

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048147.D
 Acq On : 20 Apr 2022 16:55
 Operator : SY/MD
 Sample : N2485-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J17

Quant Time: Apr 21 02:43:19 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)

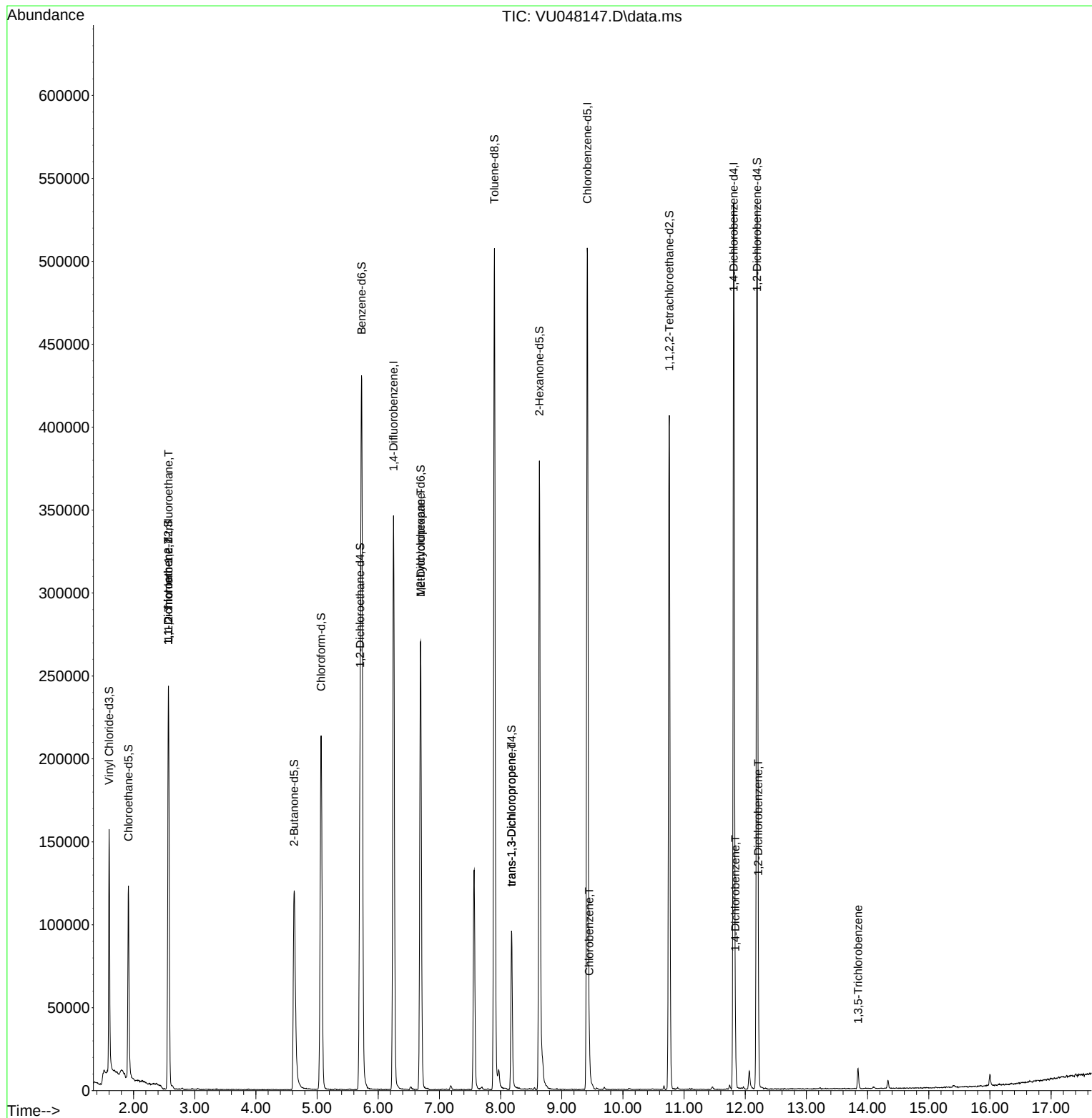
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	295627	50.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	320386	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	154402	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.600	65	109474	51.066	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.140%		
7) Chloroethane-d5		1.915	69	92123	54.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.000%		
11) 1,1-Dichloroethene-d2		2.568	63	139608	35.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 71.180%		
21) 2-Butanone-d5		4.626	46	181831	98.818	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 98.820%		
24) Chloroform-d		5.066	84	204106	52.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.060%		
26) 1,2-Dichloroethane-d4		5.703	65	128228	53.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.600%		
32) Benzene-d6		5.729	84	410556	50.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.860%		
36) 1,2-Dichloropropane-d6		6.693	67	133579	53.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.900%		
41) Toluene-d8		7.899	98	353149	44.961	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 89.920%		
43) trans-1,3-Dichloroprop...		8.179	79	55346	44.124	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 88.240%		
47) 2-Hexanone-d5		8.635	63	128220	88.466	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 88.470%		
56) 1,1,2,2-Tetrachloroeth...		10.758	84	207690	48.880	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 97.760%		
66) 1,2-Dichlorobenzene-d4		12.195	152	154338	56.185	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.380%		
Target Compounds							Qvalue
10) 1,1,2-Trichloro-1,2,2-...		2.571	101	1514	0.695	ug/L #	20
12) 1,1-Dichloroethene		2.568	96	1340	0.661	ug/L #	1
35) Methylcyclohexane		6.693	83	30874	8.347	ug/L #	21
44) trans-1,3-Dichloropropene		8.179	75	2318	0.635	ug/L #	67
51) Chlorobenzene		9.449	112	10616	1.537	ug/L	97
65) 1,4-Dichlorobenzene		11.838	146	8556	1.781	ug/L	96
67) 1,2-Dichlorobenzene		12.214	146	5942	1.280	ug/L #	93
69) 1,3,5-Trichlorobenzene		13.844	180	5044	1.339	ug/L	95

