

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046452.D
 Acq On : 17 Dec 2021 03:48
 Operator : SY/MD
 Sample : M5121-07 20X
 Misc : 5.76g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:08:07 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)

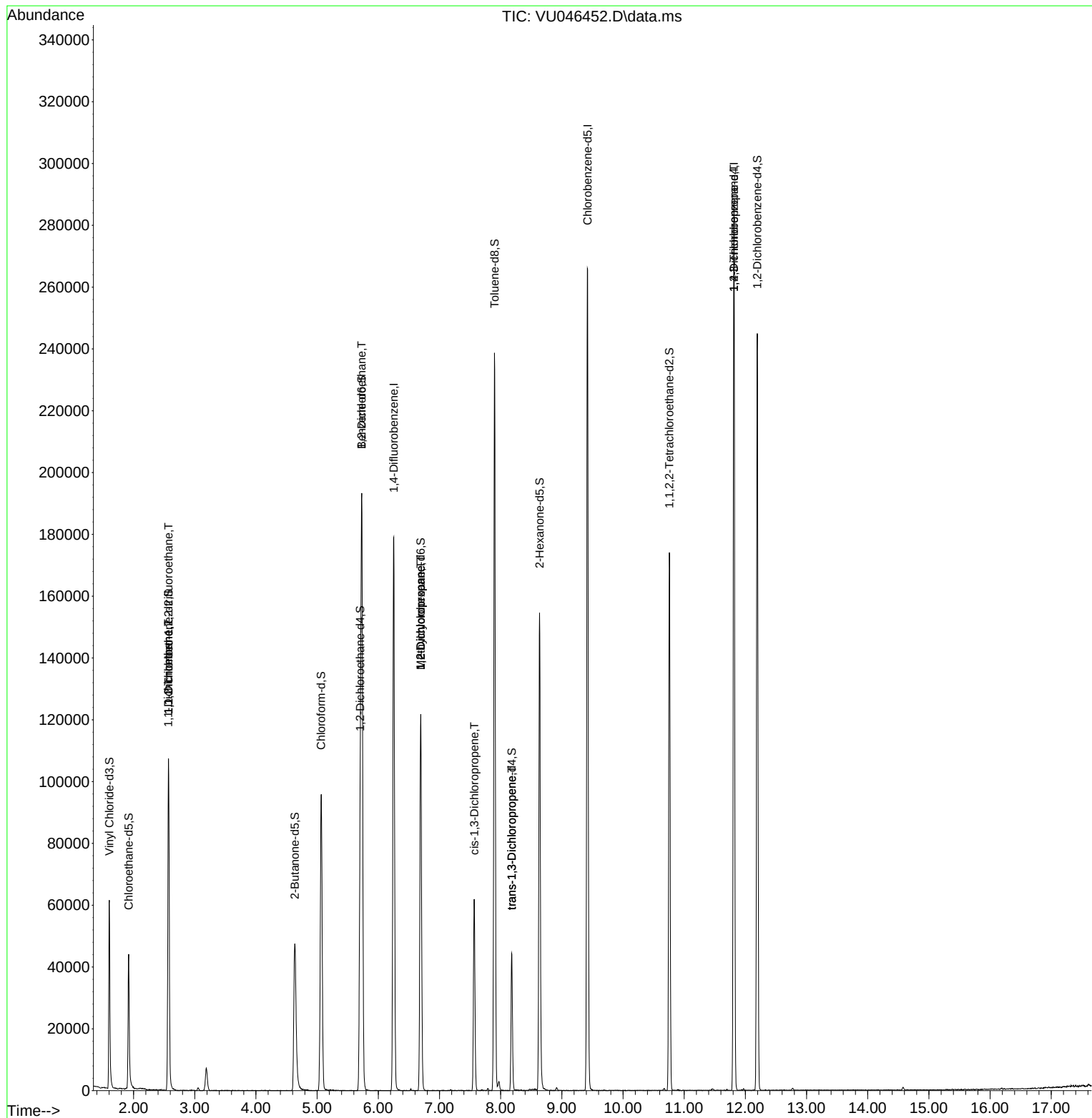
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	142619	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	147218	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74520	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49246	41.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.840%		
7) Chloroethane-d5	1.919	69	35542	39.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.800%		
11) 1,1-Dichloroethene-d2	2.572	63	64528	30.596	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.200%		
21) 2-Butanone-d5	4.636	46	73612	78.820	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.820%		
24) Chloroform-d	5.067	84	90056	45.903	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.800%		
26) 1,2-Dichloroethane-d4	5.703	65	61712	46.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.740%		
32) Benzene-d6	5.729	84	179165	42.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.920%		
36) 1,2-Dichloropropane-d6	6.694	67	56558	43.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.500%		
41) Toluene-d8	7.899	98	155620	40.506	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.020%		
43) trans-1,3-Dichloroprop...	8.182	79	25441	40.301	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.600%		
47) 2-Hexanone-d5	8.636	63	55789	89.978	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.980%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	83652	42.181	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	62309	43.417	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.840%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	467	0.450	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	414	0.420	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1017	0.650	ug/L #	73
35) Methylcyclohexane	6.694	83	13713	7.534	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6029	5.165	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1517	0.854	ug/L #	49
44) trans-1,3-Dichloropropene	8.182	75	1103	0.632	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	8988	5.502	ug/L #	65

