

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046239.D
 Acq On : 09 Dec 2021 22:48
 Operator : SY/MD
 Sample : M5002-02
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:24:58 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)

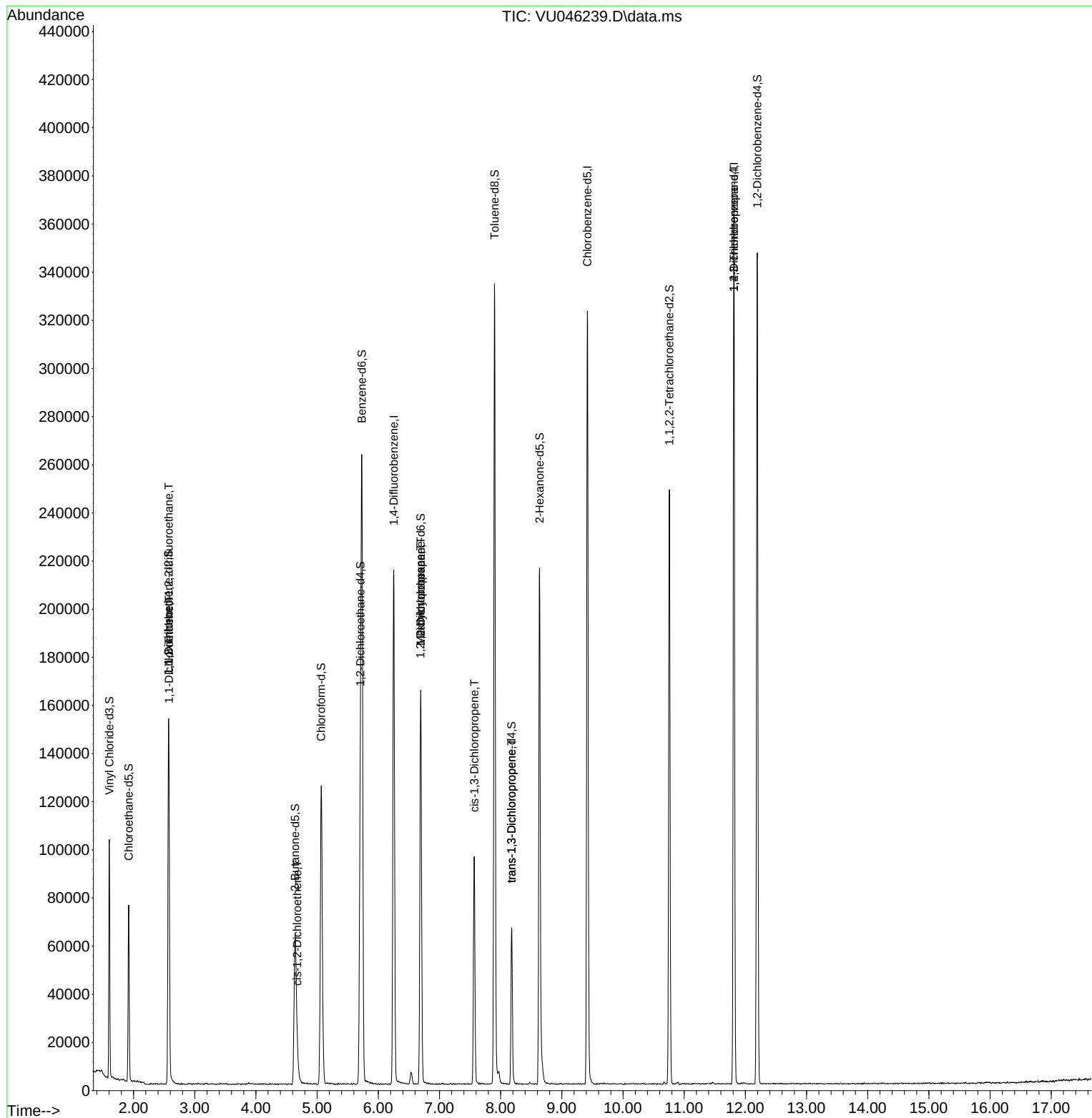
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	176730	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	185464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97221	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	68986	47.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.780%
7) Chloroethane-d5	1.919	69	51516	46.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.180%
11) 1,1-Dichloroethene-d2	2.572	63	90819	34.751	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.500%
21) 2-Butanone-d5	4.639	46	109921	94.981	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.980%
24) Chloroform-d	5.067	84	115292	47.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.840%
26) 1,2-Dichloroethane-d4	5.706	65	80395	49.275	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.540%
32) Benzene-d6	5.732	84	247229	46.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.020%
36) 1,2-Dichloropropane-d6	6.694	67	77786	47.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.440%
41) Toluene-d8	7.899	98	220607	45.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	8.179	79	37458	47.101	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.200%
47) 2-Hexanone-d5	8.636	63	78731	100.794	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.790%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	120892	48.388	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.780%
66) 1,2-Dichlorobenzene-d4	12.195	152	90205	48.179	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.360%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	810	0.630	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	1082	0.885	ug/L #	1
20) cis-1,2-Dichloroethene	4.674	96	1480	1.055	ug/L	95
35) Methylcyclohexane	6.694	83	18633	8.126	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	8495	5.777	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2213	0.989	ug/L #	66
44) trans-1,3-Dichloropropene	8.179	75	1534	0.698	ug/L #	72
60) 1,2,3-Trichloropropane	11.812	75	11599	5.443	ug/L #	66

