

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048226.D
 Acq On : 22 Apr 2022 15:45
 Operator : SY/MD
 Sample : N2486-06 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:02:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

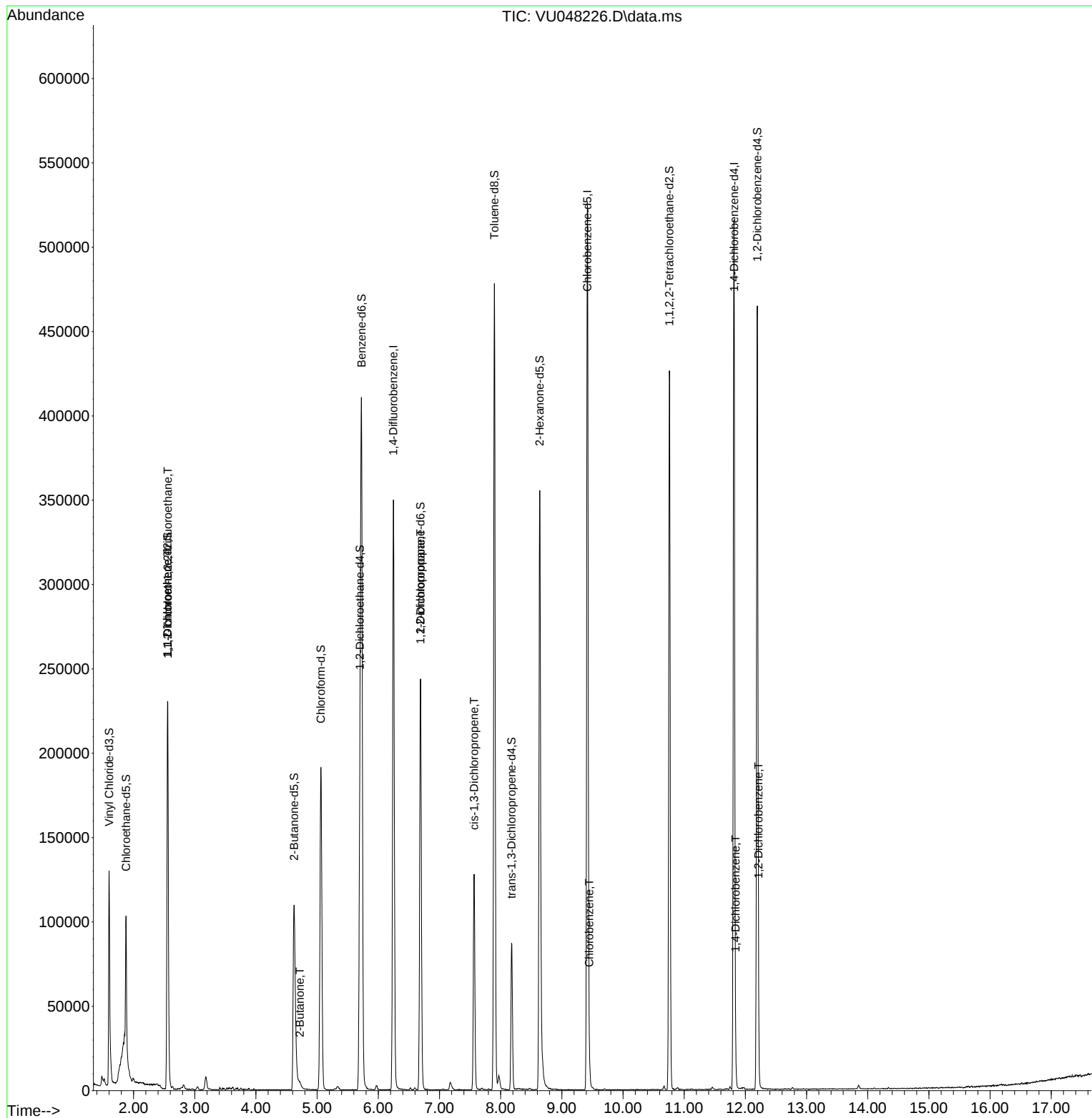
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	298843	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	313268	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	150531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111062	51.249	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	102.500%	
7) Chloroethane-d5	1.877	69	62891	36.805	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	=	73.600%	
11) 1,1-Dichloroethene-d2	2.555	63	135766	34.242	ug/L	-0.02
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.480%	
21) 2-Butanone-d5	4.623	46	174495	93.811	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.810%	
24) Chloroform-d	5.060	84	181823	45.854	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.700%	
26) 1,2-Dichloroethane-d4	5.700	65	115167	47.356	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.720%	
32) Benzene-d6	5.726	84	385793	48.942	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.880%	
36) 1,2-Dichloropropane-d6	6.690	67	118259	48.850	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.700%	
41) Toluene-d8	7.896	98	326868	42.561	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.120%	
43) trans-1,3-Dichloroprop...	8.179	79	49932	40.713	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.420%	
47) 2-Hexanone-d5	8.639	63	128256	90.502	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212982	51.264	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	102.520%	
66) 1,2-Dichlorobenzene-d4	12.195	152	132282	49.394	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.780%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1255	0.570	ug/L #	18
12) 1,1-Dichloroethene	2.555	96	1161	0.566	ug/L #	1
22) 2-Butanone	4.716	43	6996	3.138	ug/L #	58
37) 1,2-Dichloropropane	6.687	63	12173	5.281	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2911	0.814	ug/L #	53
51) Chlorobenzene	9.446	112	8743	1.294	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	6503	1.388	ug/L #	85
67) 1,2-Dichlorobenzene	12.214	146	5314	1.174	ug/L #	91

