

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046477.D
 Acq On : 17 Dec 2021 17:11
 Operator : SY/MD
 Sample : M5037-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 23:30:25 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)

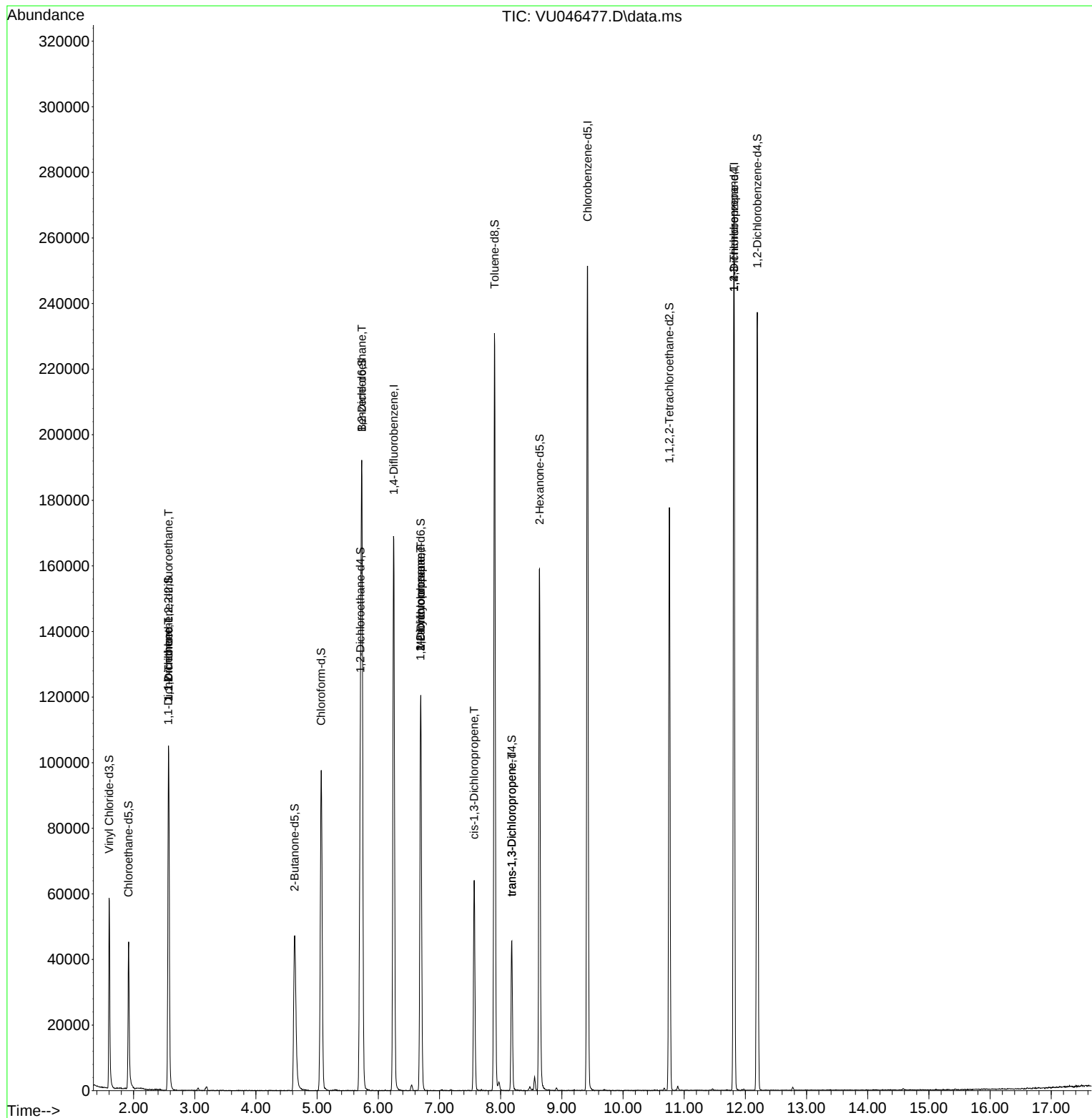
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137514	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	140350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	68875	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45262	39.957	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.920%		
7) Chloroethane-d5	1.919	69	35129	40.391	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.780%		
11) 1,1-Dichloroethene-d2	2.572	63	63299	31.128	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.260%		
21) 2-Butanone-d5	4.633	46	74805	83.071	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.070%		
24) Chloroform-d	5.067	84	91551	48.397	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.800%		
26) 1,2-Dichloroethane-d4	5.706	65	61926	48.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.560%		
32) Benzene-d6	5.732	84	179064	44.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.020%		
36) 1,2-Dichloropropane-d6	6.694	67	56247	45.117	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.240%		
41) Toluene-d8	7.899	98	152587	41.660	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.320%		
43) trans-1,3-Dichloroprop...	8.182	79	26692	44.352	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.700%		
47) 2-Hexanone-d5	8.636	63	56210	95.093	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.090%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85263	45.097	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	60472	45.591	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	460	0.460	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	416	0.438	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1049	0.695	ug/L #	73
35) Methylcyclohexane	6.694	83	14057	8.101	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6479	5.822	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1675	0.989	ug/L #	72
44) trans-1,3-Dichloropropene	8.182	75	1117	0.672	ug/L	87
60) 1,2,3-Trichloropropane	11.812	75	8607	5.701	ug/L #	64