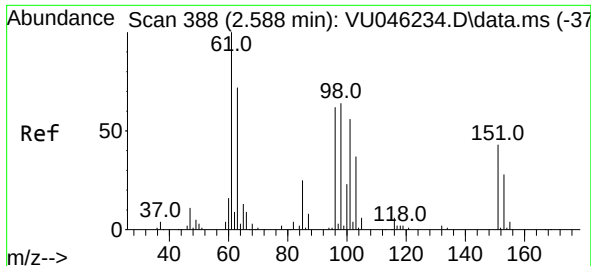
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#10

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

Concen: 0.630 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU046239.D

Acq: 09 Dec 2021 22:48

Instrument :

MSVOA_U

ClientSampleId :

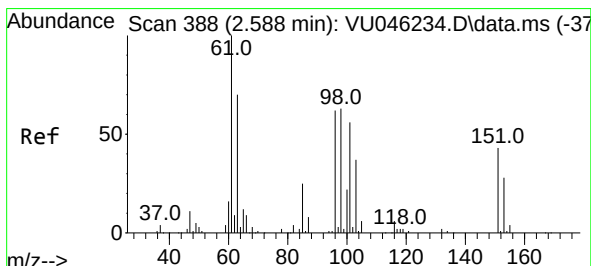
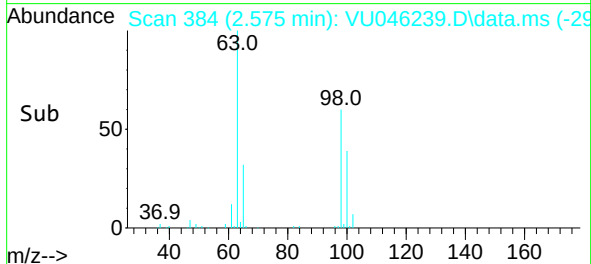
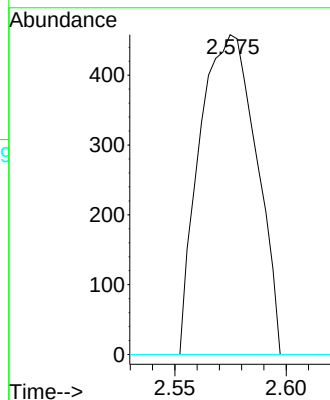
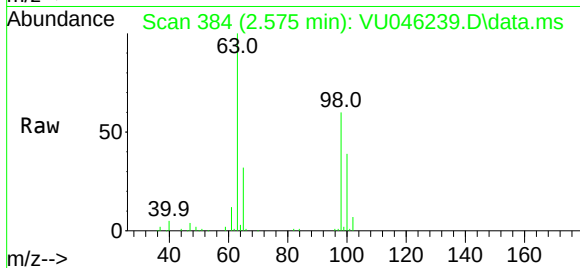
Tgt Ion:101 Resp: 810

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: 0.885 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.006 min

