

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046199.D
 Acq On : 09 Dec 2021 00:27
 Operator : SY/MD
 Sample : M4982-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 04:37:18 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)

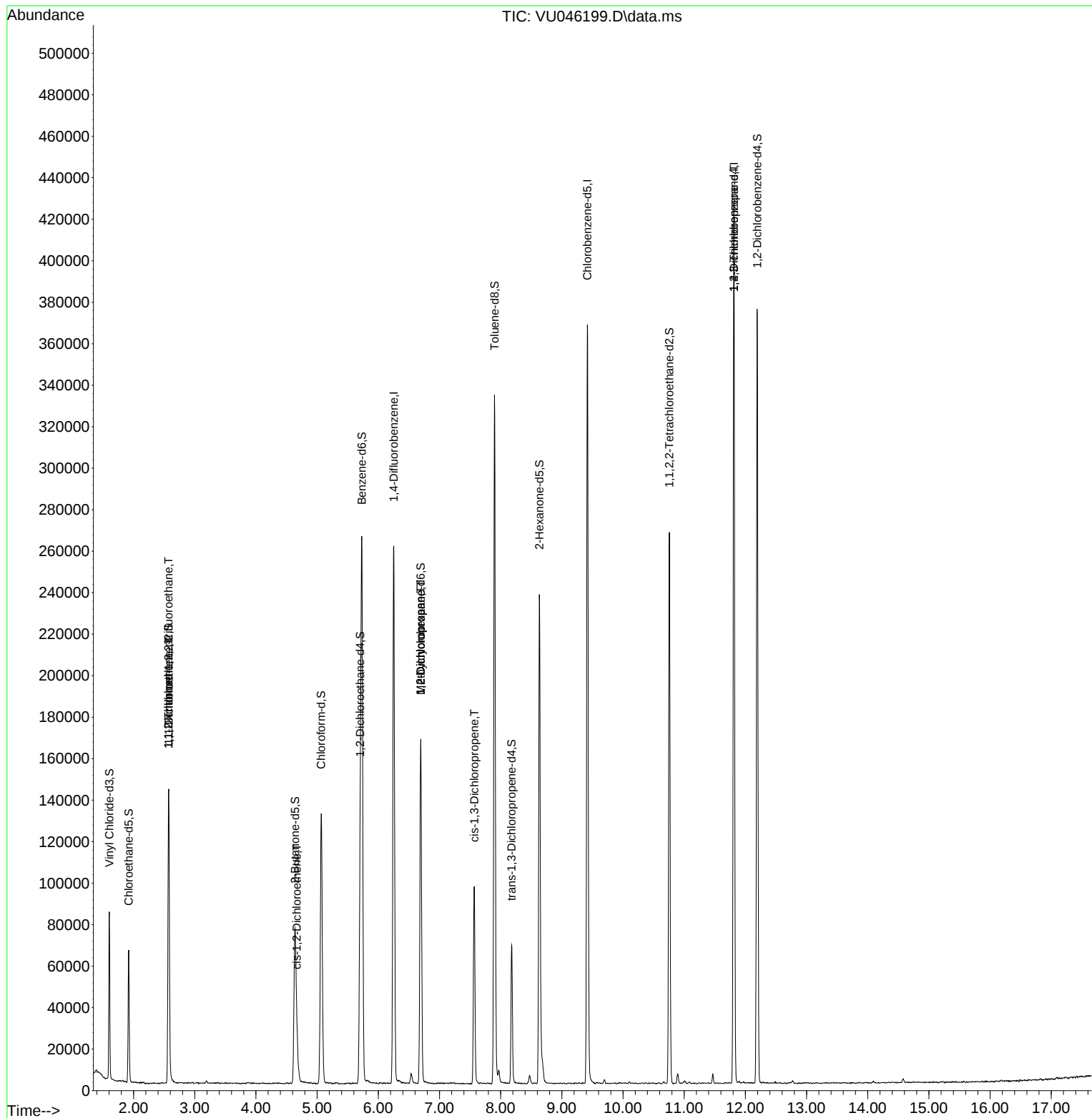
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	219995	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	214611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	115125	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56292	31.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.120%
7) Chloroethane-d5	1.919	69	45738	32.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.740%#
11) 1,1-Dichloroethene-d2	2.572	63	83524	25.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.340%#
21) 2-Butanone-d5	4.639	46	126674	87.930	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.930%
24) Chloroform-d	5.067	84	123923	40.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.900%
26) 1,2-Dichloroethane-d4	5.703	65	82230	40.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.980%
32) Benzene-d6	5.732	84	253325	41.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.360%
36) 1,2-Dichloropropane-d6	6.694	67	80501	42.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.460%
41) Toluene-d8	7.899	98	226981	40.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.060%
43) trans-1,3-Dichloroprop...	8.179	79	39072	42.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.920%
47) 2-Hexanone-d5	8.633	63	88245	97.631	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	127868	44.229	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	100429	45.297	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	810	0.506	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	799	0.525	ug/L #	1
20) cis-1,2-Dichloroethene	4.668	96	4061	2.325	ug/L	91
35) Methylcyclohexane	6.694	83	19814	7.468	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	8636	5.075	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2523	0.975	ug/L #	69
60) 1,2,3-Trichloropropane	11.813	75	12807	5.075	ug/L #	66