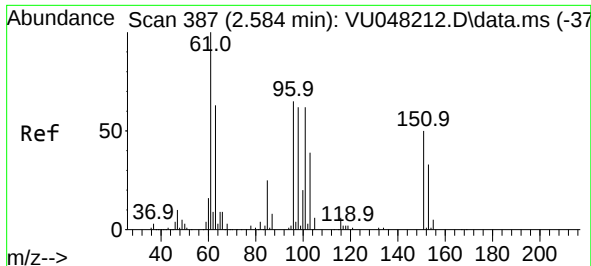
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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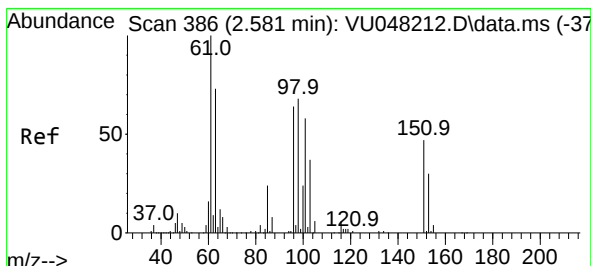
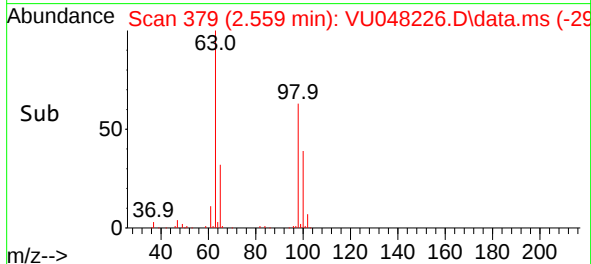
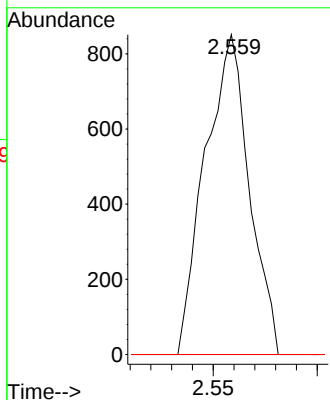
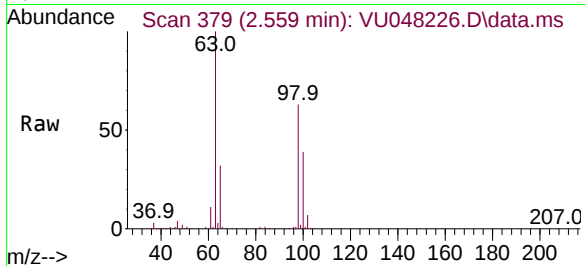




