

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048197.D
 Acq On : 22 Apr 2022 01:50
 Operator : SY/MD
 Sample : N2488-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHX3

Quant Time: Apr 22 06:37:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

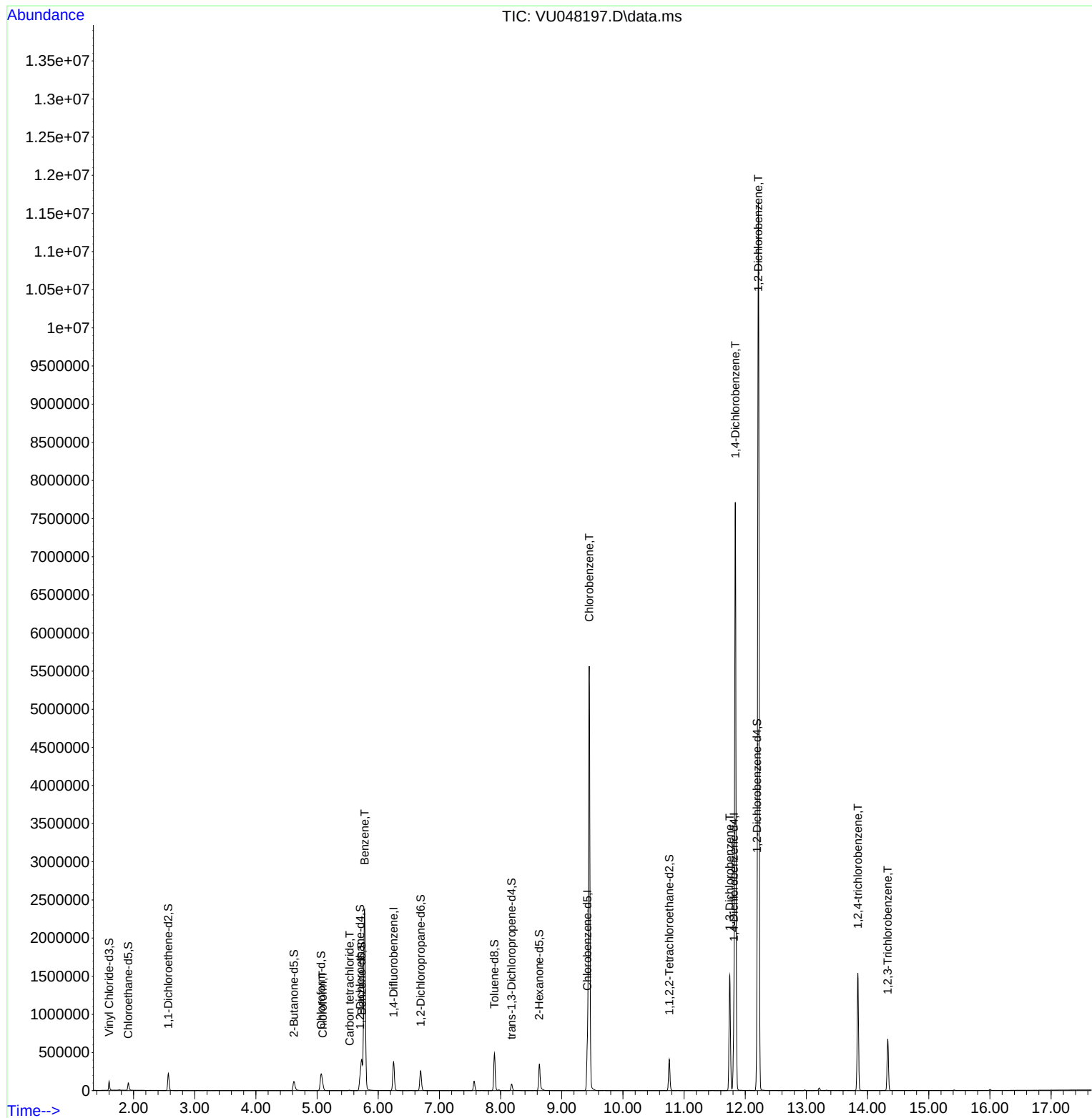
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	325857	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	338006	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	197752	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91313	38.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.280%
7) Chloroethane-d5	1.912	69	82376	44.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.420%
11) 1,1-Dichloroethene-d2	2.568	63	128111	29.633	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.260%#
21) 2-Butanone-d5	4.620	46	170249	83.940	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.940%
24) Chloroform-d	5.066	84	196963	45.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
26) 1,2-Dichloroethane-d4	5.703	65	120450	45.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
32) Benzene-d6	5.729	84	386823	45.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.960%
36) 1,2-Dichloropropane-d6	6.693	67	130580	49.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.980%
41) Toluene-d8	7.899	98	329471	39.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.520%#
43) trans-1,3-Dichloroprop...	8.179	79	49899	37.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.420%
47) 2-Hexanone-d5	8.632	63	115587	75.593	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.590%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202500	45.174	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	165419	47.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.040%
Target Compounds						
					Qvalue	
25) Chloroform	5.092	83	62763	14.020	ug/L	96
31) Carbon tetrachloride	5.533	117	4165	1.203	ug/L	92
33) Benzene	5.777	78	2315455	236.665	ug/L	100
51) Chlorobenzene	9.449	112	3112946	427.076	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	654002	110.095	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	3197556	519.677	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	4839256	814.160	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	500928	118.543	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	223323	52.718	ug/L	100

