

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048183.D
 Acq On : 21 Apr 2022 19:15
 Operator : SY/MD
 Sample : N2486-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J34

Quant Time: Apr 22 01:53:29 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)

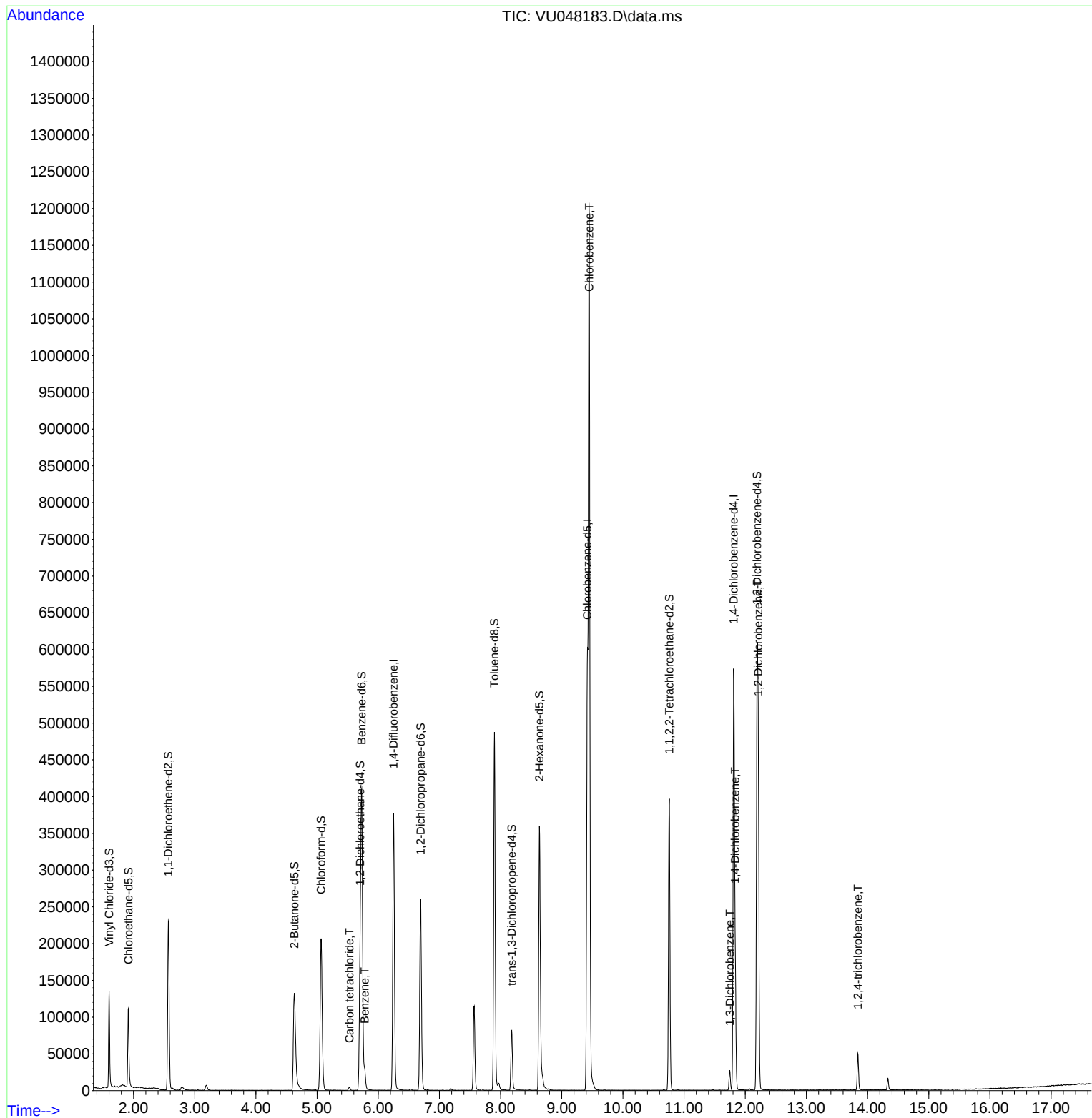
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320496	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163508	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	98757	42.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.980%
7) Chloroethane-d5	1.916	69	84691	46.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.420%
11) 1,1-Dichloroethene-d2	2.568	63	134024	31.519	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.040%
21) 2-Butanone-d5	4.629	46	182219	91.345	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.340%
24) Chloroform-d	5.067	84	194161	45.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.320%
26) 1,2-Dichloroethane-d4	5.703	65	122509	46.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.940%
32) Benzene-d6	5.729	84	394122	45.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.540%
36) 1,2-Dichloropropane-d6	6.694	67	130726	49.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.860%
41) Toluene-d8	7.899	98	331315	39.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.980%#
43) trans-1,3-Dichloroprop...	8.182	79	47563	35.498	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.000%
47) 2-Hexanone-d5	8.636	63	122459	79.097	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201571	44.411	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.820%
66) 1,2-Dichlorobenzene-d4	12.195	152	145498	50.017	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.040%
Target Compounds						
					Qvalue	
31) Carbon tetrachloride	5.526	117	2769	0.790	ug/L	94
33) Benzene	5.777	78	24468	2.470	ug/L	100
51) Chlorobenzene	9.449	112	681508	92.343	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	12017	2.447	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	67534	13.275	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	172720	35.144	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	17085	4.890	ug/L	99

