

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046238.D
 Acq On : 09 Dec 2021 22:26
 Operator : SY/MD
 Sample : M5002-01
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:24:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

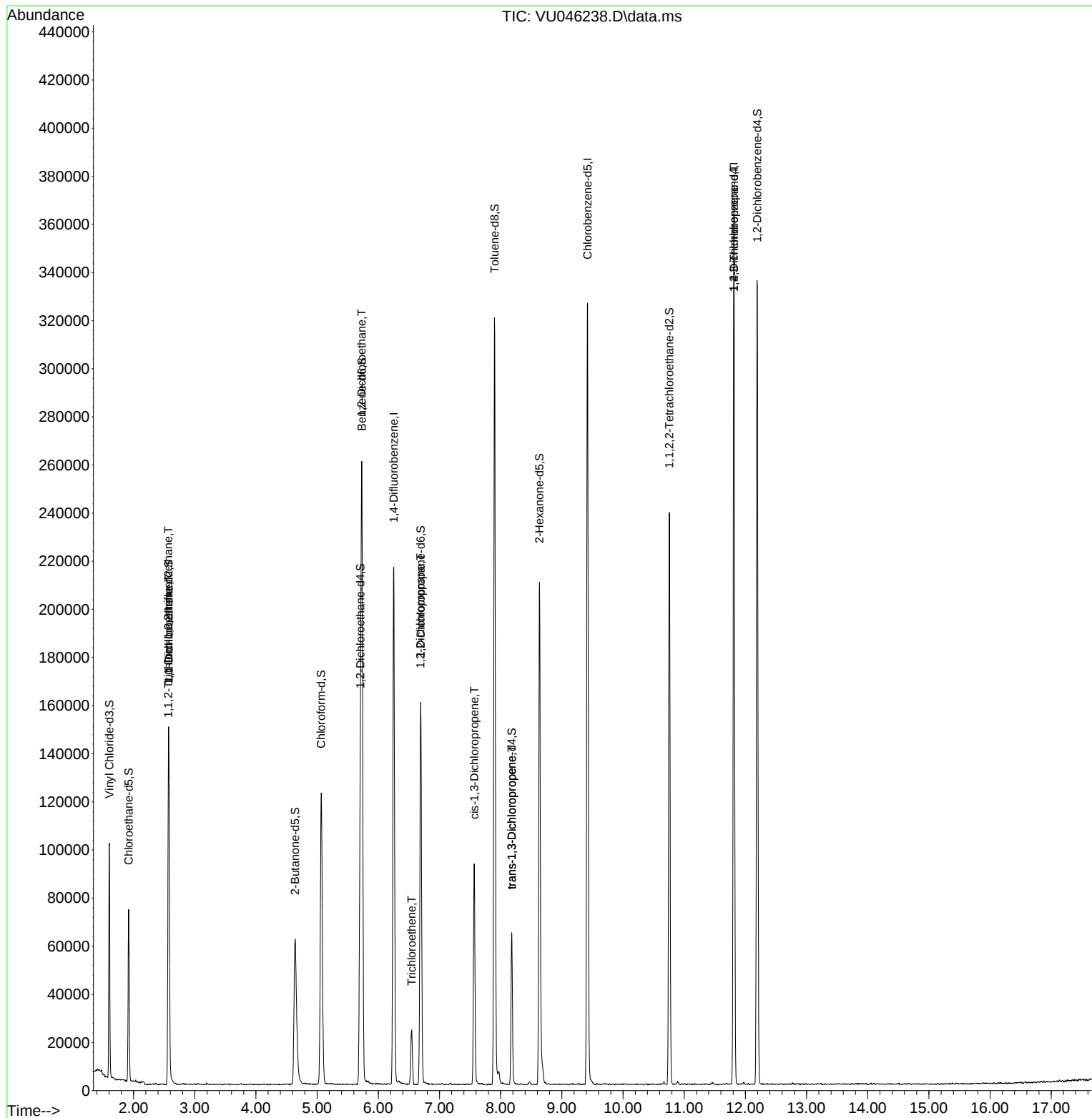
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	176897	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	67934	46.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.240%
7) Chloroethane-d5	1.919	69	51916	46.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.572	63	89212	34.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.200%
21) 2-Butanone-d5	4.639	46	110938	95.769	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.770%
24) Chloroform-d	5.067	84	114088	46.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.760%
26) 1,2-Dichloroethane-d4	5.707	65	78620	48.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.280%
32) Benzene-d6	5.732	84	242651	45.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
36) 1,2-Dichloropropane-d6	6.694	67	76449	46.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.460%
41) Toluene-d8	7.899	98	217964	44.860	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.720%
43) trans-1,3-Dichloroprop...	8.182	79	37305	46.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.460%
47) 2-Hexanone-d5	8.633	63	77417	98.728	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.730%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	118309	47.171	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	88320	47.946	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.900%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	716	0.556	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	904	0.739	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1197	0.617	ug/L #	73
34) Trichloroethene	6.546	95	6827	4.599	ug/L	98
37) 1,2-Dichloropropane	6.690	63	8229	5.575	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2324	1.035	ug/L #	62
44) trans-1,3-Dichloropropene	8.182	75	1566	0.710	ug/L #	77
60) 1,2,3-Trichloropropane	11.812	75	11455	5.463	ug/L #	65