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

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Response via : Initial Calibration





#10

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

Concen: 0.506 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046199.D

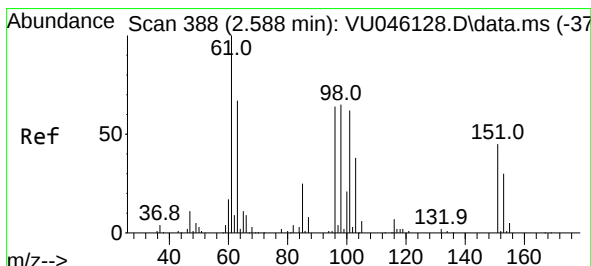
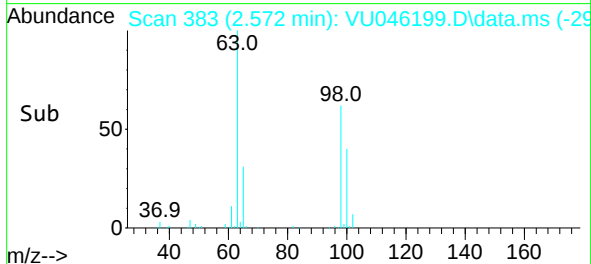
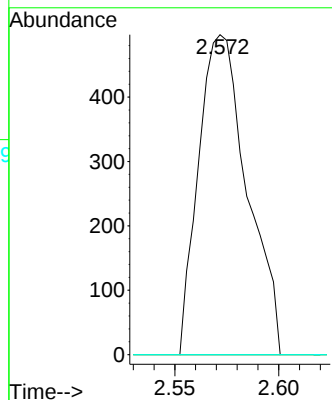
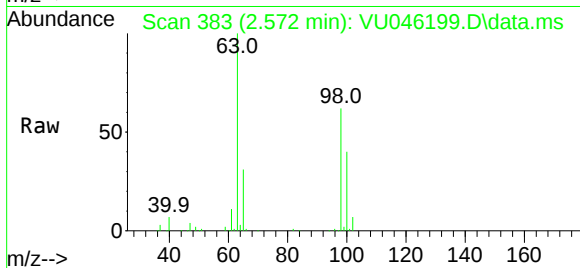
Acq: 09 Dec 2021 00:27

