

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046481.D
 Acq On : 17 Dec 2021 18:42
 Operator : SY/MD
 Sample : M5153-08 10X
 Misc : 6.34g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 23:31:23 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)

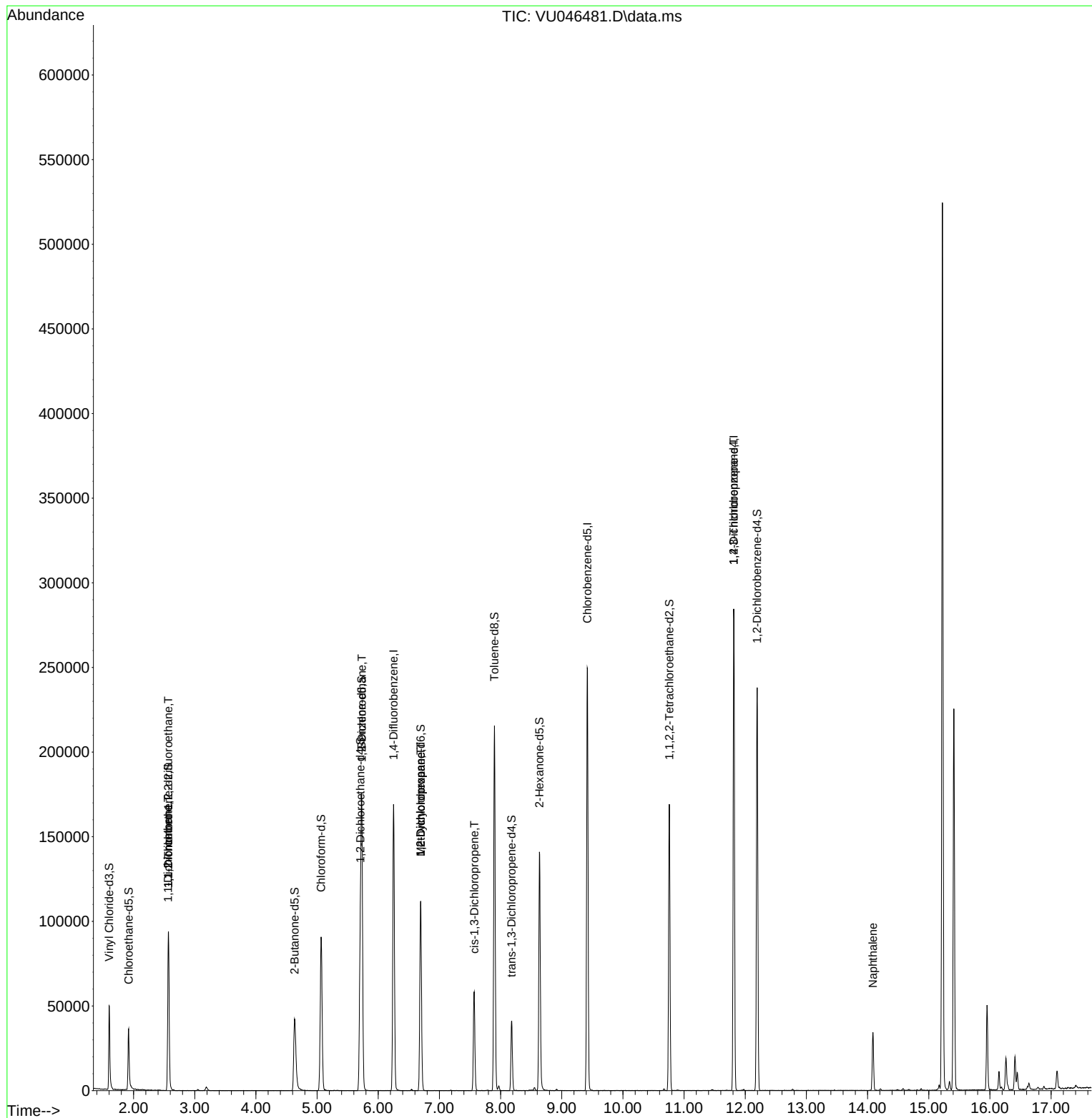
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135841	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	138227	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73369	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41632	37.205	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.420%		
7) Chloroethane-d5	1.919	69	29827	34.717	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.440%#		
11) 1,1-Dichloroethene-d2	2.568	63	56472	28.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.220%#		
21) 2-Butanone-d5	4.632	46	66843	75.143	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.140%		
24) Chloroform-d	5.067	84	84266	45.095	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.180%		
26) 1,2-Dichloroethane-d4	5.706	65	57702	46.012	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.020%		
32) Benzene-d6	5.729	84	160987	40.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.260%		
36) 1,2-Dichloropropane-d6	6.693	67	51730	42.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.260%		
41) Toluene-d8	7.899	98	138879	38.500	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.000%#		
43) trans-1,3-Dichloroprop...	8.179	79	23799	40.152	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.300%		
47) 2-Hexanone-d5	8.636	63	52168	89.610	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.610%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	79724	42.815	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.620%		
66) 1,2-Dichlorobenzene-d4	12.195	152	61651	43.633	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.260%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	402	0.407	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	319	0.340	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	839	0.563	ug/L #	73
35) Methylcyclohexane	6.693	83	12582	7.363	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5817	5.308	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1317	0.790	ug/L #	46
60) 1,2,3-Trichloropropane	11.812	75	9097	5.656	ug/L #	65
71) Naphthalene	14.089	128	28069	5.502	ug/L	99