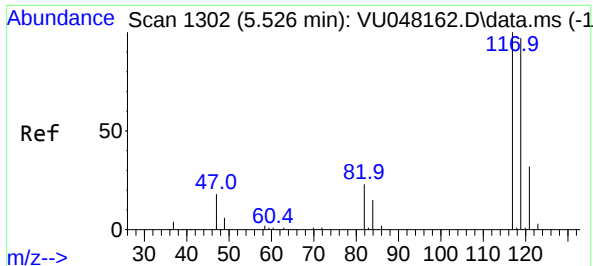
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
Data File : VU048183.D
Acq On : 21 Apr 2022 19:15
Operator : SY/MD
Sample : N2486-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J34

Quant Time: Apr 22 01:53:29 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

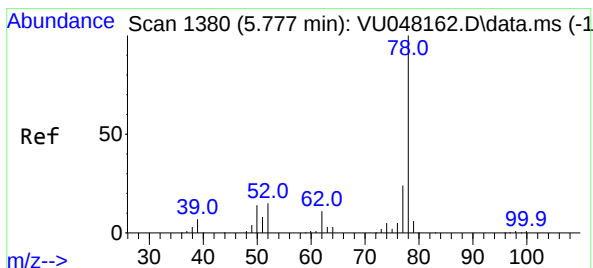
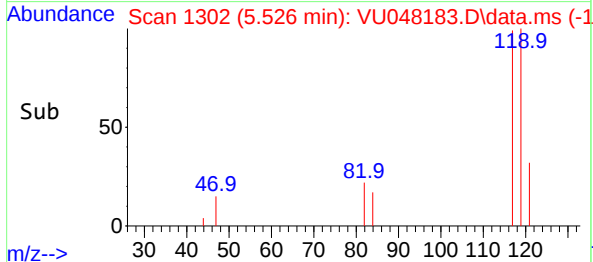
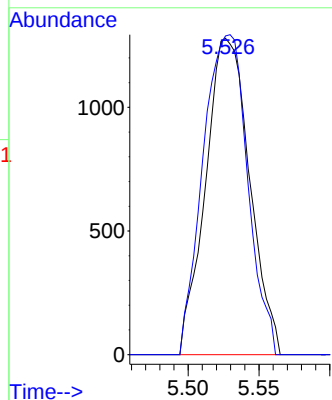
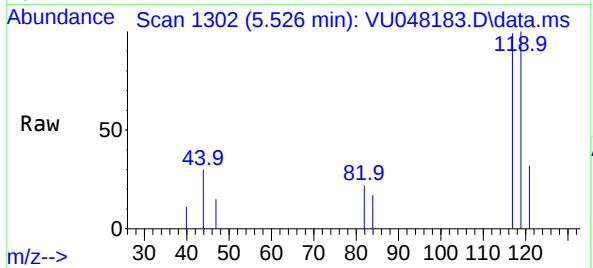




#31
Carbon tetrachloride
Concen: 0.790 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