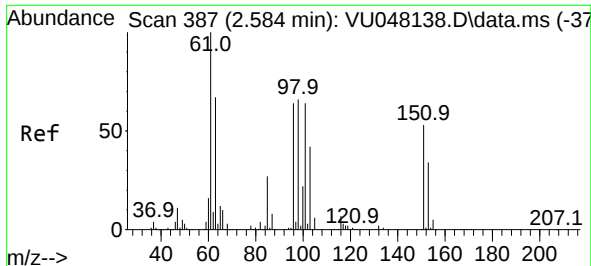
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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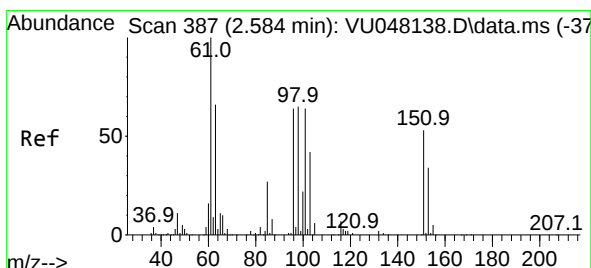
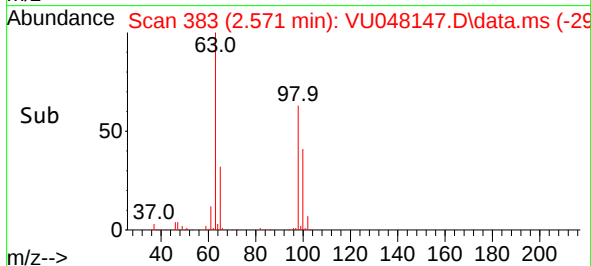
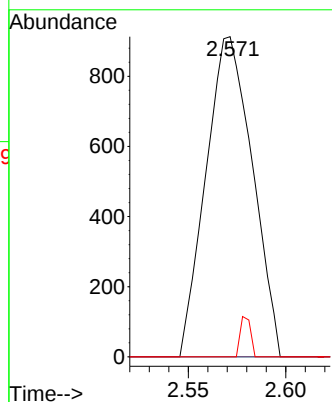
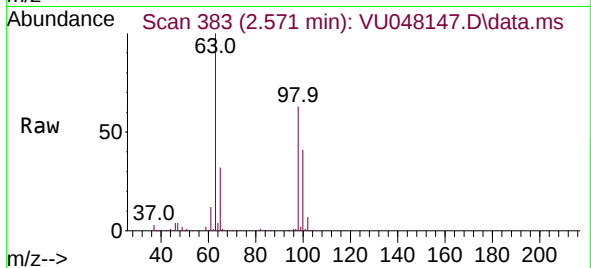