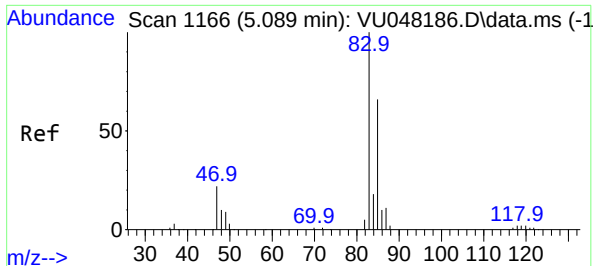
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0HX3

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Quant Title : VOC Analysis
QLast Update : Fri Apr 22 02:51:38 2022
Response via : Initial Calibration

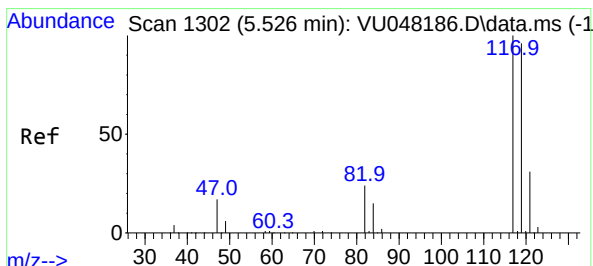
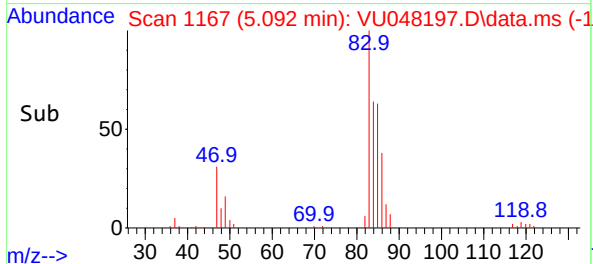
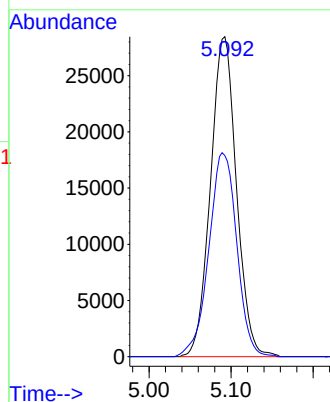
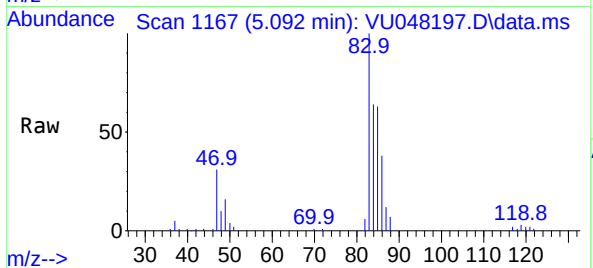




#25
Chloroform
Concen: 14.020 ug/L
RT: 5.092 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