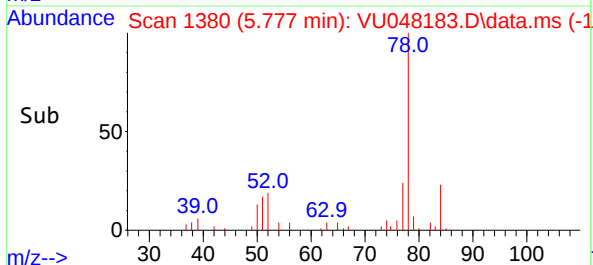
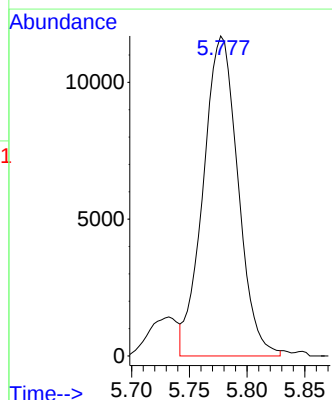
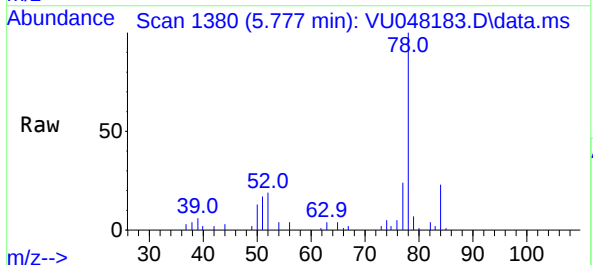
Instrument :
MSVOA_U
ClientSampleId :
C0J34

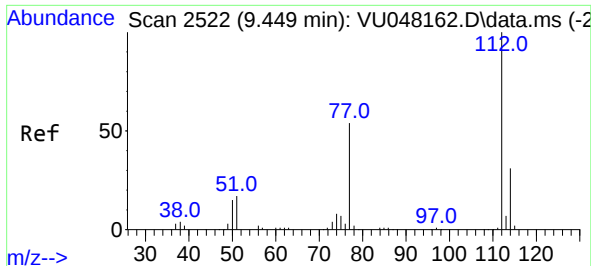
Tgt Ion:117 Resp: 2769
Ion Ratio Lower Upper
117 100
119 102.4 77.2 115.8



#33
Benzene
Concen: 2.470 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

Tgt Ion: 78 Resp: 24468

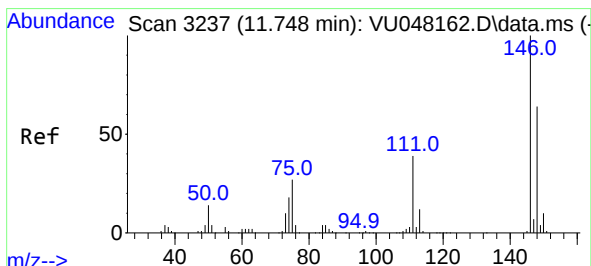
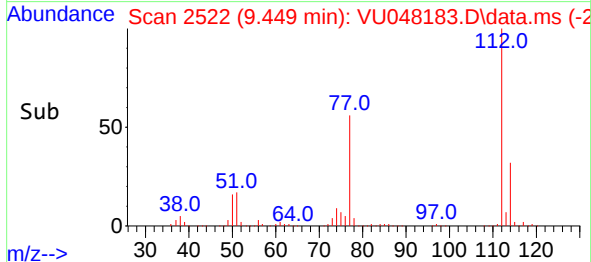
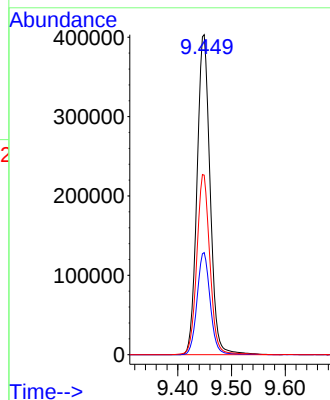
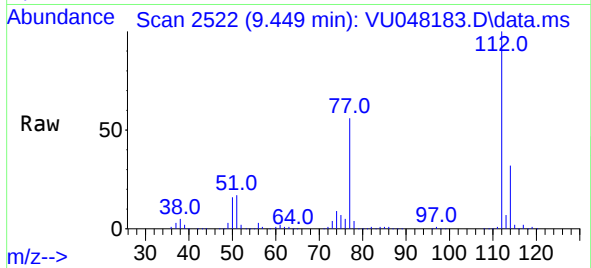