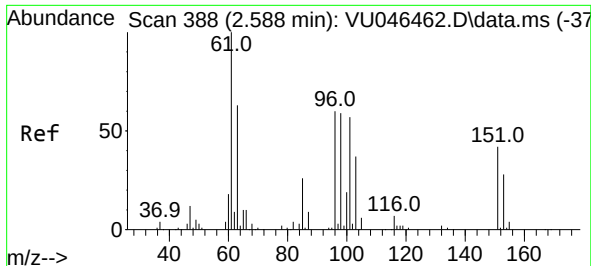
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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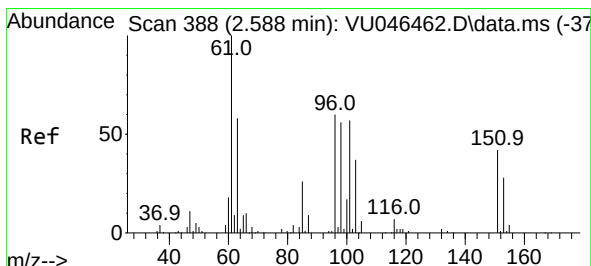
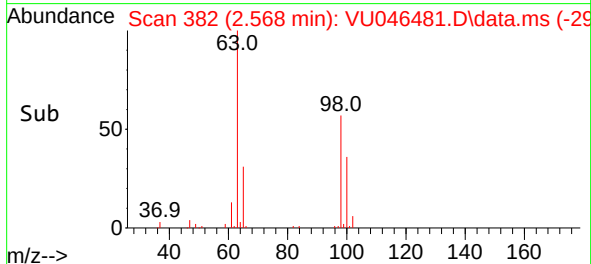
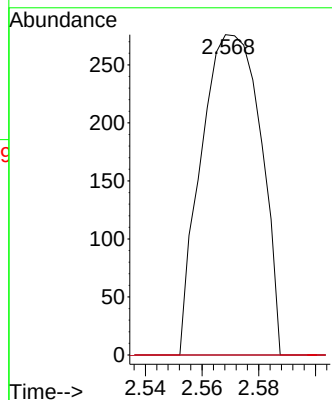
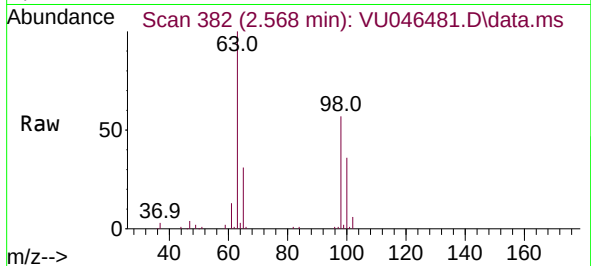




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.407 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU046481.D
Acq: 17 Dec 2021 18:42

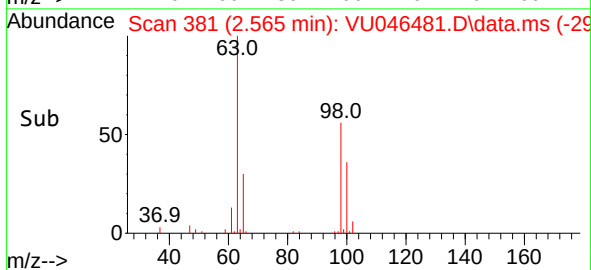
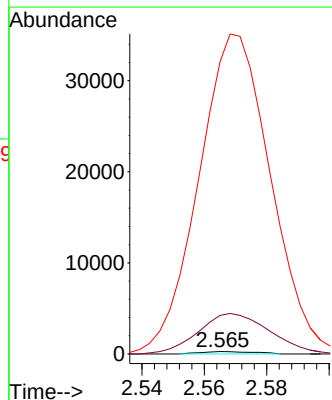
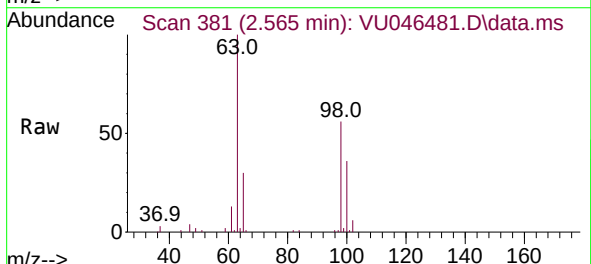
Instrument :
MSVOA_U
ClientSampleId :