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: 0.525 ug/L

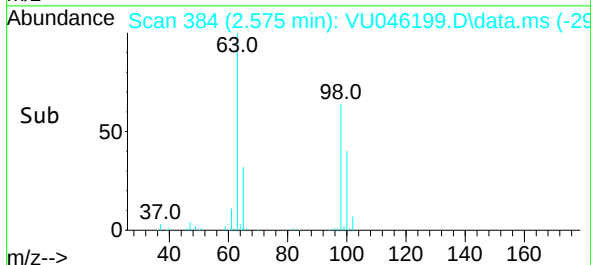
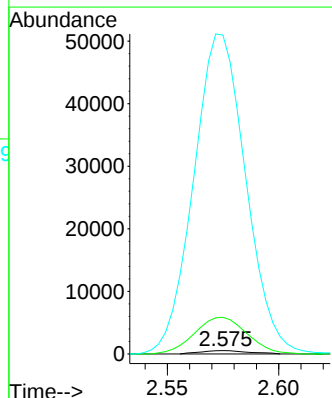
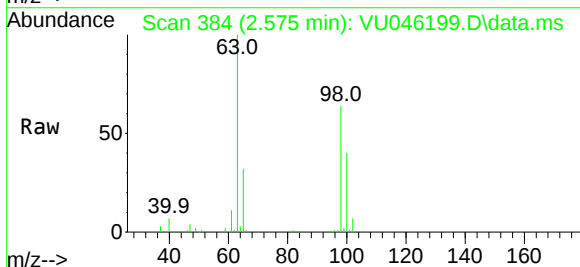
RT: 2.575 min Scan# 384

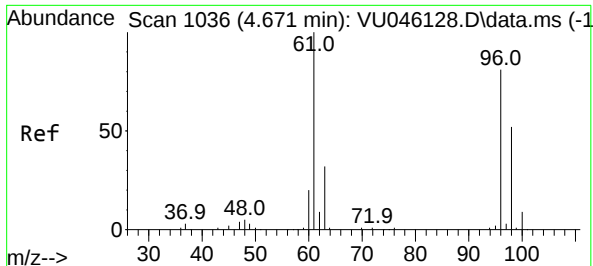
Delta R.T. -0.009 min

Lab File: VU046199.D

Acq: 09 Dec 2021 00:27

Tgt Ion: 96 Resp: 799
 Ion Ratio Lower Upper
 96 100
 61 1067.2 118.6 220.2#
 63 9302.2 93.0 172.8#



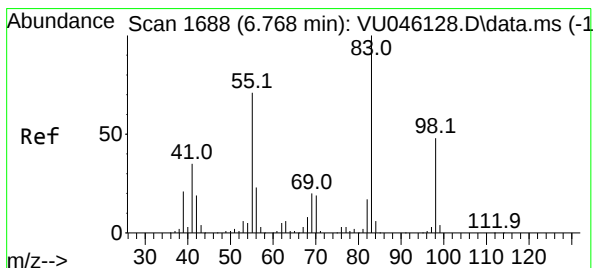
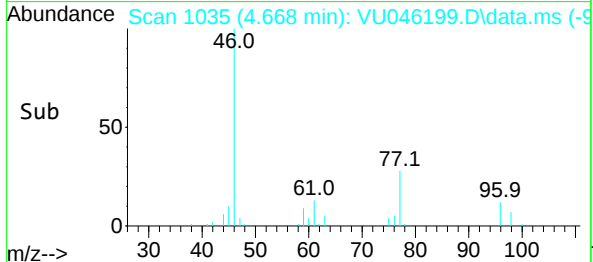
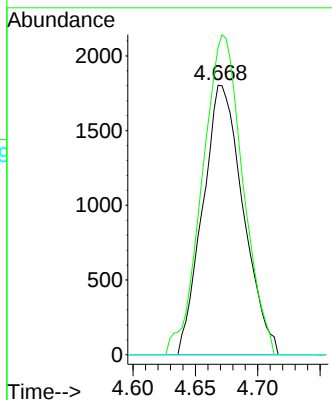
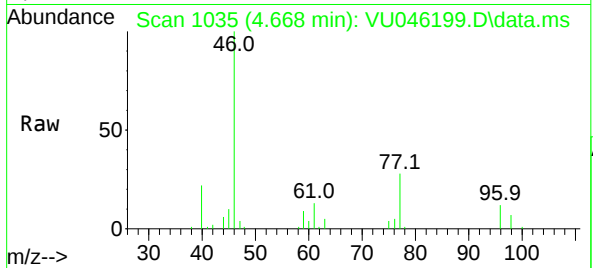


