

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041522\
 Data File : VU048101.D
 Acq On : 15 Apr 2022 14:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK060

Quant Time: Apr 16 00:36:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 16 00:34:16 2022
 Response via : Initial Calibration

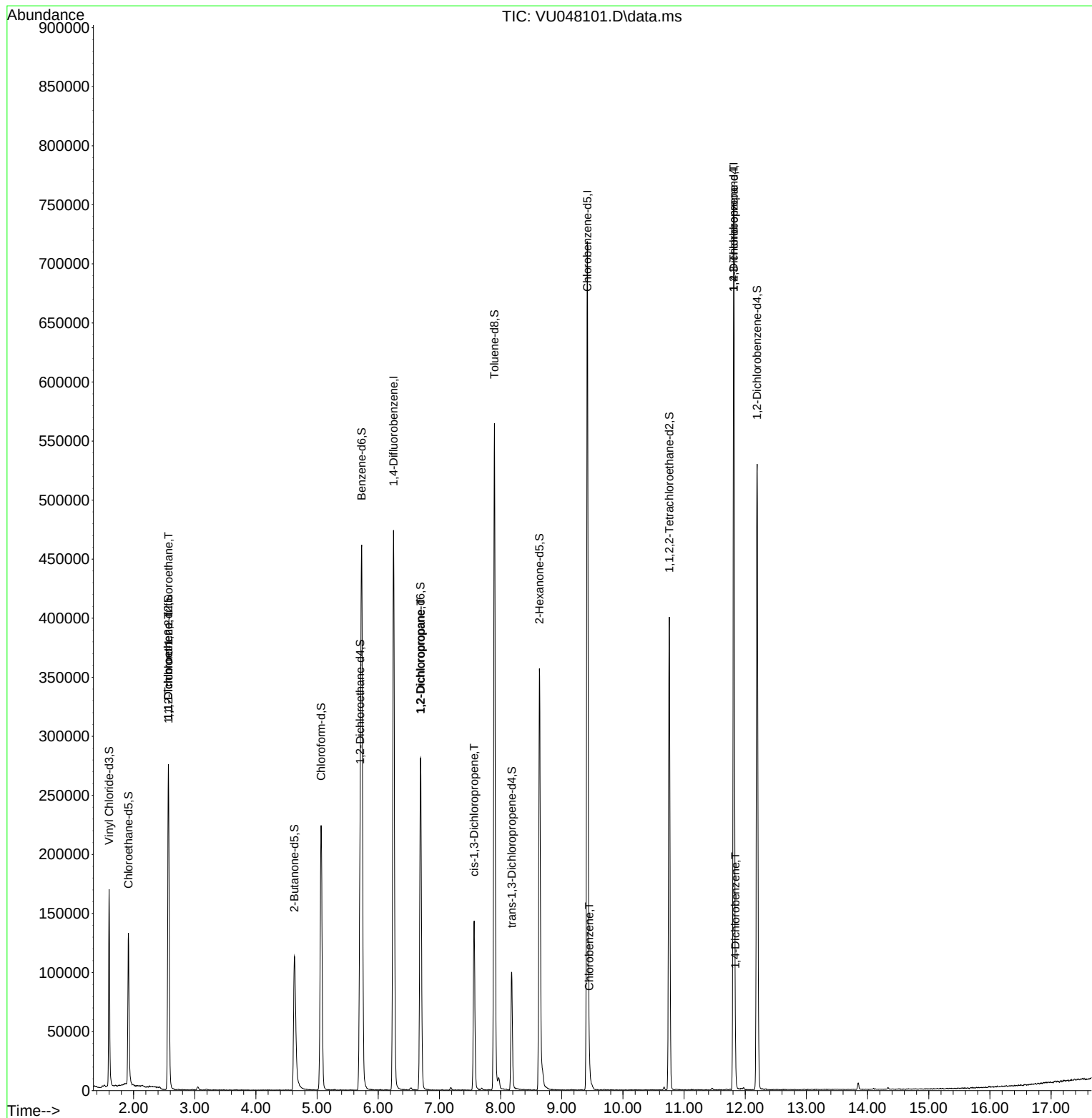
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	403621	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	427754	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	209489	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	124739	42.618	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.240%	
7) Chloroethane-d5	1.916	69	101763	44.094	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.180%	
11) 1,1-Dichloroethene-d2	2.568	63	161831	30.220	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.440%	
21) 2-Butanone-d5	4.629	46	178772	71.160	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	71.160%	
24) Chloroform-d	5.067	84	212687	39.714	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	79.420%	
26) 1,2-Dichloroethane-d4	5.703	65	134344	40.901	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.800%	
32) Benzene-d6	5.729	84	436014	40.509	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.020%	
36) 1,2-Dichloropropane-d6	6.690	67	140692	42.562	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	85.120%	
41) Toluene-d8	7.899	98	386830	36.887	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	73.780%#	
43) trans-1,3-Dichloroprop...	8.182	79	58325	34.828	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.660%	
47) 2-Hexanone-d5	8.636	63	125168	64.684	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	64.680%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	198278	34.952	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	69.900%	
66) 1,2-Dichlorobenzene-d4	12.195	152	155235	41.651	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.300%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1464	0.492	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1263	0.456	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	13961	4.436	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3207	0.657	ug/L #	52
51) Chlorobenzene	9.449	112	8616	0.934	ug/L	91
60) 1,2,3-Trichloropropane	11.812	75	23094	5.848	ug/L #	66
65) 1,4-Dichlorobenzene	11.838	146	6065	0.930	ug/L	90

