

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032922\
 Data File : VU047748.D
 Acq On : 29 Mar 2022 14:51
 Operator : SY/MD
 Sample : N2120-05 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHT3

Quant Time: Mar 30 01:22:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 30 01:20:49 2022
 Response via : Initial Calibration

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

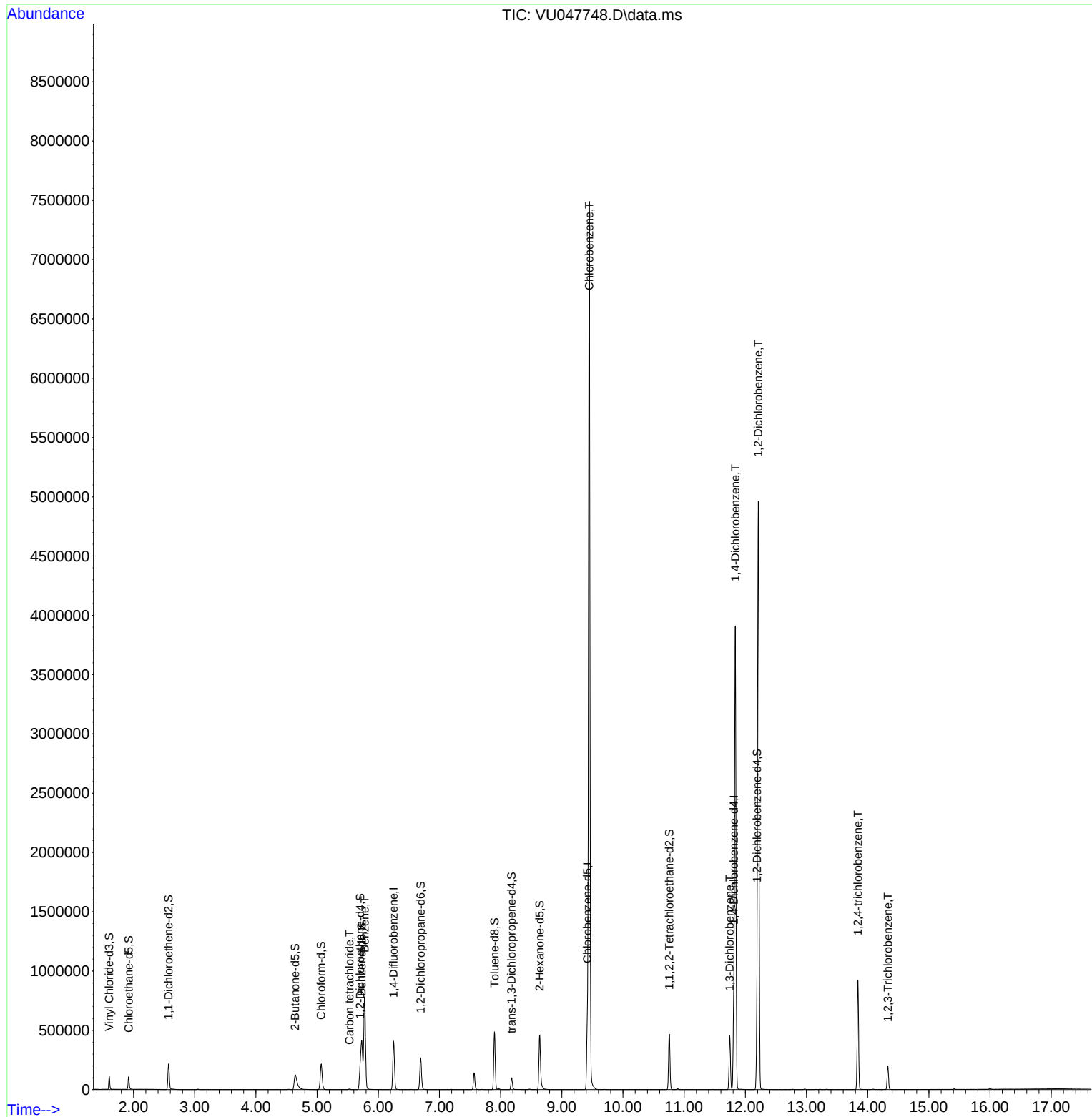
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	344261	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	341467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	204809	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	83651	33.508	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.020%
7) Chloroethane-d5	1.919	69	79317	40.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.580%
11) 1,1-Dichloroethene-d2	2.572	63	122498	26.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.640%#
21) 2-Butanone-d5	4.642	46	253731	118.413	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.410%
24) Chloroform-d	5.067	84	199962	43.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	5.703	65	132791	47.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
32) Benzene-d6	5.729	84	387233	45.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.140%
36) 1,2-Dichloropropane-d6	6.694	67	128619	48.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	7.900	98	327892	39.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.340%#
43) trans-1,3-Dichloroprop...	8.179	79	56226	42.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.120%
47) 2-Hexanone-d5	8.636	63	171445	110.987	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.990%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	230204	50.834	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.660%
66) 1,2-Dichlorobenzene-d4	12.192	152	173802	47.699	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
31) Carbon tetrachloride	5.530	117	3498	1.000	ug/L	99
33) Benzene	5.777	78	754688	76.356	ug/L	100
51) Chlorobenzene	9.449	112	4098800	556.629	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	193297	31.419	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	1590697	249.617	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	2015941	327.477	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	304655	69.611	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	67300	15.339	ug/L	99

