

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046451.D
 Acq On : 17 Dec 2021 03:26
 Operator : SY/MD
 Sample : M5121-05 20X
 Misc : 6.79g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:07:55 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)

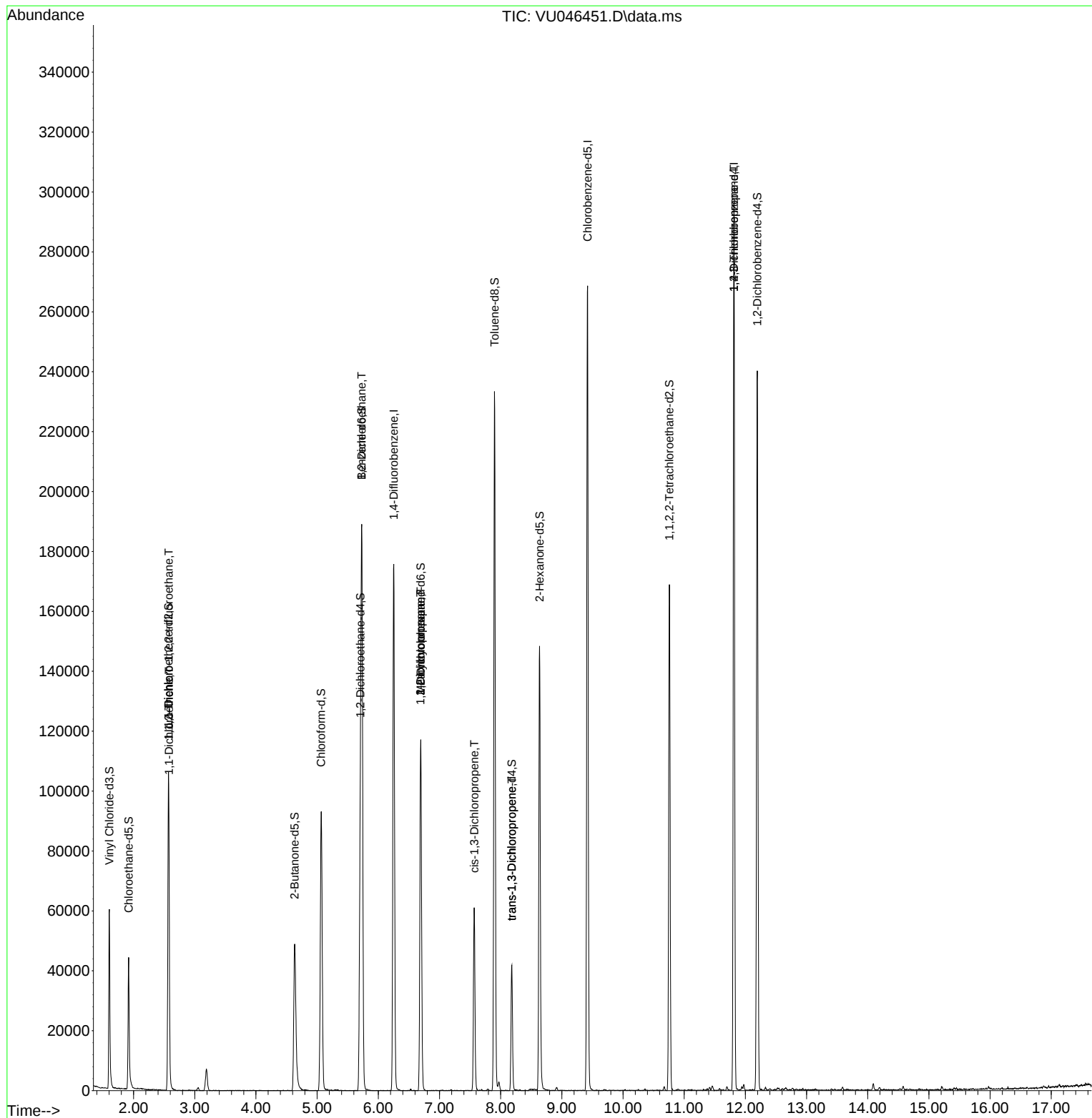
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	142042	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	146472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74984	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	47770	40.827	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.660%		
7) Chloroethane-d5	1.919	69	34008	37.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.720%		
11) 1,1-Dichloroethene-d2	2.572	63	63499	30.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.460%		
21) 2-Butanone-d5	4.633	46	70802	76.119	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.120%		
24) Chloroform-d	5.067	84	88298	45.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.380%		
26) 1,2-Dichloroethane-d4	5.706	65	59830	45.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.260%		
32) Benzene-d6	5.729	84	175099	41.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.420%		
36) 1,2-Dichloropropane-d6	6.694	67	55259	42.472	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.940%		
41) Toluene-d8	7.899	98	151969	39.758	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.520%#		
43) trans-1,3-Dichloroprop...	8.182	79	24866	39.591	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.180%		
47) 2-Hexanone-d5	8.636	63	53564	86.829	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.830%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	80624	40.861	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.720%		
66) 1,2-Dichlorobenzene-d4	12.195	152	62103	43.006	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	555	0.537	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	410	0.417	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	938	0.602	ug/L #	73
35) Methylcyclohexane	6.694	83	13459	7.432	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6114	5.265	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1530	0.866	ug/L #	74
44) trans-1,3-Dichloropropene	8.182	75	1147	0.661	ug/L	93
60) 1,2,3-Trichloropropane	11.812	75	9179	5.584	ug/L #	66