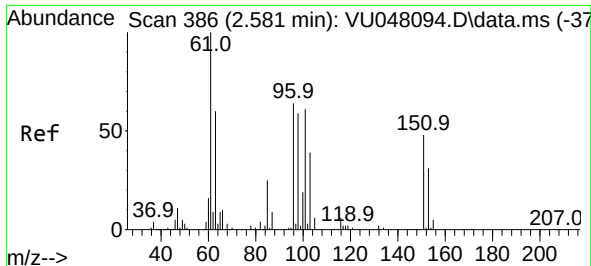
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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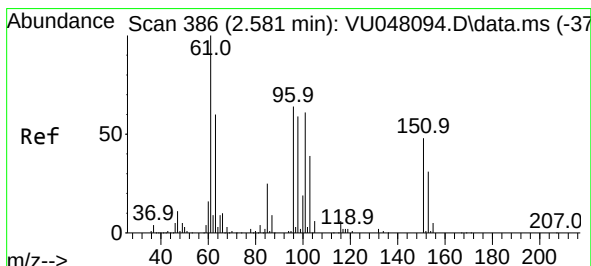
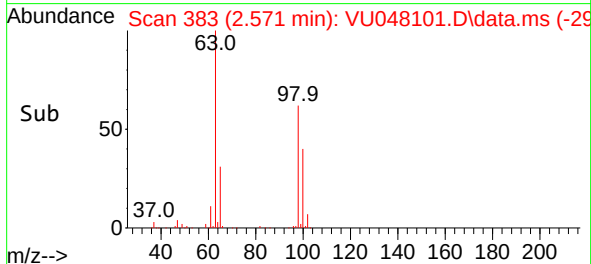
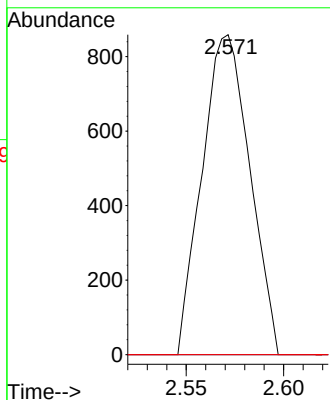
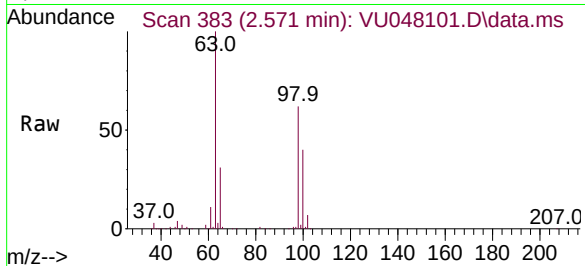




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.492 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048101.D
 Acq: 15 Apr 2022 14:35