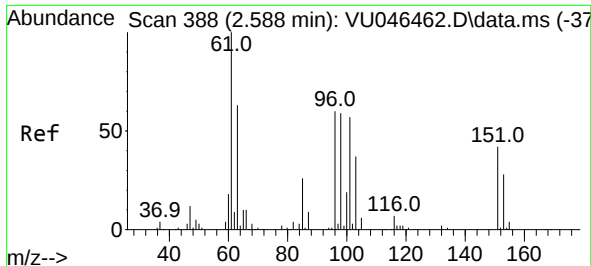
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.460 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046477.D

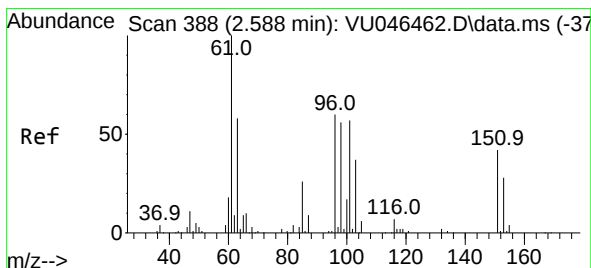
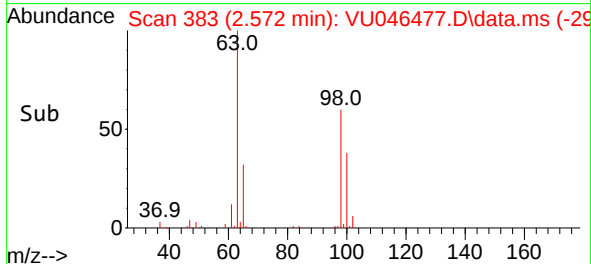
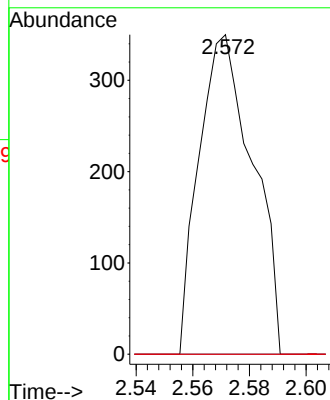
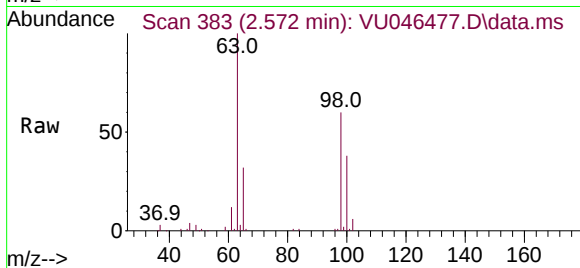
Acq: 17 Dec 2021 17:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101 Resp: 460
 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: 0.438 ug/L

