

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046200.D
 Acq On : 09 Dec 2021 00:49
 Operator : SY/MD
 Sample : M4982-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 04:37:27 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)

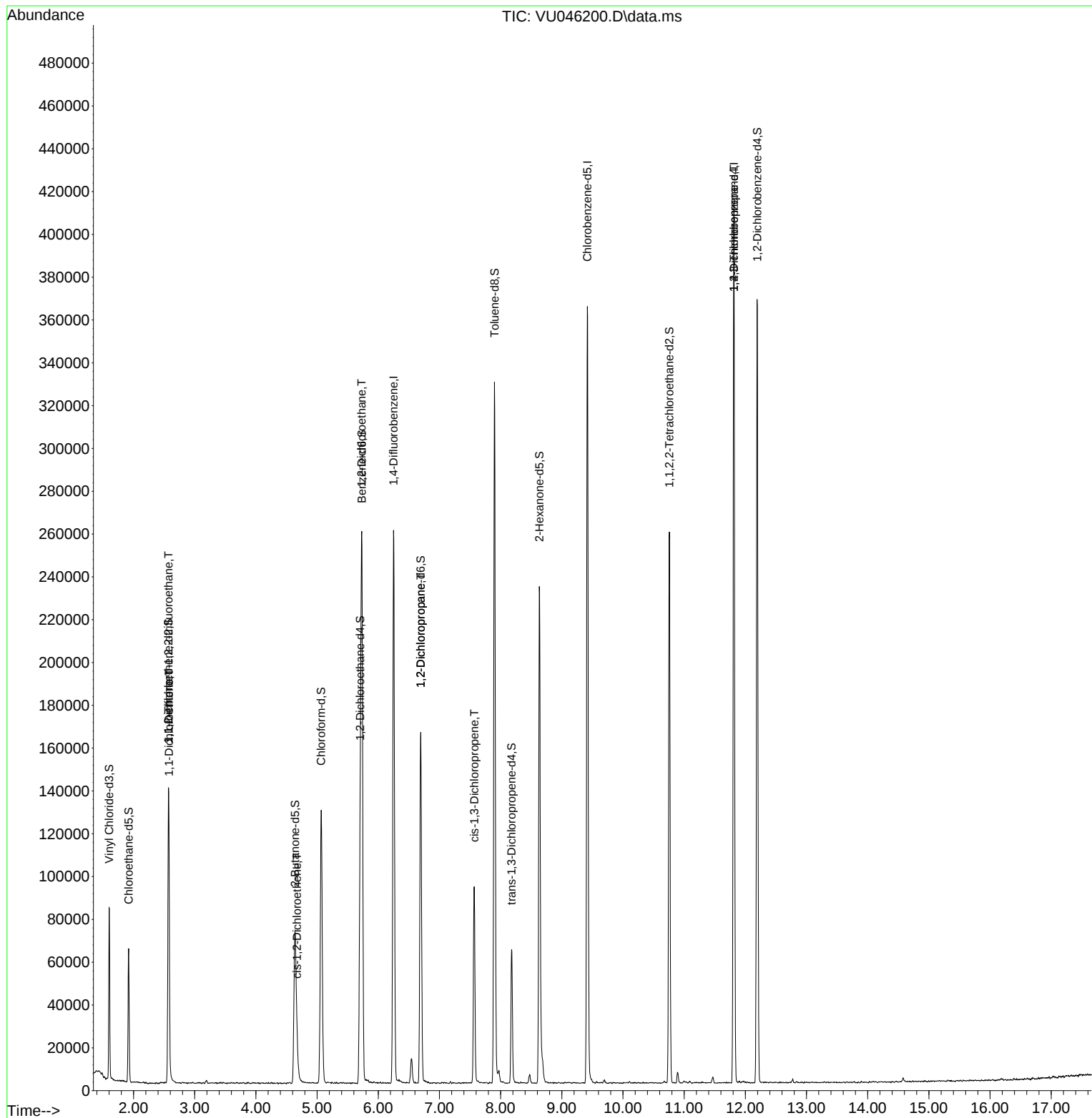
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	215280	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	209992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	113472	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55170	31.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.220%
7) Chloroethane-d5	1.919	69	44693	32.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.640%#
11) 1,1-Dichloroethene-d2	2.572	63	81262	25.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.060%#
21) 2-Butanone-d5	4.639	46	125043	88.699	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.700%
24) Chloroform-d	5.067	84	119456	40.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.680%
26) 1,2-Dichloroethane-d4	5.704	65	81686	41.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.200%
32) Benzene-d6	5.733	84	248806	41.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.680%
36) 1,2-Dichloropropane-d6	6.694	67	79091	42.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.800%
41) Toluene-d8	7.900	98	224198	40.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.820%
43) trans-1,3-Dichloroprop...	8.179	79	37742	41.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.820%
47) 2-Hexanone-d5	8.633	63	86176	97.439	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126693	44.787	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	97916	44.807	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.620%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	778	0.497	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	649	0.436	ug/L #	1
20) cis-1,2-Dichloroethene	4.672	96	2734	1.600	ug/L	96
27) 1,2-Dichloroethane	5.729	62	1136	0.481	ug/L #	73
37) 1,2-Dichloropropane	6.694	63	8459	5.081	ug/L #	86
39) cis-1,3-Dichloropropene	7.569	75	2251	0.889	ug/L #	56
60) 1,2,3-Trichloropropane	11.813	75	12019	4.832	ug/L #	65