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.570 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.026 min
Lab File: VU048226.D
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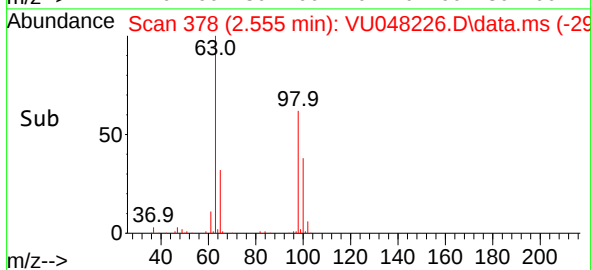
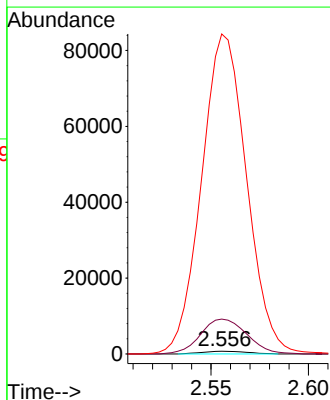
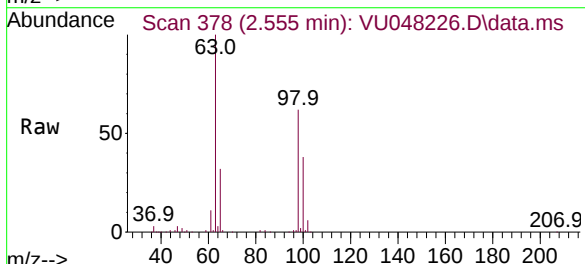
Instrument :
MSVOA_U
ClientSampleId :

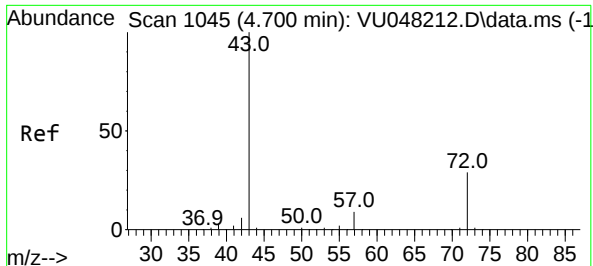
Tgt Ion:101 Resp: 1255
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.566 ug/L
RT: 2.555 min Scan# 378
Delta R.T. -0.026 min
Lab File: VU048226.D
Acq: 22 Apr 2022 15:45

Tgt Ion: 96 Resp: 1161
Ion Ratio Lower Upper
96 100
61 1254.6 113.1 210.1#
63 11508.9 94.8 176.0#





#22

2-Butanone

Concen: 3.138 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU048226.D

Acq: 22 Apr 2022 15:45

Instrument :