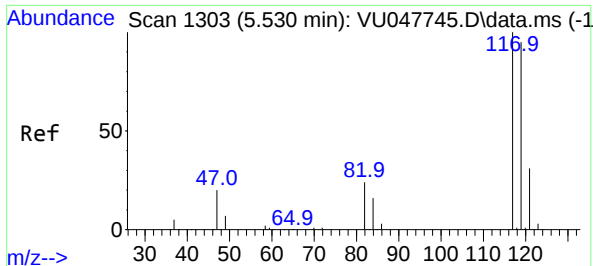
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

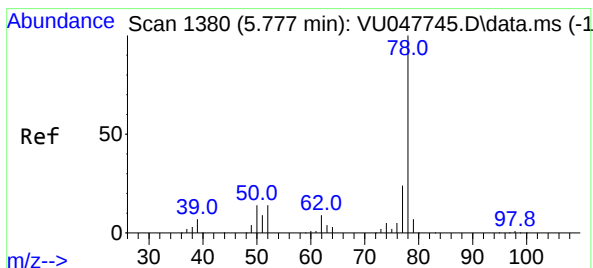
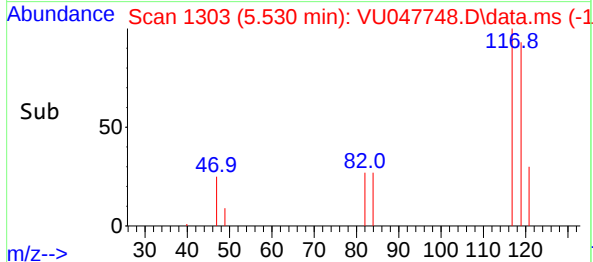
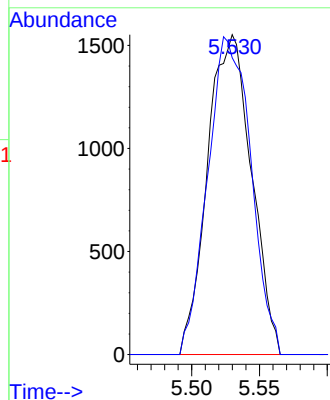
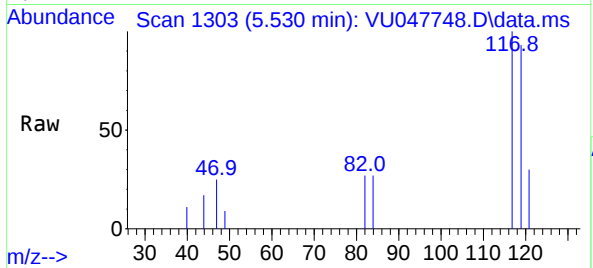




#31
Carbon tetrachloride
Concen: 1.000 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