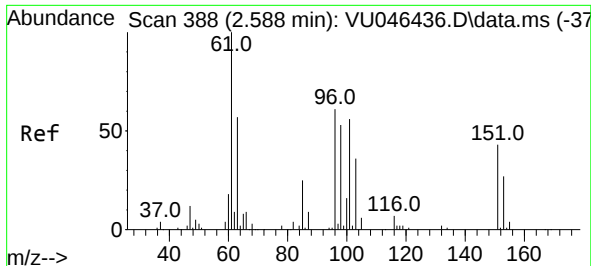
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 17 03:50:47 2021
Response via : Initial Calibration

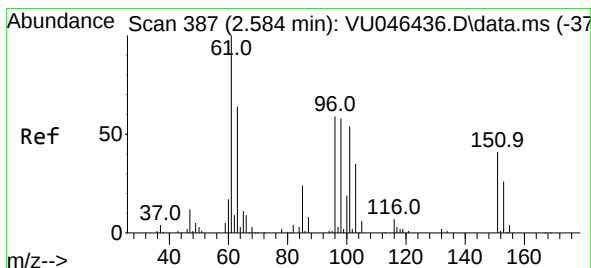
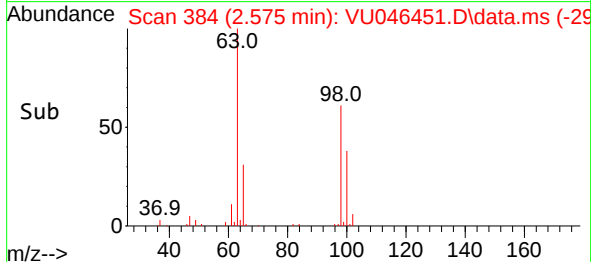
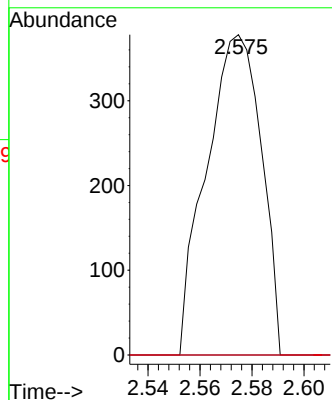
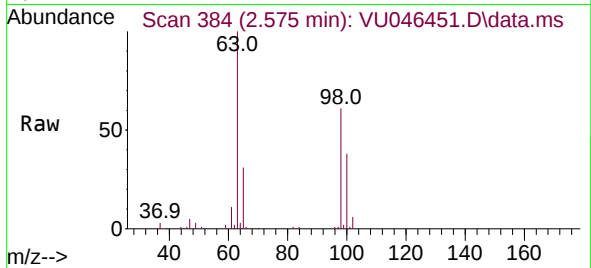




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.537 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046451.D
Acq: 17 Dec 2021 03:26