MSVOA_U

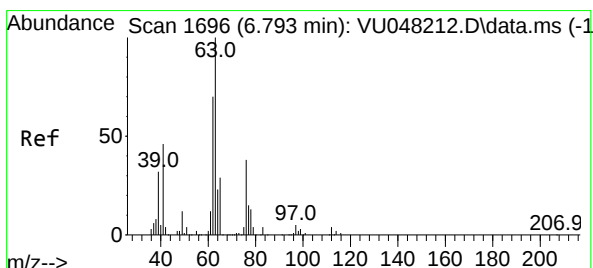
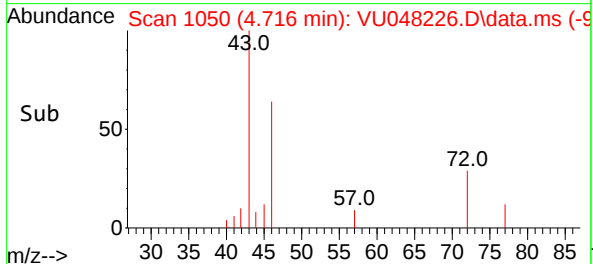
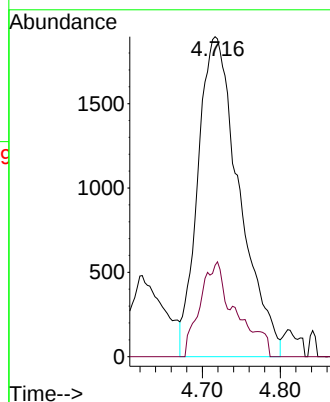
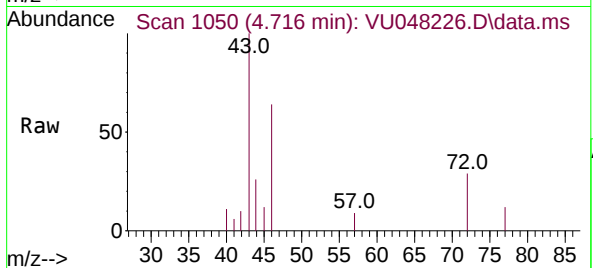
ClientSampleId :

Tgt Ion: 43 Resp: 6996

Ion Ratio Lower Upper

43 100

72 8.4 16.0 47.9#



#37

1,2-Dichloropropane

Concen: 5.281 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.106 min

Lab File: VU048226.D

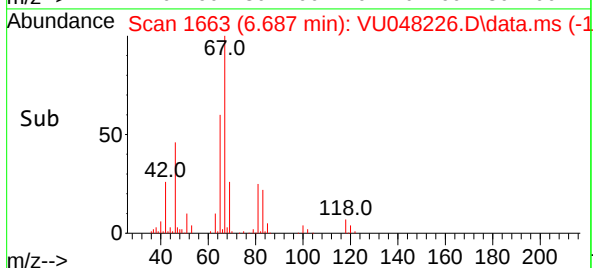
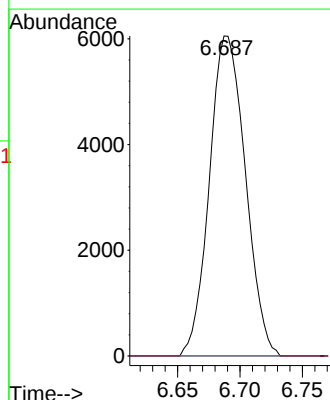
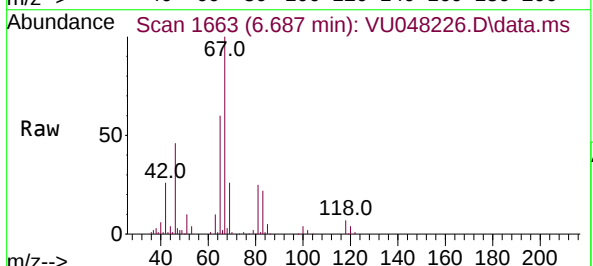
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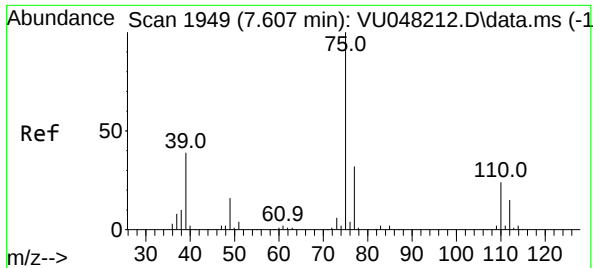
Tgt Ion: 63 Resp: 12173