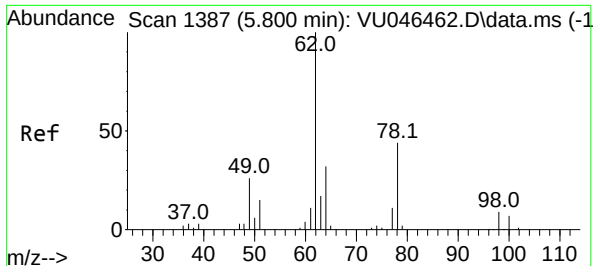
Tgt Ion:101 Resp: 402
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.340 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.019 min
Lab File: VU046481.D
Acq: 17 Dec 2021 18:42

Tgt Ion: 96 Resp: 319
Ion Ratio Lower Upper
96 100
61 1622.6 118.6 220.2#
63 12291.2 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.563 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU046481.D

Acq: 17 Dec 2021 18:42

Instrument :

MSVOA_U

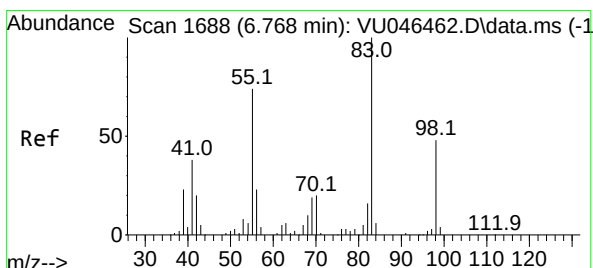
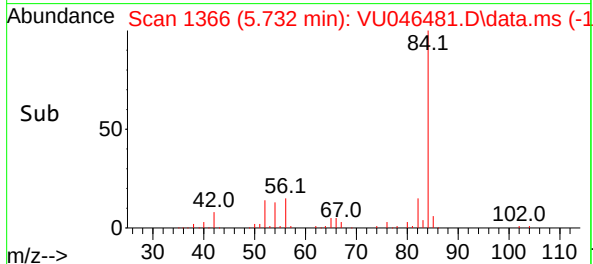
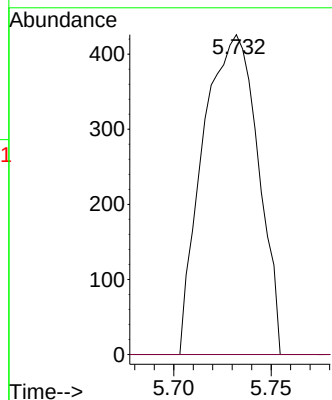
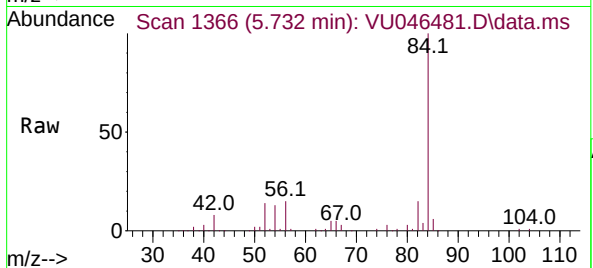
ClientSampleId :

Tgt Ion: 62 Resp: 839

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.363 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046481.D