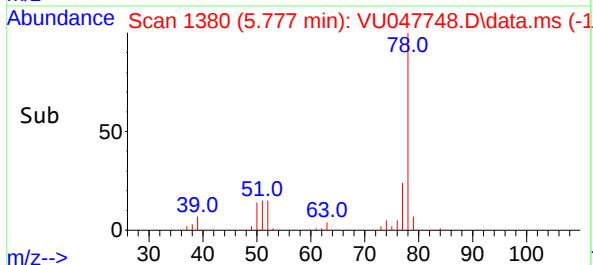
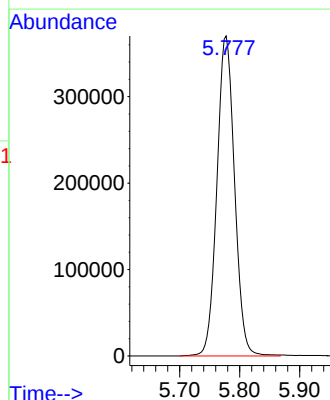
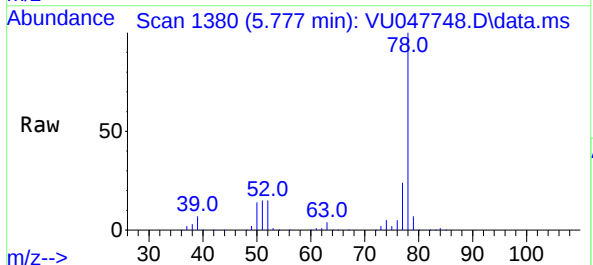
Instrument :
MSVOA_U
ClientSampleId :
COHT3

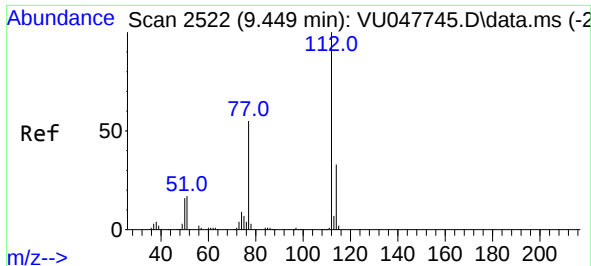
Tgt Ion:117 Resp: 3498
Ion Ratio Lower Upper
117 100
119 97.7 77.2 115.8



#33
Benzene
Concen: 76.356 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

Tgt Ion: 78 Resp: 754688

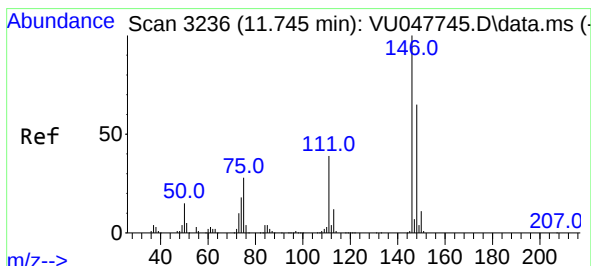
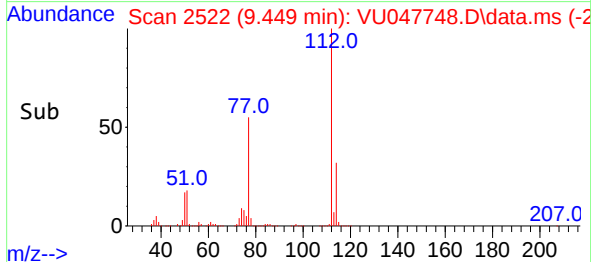
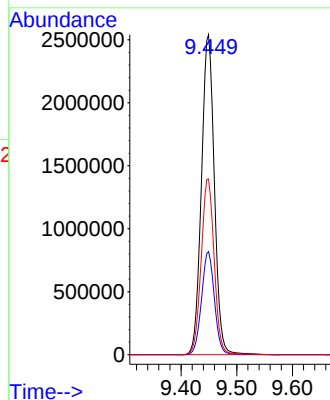
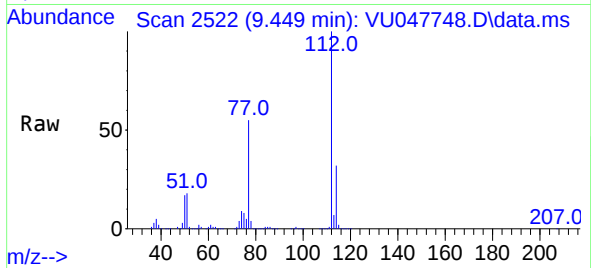




#51
Chlorobenzene
Concen: 556.629 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