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

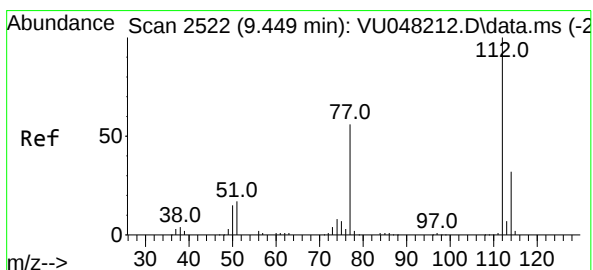
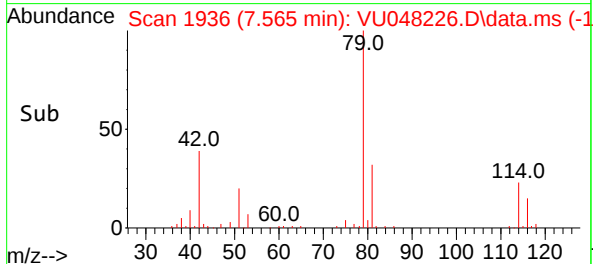
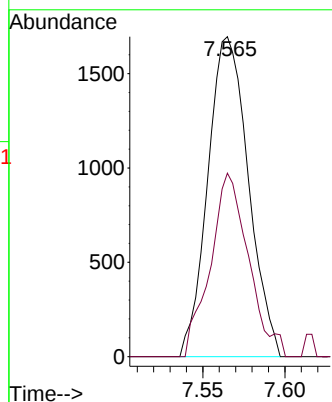
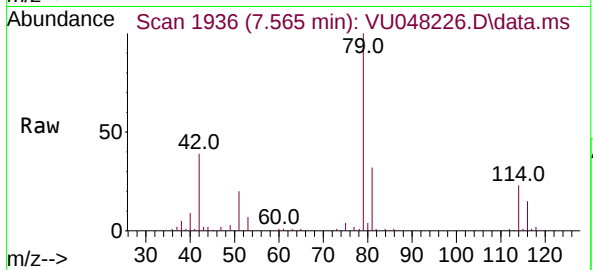




#39
 cis-1,3-Dichloropropene
 Concen: 0.814 ug/L
 RT: 7.565 min Scan# 1936
 Delta R.T. -0.042 min
 Lab File: VU048226.D
 Acq: 22 Apr 2022 15:45

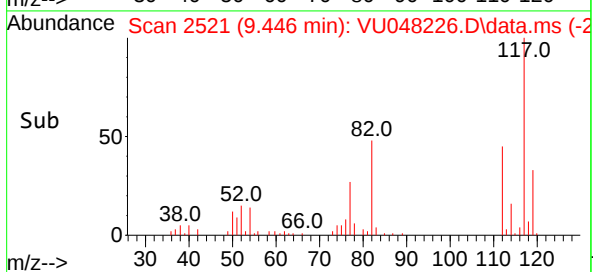
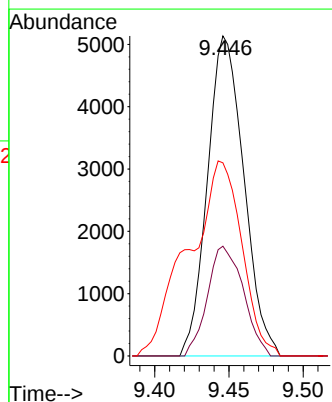
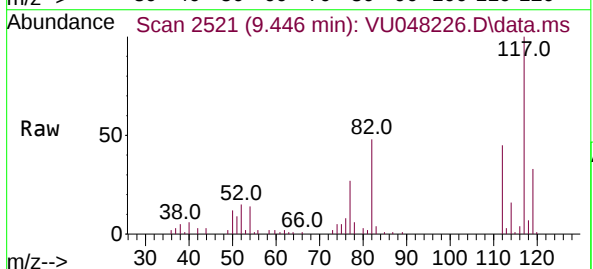
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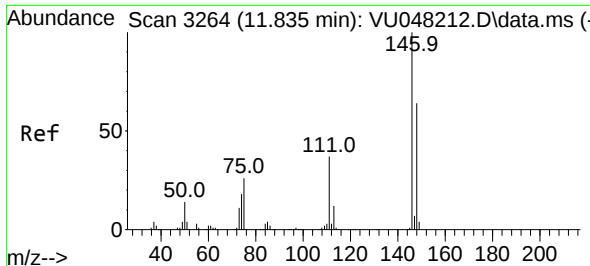
Tgt Ion: 75 Resp: 2911
 Ion Ratio Lower Upper
 75 100
 77 57.4 21.8 40.6#