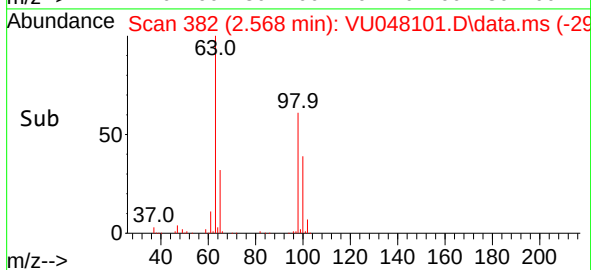
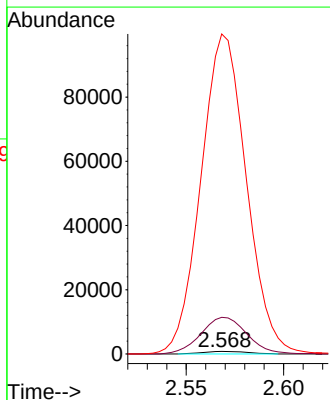
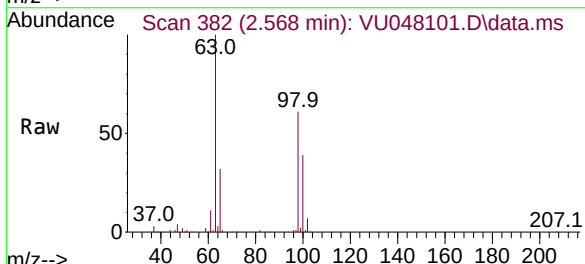
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK060

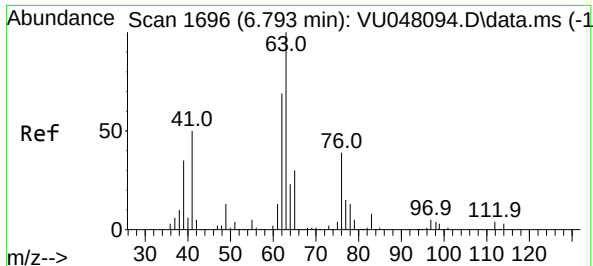
Tgt Ion:101 Resp: 1464
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.456 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048101.D
 Acq: 15 Apr 2022 14:35

Tgt Ion: 96 Resp: 1263
 Ion Ratio Lower Upper
 96 100
 61 1470.7 113.1 210.1#
 63 12825.7 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 4.436 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048101.D

Acq: 15 Apr 2022 14:35

Instrument :

MSVOA_U

ClientSampleId :

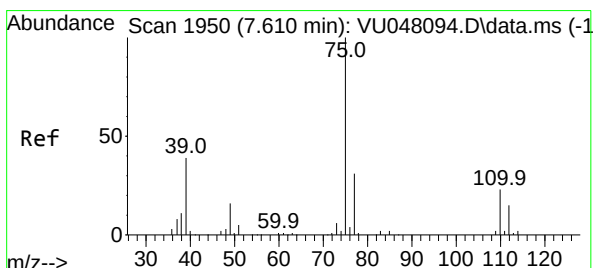
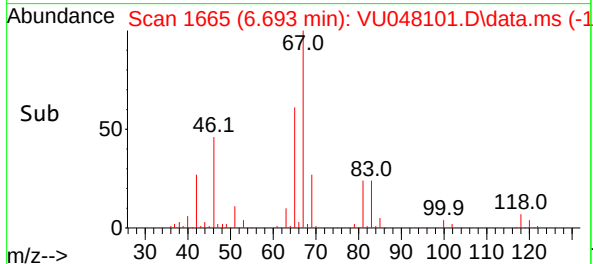
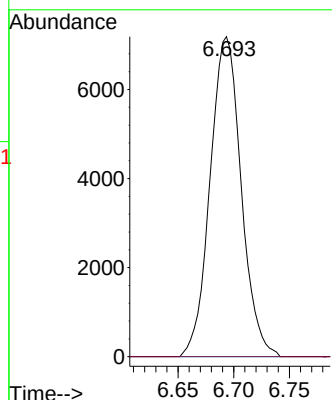
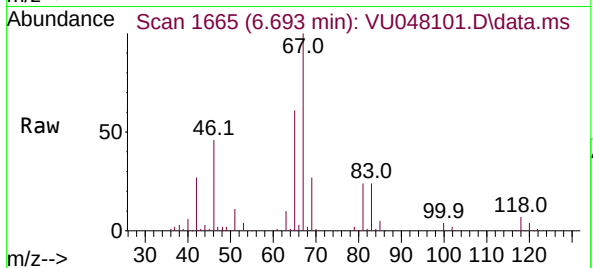
VIBLK060