Lab File: VU046239.D

Acq: 09 Dec 2021 22:48

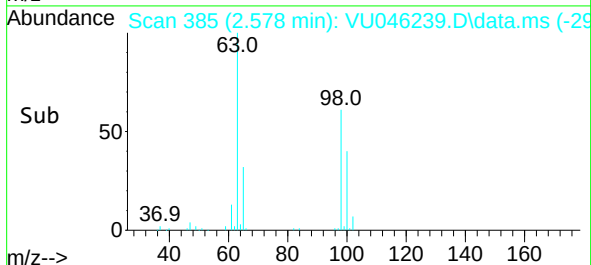
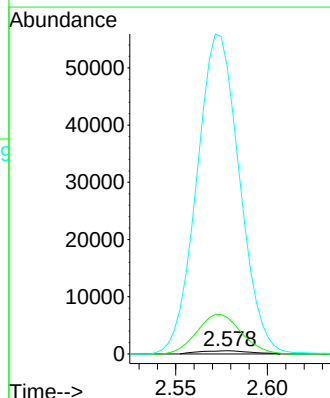
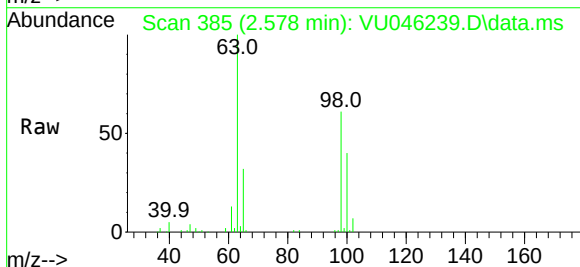
Tgt Ion: 96 Resp: 1082

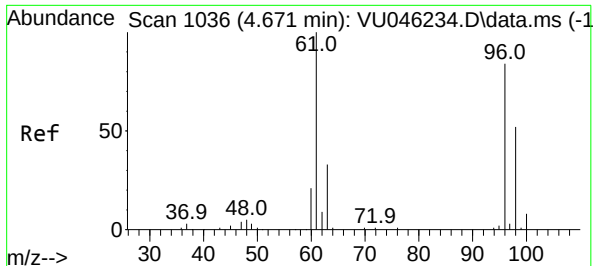
Ion Ratio Lower Upper

96 100

61 1124.1 118.6 220.2#

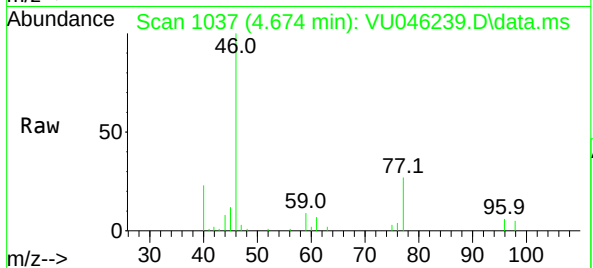
63 8850.6 93.0 172.8#



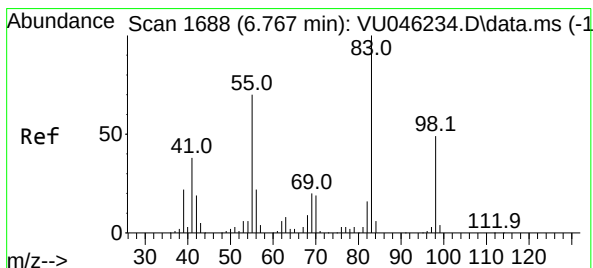
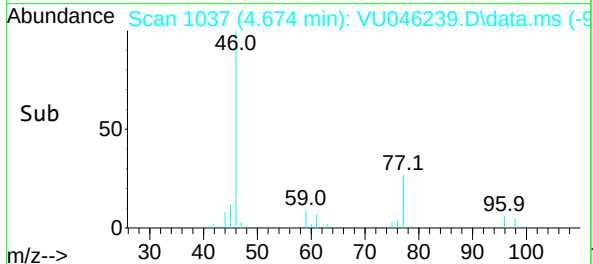
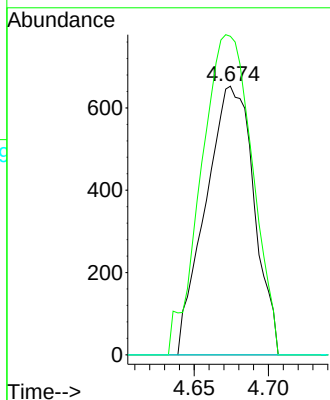


#20
 cis-1,2-Dichloroethene
 Concen: 1.055 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU046239.D
 Acq: 09 Dec 2021 22:48

Instrument :
 MSVOA_U
 ClientSampleId :