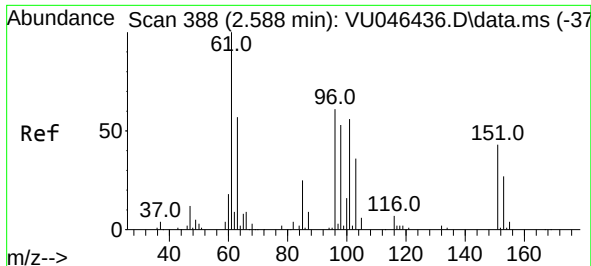
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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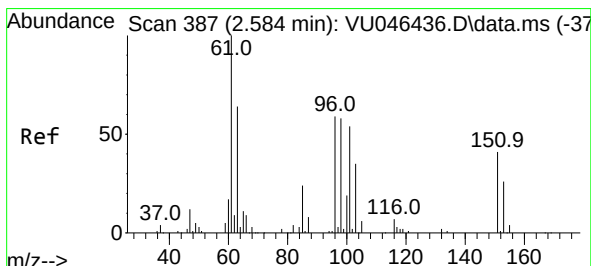
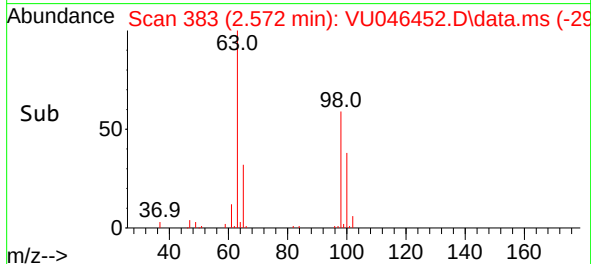
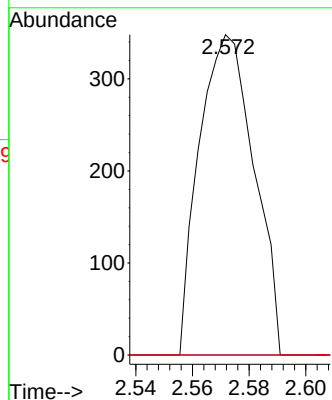
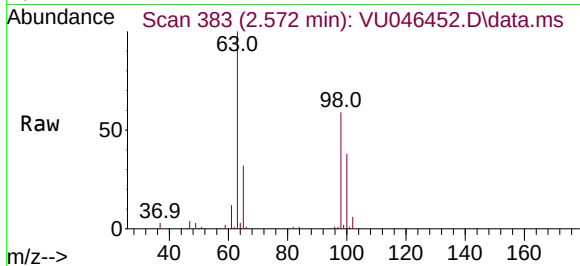




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.450 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046452.D
Acq: 17 Dec 2021 03:48

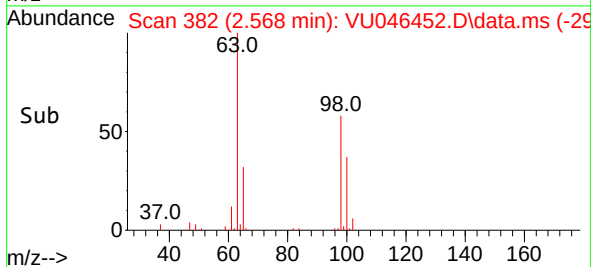
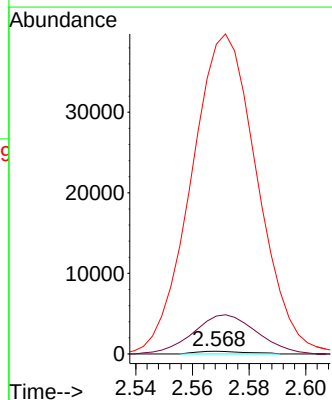
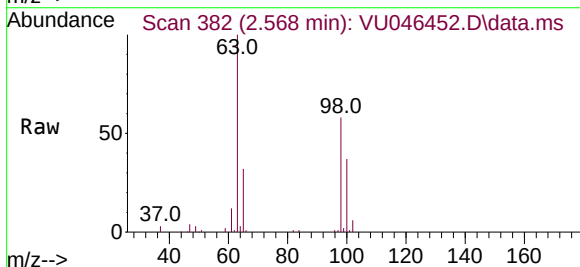
Instrument :
MSVOA_U
ClientSampleId :