#51
 Chlorobenzene
 Concen: 1.294 ug/L
 RT: 9.446 min Scan# 2521
 Delta R.T. -0.003 min
 Lab File: VU048226.D
 Acq: 22 Apr 2022 15:45

Tgt Ion: 112 Resp: 8743
 Ion Ratio Lower Upper
 112 100
 114 34.3 22.1 41.1
 77 60.4 43.4 65.0

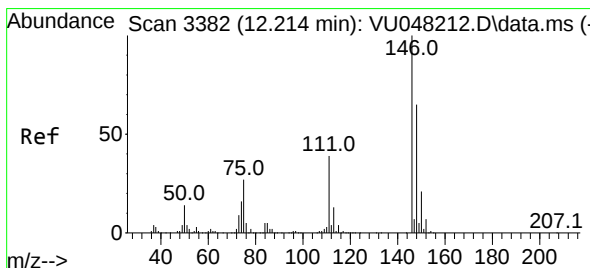
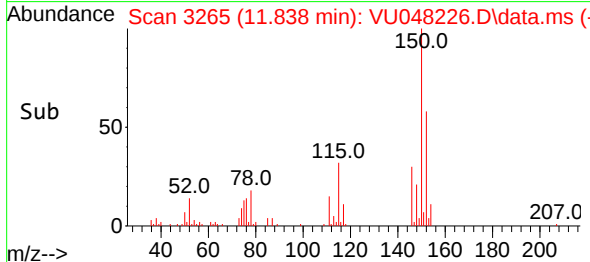
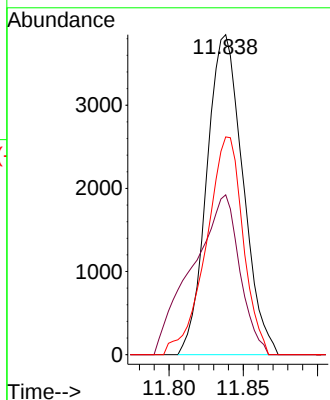
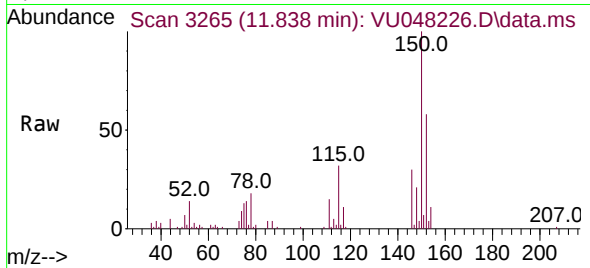




#65
1,4-Dichlorobenzene
Concen: 1.388 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048226.D
Acq: 22 Apr 2022 15:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 6503
Ion Ratio Lower Upper
146 100
111 54.2 25.3 47.1#
148 68.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.174 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048226.D
Acq: 22 Apr 2022 15:45

Tgt Ion:146 Resp: 5314
Ion Ratio Lower Upper
146 100
111 51.0 31.7 47.5#
148 67.1 51.4 77.2

