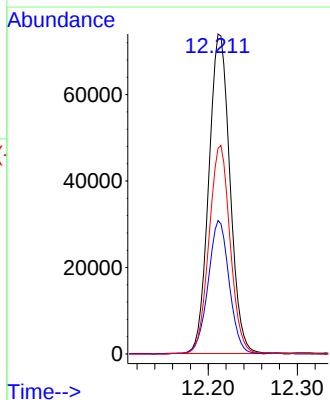
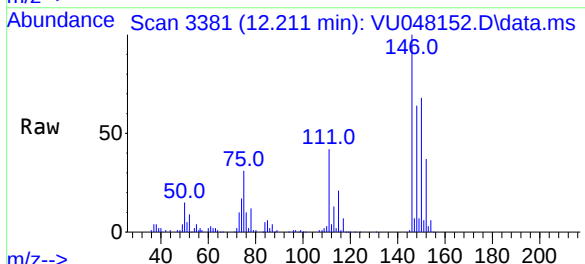
Instrument :
MSVOA_U
ClientSampleId :
C0J15

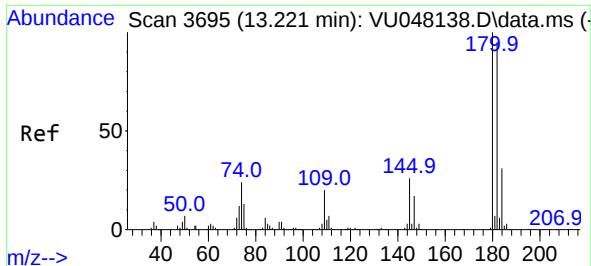
Tgt Ion:146 Resp: 413388
Ion Ratio Lower Upper
146 100
111 36.6 25.3 47.1
148 63.4 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 20.222 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048152.D
Acq: 20 Apr 2022 18:50

Tgt Ion:146 Resp: 121792
Ion Ratio Lower Upper
146 100
111 41.7 31.7 47.5
148 64.3 51.4 77.2



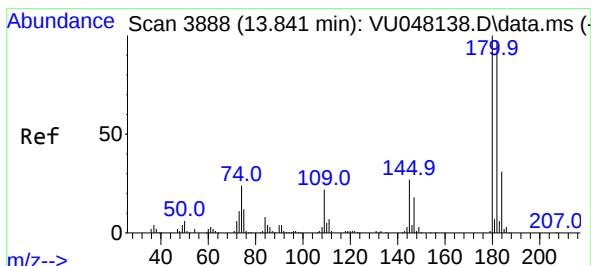
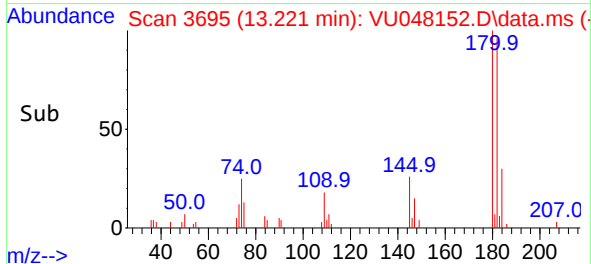
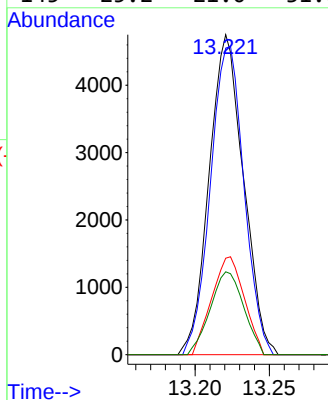
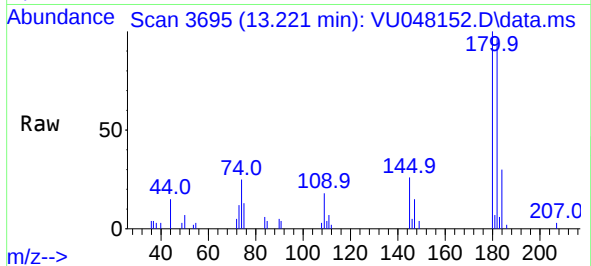