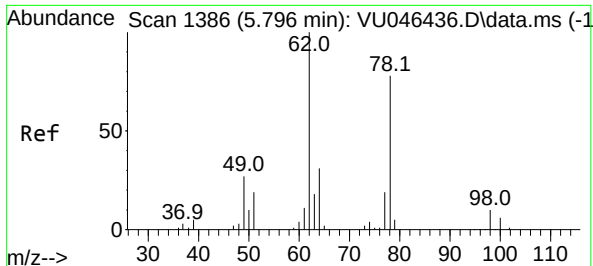
Tgt Ion:101 Resp: 467
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.420 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046452.D
Acq: 17 Dec 2021 03:48

Tgt Ion: 96 Resp: 414
Ion Ratio Lower Upper
96 100
61 1396.7 118.6 220.2#
63 11411.3 93.0 172.8#

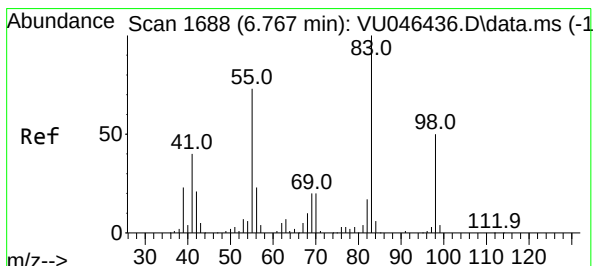
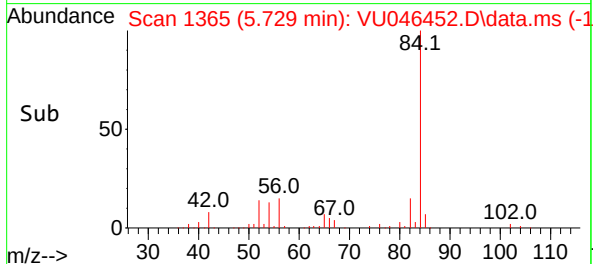
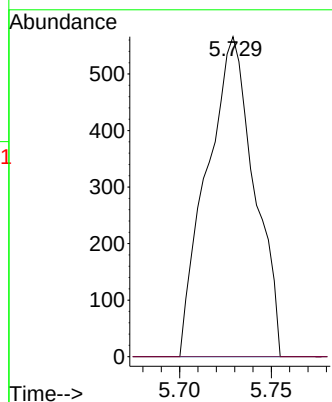
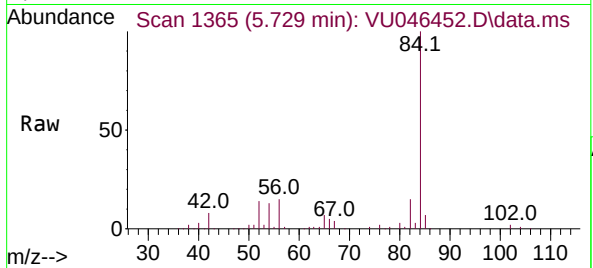




#27
 1,2-Dichloroethane
 Concen: 0.650 ug/L
 RT: 5.729 min Scan# 11
 Delta R.T. -0.067 min
 Lab File: VU046452.D
 Acq: 17 Dec 2021 03:48

