

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046269.D
 Acq On : 10 Dec 2021 16:46
 Operator : SY/MD
 Sample : M4943-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 22:25:07 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)

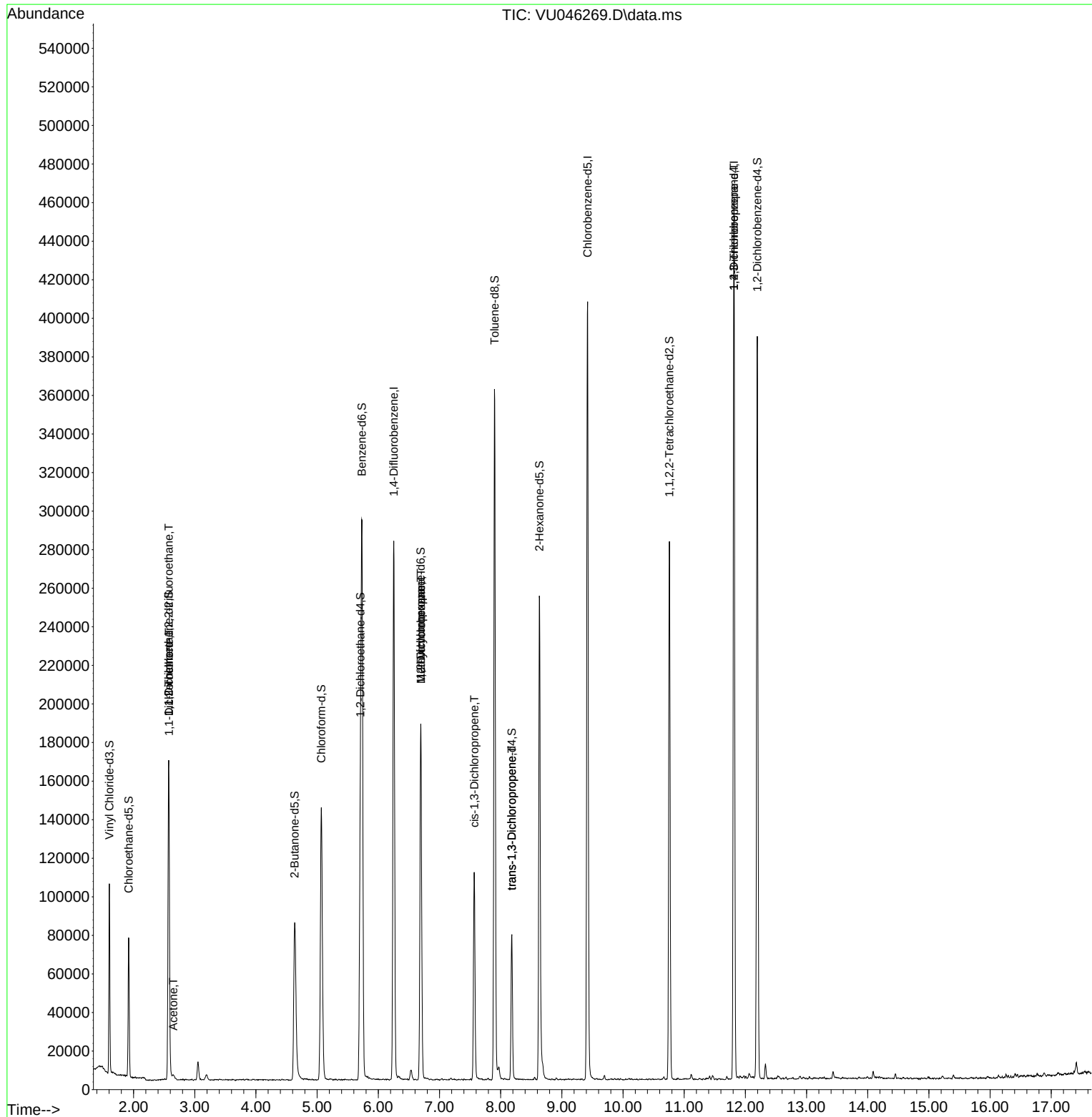
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	230419	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	237386	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	123939	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	67474	35.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.100%
7) Chloroethane-d5	1.919	69	52136	35.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.560%
11) 1,1-Dichloroethene-d2	2.575	63	98026	28.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.540%#
21) 2-Butanone-d5	4.633	46	129938	86.116	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.120%
24) Chloroform-d	5.070	84	131360	41.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.880%
26) 1,2-Dichloroethane-d4	5.707	65	90284	42.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.880%
32) Benzene-d6	5.732	84	278176	40.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.760%
36) 1,2-Dichloropropane-d6	6.694	67	89471	42.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.860%
41) Toluene-d8	7.899	98	244005	39.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.780%#
43) trans-1,3-Dichloroprop...	8.182	79	43751	42.981	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.960%
47) 2-Hexanone-d5	8.632	63	90653	90.672	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.670%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	139288	43.557	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.120%
66) 1,2-Dichlorobenzene-d4	12.195	152	103456	43.344	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.680%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	919	0.548	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	627	0.394	ug/L #	1
13) Acetone	2.649	43	3994	2.118	ug/L	99
35) Methylcyclohexane	6.697	83	21676	7.386	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	9678	5.142	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2765	0.966	ug/L #	64
44) trans-1,3-Dichloropropene	8.182	75	1826	0.649	ug/L	87
60) 1,2,3-Trichloropropane	11.812	75	14121	5.198	ug/L #	66