#20
 cis-1,2-Dichloroethene
 Concen: 2.325 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU046199.D
 Acq: 09 Dec 2021 00:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 4061

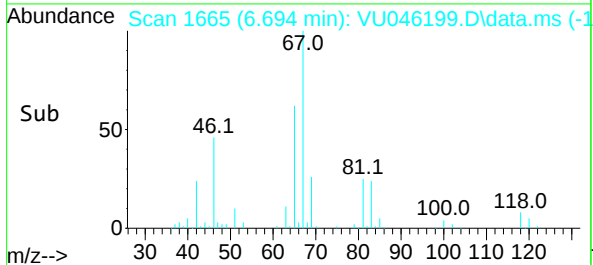
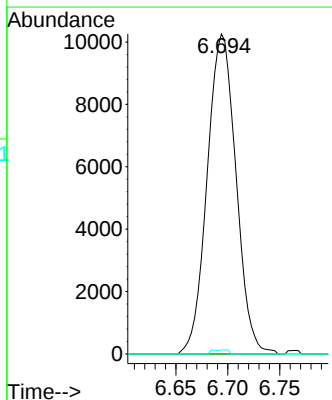
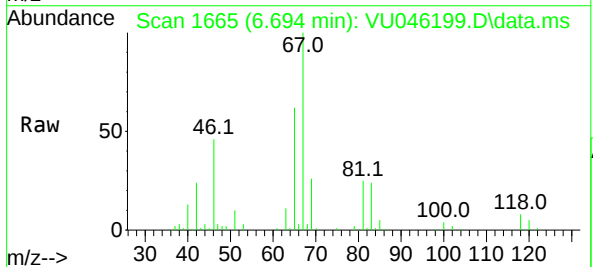
Ion	Ratio	Lower	Upper
96	100		
61	114.0	86.8	161.2
68	0.0	0.0	0.0

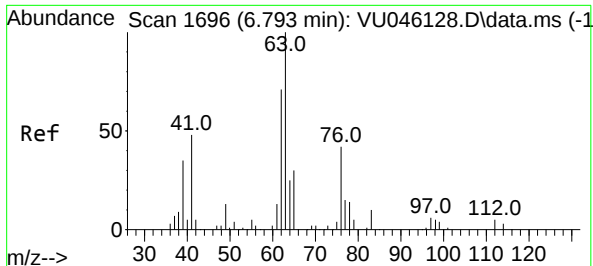


#35
 Methylcyclohexane
 Concen: 7.468 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU046199.D
 Acq: 09 Dec 2021 00:27

Tgt Ion: 83 Resp: 19814

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.3	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 5.075 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046199.D

Acq: 09 Dec 2021 00:27

Instrument :

MSVOA_U

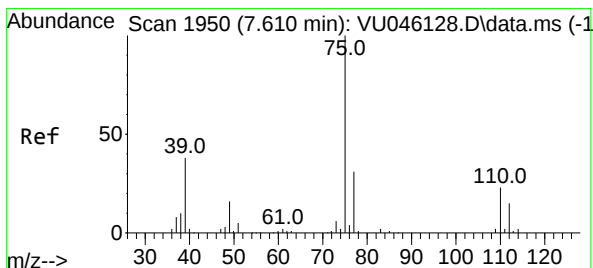
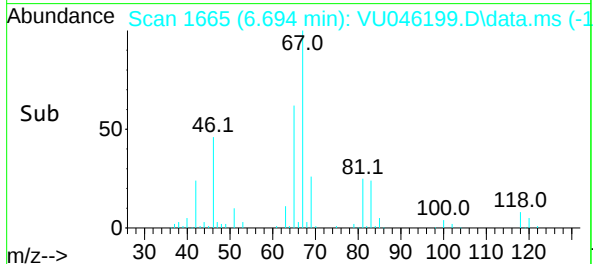
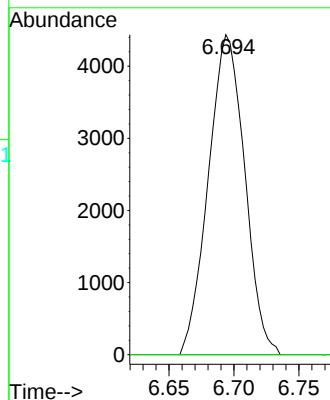
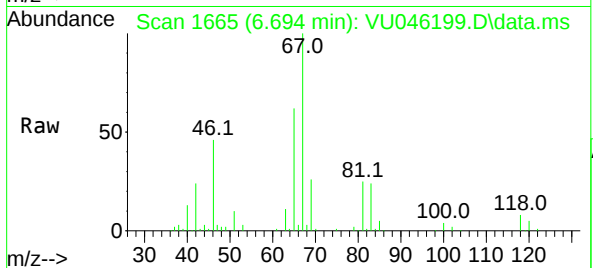
ClientSampleId :