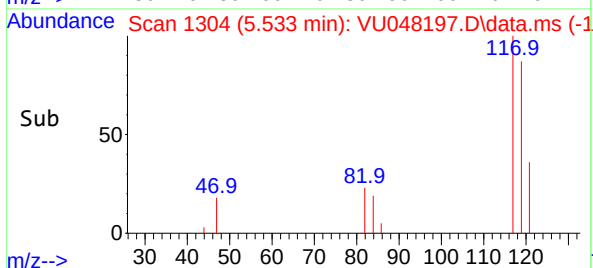
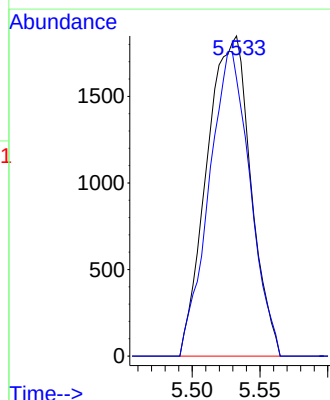
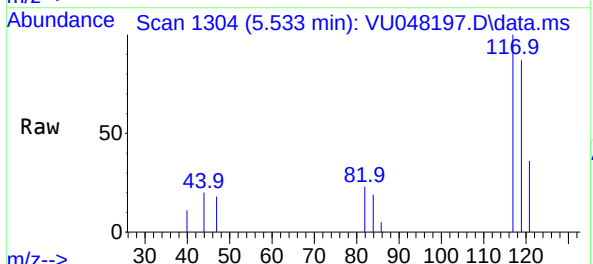
Instrument :
MSVOA_U
ClientSampleId :
COHX3

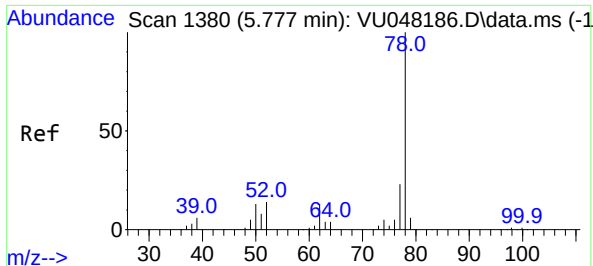
Tgt Ion: 83 Resp: 62763
Ion Ratio Lower Upper
83 100
85 62.9 46.2 85.8



#31
Carbon tetrachloride
Concen: 1.203 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

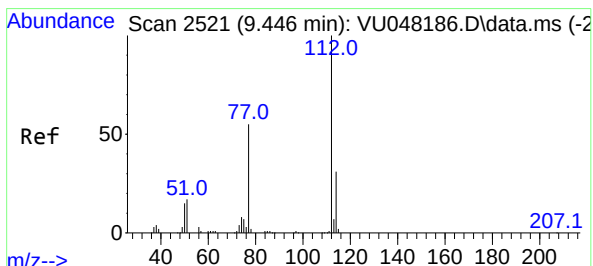
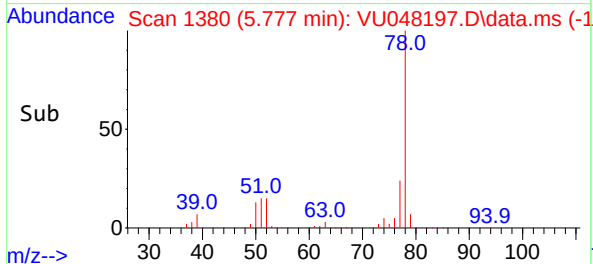
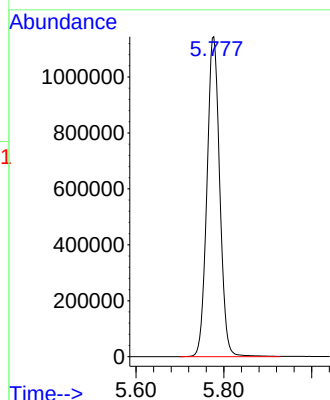
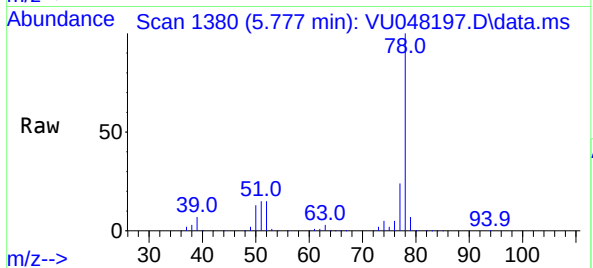
Tgt Ion: 117 Resp: 4165
Ion Ratio Lower Upper
117 100
119 89.1 77.2 115.8