#51
Chlorobenzene
Concen: 92.343 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

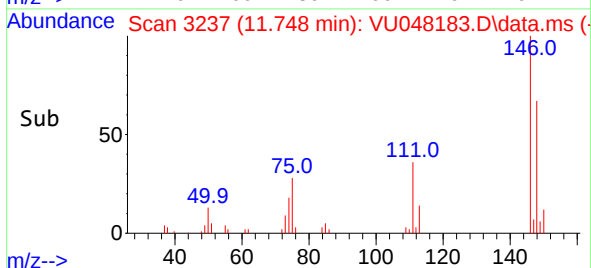
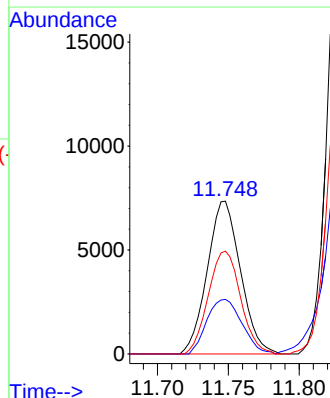
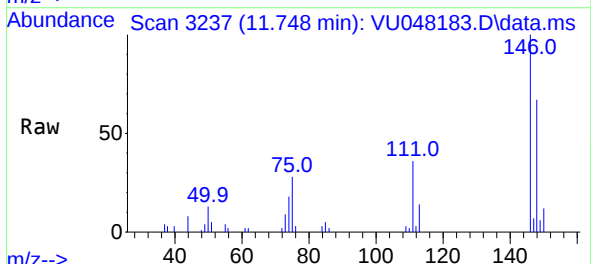
Instrument :
MSVOA_U
ClientSampleId :
C0J34

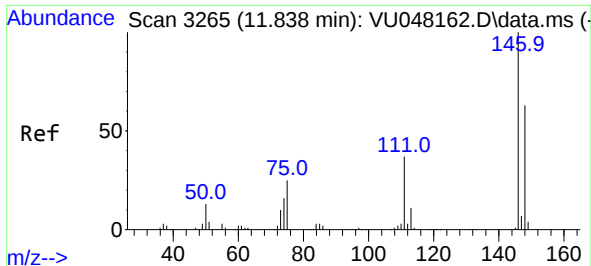
Tgt Ion:112 Resp: 681508
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 56.1 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 2.447 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

Tgt Ion:146 Resp: 12017
Ion Ratio Lower Upper
146 100
111 35.7 26.7 49.7
148 67.3 44.4 82.5

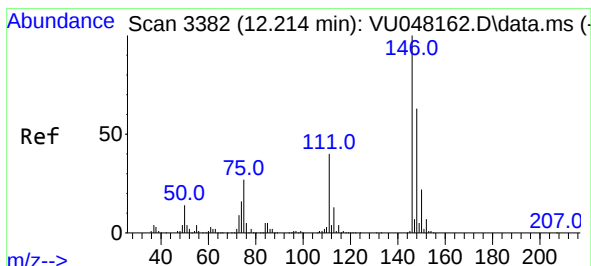
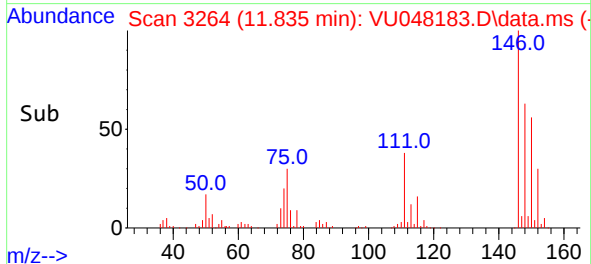
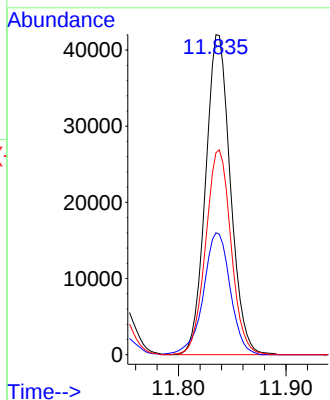
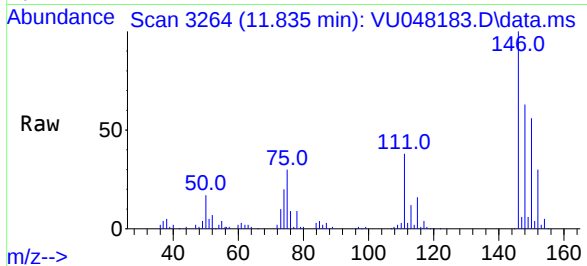