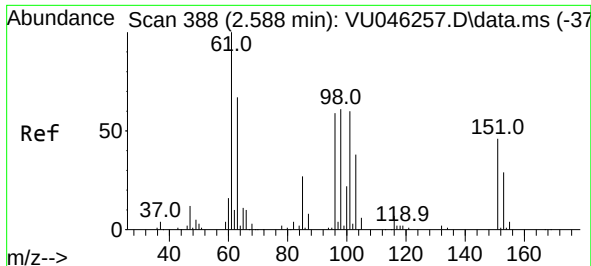
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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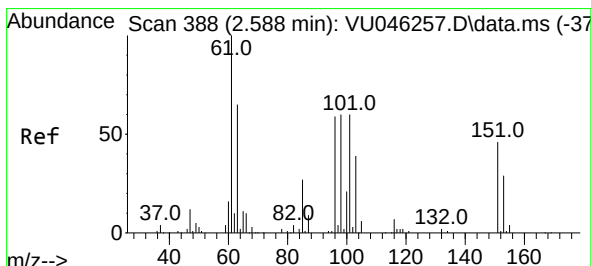
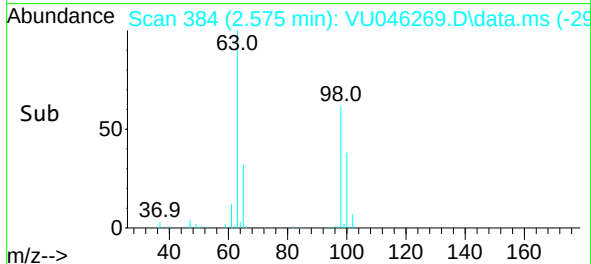
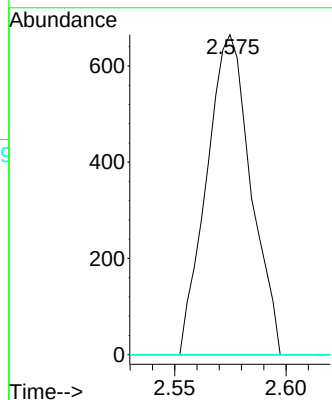
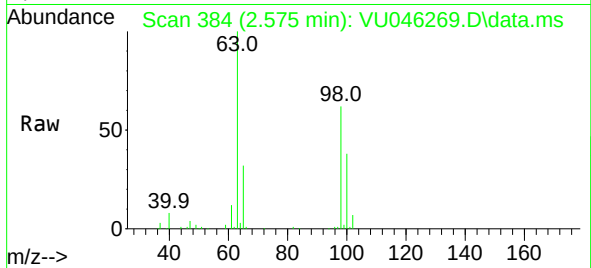




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.548 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046269.D
Acq: 10 Dec 2021 16:46

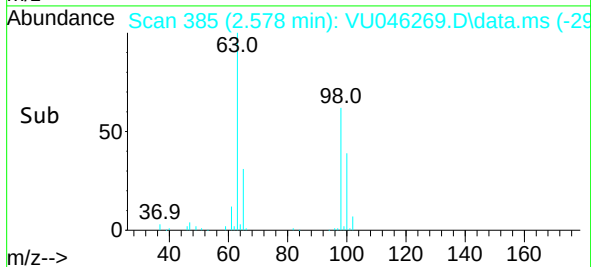
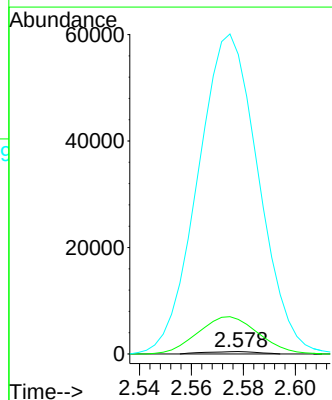
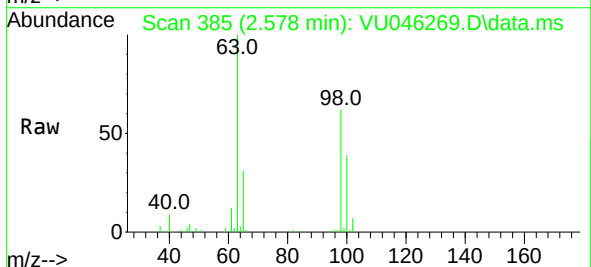
Instrument :
MSVOA_U
ClientSampleId :