Acq: 17 Dec 2021 18:42

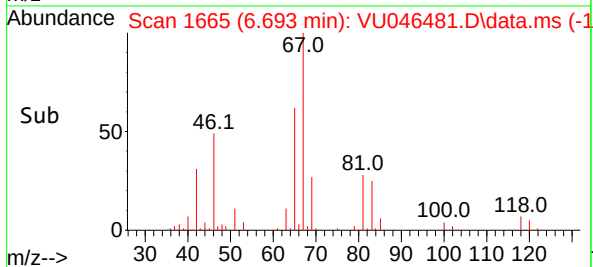
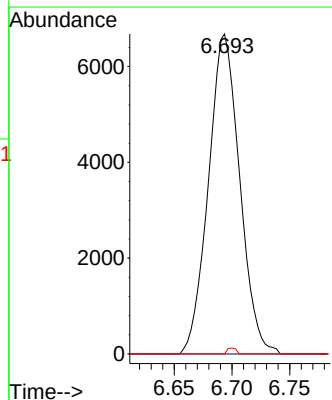
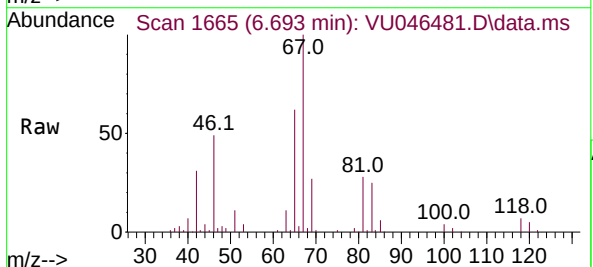
Tgt Ion: 83 Resp: 12582

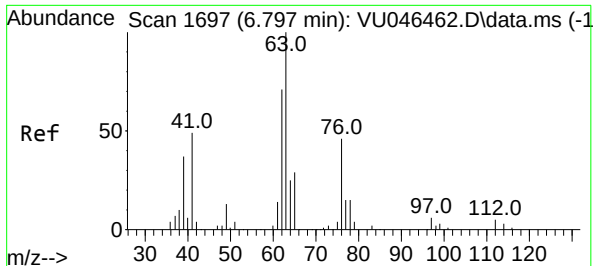
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.308 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046481.D

Acq: 17 Dec 2021 18:42

Instrument :

MSVOA_U

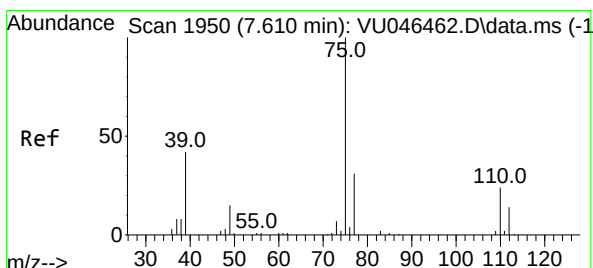
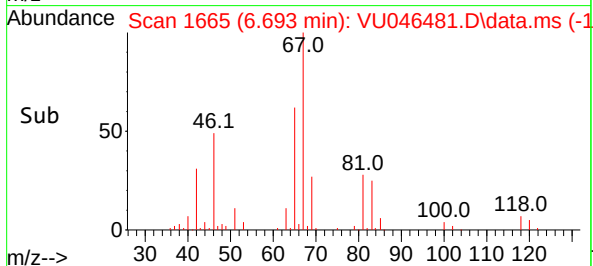
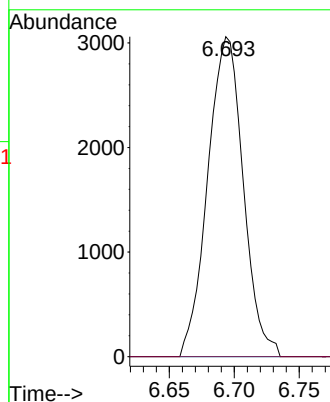
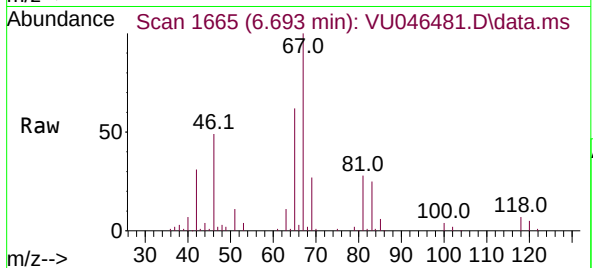
ClientSampleId :

Tgt Ion: 63 Resp: 5817

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.790 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046481.D