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046200.D
Acq On : 09 Dec 2021 00:49
Operator : SY/MD
Sample : M4982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 09 04:37:27 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





#10

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

Concen: 0.497 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046200.D

Acq: 09 Dec 2021 00:49

Instrument :

MSVOA_U

ClientSampleId :

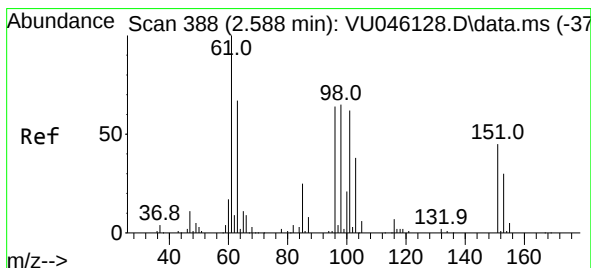
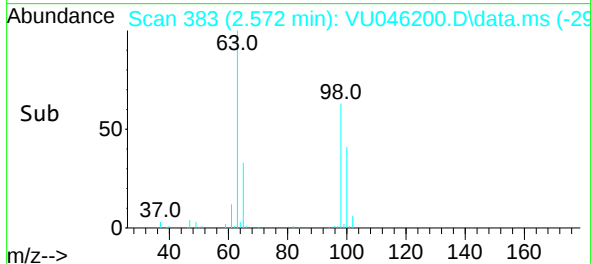
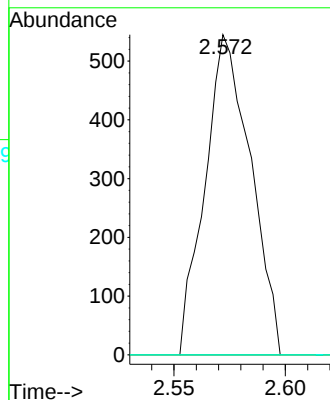
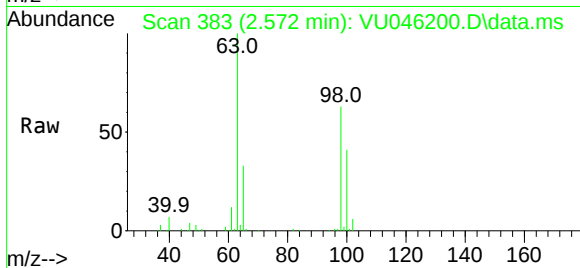
Tgt Ion:101 Resp: 778

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: 0.436 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.006 min