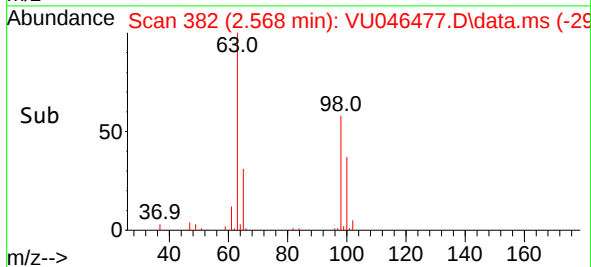
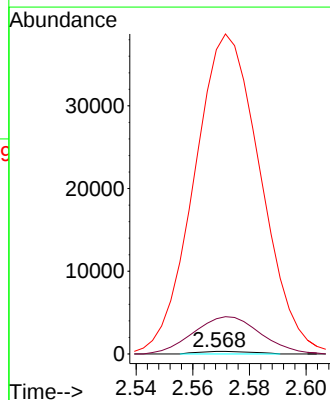
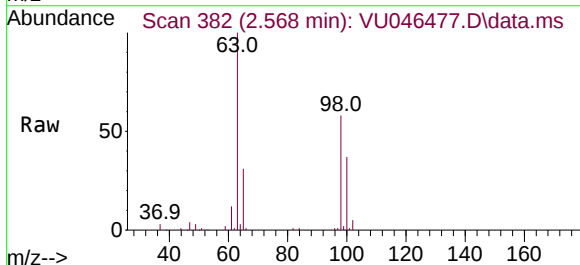
RT: 2.568 min Scan# 382

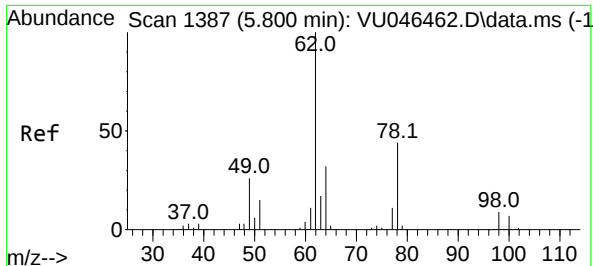
Delta R.T. -0.016 min

Lab File: VU046477.D

Acq: 17 Dec 2021 17:11

Tgt Ion: 96 Resp: 416
 Ion Ratio Lower Upper
 96 100
 61 1389.2 118.6 220.2#
 63 12026.1 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.695 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU046477.D

Acq: 17 Dec 2021 17:11

Instrument :

MSVOA_U

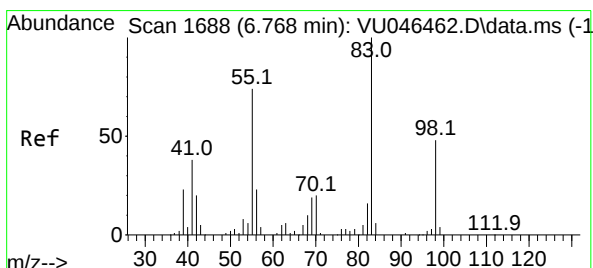
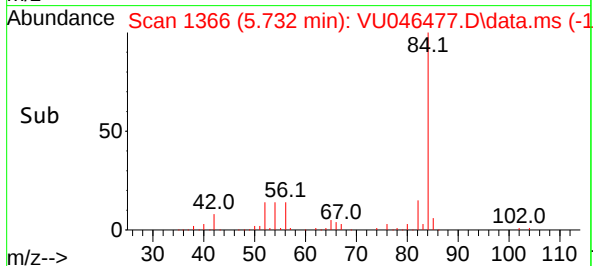
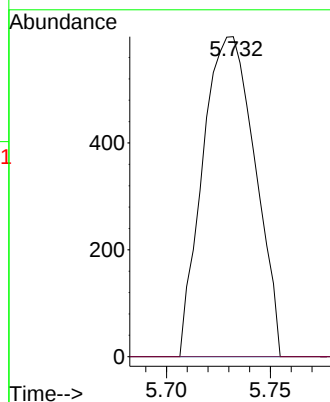
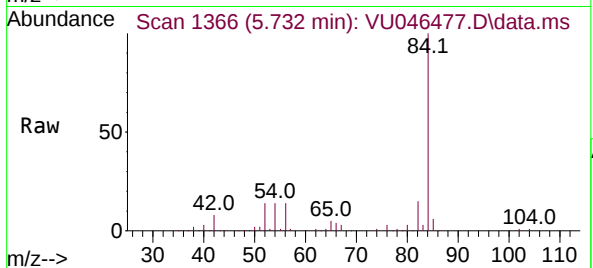
ClientSampleId :

Tgt Ion: 62 Resp: 1049

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.101 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046477.D