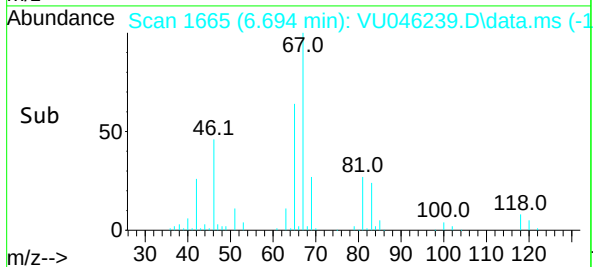
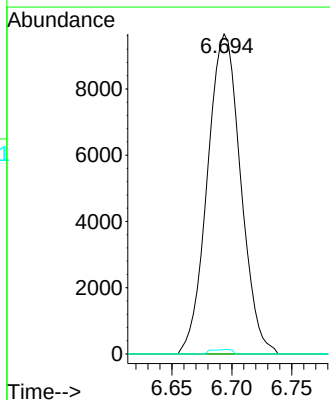
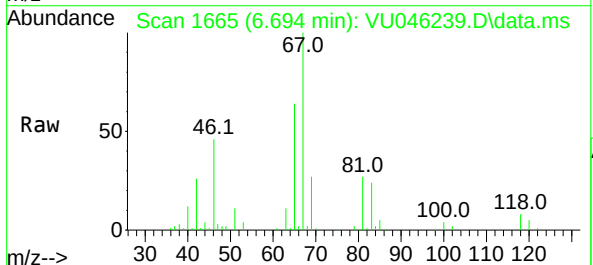


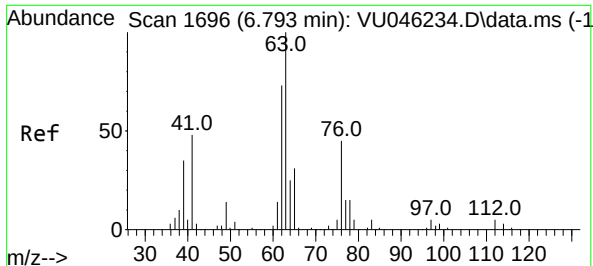
Tgt Ion: 96	Resp: 1480
Ion Ratio	Lower Upper
96 100	
61 118.5	86.8 161.2
68 0.0	0.0 0.0



#35
 Methylcyclohexane
 Concen: 8.126 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU046239.D
 Acq: 09 Dec 2021 22:48

Tgt Ion: 83	Resp: 18633
Ion Ratio	Lower Upper
83 100	
55 0.0	57.8 86.6#
98 0.4	38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.777 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046239.D

Acq: 09 Dec 2021 22:48

Instrument :

MSVOA_U

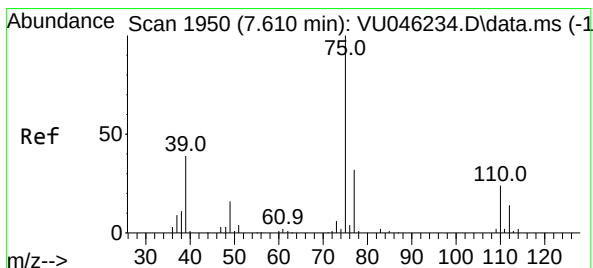
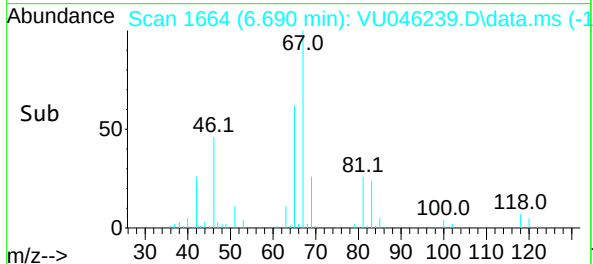
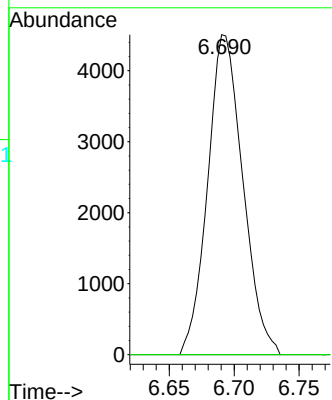
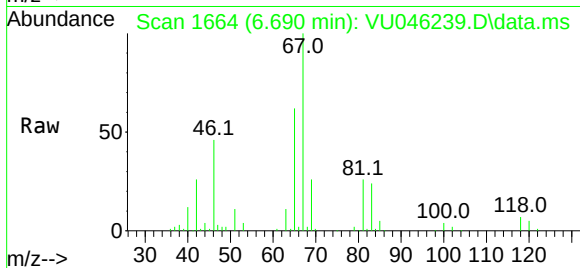
ClientSampleId :

Tgt Ion: 63 Resp: 8495

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.989 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046239.D