Lab File: VU046200.D

Acq: 09 Dec 2021 00:49

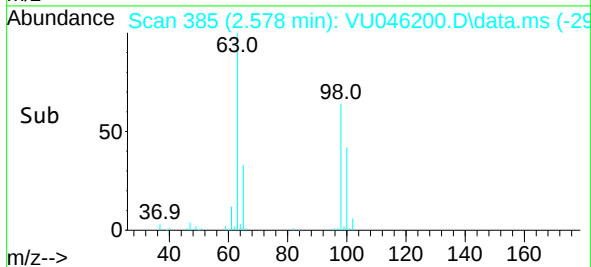
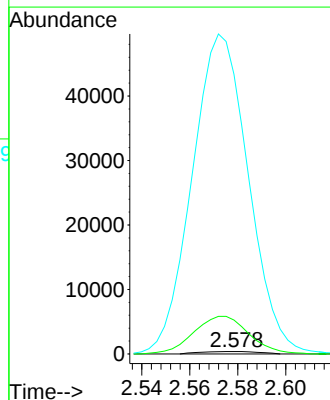
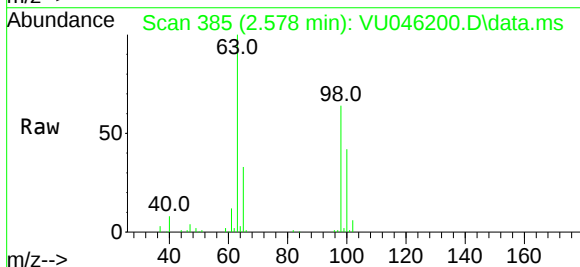
Tgt Ion: 96 Resp: 649

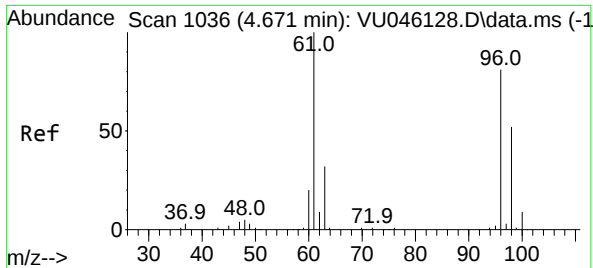
Ion Ratio Lower Upper

96 100

61 1394.2 118.6 220.2#

63 11470.9 93.0 172.8#



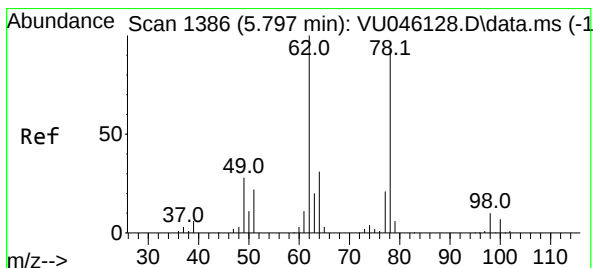
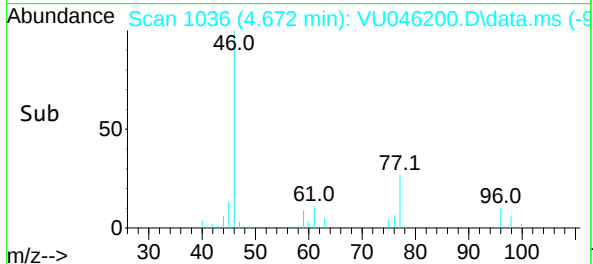
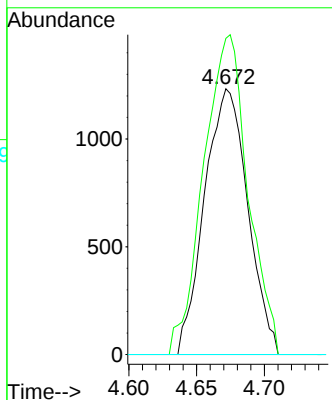
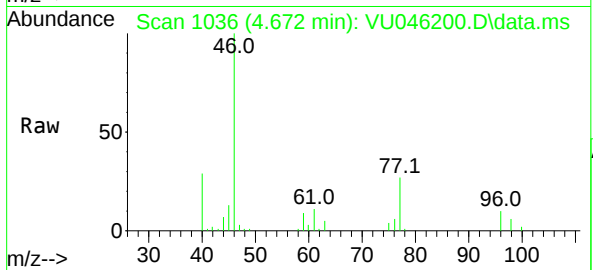


