

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046166.D
 Acq On : 08 Dec 2021 11:28
 Operator : SY/MD
 Sample : M4942-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:19:04 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)

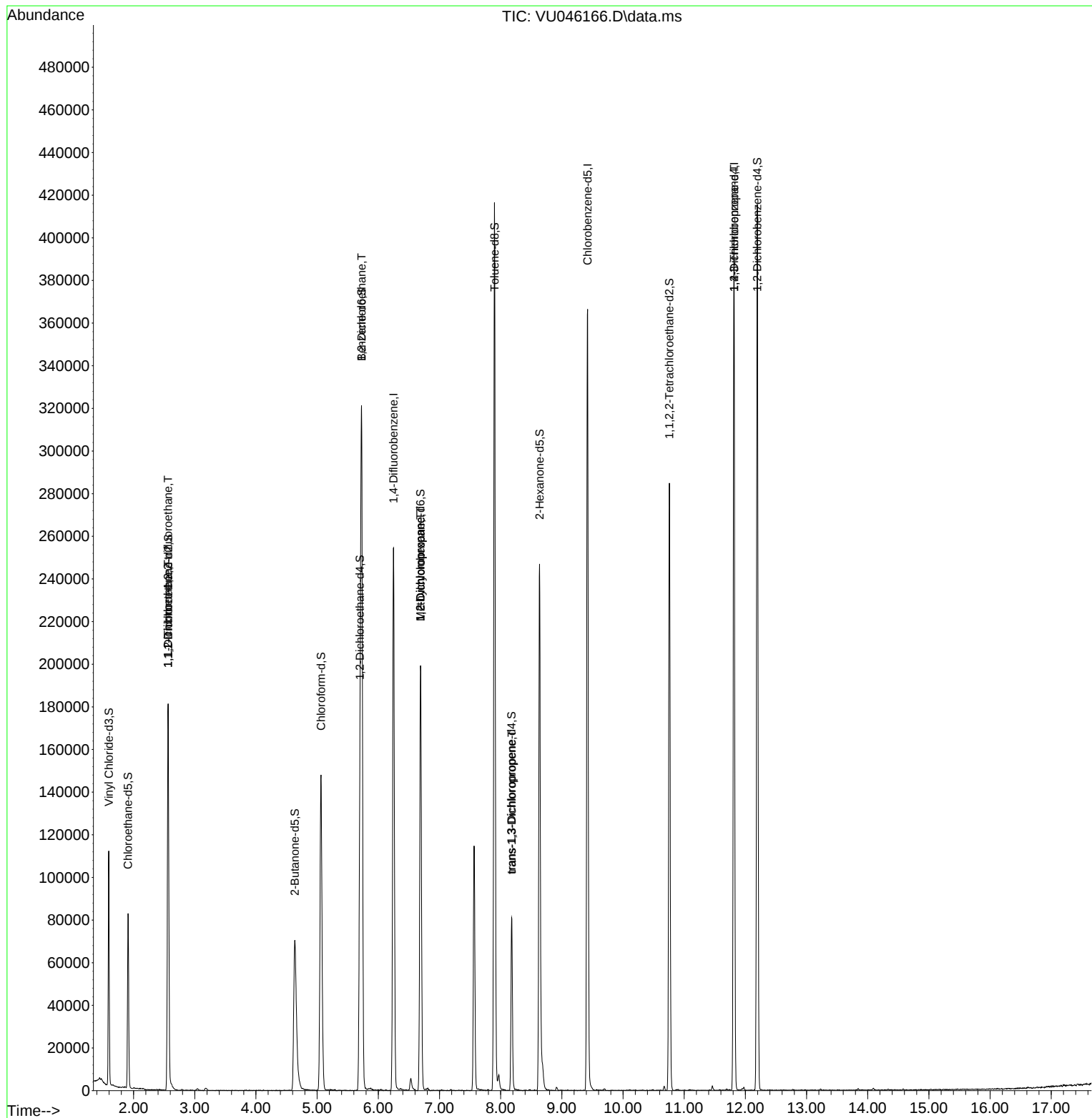
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	216634	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	210816	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	107444	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	78300	43.877	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.760%
7) Chloroethane-d5	1.909	69	61118	44.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.220%
11) 1,1-Dichloroethene-d2	2.565	63	108175	33.767	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.540%
21) 2-Butanone-d5	4.636	46	135660	95.629	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.630%
24) Chloroform-d	5.063	84	137870	46.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.520%
26) 1,2-Dichloroethane-d4	5.700	65	97943	48.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.940%
32) Benzene-d6	5.726	84	310926	51.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.920%
36) 1,2-Dichloropropane-d6	6.690	67	95777	51.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.300%
41) Toluene-d8	7.899	98	280688	51.020	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.040%
43) trans-1,3-Dichloroprop...	8.179	79	47474	52.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.040%
47) 2-Hexanone-d5	8.636	63	89865	101.213	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.210%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141651	49.879	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.760%
66) 1,2-Dichlorobenzene-d4	12.195	152	110683	53.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.980%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	777	0.493	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	767	0.512	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1546	0.651	ug/L #	73
35) Methylcyclohexane	6.690	83	23289	8.936	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10024	5.997	ug/L #	86
44) trans-1,3-Dichloropropene	8.182	75	1811	0.725	ug/L	94
60) 1,2,3-Trichloropropane	11.816	75	12072	5.126	ug/L #	66