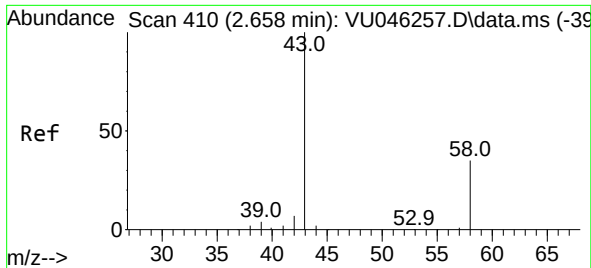
Tgt Ion:101 Resp: 919
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.394 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU046269.D
Acq: 10 Dec 2021 16:46

Tgt Ion: 96 Resp: 627
Ion Ratio Lower Upper
96 100
61 1478.6 118.6 220.2#
63 12790.9 93.0 172.8#





#13

Acetone

Concen: 2.118 ug/L

RT: 2.649 min Scan# 40

Delta R.T. -0.013 min

Lab File: VU046269.D

Acq: 10 Dec 2021 16:46

Instrument :

MSVOA_U

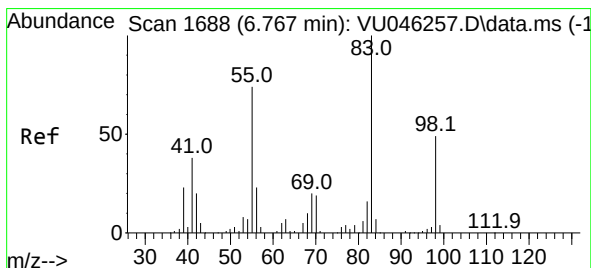
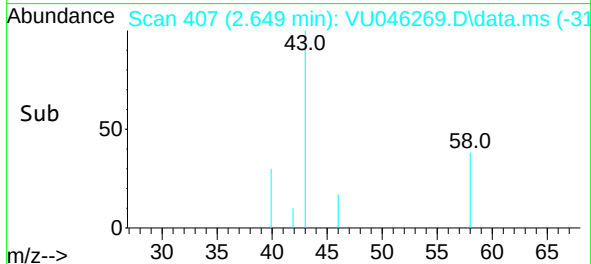
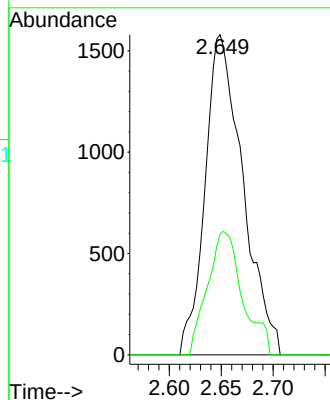
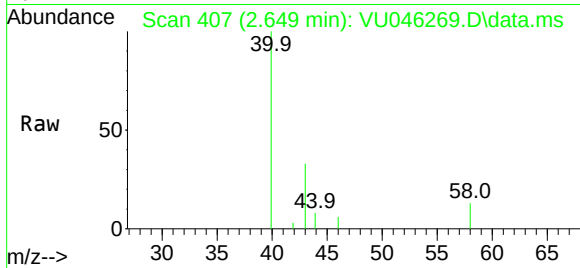
ClientSampleId :