Tgt Ion: 63 Resp: 13961

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.657 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048101.D

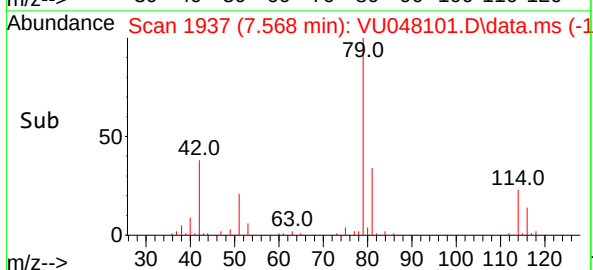
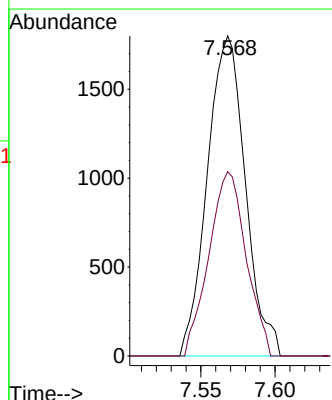
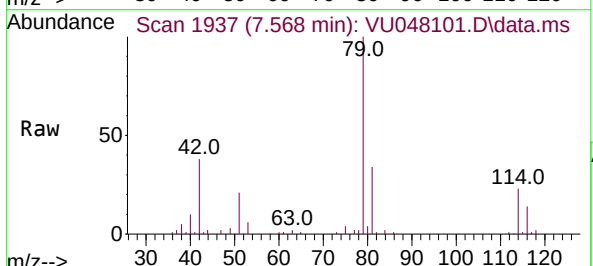
Acq: 15 Apr 2022 14:35

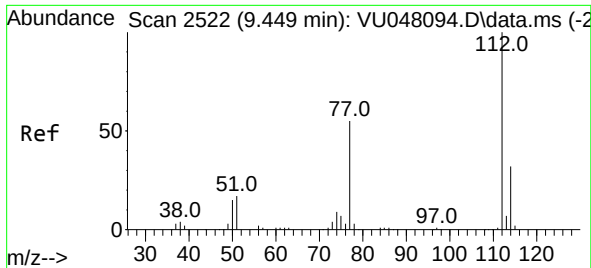
Tgt Ion: 75 Resp: 3207

Ion Ratio Lower Upper

75 100

77 57.6 21.8 40.6#

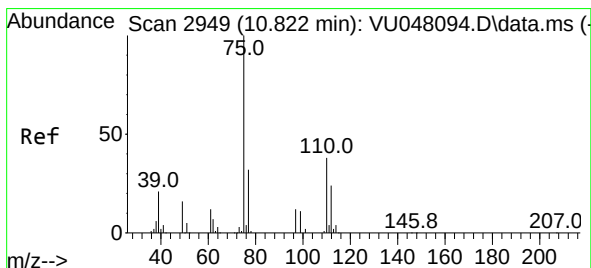
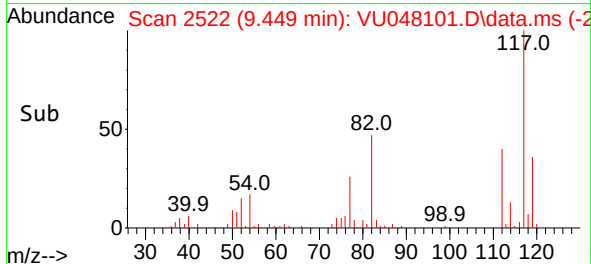
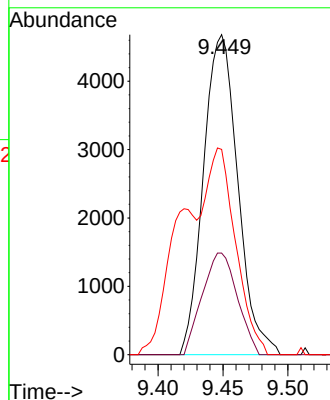
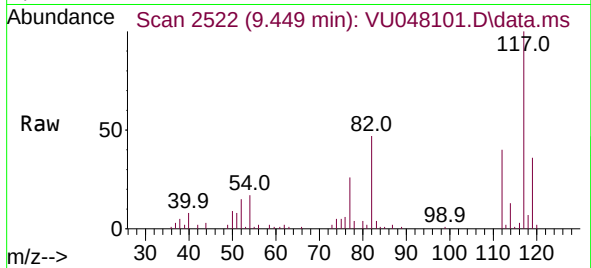