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.695 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048147.D
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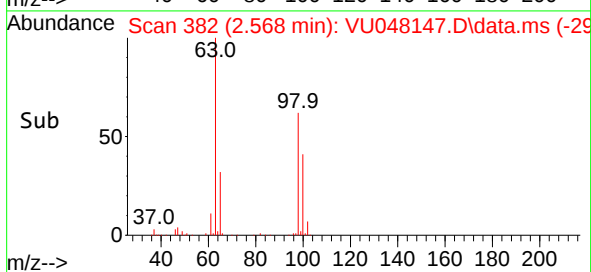
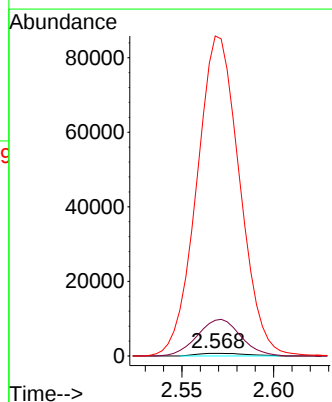
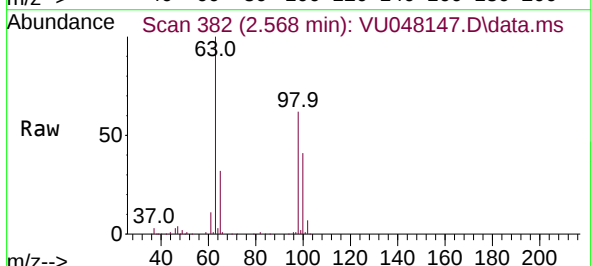
Instrument :
 MSVOA_U
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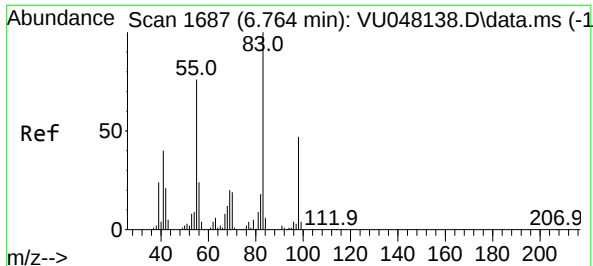
Tgt Ion:101 Resp: 1514
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 2.8 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.661 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048147.D
 Acq: 20 Apr 2022 16:55

Tgt Ion: 96 Resp: 1340
 Ion Ratio Lower Upper
 96 100
 61 1366.2 113.1 210.1#
 63 12243.1 94.8 176.0#





#35

Methylcyclohexane

Concen: 8.347 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU048147.D

Acq: 20 Apr 2022 16:55

Instrument :

MSVOA_U

ClientSampleId :