Tgt Ion: 43 Resp: 3994

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.8



#35

Methylcyclohexane

Concen: 7.386 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU046269.D

Acq: 10 Dec 2021 16:46

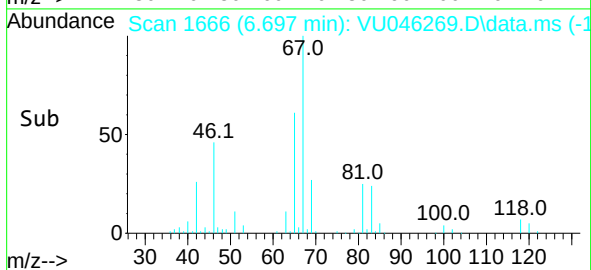
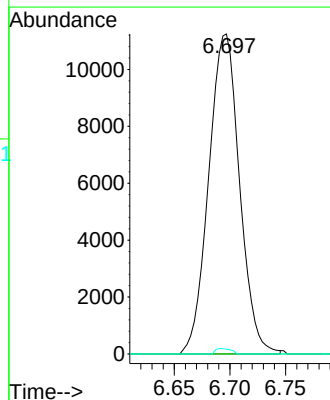
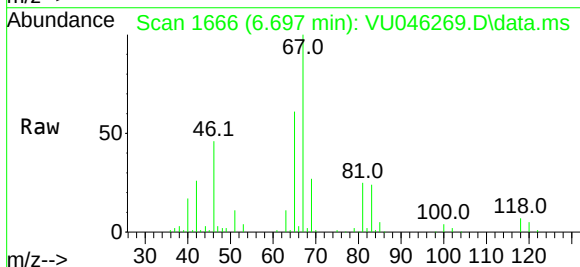
Tgt Ion: 83 Resp: 21676

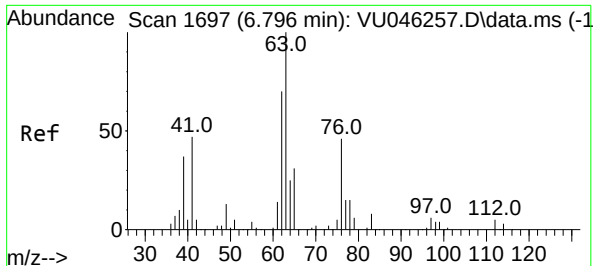
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.142 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU046269.D

Acq: 10 Dec 2021 16:46

Instrument :

MSVOA_U

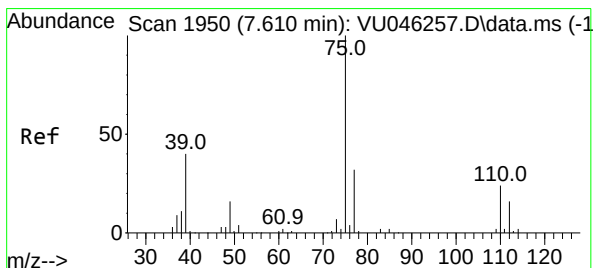
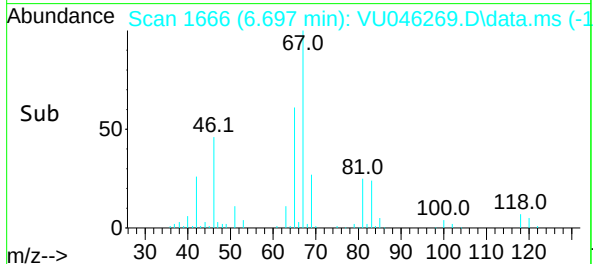
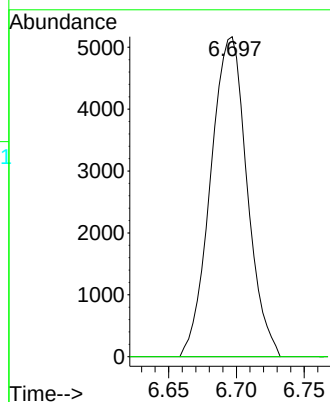
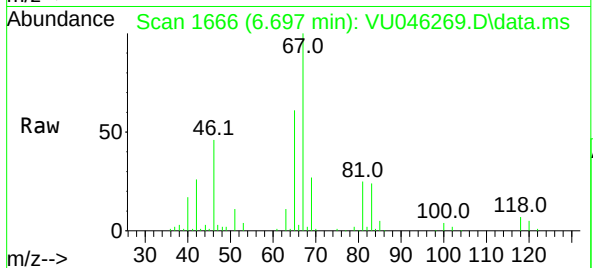
ClientSampleId :

Tgt Ion: 63 Resp: 9678

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.966 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046269.D