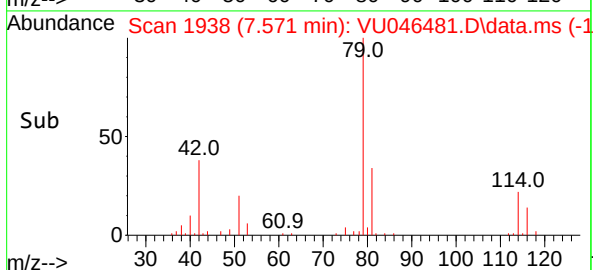
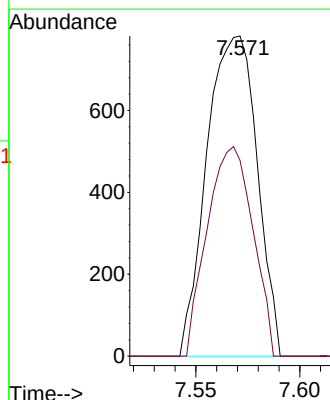
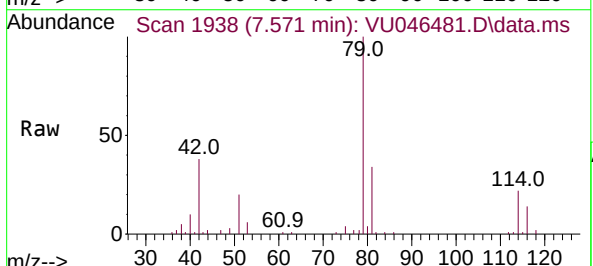
Acq: 17 Dec 2021 18:42

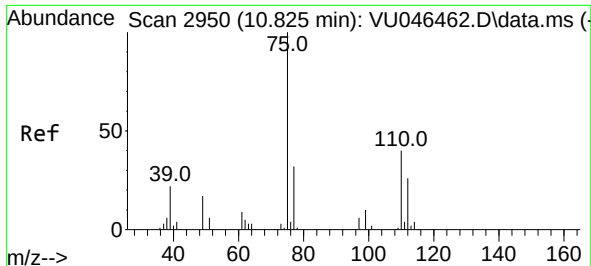
Tgt Ion: 75 Resp: 1317

Ion Ratio Lower Upper

75 100

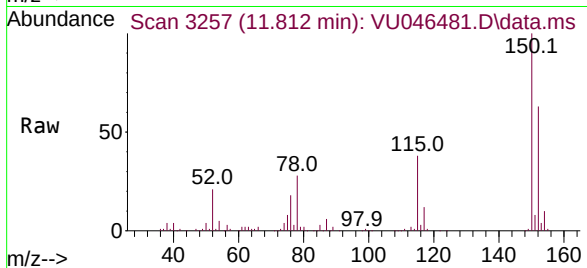
77 61.1 21.8 40.6#



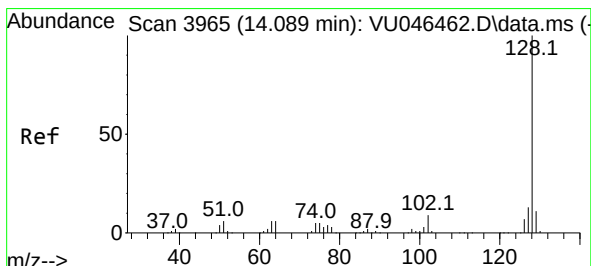
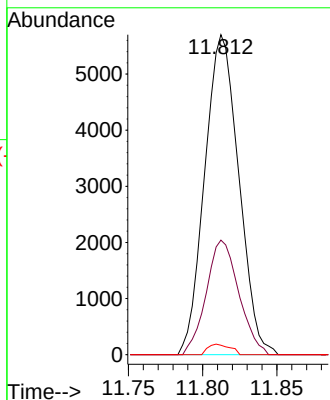
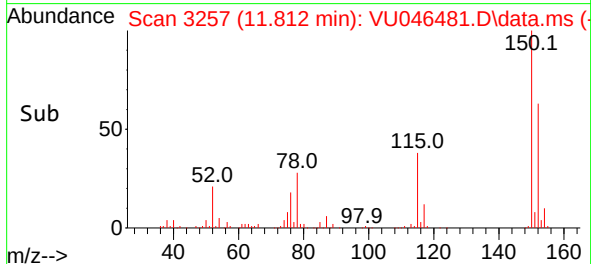


#60
1,2,3-Trichloropropane
Concen: 5.656 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU046481.D
Acq: 17 Dec 2021 18:42

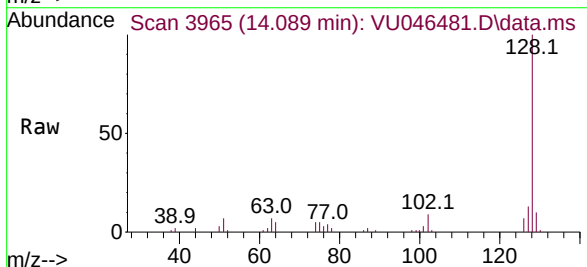
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 9097
Ion Ratio Lower Upper
75 100
77 34.2 26.4 39.6
110 2.1 32.4 48.6#



#71
Naphthalene
Concen: 5.502 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU046481.D
Acq: 17 Dec 2021 18:42



Tgt Ion: 128 Resp: 28069
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 9.7 8.6 13.0