#20
 cis-1,2-Dichloroethene
 Concen: 1.600 ug/L
 RT: 4.672 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU046200.D
 Acq: 09 Dec 2021 00:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 2734

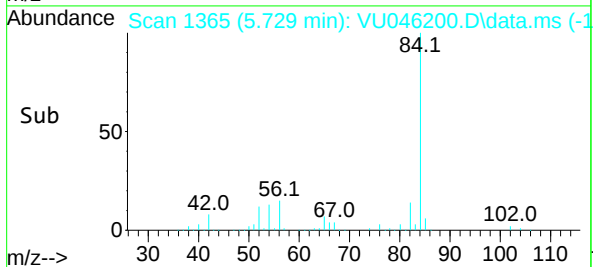
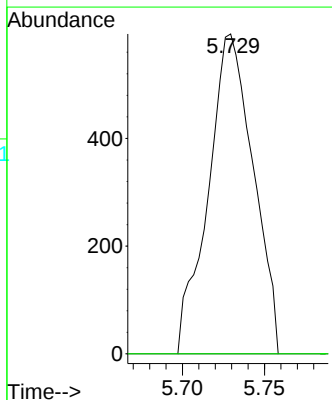
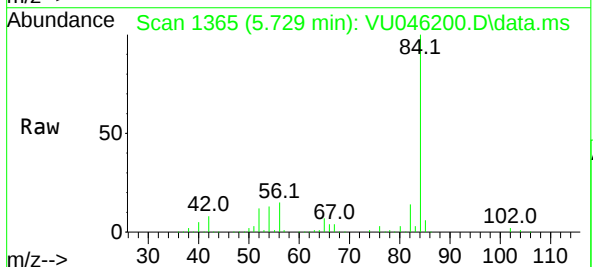
Ion	Ratio	Lower	Upper
96	100		
61	119.0	86.8	161.2
68	0.0	0.0	0.0

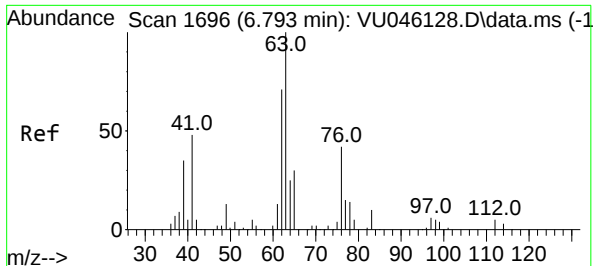


#27
 1,2-Dichloroethane
 Concen: 0.481 ug/L
 RT: 5.729 min Scan# 1365
 Delta R.T. -0.070 min
 Lab File: VU046200.D
 Acq: 09 Dec 2021 00:49

Tgt Ion: 62 Resp: 1136

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#





#37

1,2-Dichloropropane

Concen: 5.081 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU046200.D

Acq: 09 Dec 2021 00:49

Instrument :

MSVOA_U

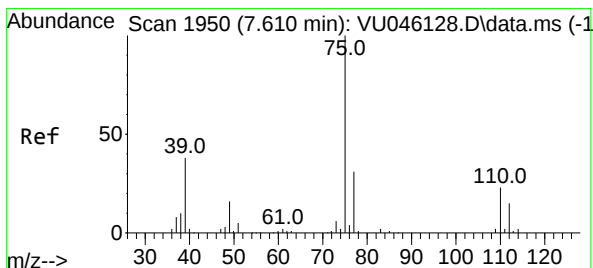
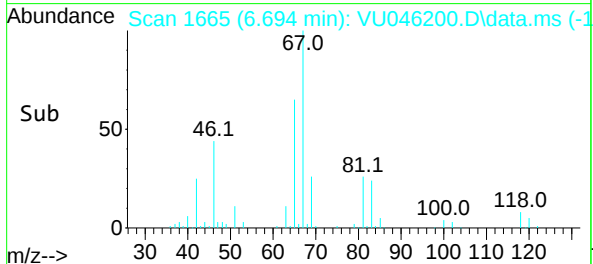
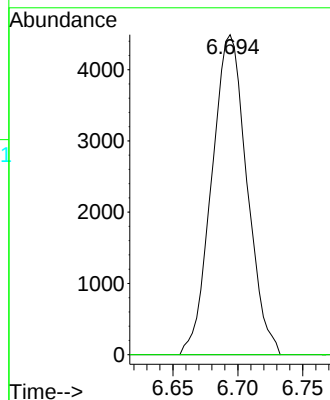
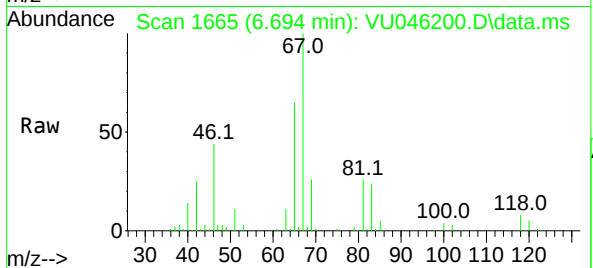
ClientSampleId :