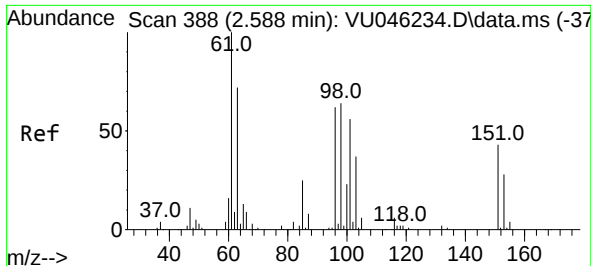
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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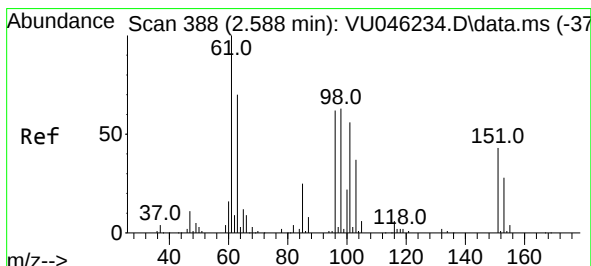
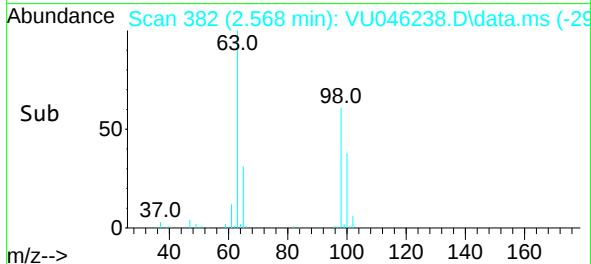
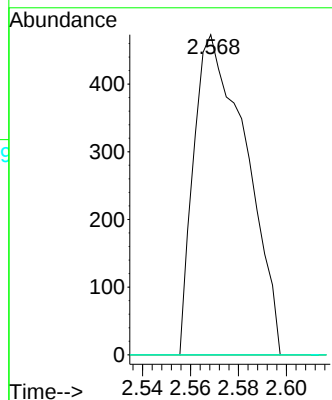
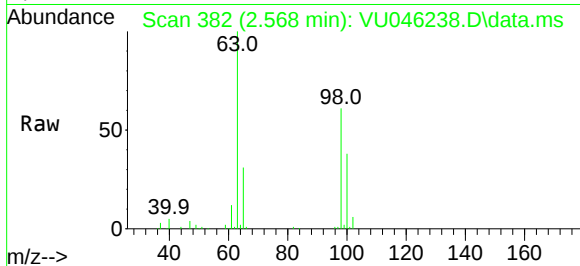




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.556 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU046238.D
Acq: 09 Dec 2021 22:26

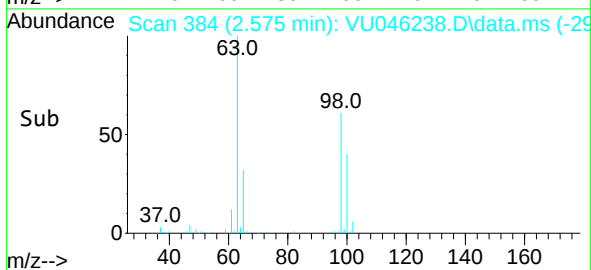
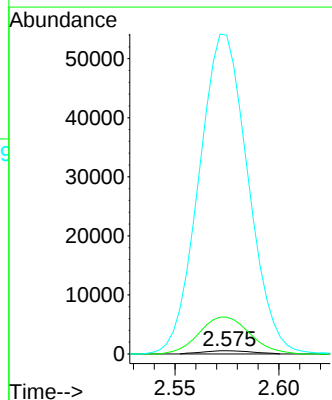
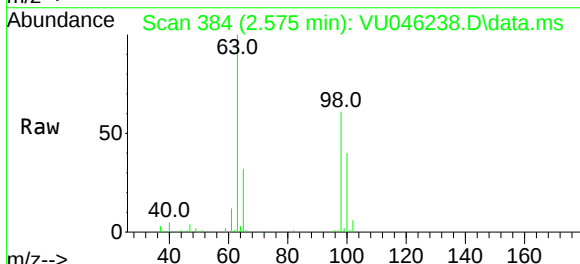
Instrument :
MSVOA_U
ClientSampleId :

