

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048156.D
 Acq On : 20 Apr 2022 20:23
 Operator : SY/MD
 Sample : N2485-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J24

Quant Time: Apr 21 02:45:28 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)

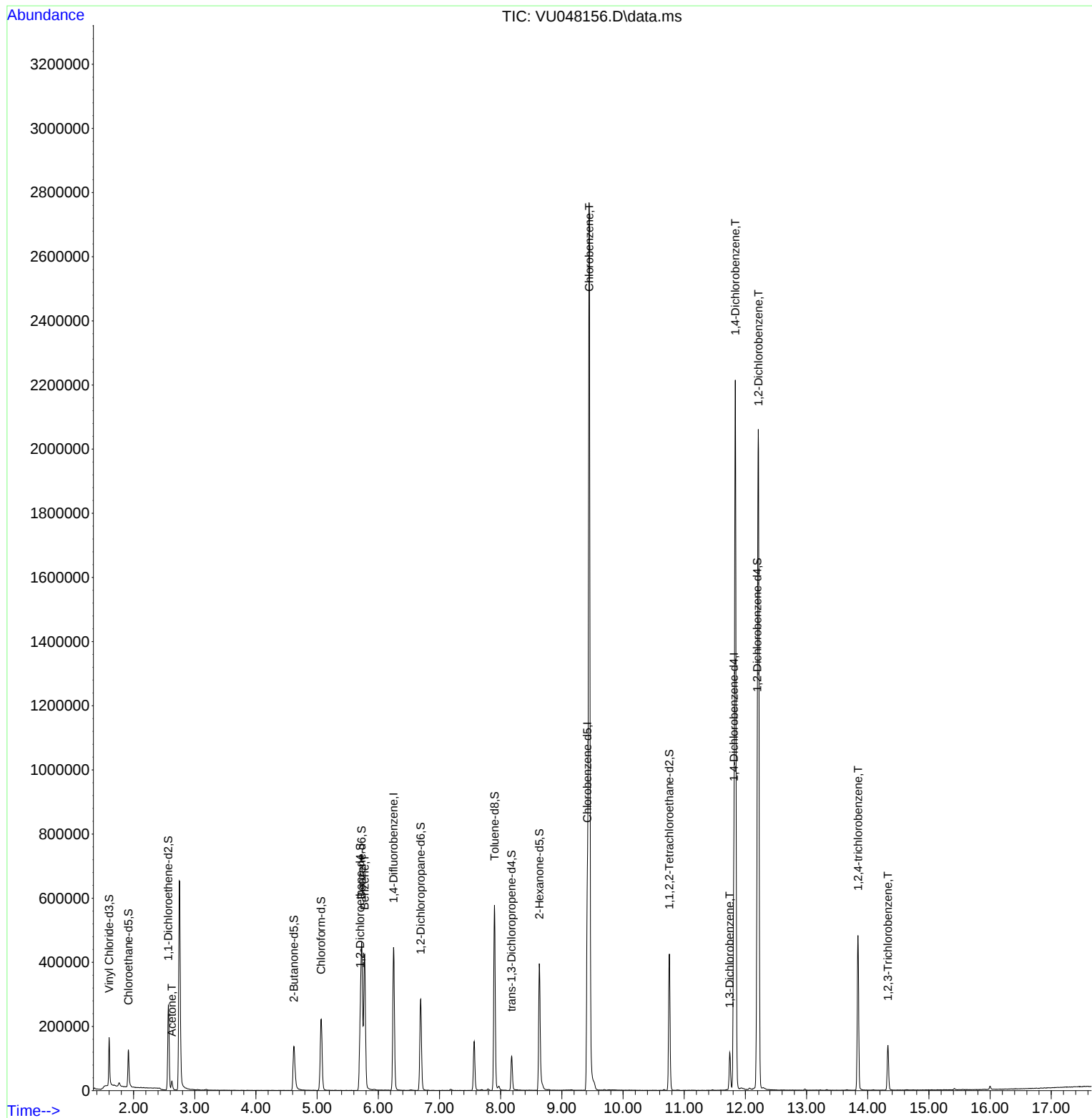
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	390637	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	385152	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	198912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	114351	40.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.740%
7) Chloroethane-d5	1.916	69	95159	42.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.568	63	150934	29.122	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.240%#
21) 2-Butanone-d5	4.620	46	198268	81.544	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.540%
24) Chloroform-d	5.067	84	213156	41.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.240%
26) 1,2-Dichloroethane-d4	5.703	65	131136	41.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.500%
32) Benzene-d6	5.729	84	448835	46.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
36) 1,2-Dichloropropane-d6	6.693	67	145069	48.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	7.899	98	400473	42.412	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.820%
43) trans-1,3-Dichloroprop...	8.179	79	63016	41.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.580%
47) 2-Hexanone-d5	8.632	63	144009	82.652	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.650%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	217208	42.524	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	168423	47.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.180%
Target Compounds						Qvalue
13) Acetone	2.626	43	29209	12.909	ug/L	98
33) Benzene	5.777	78	426258	38.235	ug/L	100
51) Chlorobenzene	9.446	112	1626057	195.777	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	53106	8.888	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	938127	151.578	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	863085	144.359	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	166588	39.192	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	48813	11.456	ug/L	99