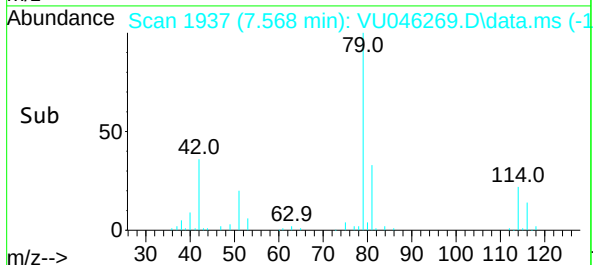
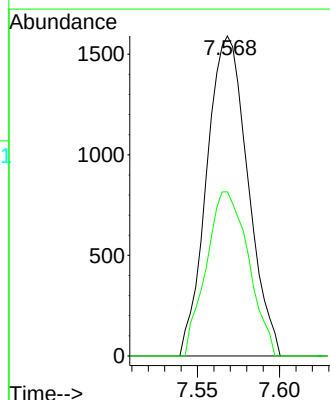
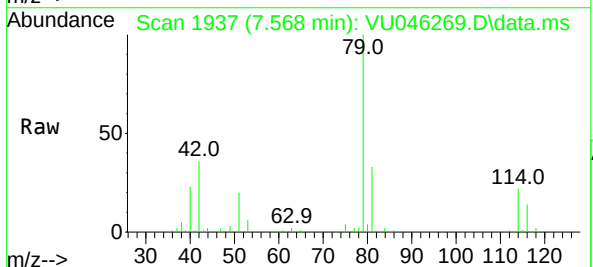
Acq: 10 Dec 2021 16:46

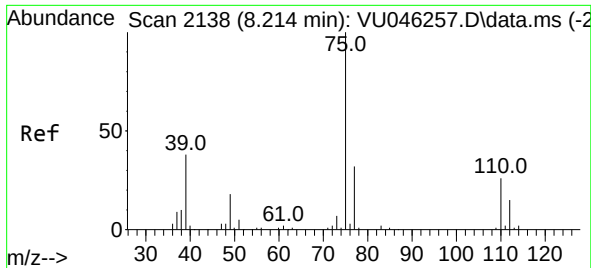
Tgt Ion: 75 Resp: 2765

Ion Ratio Lower Upper

75 100

77 51.3 21.8 40.6#

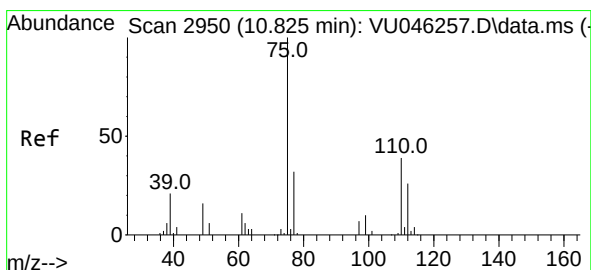
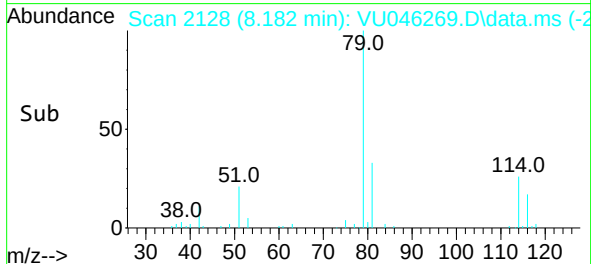
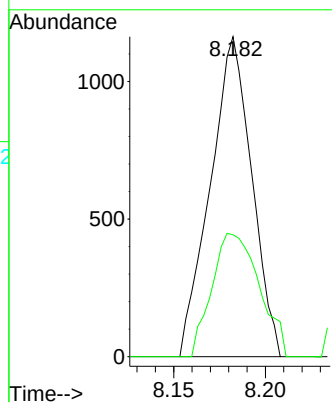
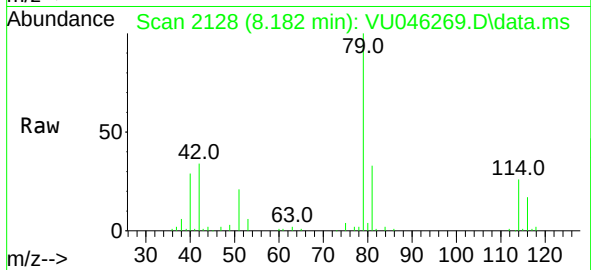




#44
 trans-1,3-Dichloropropene
 Concen: 0.649 ug/L
 RT: 8.182 min Scan# 2138
 Delta R.T. -0.032 min
 Lab File: VU046269.D
 Acq: 10 Dec 2021 16:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1826
 Ion Ratio Lower Upper
 75 100
 77 38.1 21.7 40.3



#60
 1,2,3-Trichloropropane
 Concen: 5.198 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046269.D
 Acq: 10 Dec 2021 16:46

Tgt Ion: 75 Resp: 14121
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.4 39.6
 110 2.9 32.4 48.6#