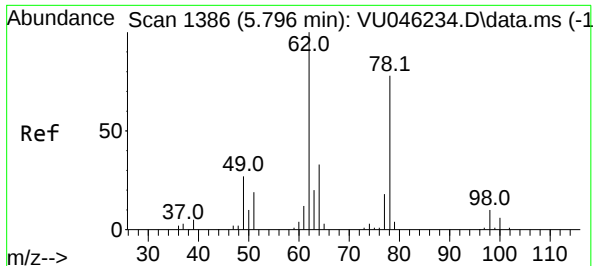
Tgt Ion:101 Resp: 716
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.739 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046238.D
Acq: 09 Dec 2021 22:26

Tgt Ion: 96 Resp: 904
Ion Ratio Lower Upper
96 100
61 1143.8 118.6 220.2#
63 9919.1 93.0 172.8#

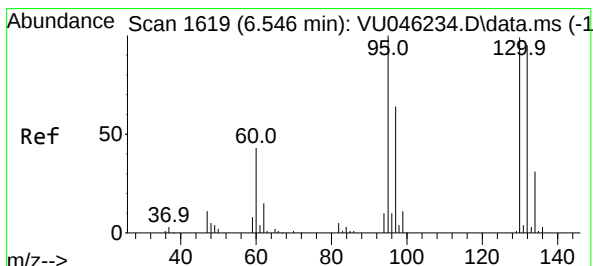
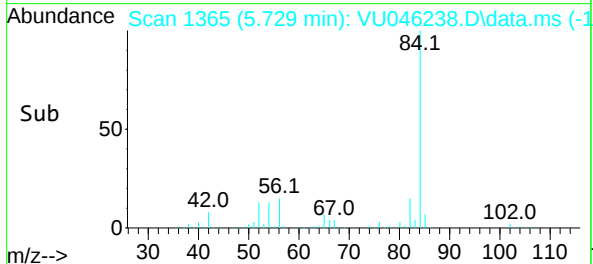
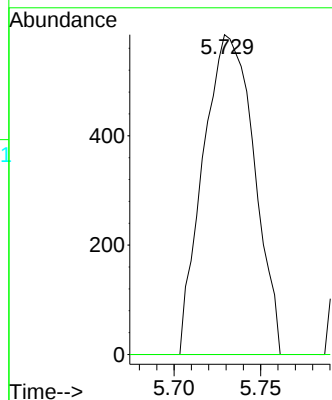
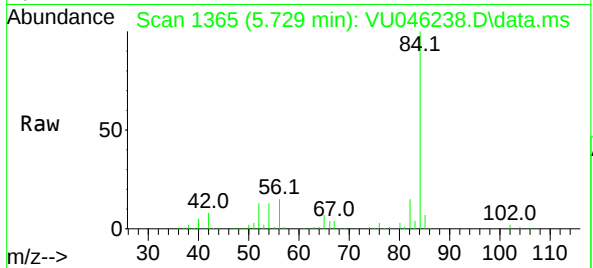




#27
1,2-Dichloroethane
Concen: 0.617 ug/L
RT: 5.729 min Scan# 1197
Delta R.T. -0.071 min
Lab File: VU046238.D
Acq: 09 Dec 2021 22:26