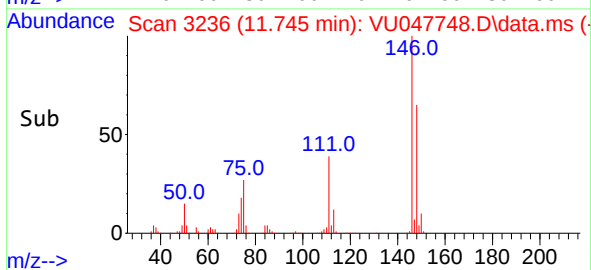
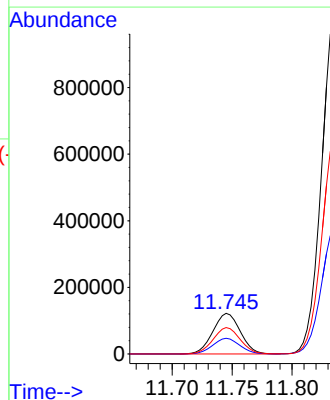
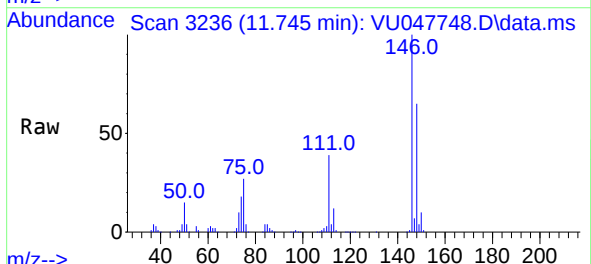
Instrument :
MSVOA_U
ClientSampleId :
COHT3

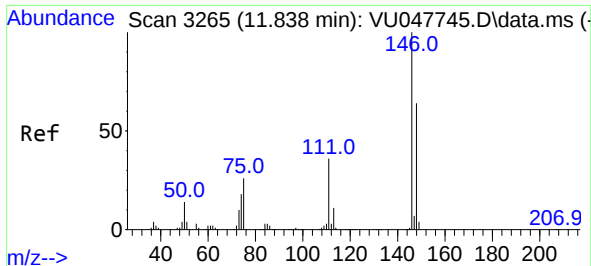
Tgt Ion:112 Resp: 4098800
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 54.9 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 31.419 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

Tgt Ion:146 Resp: 193297
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.7
148 64.9 44.4 82.5

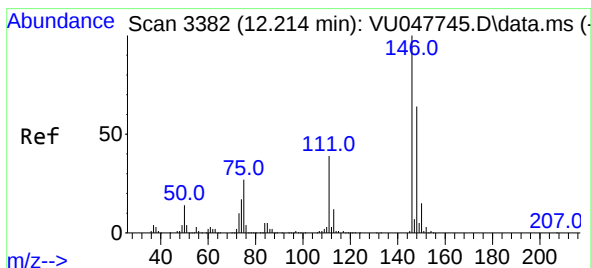
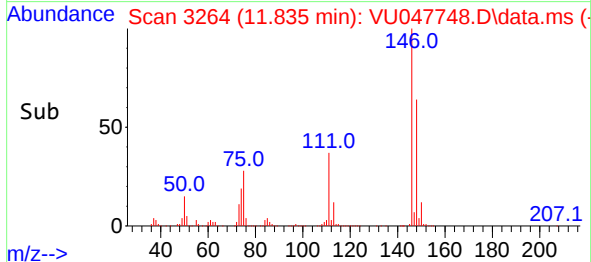
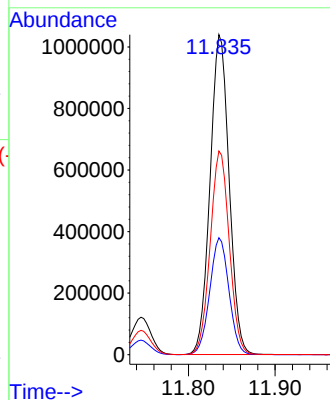
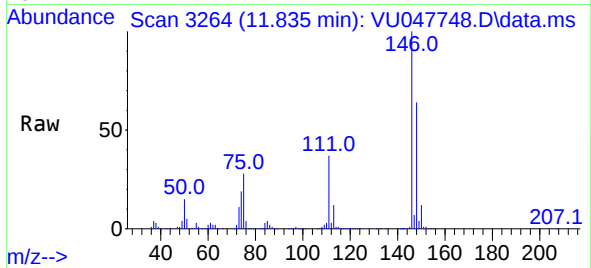




#65
1,4-Dichlorobenzene
Concen: 249.617 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