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

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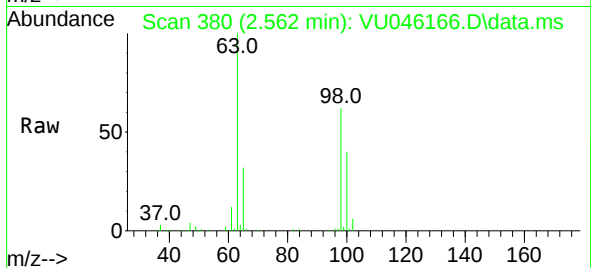
Quant Time: Dec 09 03:19:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
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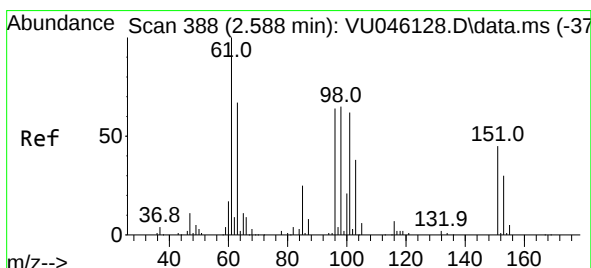
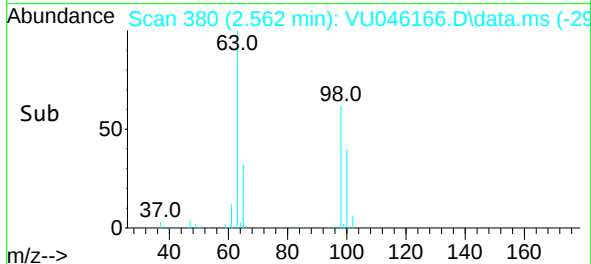
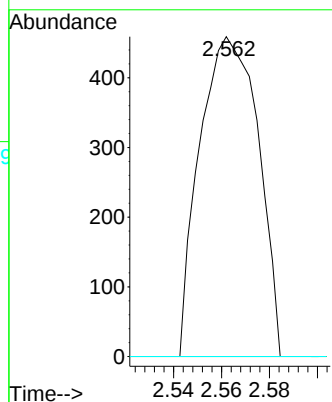


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.493 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.026 min
 Lab File: VU046166.D
 Acq: 08 Dec 2021 11:28

Instrument :
 MSVOA_U
 ClientSampleId :