C0J17

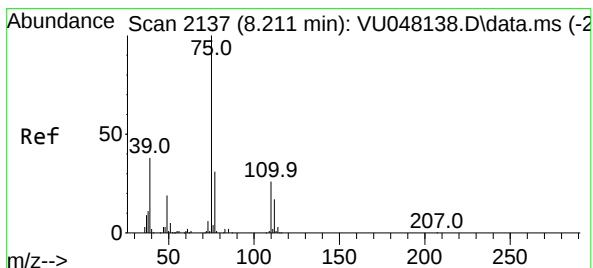
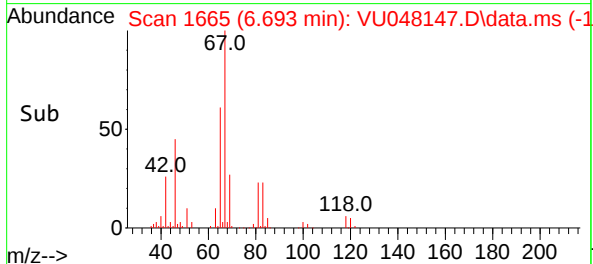
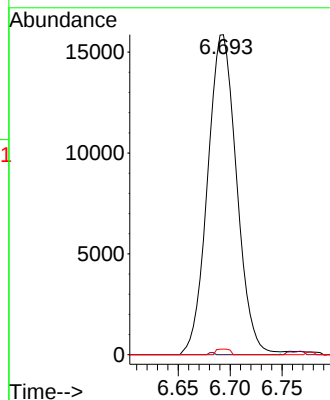
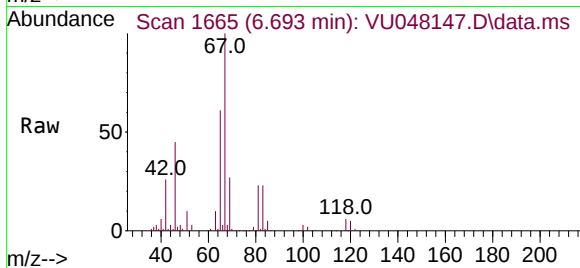
Tgt Ion: 83 Resp: 30874

Ion Ratio Lower Upper

83 100

55 0.1 56.8 85.2#

98 0.8 38.1 57.1#



#44

trans-1,3-Dichloropropene

Concen: 0.635 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048147.D

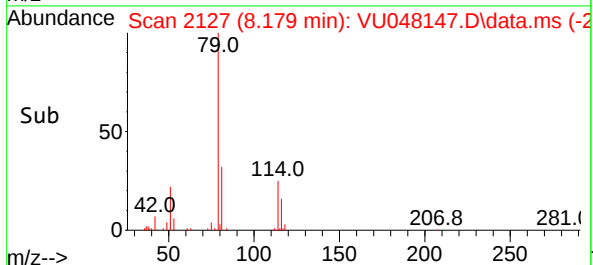
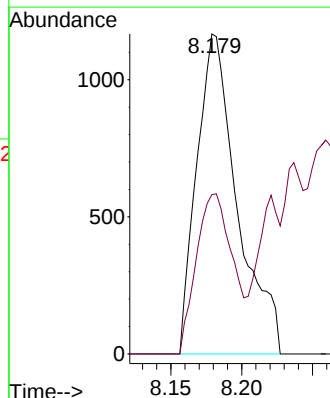
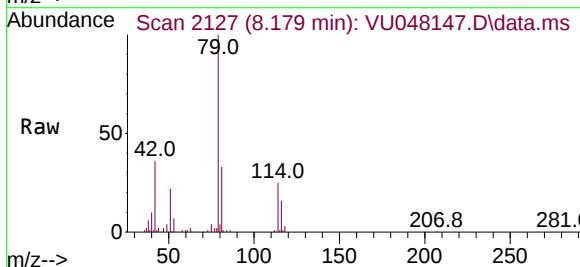
Acq: 20 Apr 2022 16:55