#65
1,4-Dichlorobenzene
Concen: 13.275 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

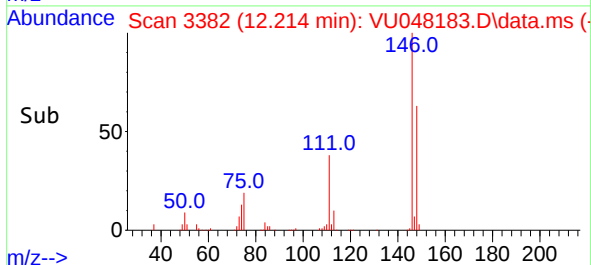
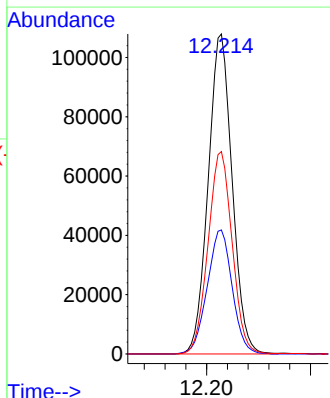
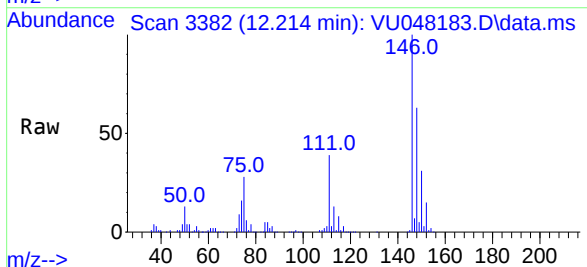
Instrument :
MSVOA_U
ClientSampleId :
C0J34

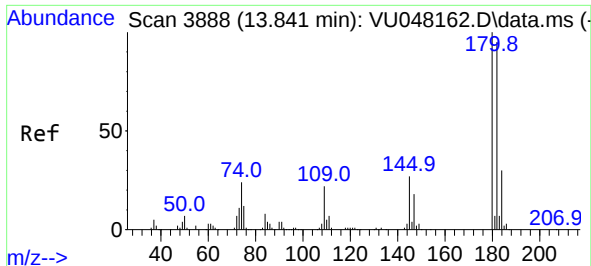
Tgt Ion:146 Resp: 67534
Ion Ratio Lower Upper
146 100
111 38.1 25.3 47.1
148 63.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 35.144 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048183.D
Acq: 21 Apr 2022 19:15

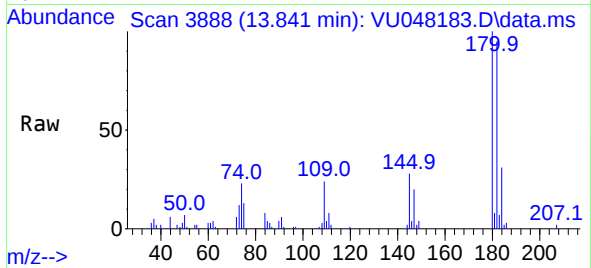
Tgt Ion:146 Resp: 172720
Ion Ratio Lower Upper
146 100
111 38.7 31.7 47.5
148 63.2 51.4 77.2





#70
 1,2,4-trichlorobenzene
 Concen: 4.890 ug/L
 RT: 13.841 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048183.D
 Acq: 21 Apr 2022 19:15

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J34



Tgt Ion:	180	Resp:	17085
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	27.0	21.8	32.8