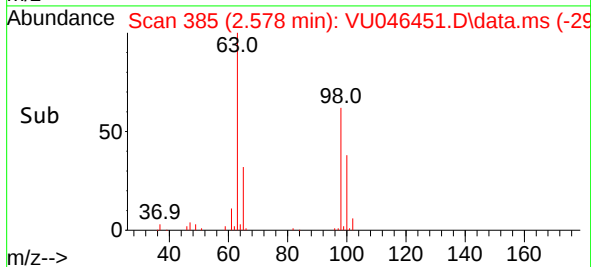
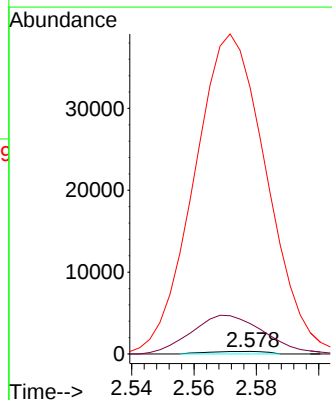
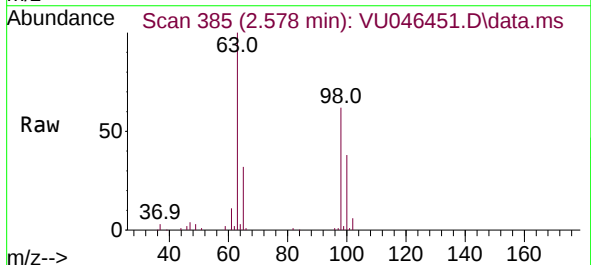
Instrument :
MSVOA_U
ClientSampleId :

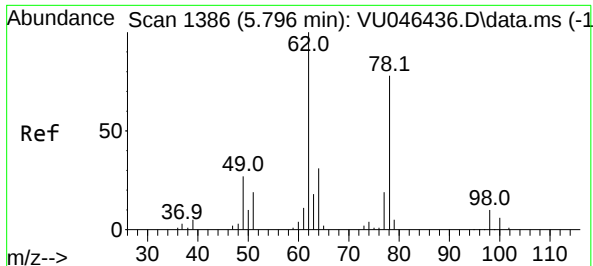
Tgt Ion:101 Resp: 555
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.417 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU046451.D
Acq: 17 Dec 2021 03:26

Tgt Ion: 96 Resp: 410
Ion Ratio Lower Upper
96 100
61 1192.3 118.6 220.2#
63 10464.3 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.602 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.067 min

Lab File: VU046451.D

Acq: 17 Dec 2021 03:26

Instrument :

MSVOA_U

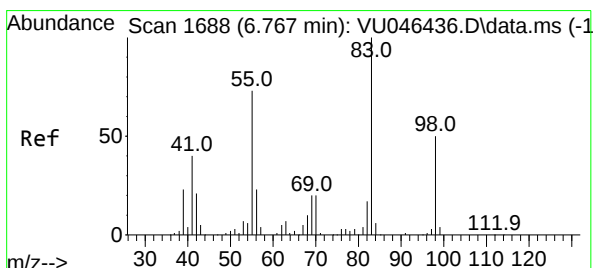
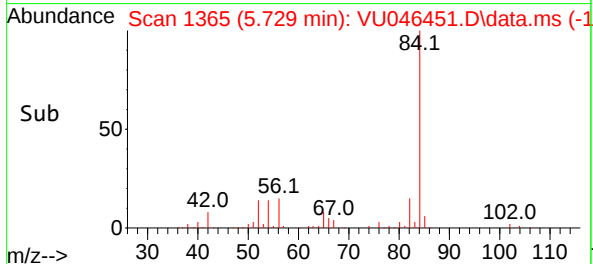
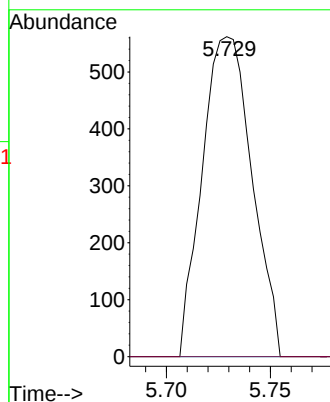
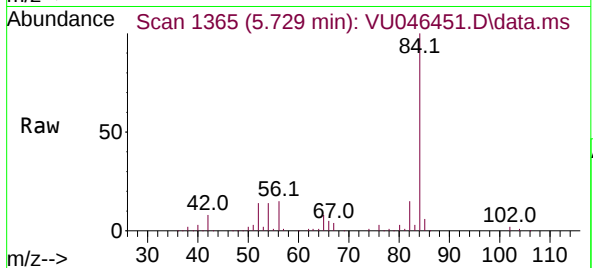
ClientSampleId :

Tgt Ion: 62 Resp: 938

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.432 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046451.D