#33
Benzene
Concen: 236.665 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50
Tgt Ion: 78 Resp: 2315455

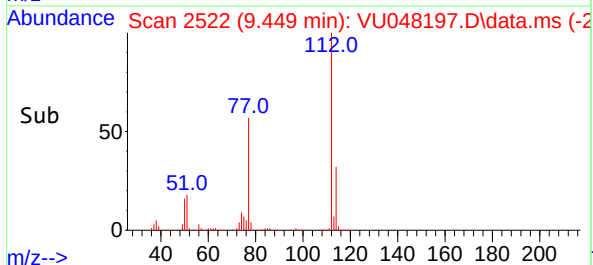
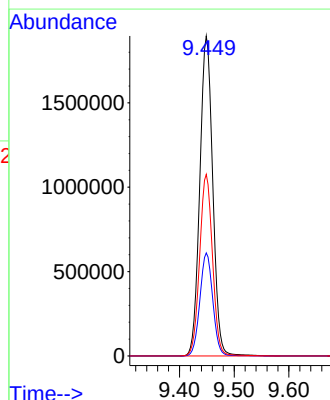
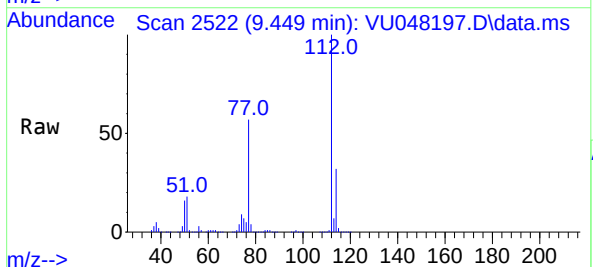
Instrument :
MSVOA_U
ClientSampleId :
COHX3

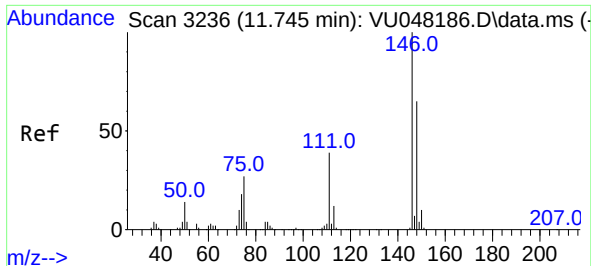


#51
Chlorobenzene
Concen: 427.076 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

Tgt Ion:112 Resp: 3112946

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.1	41.1
77	56.7	43.4	65.0

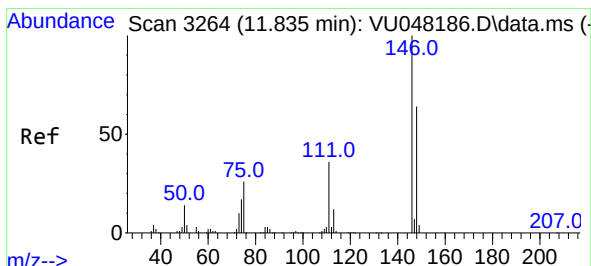
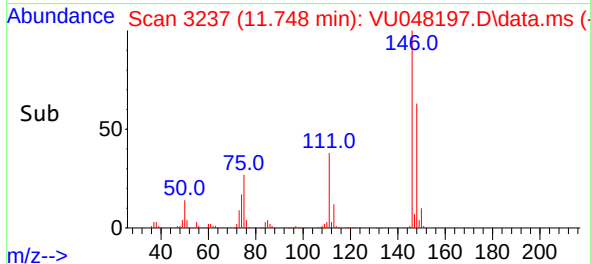
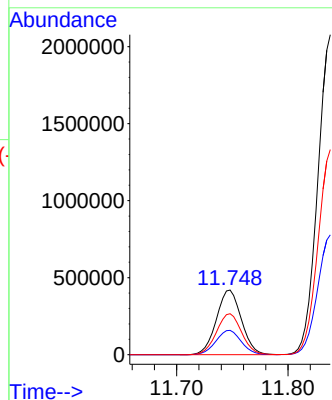
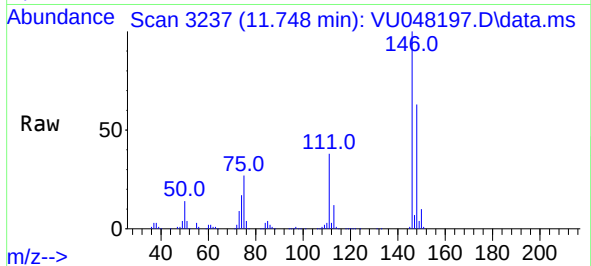