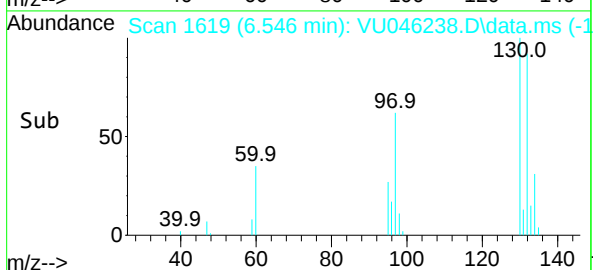
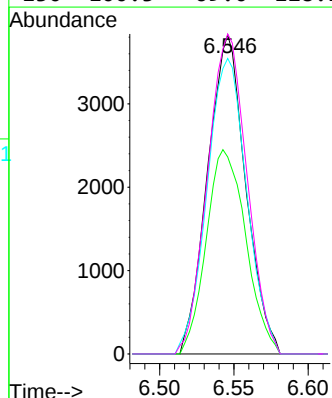
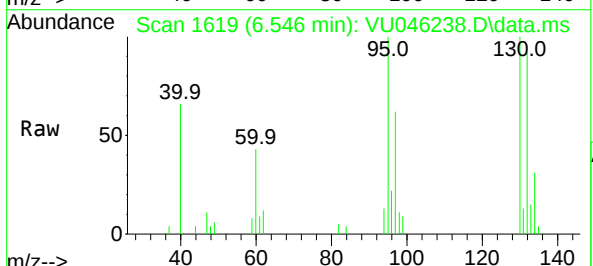
Instrument :
MSVOA_U
ClientSampleId :

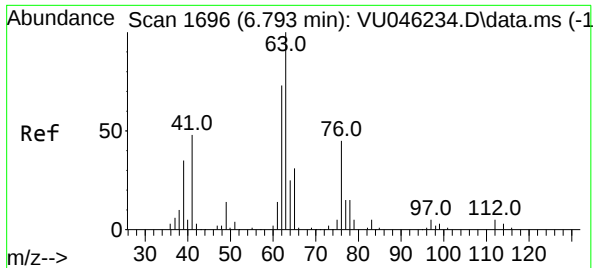
Tgt Ion: 62 Resp: 1197
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#34
Trichloroethene
Concen: 4.599 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046238.D
Acq: 09 Dec 2021 22:26

Tgt Ion: 95 Resp: 6827
Ion Ratio Lower Upper
95 100
97 61.7 44.1 81.9
132 92.7 66.8 124.0
130 100.3 69.0 128.1





#37

1,2-Dichloropropane

Concen: 5.575 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046238.D

Acq: 09 Dec 2021 22:26

Instrument :

MSVOA_U

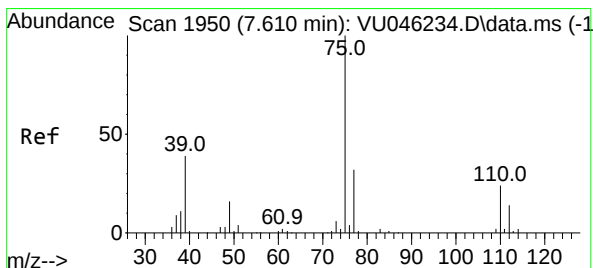
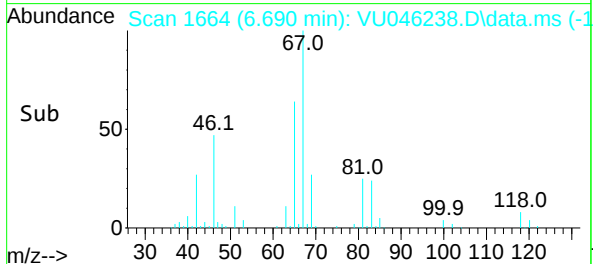
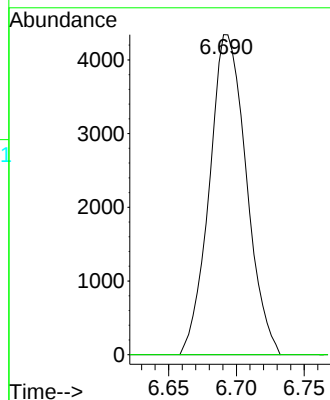
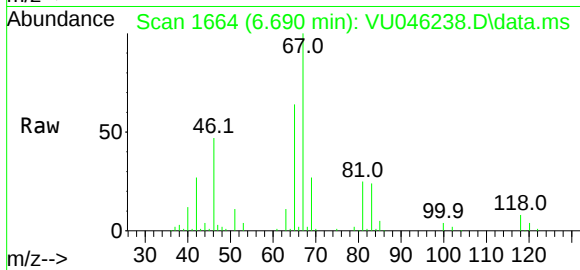
ClientSampleId :

Tgt Ion: 63 Resp: 8229

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.035 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046238.D