Acq: 17 Dec 2021 03:26

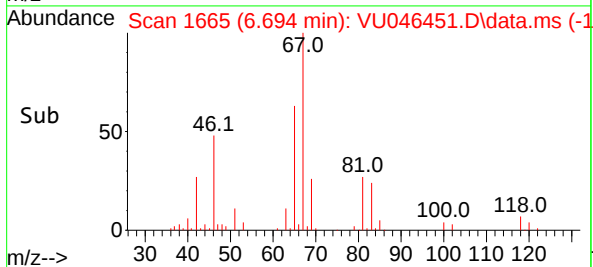
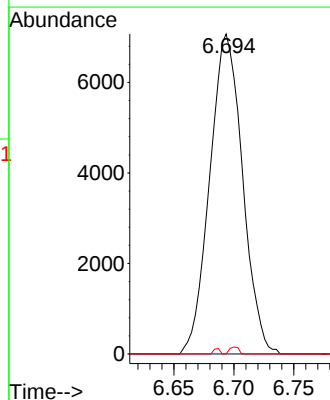
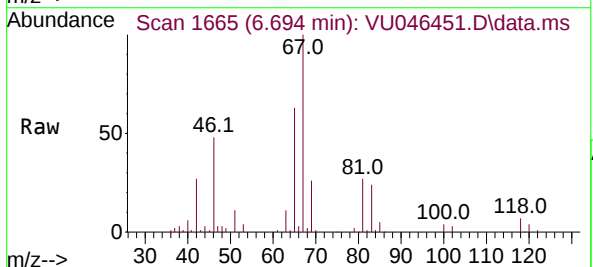
Tgt Ion: 83 Resp: 13459

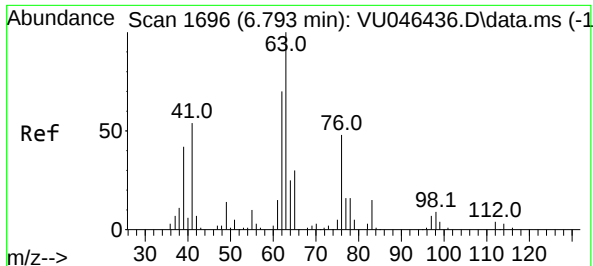
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.265 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046451.D

Acq: 17 Dec 2021 03:26

Instrument :

MSVOA_U

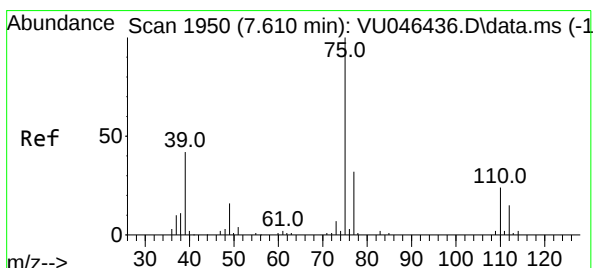
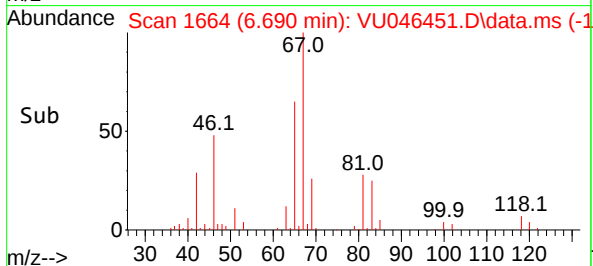
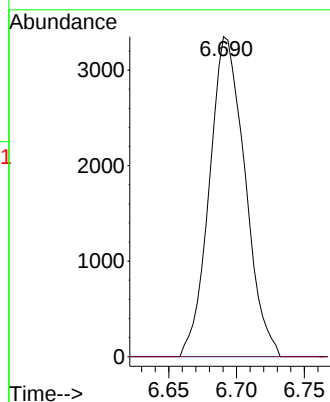
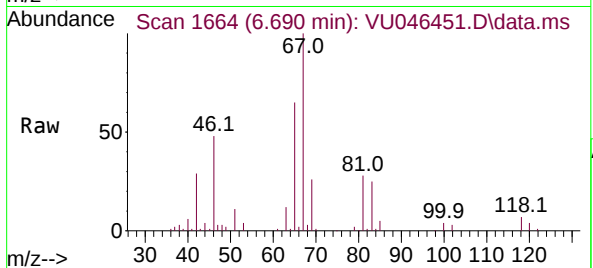
ClientSampleId :

Tgt Ion: 63 Resp: 6114

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.866 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.038 min