#64
1,3-Dichlorobenzene
Concen: 110.095 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

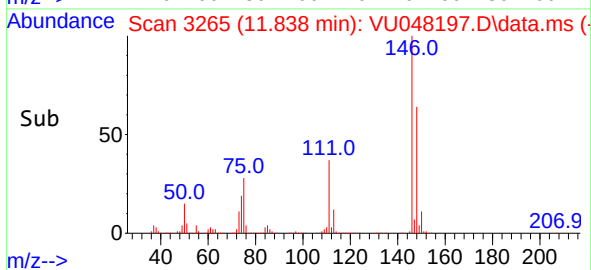
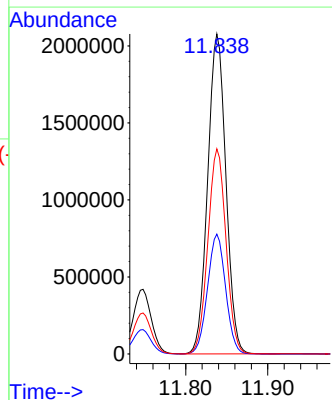
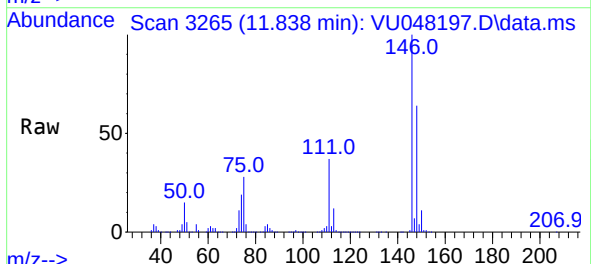
Instrument :
MSVOA_U
ClientSampleId :
COHX3

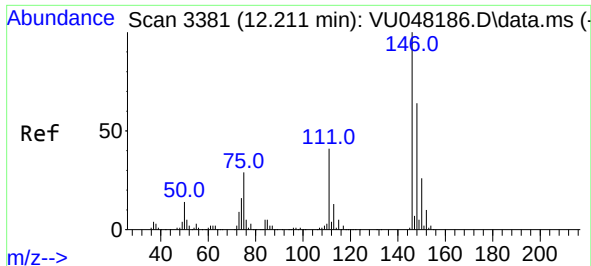
Tgt Ion:146 Resp: 654002
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.7
148 63.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 519.677 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048197.D
Acq: 22 Apr 2022 01:50

Tgt Ion:146 Resp: 3197556
Ion Ratio Lower Upper
146 100
111 37.4 25.3 47.1
148 64.1 44.5 82.7

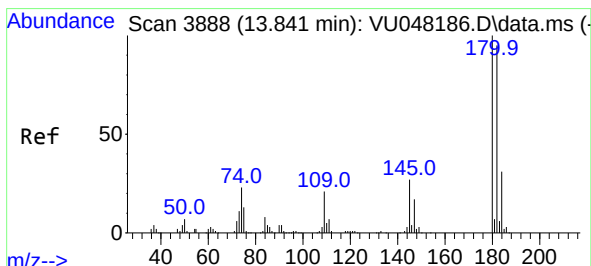
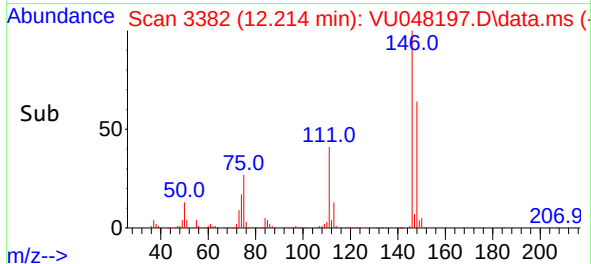
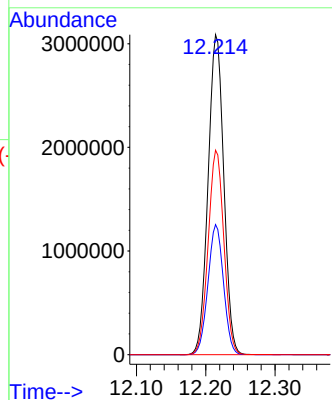
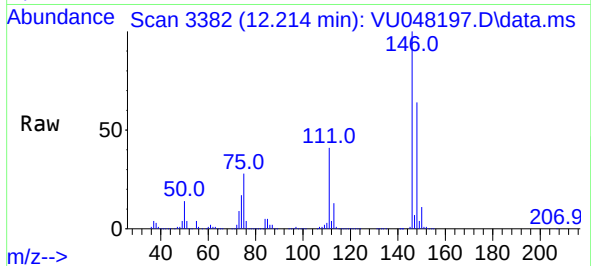