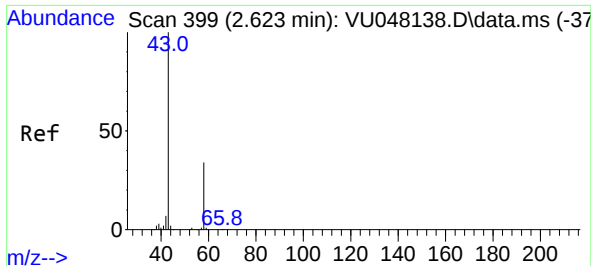
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.909 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048156.D

Acq: 20 Apr 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

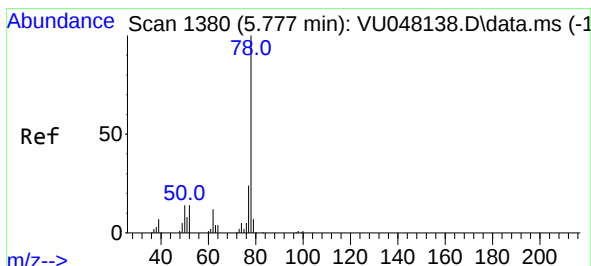
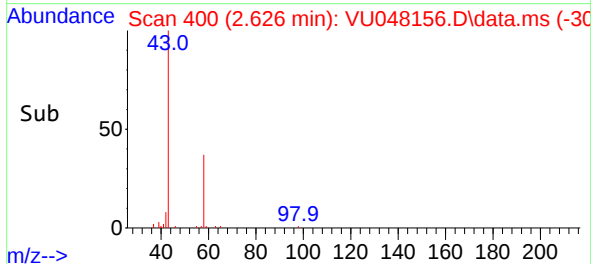
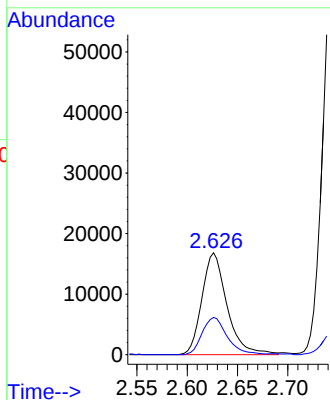
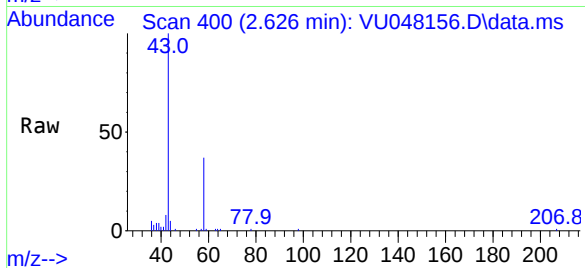
C0J24