Acq: 17 Dec 2021 17:11

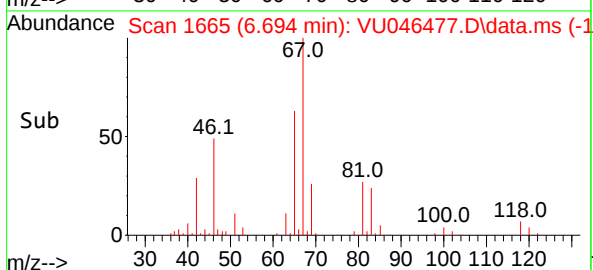
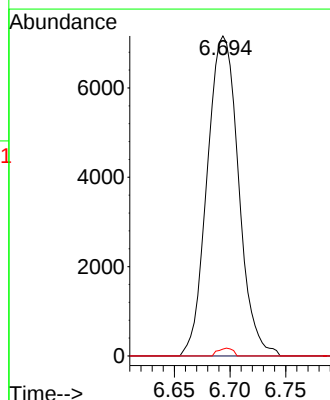
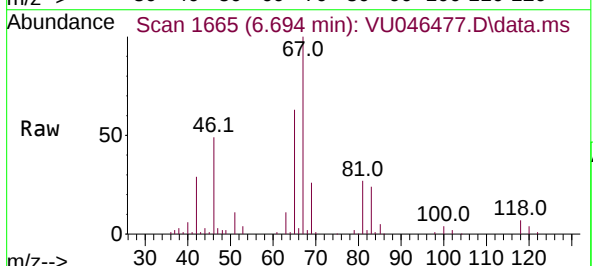
Tgt Ion: 83 Resp: 14057

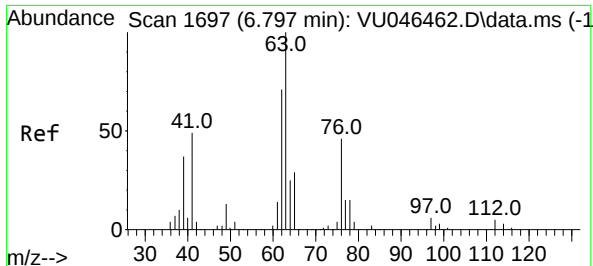
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 1.1 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.822 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046477.D

Acq: 17 Dec 2021 17:11

Instrument :

MSVOA_U

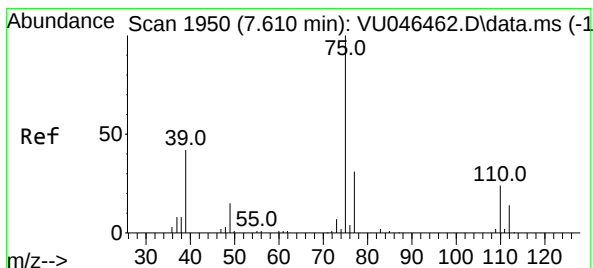
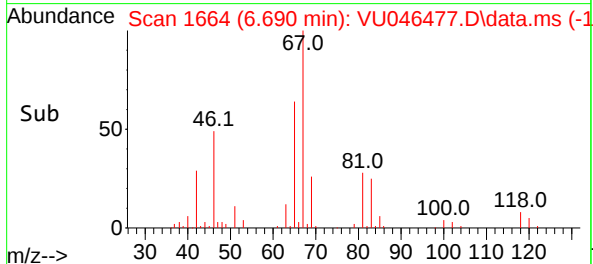
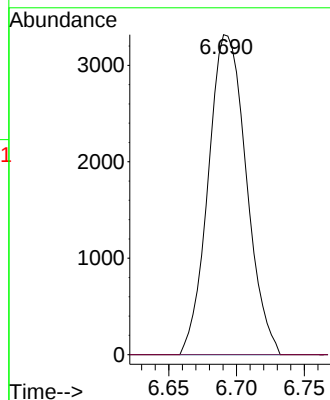
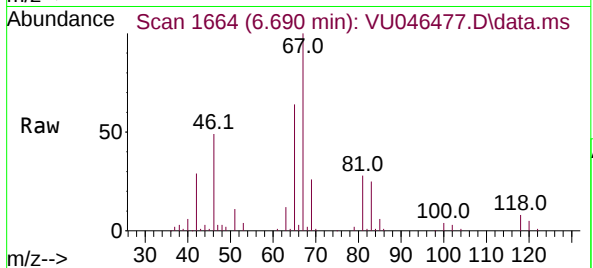
ClientSampleId :

Tgt Ion: 63 Resp: 6479

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.989 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046477.D