#67
 1,2-Dichlorobenzene
 Concen: 814.160 ug/L
 RT: 12.214 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048197.D
 Acq: 22 Apr 2022 01:50

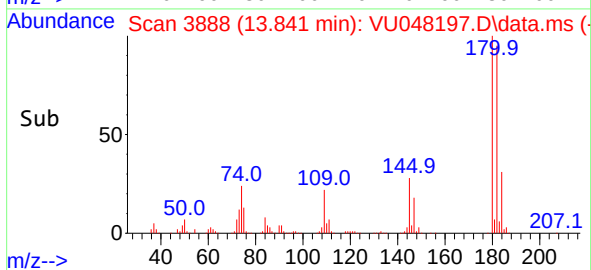
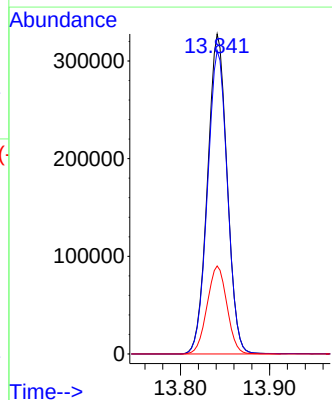
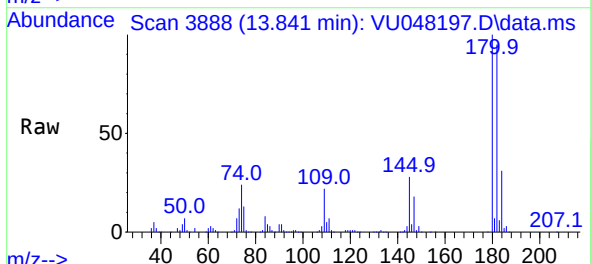
Instrument :
 MSVOA_U
 ClientSampleId :
 COHX3

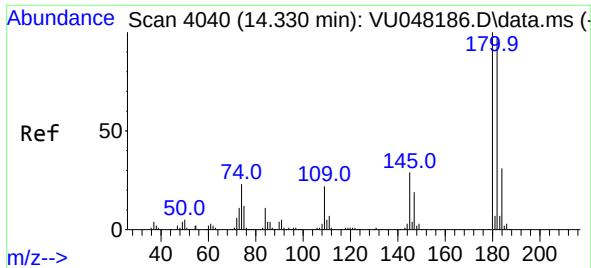
Tgt Ion:146 Resp: 4839256
 Ion Ratio Lower Upper
 146 100
 111 40.6 31.7 47.5
 148 63.9 51.4 77.2



#70
 1,2,4-trichlorobenzene
 Concen: 118.543 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048197.D
 Acq: 22 Apr 2022 01:50

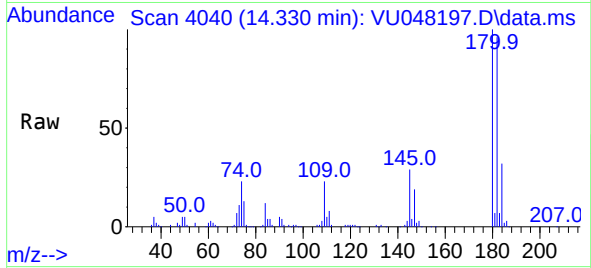
Tgt Ion:180 Resp: 500928
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.2
 145 27.8 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 52.718 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU048197.D
 Acq: 22 Apr 2022 01:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HX3



Tgt Ion:180 Resp: 223323

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.4	116.0
145	29.2	22.8	34.2