Tgt Ion: 43 Resp: 29209

Ion Ratio Lower Upper

43 100

58 36.4 0.0 70.0



#33

Benzene

Concen: 38.235 ug/L

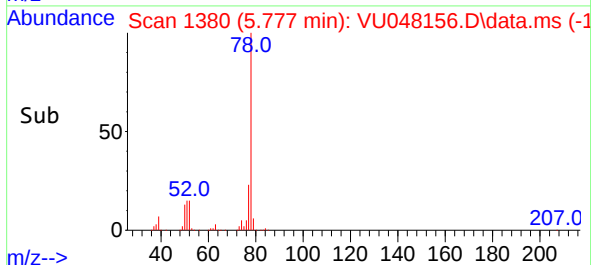
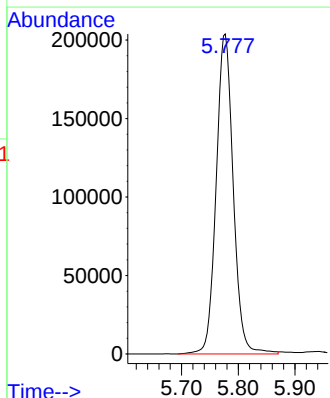
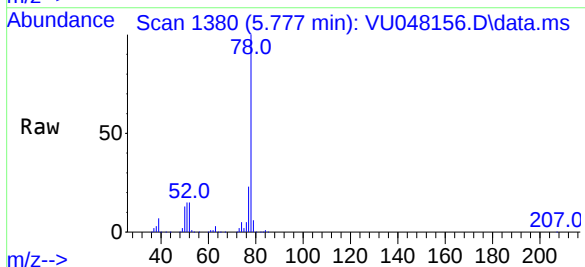
RT: 5.777 min Scan# 1380

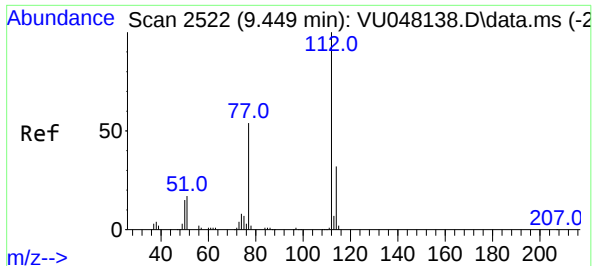
Delta R.T. -0.000 min

Lab File: VU048156.D

Acq: 20 Apr 2022 20:23

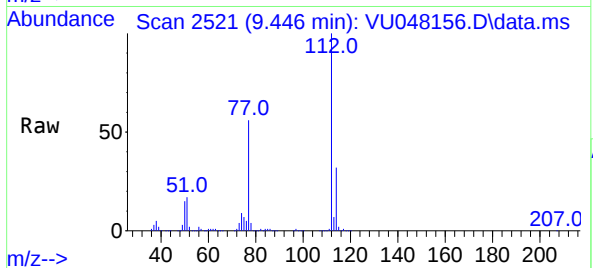
Tgt Ion: 78 Resp: 426258



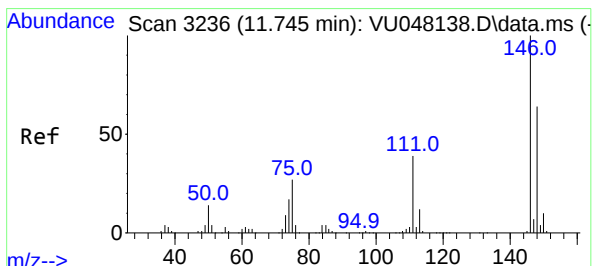
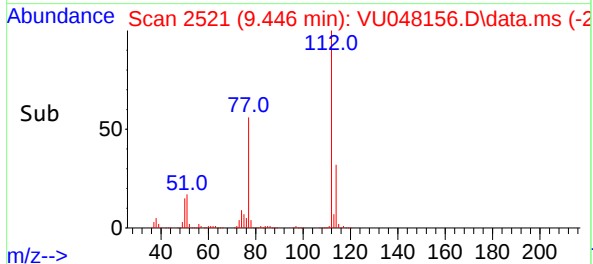
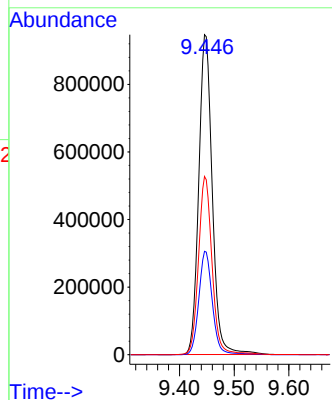


#51
Chlorobenzene
Concen: 195.777 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