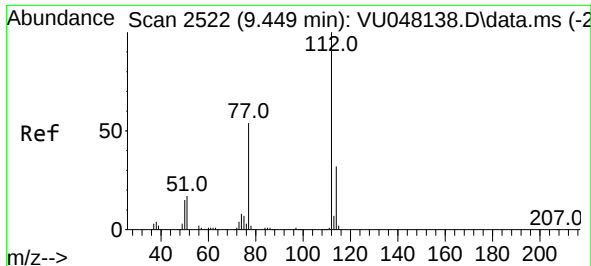
Tgt Ion: 75 Resp: 2318

Ion Ratio Lower Upper

75 100

77 49.8 22.0 40.8#

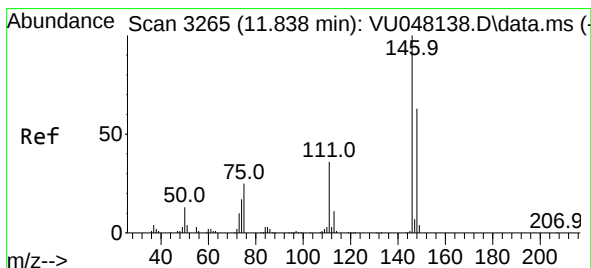
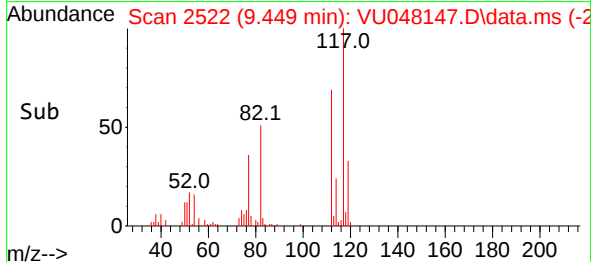
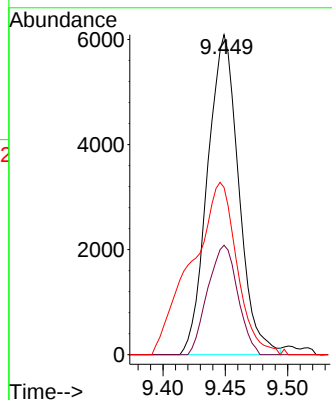
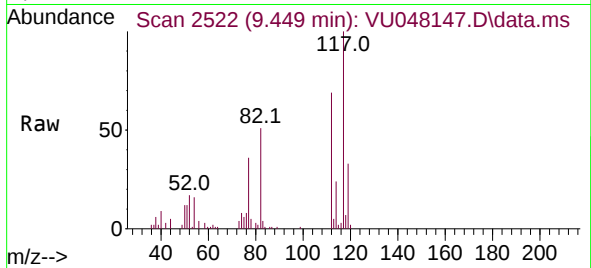




#51
Chlorobenzene
Concen: 1.537 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048147.D
Acq: 20 Apr 2022 16:55

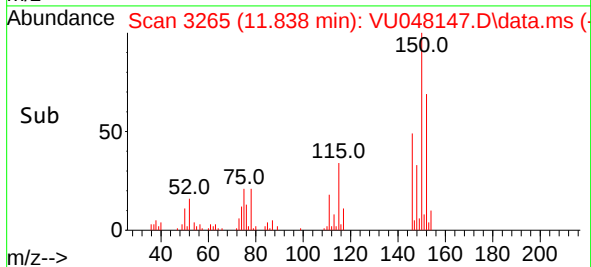
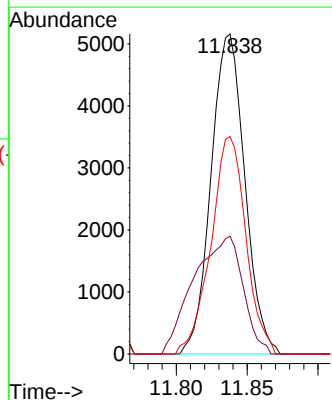
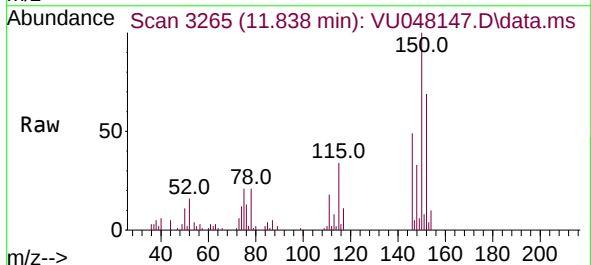
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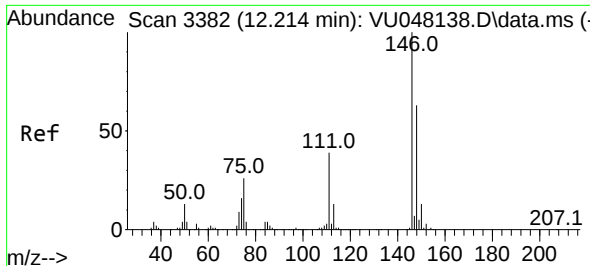
Tgt Ion:112 Resp: 10616
Ion Ratio Lower Upper
112 100
114 34.2 22.1 41.1
77 52.3 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 1.781 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048147.D
Acq: 20 Apr 2022 16:55