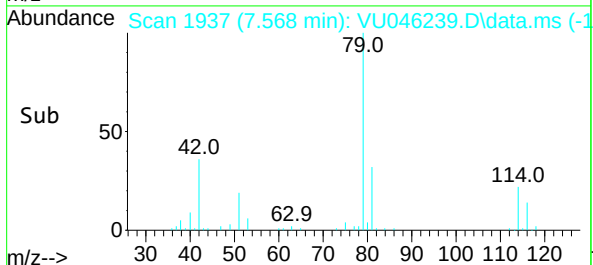
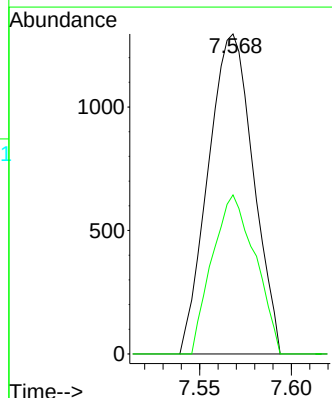
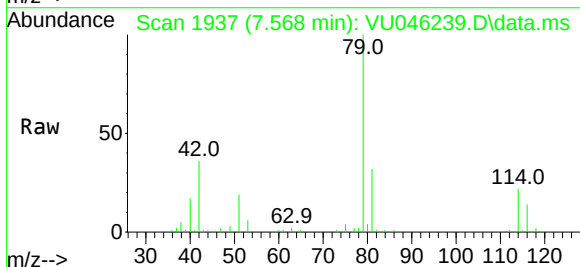
Acq: 09 Dec 2021 22:48

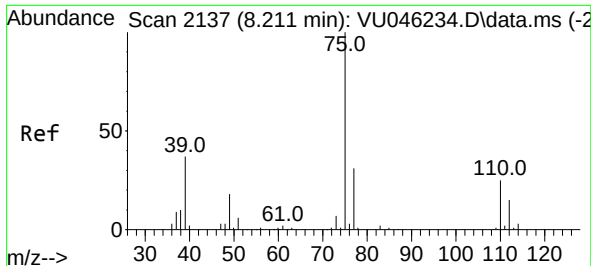
Tgt Ion: 75 Resp: 2213

Ion Ratio Lower Upper

75 100

77 49.7 21.8 40.6#

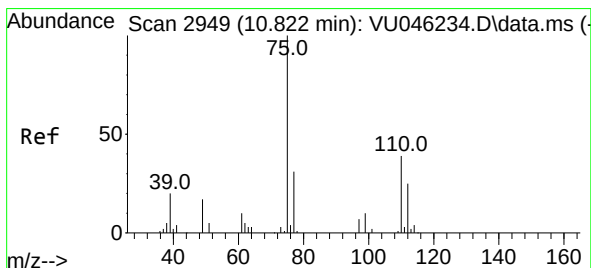
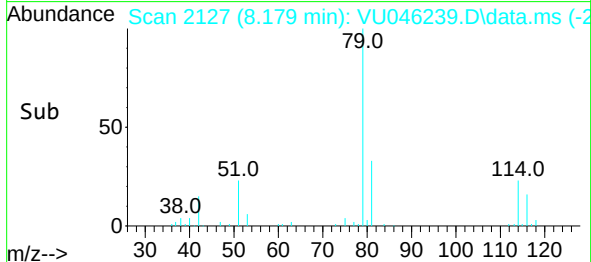
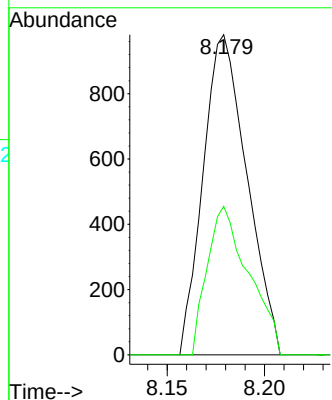
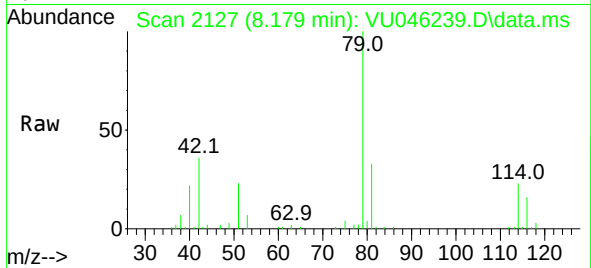




#44
trans-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU046239.D
Acq: 09 Dec 2021 22:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1534
Ion Ratio Lower Upper
75 100
77 46.4 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.443 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046239.D
Acq: 09 Dec 2021 22:48

Tgt Ion: 75 Resp: 11599
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6
110 2.5 32.4 48.6#