Instrument :
MSVOA_U
ClientSampleId :
C0J24

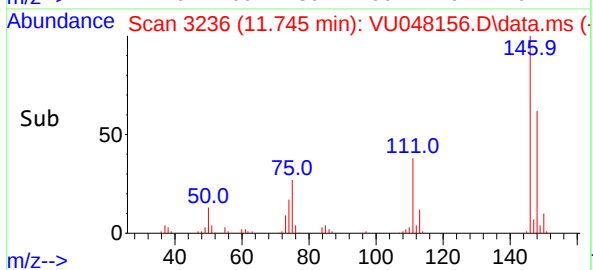
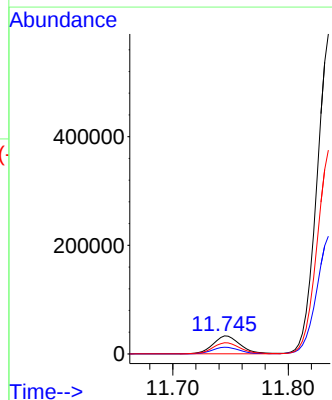
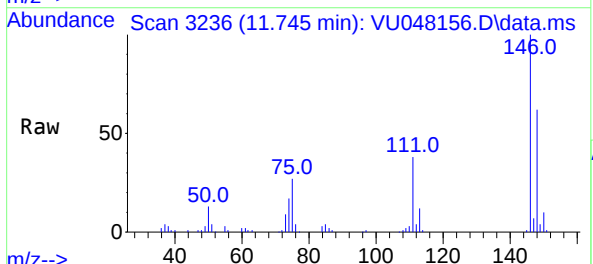


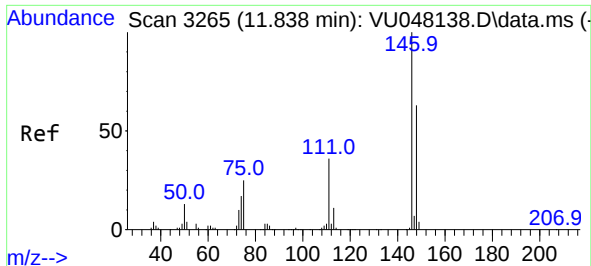
Tgt Ion:112 Resp: 1626057
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 55.7 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 8.888 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

Tgt Ion:146 Resp: 53106
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 62.0 44.4 82.5

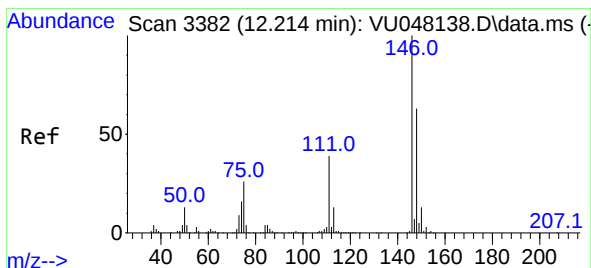
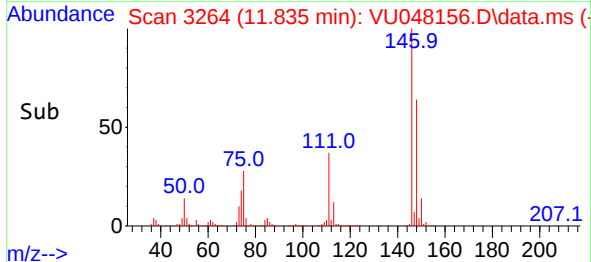
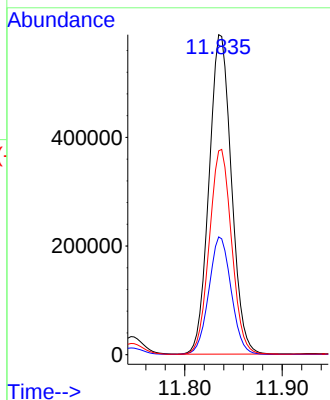
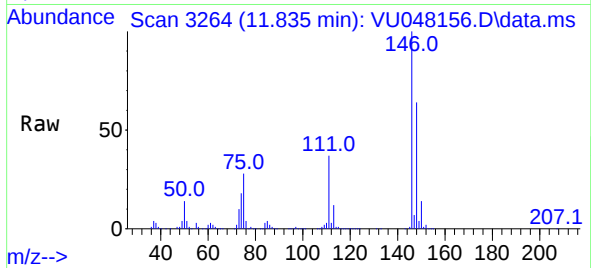




#65
1,4-Dichlorobenzene
Concen: 151.578 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