#51
Chlorobenzene
Concen: 0.934 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048101.D
Acq: 15 Apr 2022 14:35

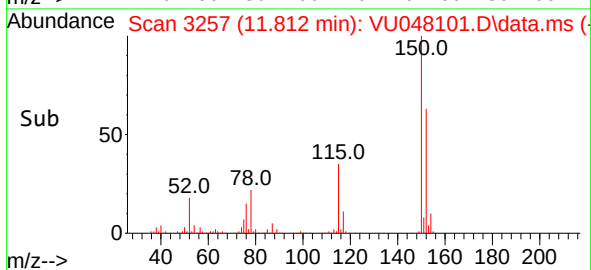
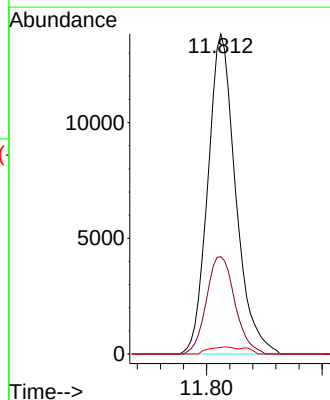
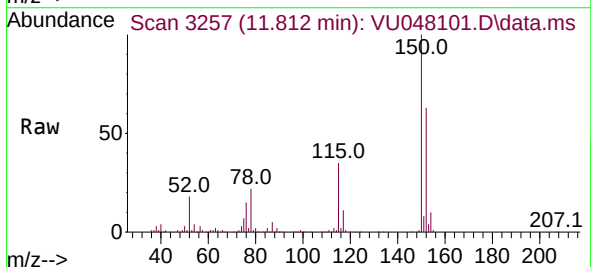
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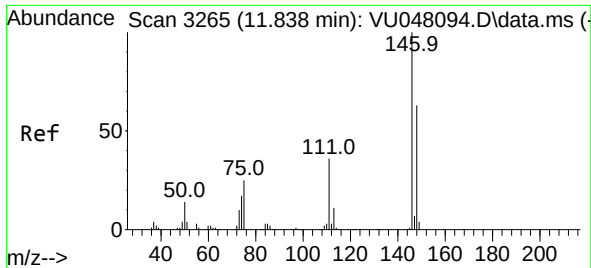
Tgt Ion:112 Resp: 8616
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 64.2 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 5.848 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU048101.D
Acq: 15 Apr 2022 14:35

Tgt Ion: 75 Resp: 23094
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0
110 2.2 31.4 47.2#





#65

1,4-Dichlorobenzene

Concen: 0.930 ug/L

RT: 11.838 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048101.D

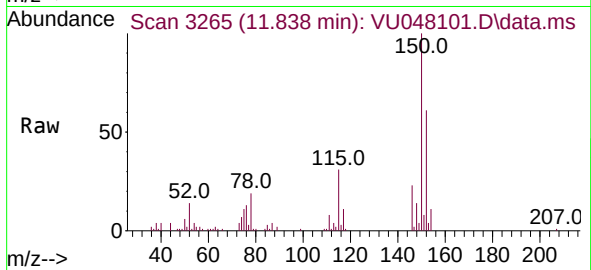
Acq: 15 Apr 2022 14:35

Instrument :

MSVOA_U

ClientSampleId :

VIBLK060



Tgt Ion:146 Resp: 6065

Ion Ratio Lower Upper

146 100

111 32.1 25.3 47.1

148 54.1 44.5 82.7

