

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046442.D
 Acq On : 17 Dec 2021 00:02
 Operator : SY/MD
 Sample : M5102-03 10X
 Misc : 6.21g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:06:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

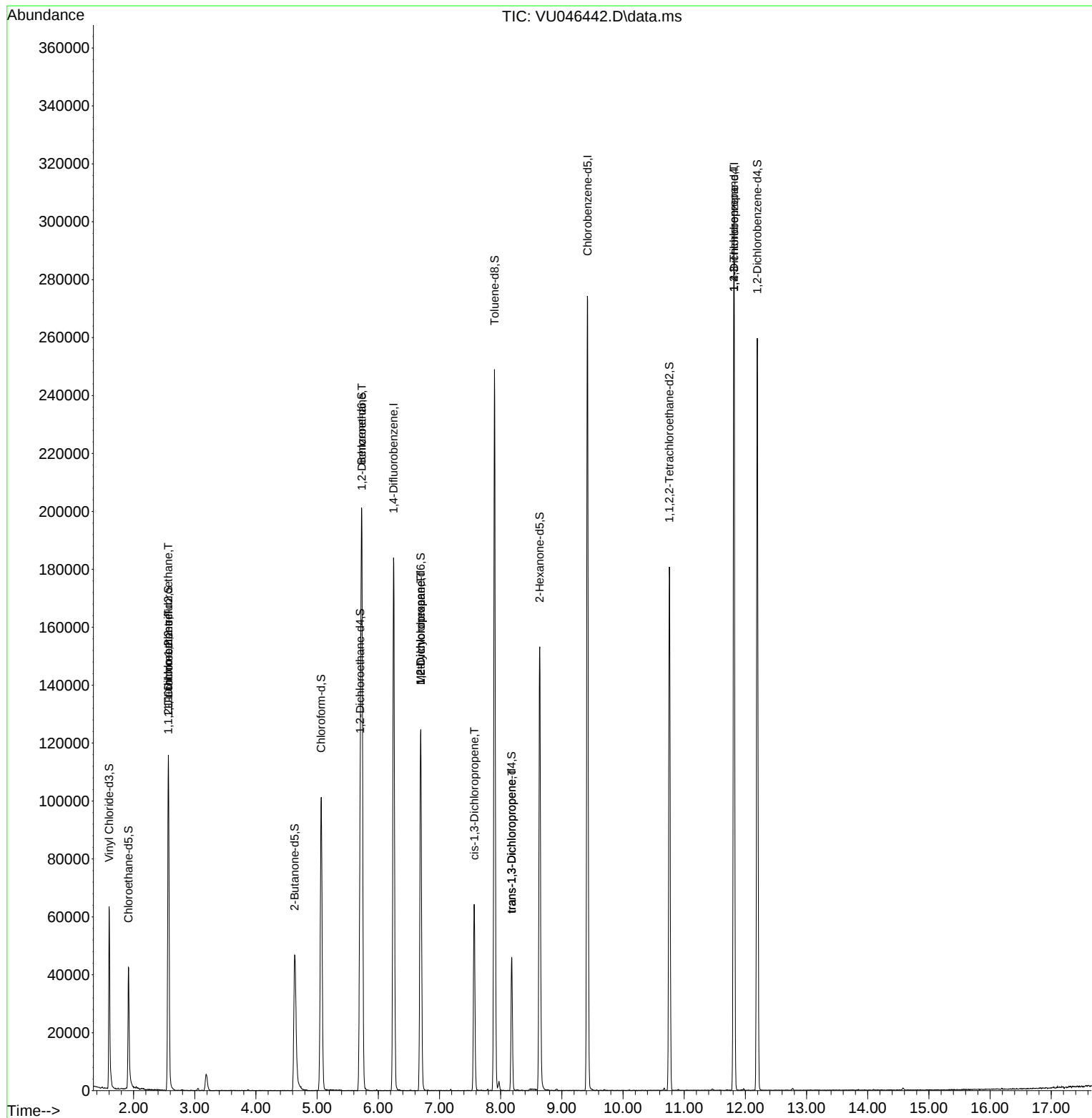
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	146352	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	150599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	77998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	51112	42.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.800%		
7) Chloroethane-d5	1.916	69	35432	38.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.560%		
11) 1,1-Dichloroethene-d2	2.568	63	68683	31.736	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.480%		
21) 2-Butanone-d5	4.633	46	73911	77.121	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.120%		
24) Chloroform-d	5.067	84	94211	46.796	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.600%		
26) 1,2-Dichloroethane-d4	5.703	65	64204	47.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.040%		
32) Benzene-d6	5.729	84	186260	43.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.300%		
36) 1,2-Dichloropropane-d6	6.694	67	58256	43.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.100%		
41) Toluene-d8	7.899	98	160137	40.746	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.500%		
43) trans-1,3-Dichloroprop...	8.179	79	26115	40.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.880%		
47) 2-Hexanone-d5	8.639	63	57823	91.165	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.160%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86298	42.538	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.080%		
66) 1,2-Dichlorobenzene-d4	12.195	152	66066	43.982	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.960%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	592	0.556	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	375	0.371	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	967	0.602	ug/L #	73
35) Methylcyclohexane	6.694	83	14877	7.990	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6907	5.785	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1630	0.897	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	1205	0.675	ug/L #	63
60) 1,2,3-Trichloropropane	11.812	75	9558	5.590	ug/L #	66