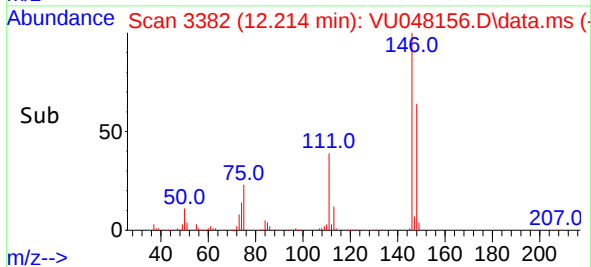
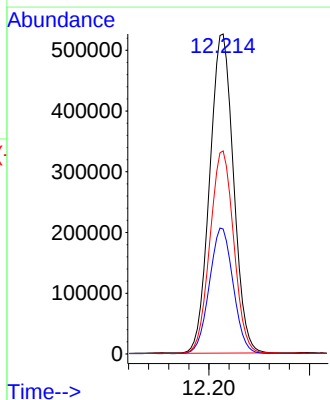
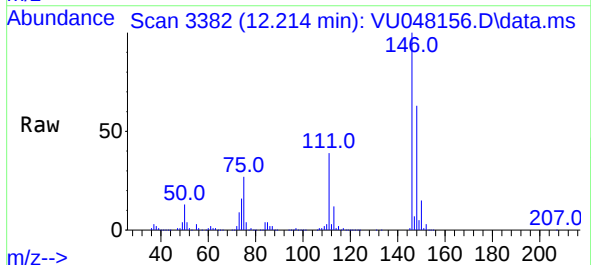
Instrument :
MSVOA_U
ClientSampleId :
C0J24

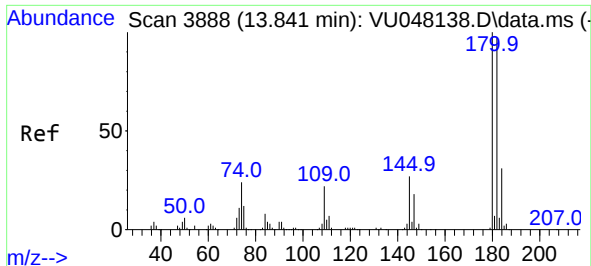
Tgt Ion:146 Resp: 938127
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 63.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 144.359 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

Tgt Ion:146 Resp: 863085
Ion Ratio Lower Upper
146 100
111 39.0 31.7 47.5
148 63.5 51.4 77.2

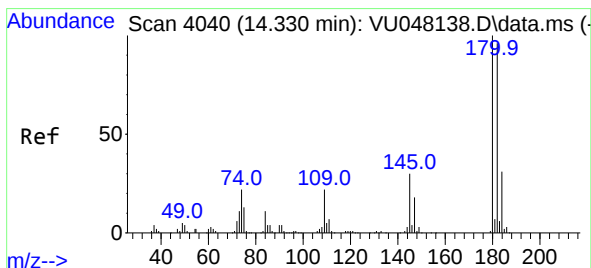
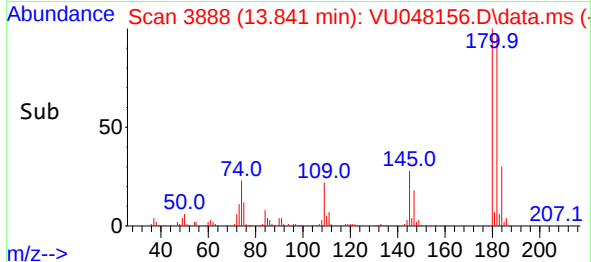
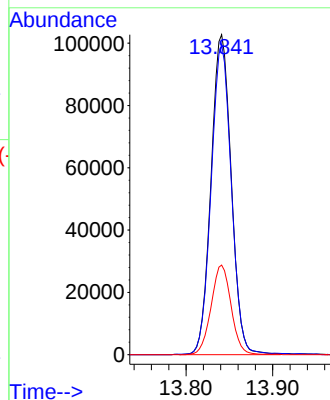
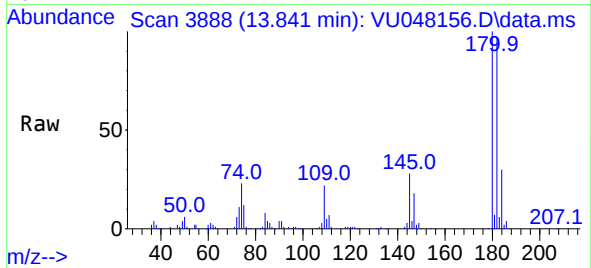




#70
1,2,4-trichlorobenzene
Concen: 39.192 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

Instrument :
MSVOA_U
ClientSampleId :
C0J24

Tgt Ion:180 Resp: 166588
Ion Ratio Lower Upper
180 100
182 96.7 76.2 114.2
145 27.7 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 11.456 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048156.D
Acq: 20 Apr 2022 20:23

Tgt Ion:180 Resp: 48813
Ion Ratio Lower Upper
180 100
182 95.4 77.4 116.0
145 28.6 22.8 34.2