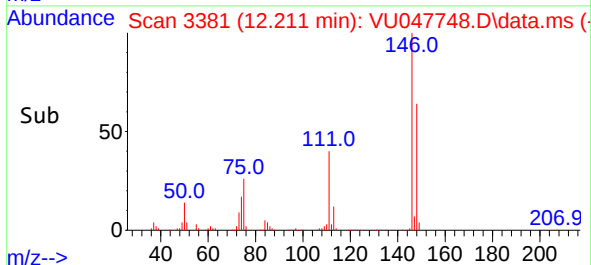
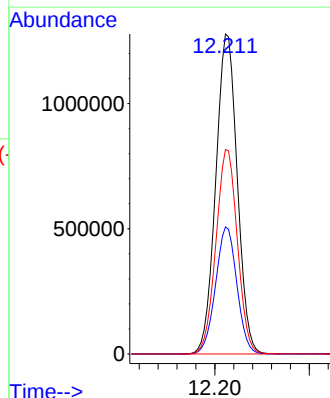
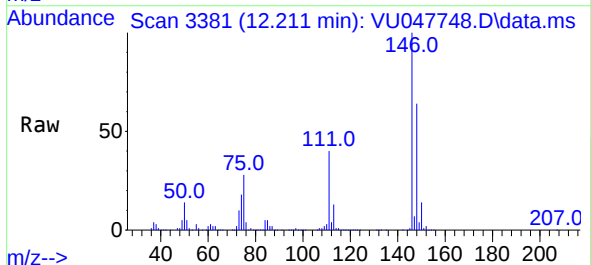
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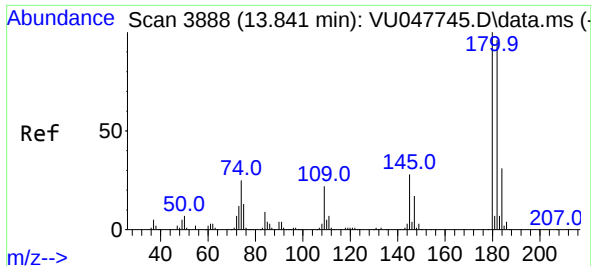
Tgt Ion:146 Resp: 1590697
Ion Ratio Lower Upper
146 100
111 36.6 25.3 47.1
148 63.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 327.477 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

Tgt Ion:146 Resp: 2015941
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 63.9 51.4 77.2

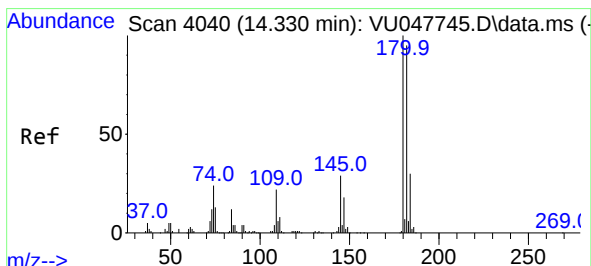
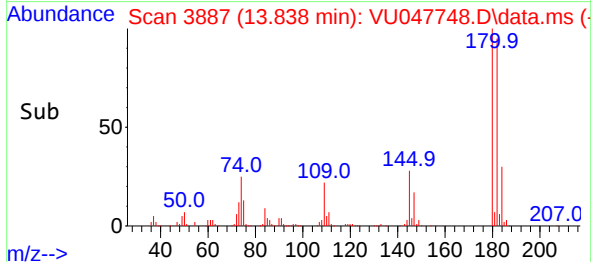
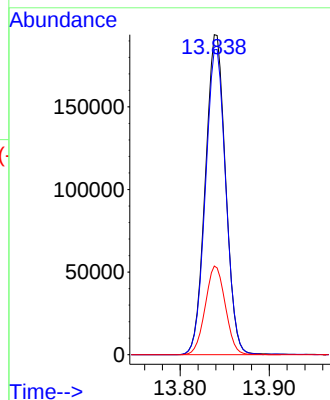
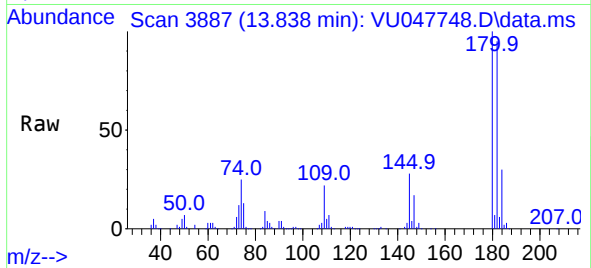




#70
1,2,4-trichlorobenzene
Concen: 69.611 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
COHT3

Tgt Ion:180 Resp: 304655
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.2
145 27.5 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 15.339 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047748.D
Acq: 29 Mar 2022 14:51

Tgt Ion:180 Resp: 67300
Ion Ratio Lower Upper
180 100
182 95.1 77.4 116.0
145 28.7 22.8 34.2