Tgt Ion: 63 Resp: 8636

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.975 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046199.D

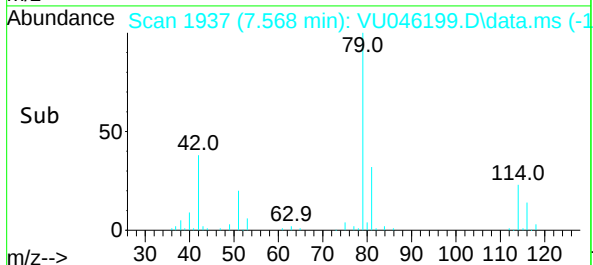
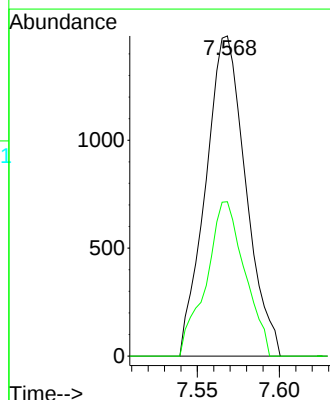
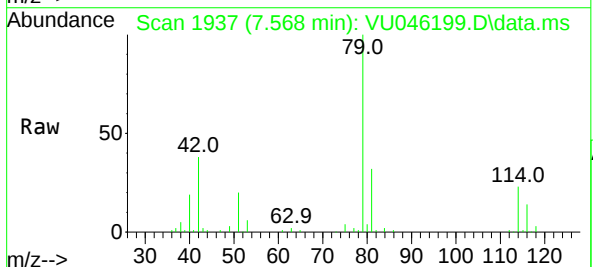
Acq: 09 Dec 2021 00:27

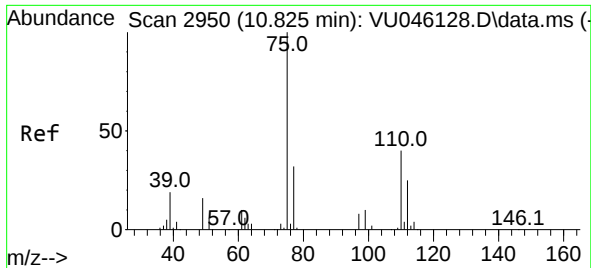
Tgt Ion: 75 Resp: 2523

Ion Ratio Lower Upper

75 100

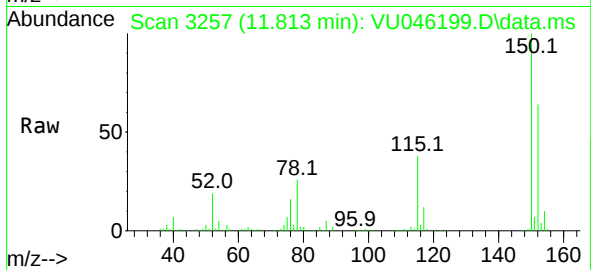
77 48.2 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.075 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046199.D
 Acq: 09 Dec 2021 00:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	12807
Ion	Ratio	Lower Upper
75	100	
77	33.6	26.4 39.6
110	2.3	32.4 48.6#