Tgt Ion: 63 Resp: 8459

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.889 ug/L

RT: 7.569 min Scan# 1937

Delta R.T. -0.041 min

Lab File: VU046200.D

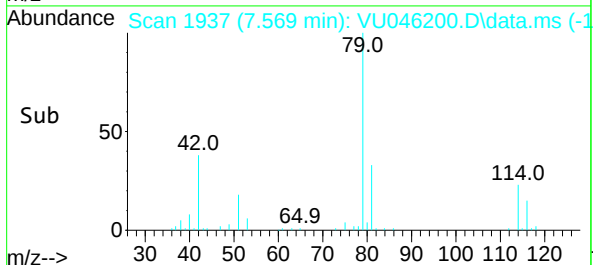
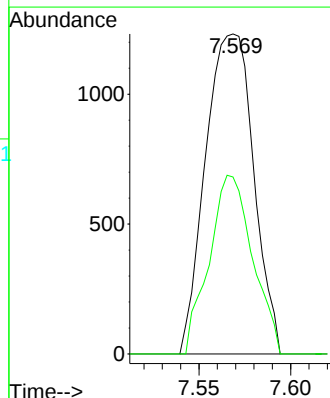
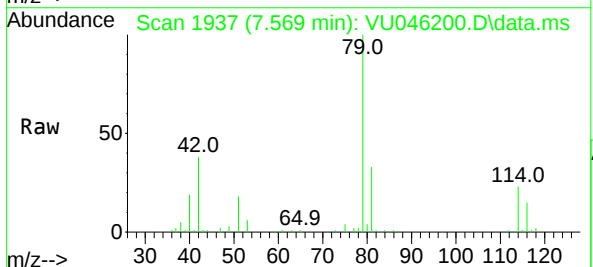
Acq: 09 Dec 2021 00:49

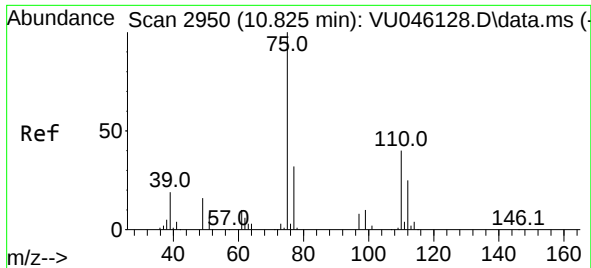
Tgt Ion: 75 Resp: 2251

Ion Ratio Lower Upper

75 100

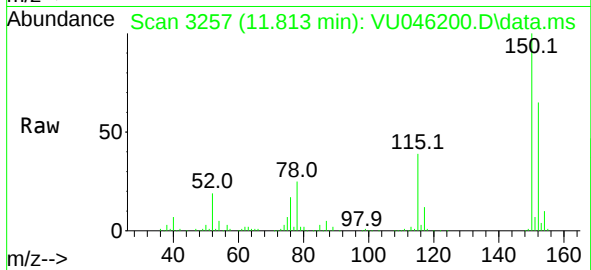
77 55.3 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 4.832 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046200.D
 Acq: 09 Dec 2021 00:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.2	26.4	39.6
110	2.6	32.4	48.6#