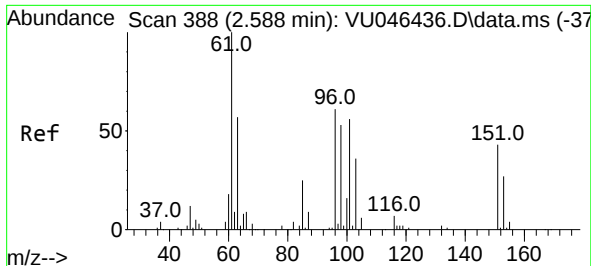
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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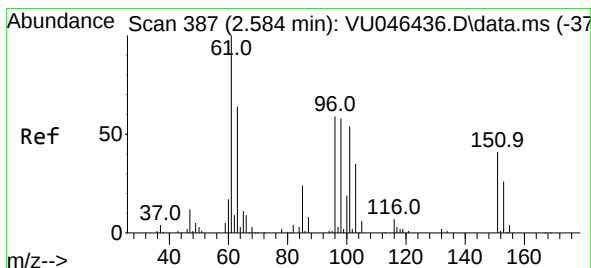
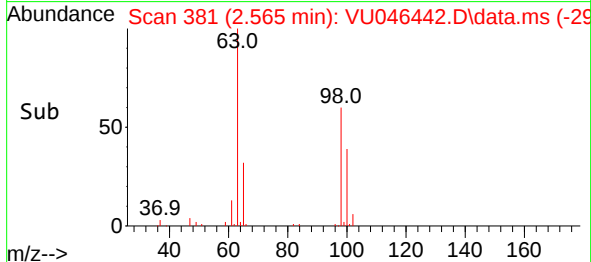
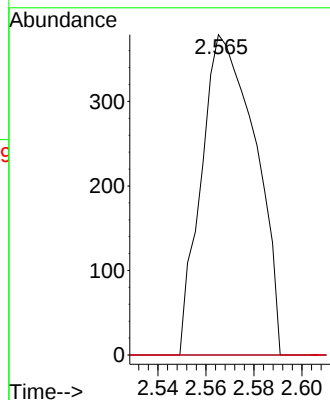
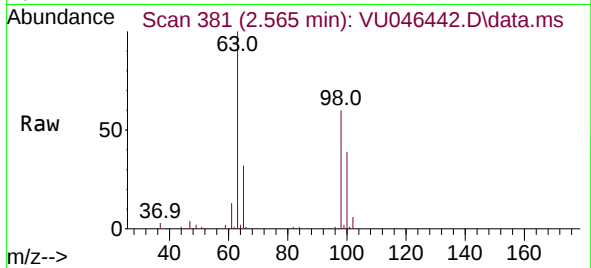




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.556 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.022 min
Lab File: VU046442.D
Acq: 17 Dec 2021 00:02