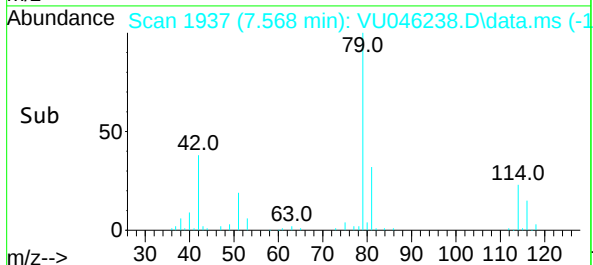
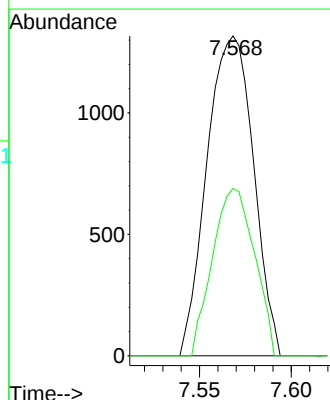
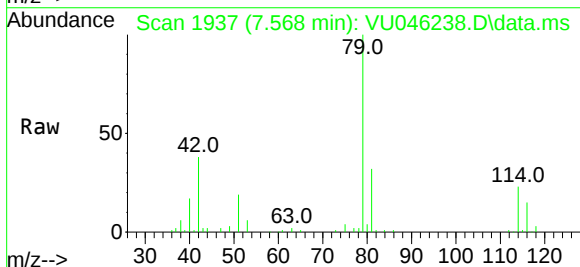
Acq: 09 Dec 2021 22:26

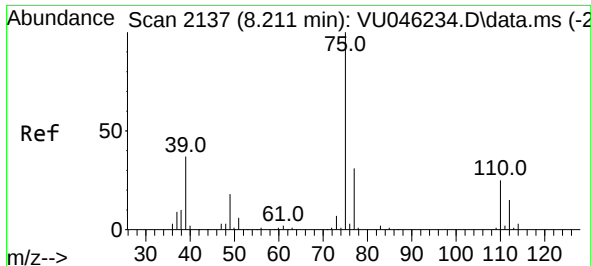
Tgt Ion: 75 Resp: 2324

Ion Ratio Lower Upper

75 100

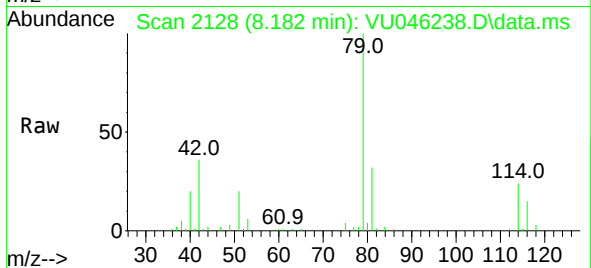
77 52.3 21.8 40.6#



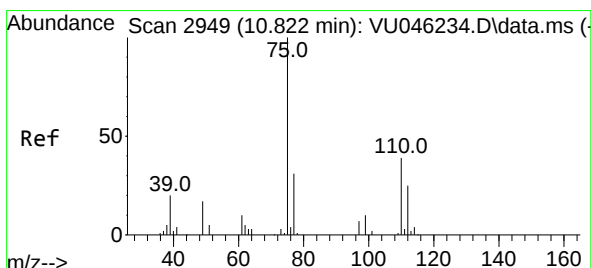
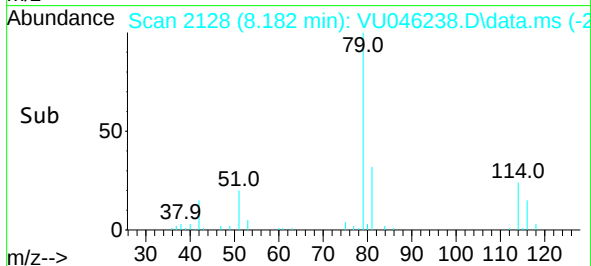
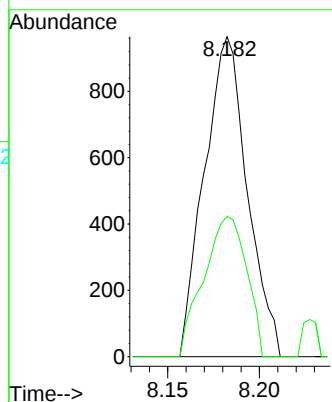


#44
 trans-1,3-Dichloropropene
 Concen: 0.710 ug/L
 RT: 8.182 min Scan# 2137
 Delta R.T. -0.032 min
 Lab File: VU046238.D
 Acq: 09 Dec 2021 22:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1566
 Ion Ratio Lower Upper
 75 100
 77 43.8 21.7 40.3#



#60
 1,2,3-Trichloropropane
 Concen: 5.463 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046238.D
 Acq: 09 Dec 2021 22:26

Tgt Ion: 75 Resp: 11455
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.4 39.6
 110 2.8 32.4 48.6#