Tgt Ion:146 Resp: 8556
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 67.9 44.5 82.7

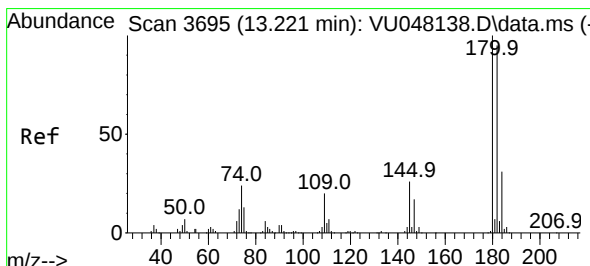
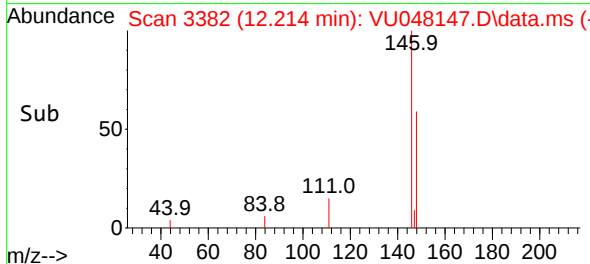
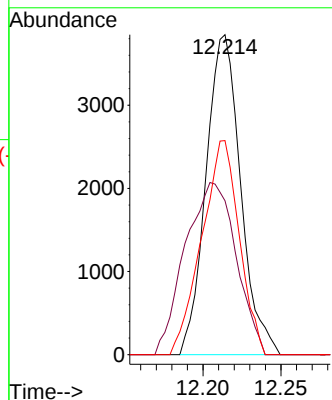
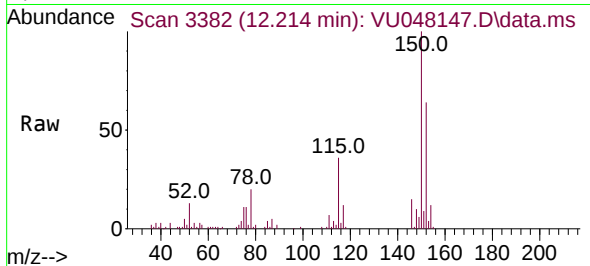




#67
1,2-Dichlorobenzene
Concen: 1.280 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048147.D
Acq: 20 Apr 2022 16:55

Instrument :
MSVOA_U
ClientSampleId :
C0J17

Tgt Ion:146 Resp: 5942
Ion Ratio Lower Upper
146 100
111 48.1 31.7 47.5#
148 66.9 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 1.339 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU048147.D
Acq: 20 Apr 2022 16:55

Tgt Ion:180 Resp: 5044
Ion Ratio Lower Upper
180 100
182 88.9 77.0 115.6
184 31.8 24.5 36.7
145 25.7 21.0 31.6