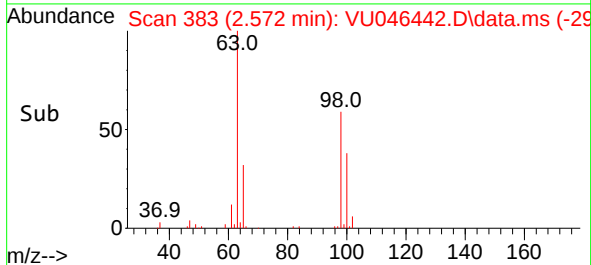
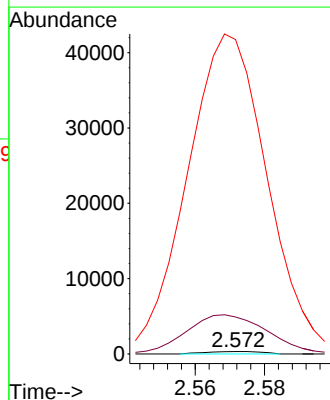
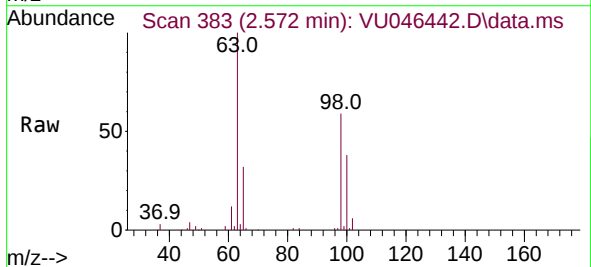
Instrument :
MSVOA_U
ClientSampleId :

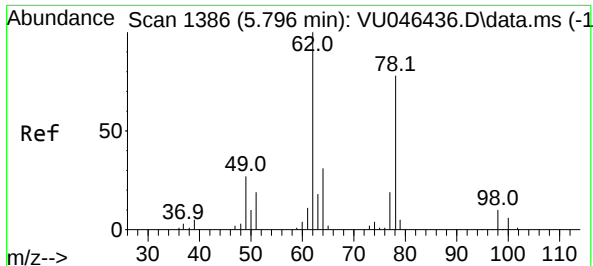
Tgt Ion:101 Resp: 592
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.371 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046442.D
Acq: 17 Dec 2021 00:02

Tgt Ion: 96 Resp: 375
Ion Ratio Lower Upper
96 100
61 1493.3 118.6 220.2#
63 12726.8 93.0 172.8#

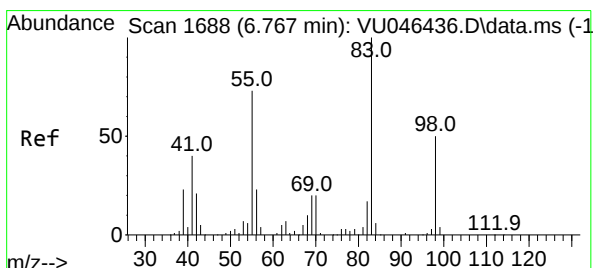
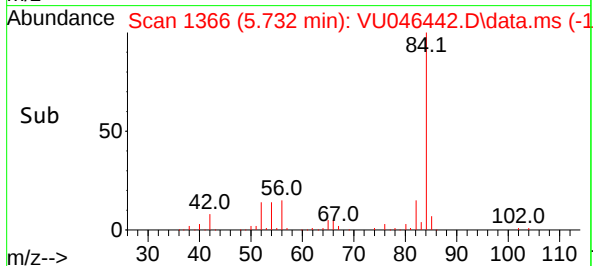
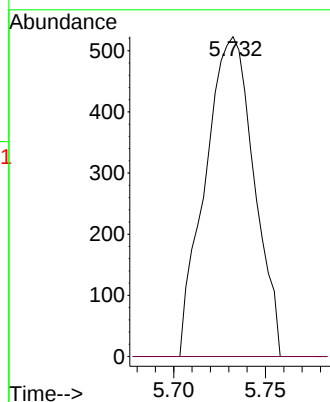
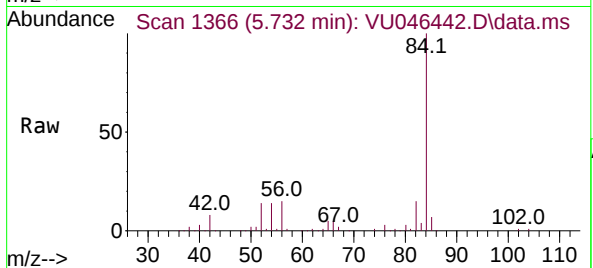




#27
 1,2-Dichloroethane
 Concen: 0.602 ug/L
 RT: 5.732 min Scan# 11
 Delta R.T. -0.064 min
 Lab File: VU046442.D
 Acq: 17 Dec 2021 00:02