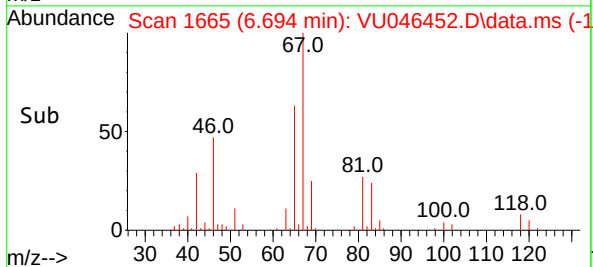
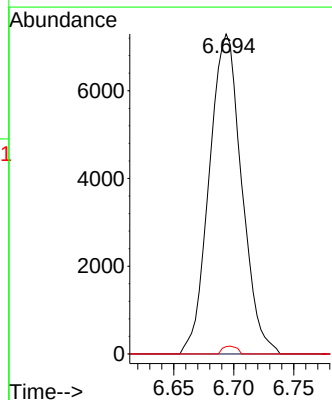
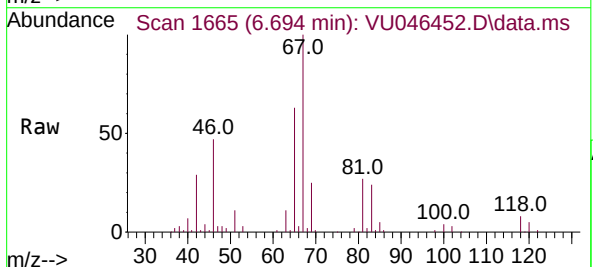
Instrument :
 MSVOA_U
 ClientSampleId :

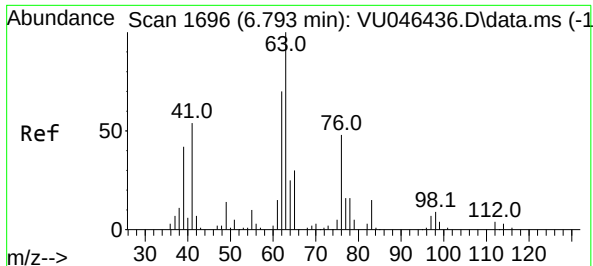
Tgt Ion: 62 Resp: 1017
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#



#35
 Methylcyclohexane
 Concen: 7.534 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU046452.D
 Acq: 17 Dec 2021 03:48

Tgt Ion: 83 Resp: 13713
 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: 5.165 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046452.D

Acq: 17 Dec 2021 03:48

Instrument :

MSVOA_U

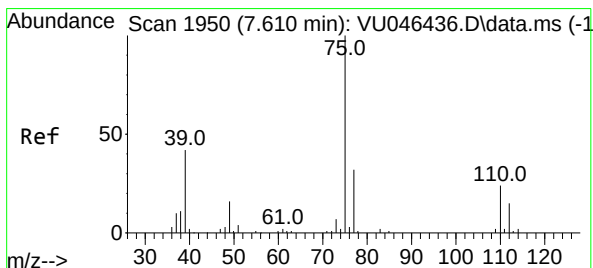
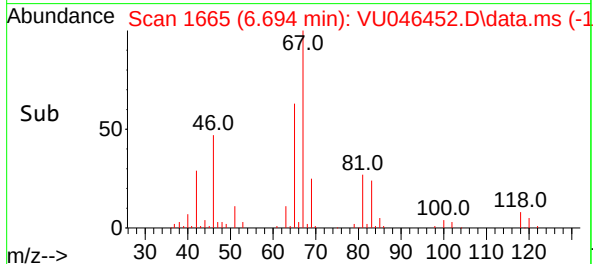
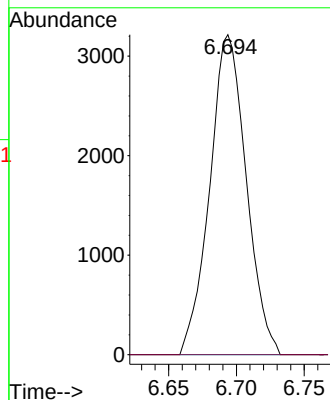
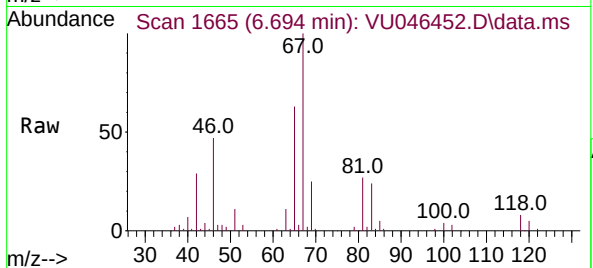
ClientSampleId :

Tgt Ion: 63 Resp: 6029

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.854 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046452.D