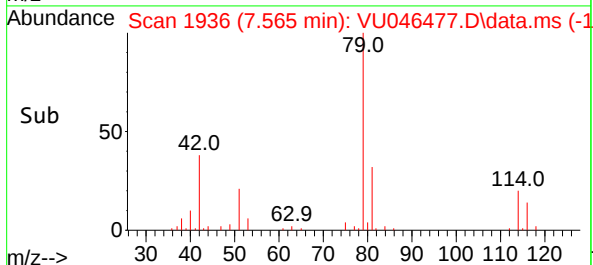
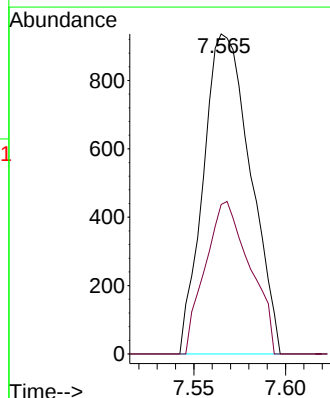
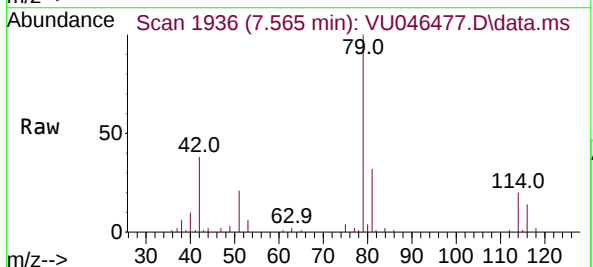
Acq: 17 Dec 2021 17:11

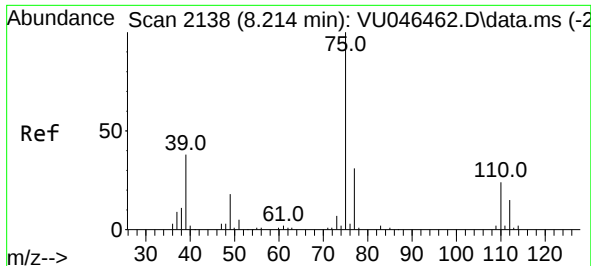
Tgt Ion: 75 Resp: 1675

Ion Ratio Lower Upper

75 100

77 46.7 21.8 40.6#

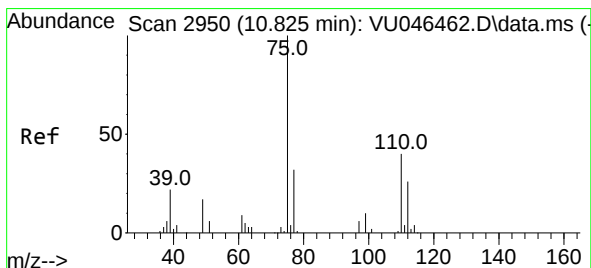
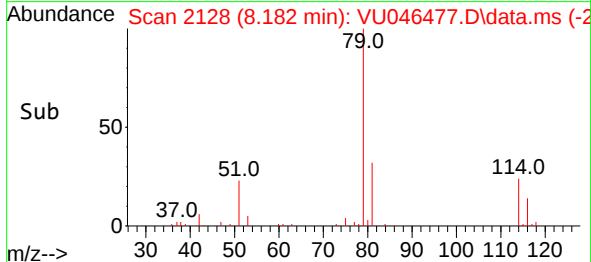
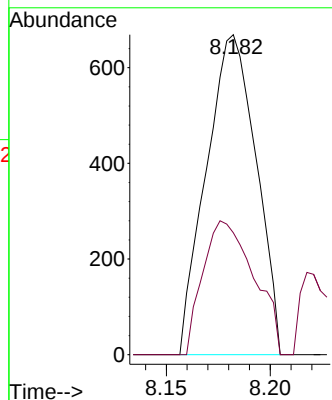
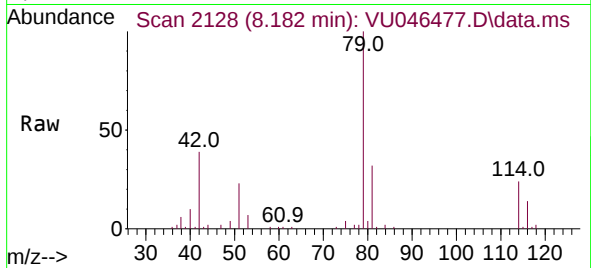




#44
trans-1,3-Dichloropropene
Concen: 0.672 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.029 min
Lab File: VU046477.D
Acq: 17 Dec 2021 17:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1117
Ion Ratio Lower Upper
75 100
77 38.1 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.701 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046477.D
Acq: 17 Dec 2021 17:11

Tgt Ion: 75 Resp: 8607
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6
110 1.8 32.4 48.6#