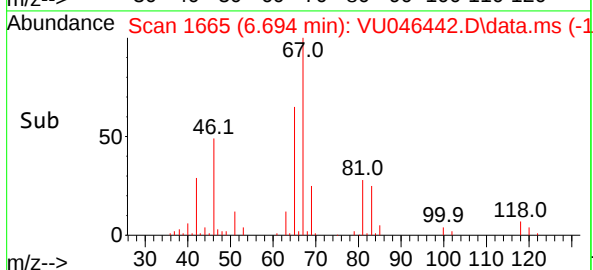
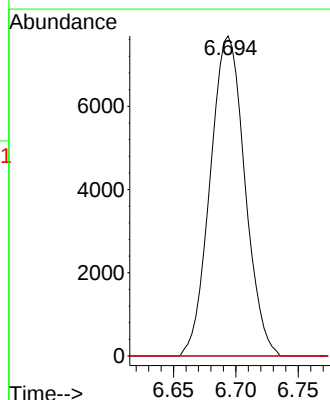
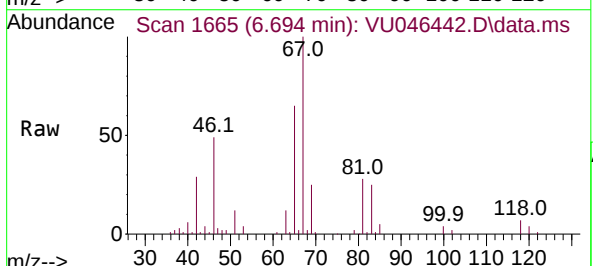
Instrument :
 MSVOA_U
 ClientSampleId :

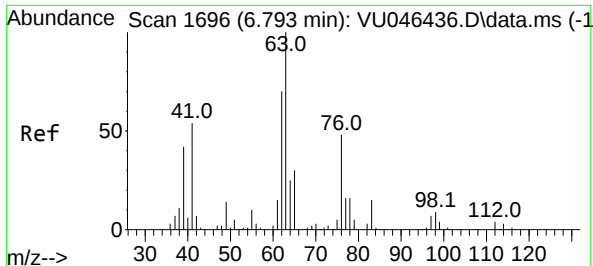
Tgt Ion: 62 Resp: 967
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#



#35
 Methylcyclohexane
 Concen: 7.990 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU046442.D
 Acq: 17 Dec 2021 00:02

Tgt Ion: 83 Resp: 14877
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.8 86.6#
 98 0.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.785 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU046442.D

Acq: 17 Dec 2021 00:02

Instrument :

MSVOA_U

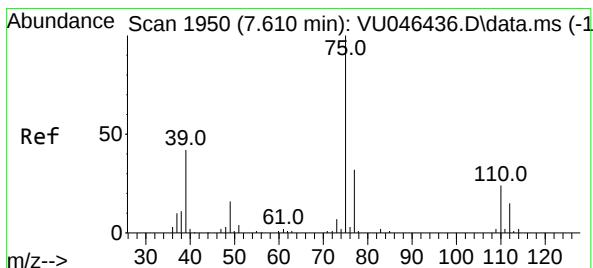
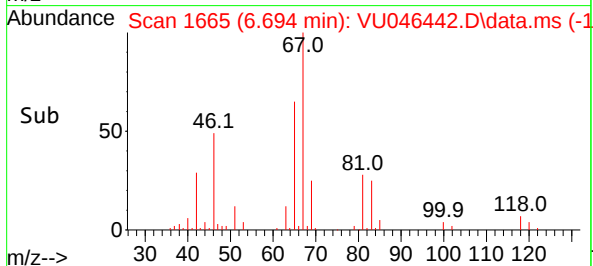
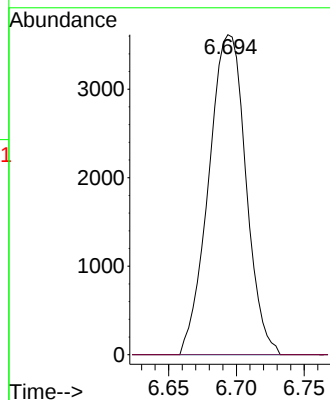
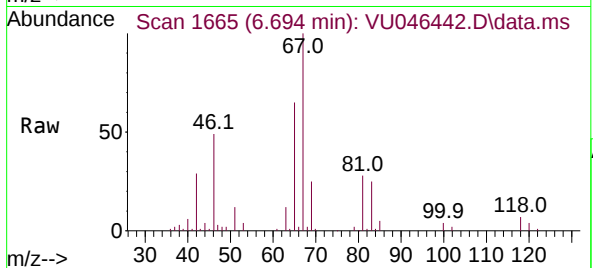
ClientSampleId :

Tgt Ion: 63 Resp: 6907

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.897 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046442.D