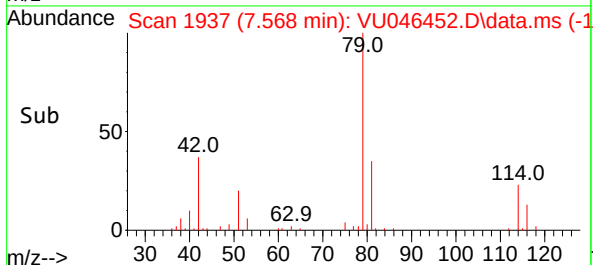
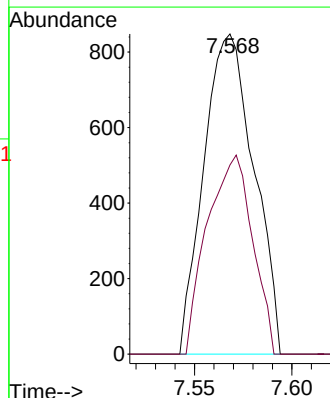
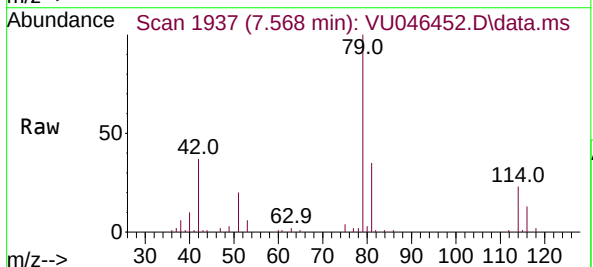
Acq: 17 Dec 2021 03:48

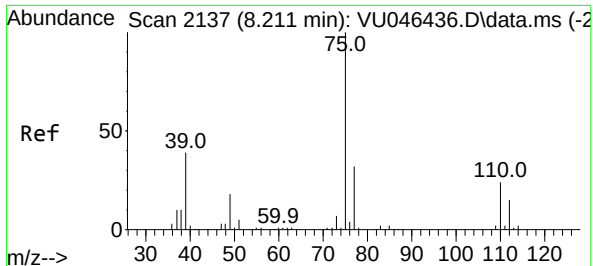
Tgt Ion: 75 Resp: 1517

Ion Ratio Lower Upper

75 100

77 59.1 21.8 40.6#

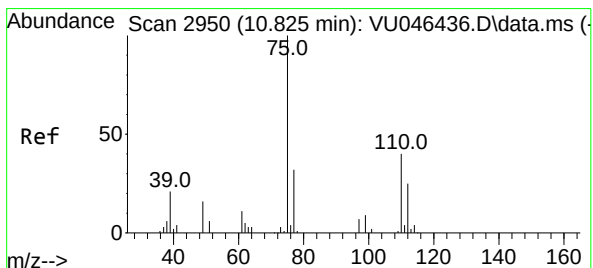
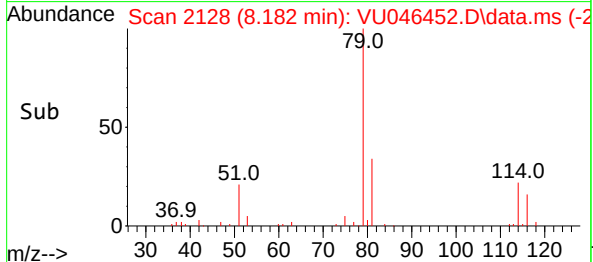
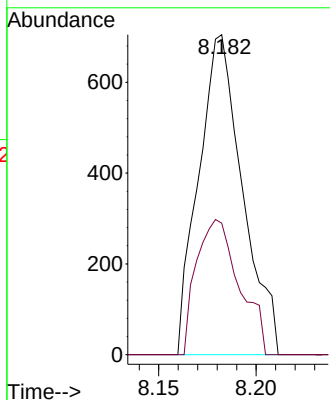
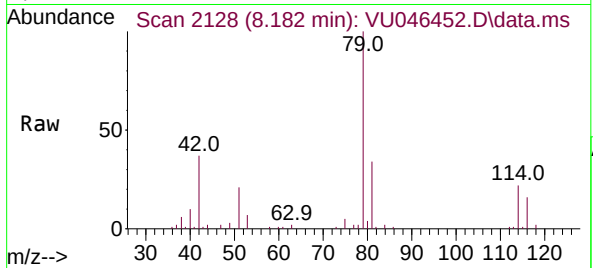




#44
 trans-1,3-Dichloropropene
 Concen: 0.632 ug/L
 RT: 8.182 min Scan# 2137
 Delta R.T. -0.029 min
 Lab File: VU046452.D
 Acq: 17 Dec 2021 03:48

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1103
 Ion Ratio Lower Upper
 75 100
 77 41.1 21.7 40.3#



#60
 1,2,3-Trichloropropane
 Concen: 5.502 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046452.D
 Acq: 17 Dec 2021 03:48

Tgt Ion: 75 Resp: 8988
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.4 39.6
 110 1.6 32.4 48.6#