#69
 1,3,5-Trichlorobenzene
 Concen: 1.560 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048152.D
 Acq: 20 Apr 2022 18:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J15

Tgt Ion:180 Resp: 7627

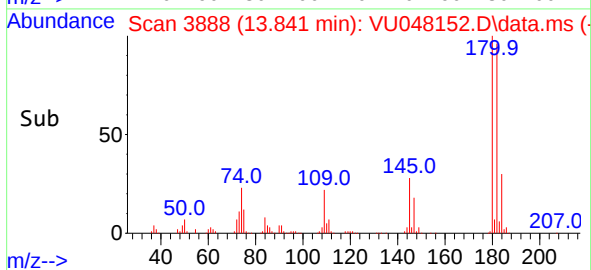
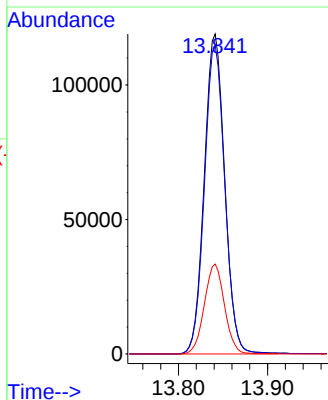
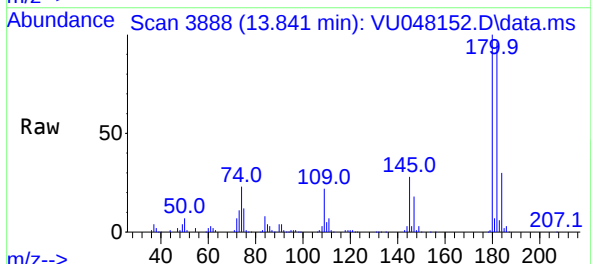
Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.6
184	29.1	24.5	36.7
145	25.2	21.0	31.6



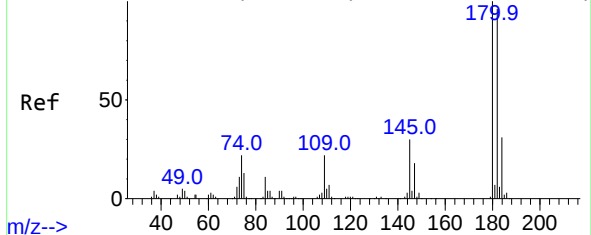
#70
 1,2,4-trichlorobenzene
 Concen: 44.283 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048152.D
 Acq: 20 Apr 2022 18:50

Tgt Ion:180 Resp: 189615

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.2
145	27.6	21.8	32.8



Abundance Scan 4040 (14.330 min): VU048138.D\data.ms (-



#72

1,2,3-Trichlorobenzene

Concen: 9.275 ug/L

RT: 14.330 min Scan# 40

Delta R.T. -0.000 min

Lab File: VU048152.D

Acq: 20 Apr 2022 18:50

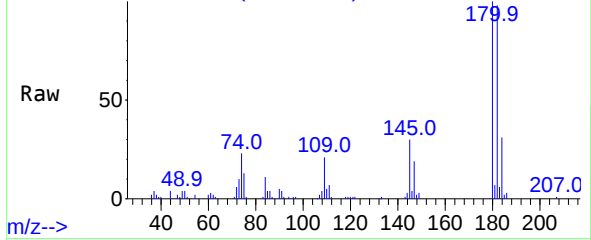
Instrument :

MSVOA_U

ClientSampleId :

C0J15

Abundance Scan 4040 (14.330 min): VU048152.D\data.ms (-



Tgt Ion:180 Resp: 39814

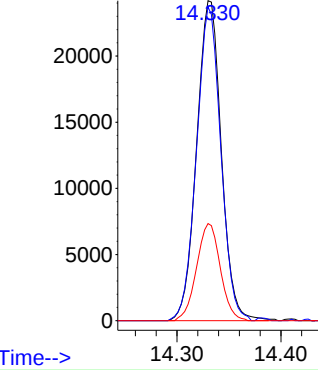
Ion Ratio Lower Upper

180 100

182 96.5 77.4 116.0

145 29.2 22.8 34.2

Abundance



Abundance Scan 4040 (14.330 min): VU048152.D\data.ms (-