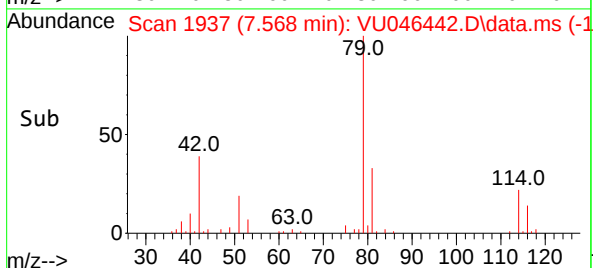
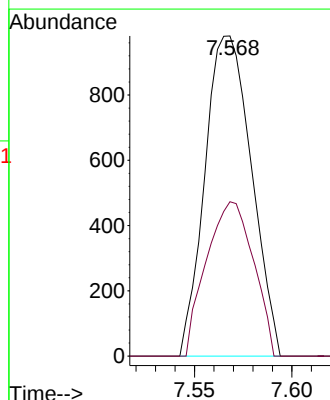
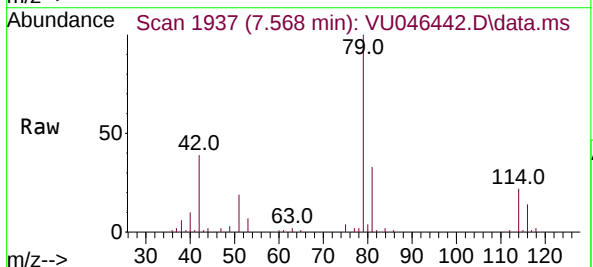
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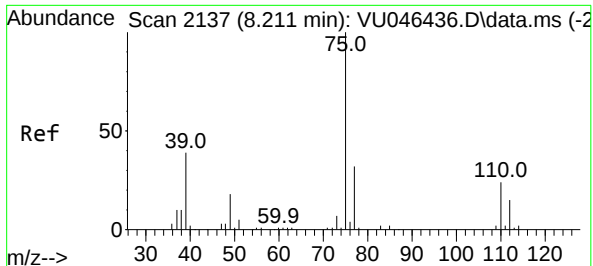
Tgt Ion: 75 Resp: 1630

Ion Ratio Lower Upper

75 100

77 48.2 21.8 40.6#

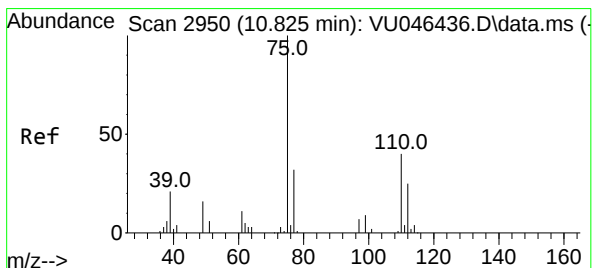
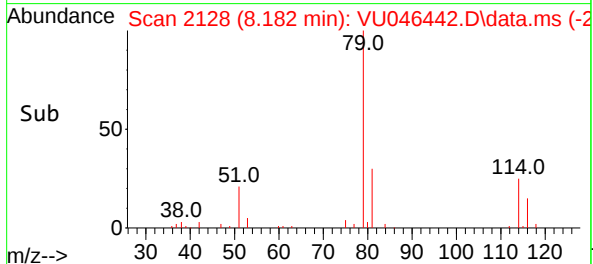
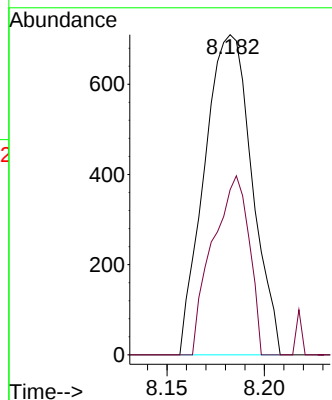
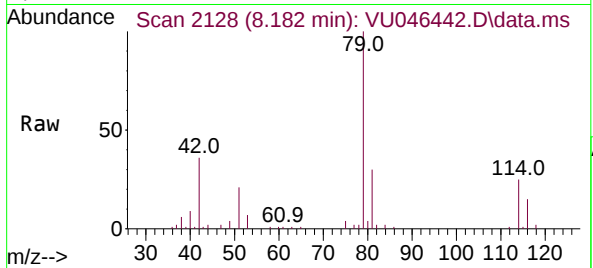




#44
trans-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU046442.D
Acq: 17 Dec 2021 00:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1205
Ion Ratio Lower Upper
75 100
77 51.5 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.590 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046442.D
Acq: 17 Dec 2021 00:02

Tgt Ion: 75 Resp: 9558
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6
110 2.0 32.4 48.6#