Lab File: VU046451.D

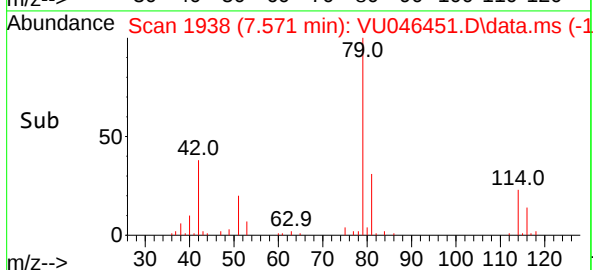
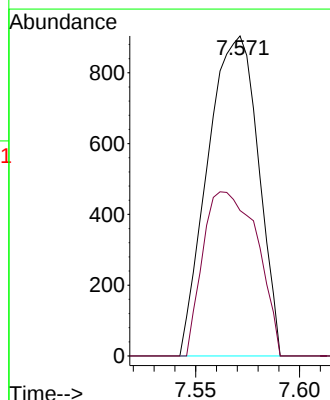
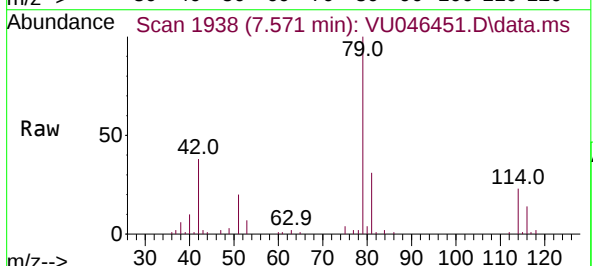
Acq: 17 Dec 2021 03:26

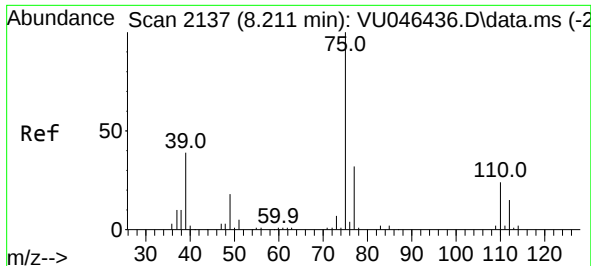
Tgt Ion: 75 Resp: 1530

Ion Ratio Lower Upper

75 100

77 45.5 21.8 40.6#

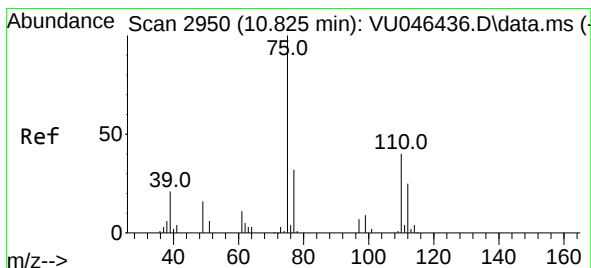
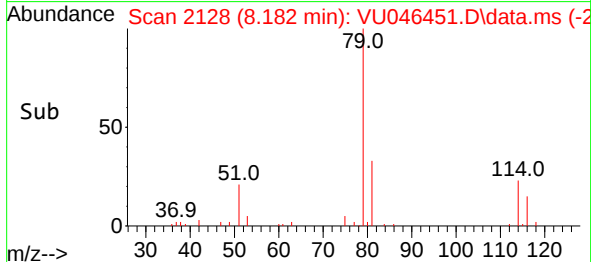
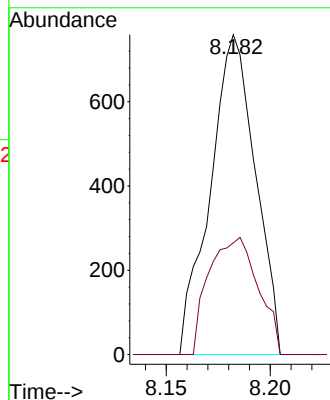
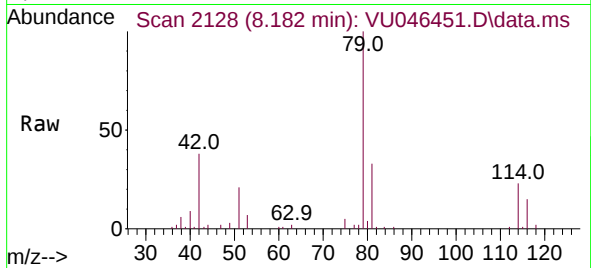




#44
trans-1,3-Dichloropropene
Concen: 0.661 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU046451.D
Acq: 17 Dec 2021 03:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1147
Ion Ratio Lower Upper
75 100
77 34.9 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.584 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046451.D
Acq: 17 Dec 2021 03:26

Tgt Ion: 75 Resp: 9179
Ion Ratio Lower Upper
75 100
77 34.1 26.4 39.6
110 3.1 32.4 48.6#