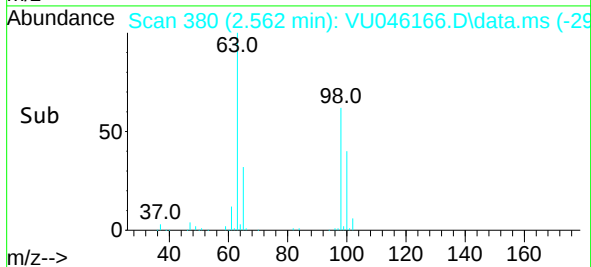
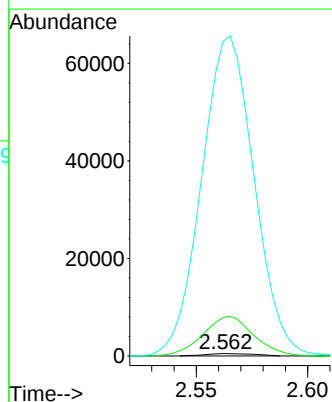
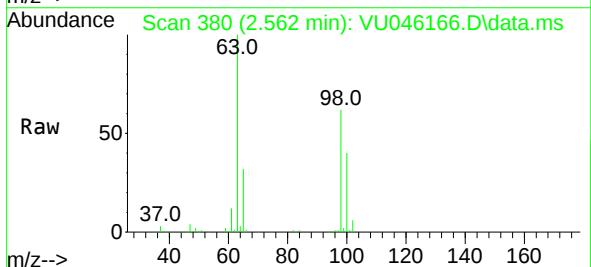


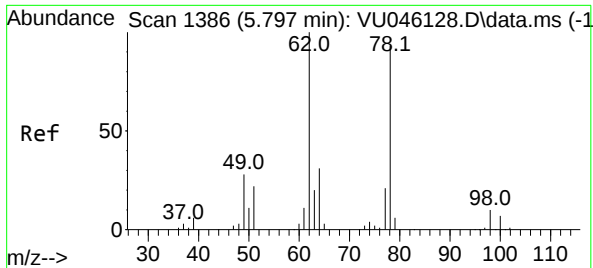
Tgt Ion:101 Resp: 777
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.512 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.022 min
 Lab File: VU046166.D
 Acq: 08 Dec 2021 11:28

Tgt Ion: 96 Resp: 767
 Ion Ratio Lower Upper
 96 100
 61 1598.0 118.6 220.2#
 63 13137.3 93.0 172.8#

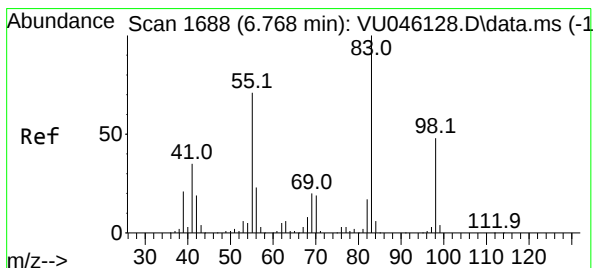
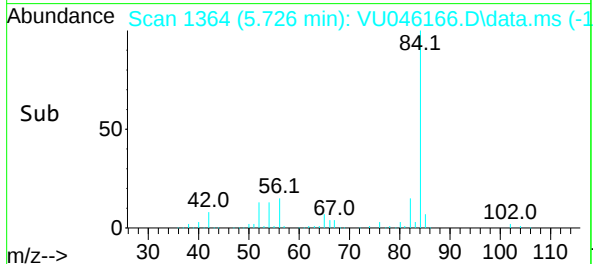
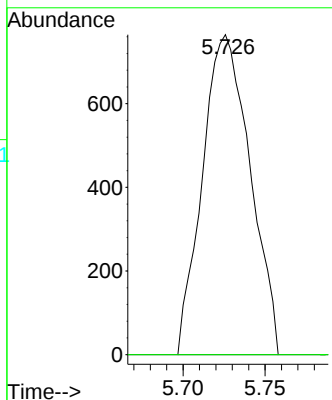
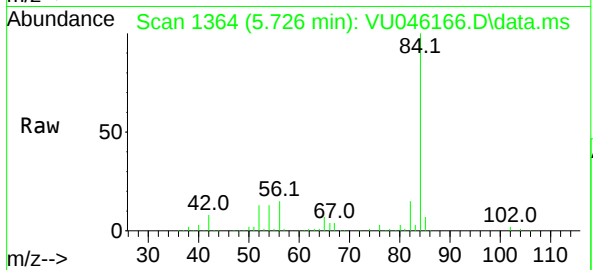




#27
 1,2-Dichloroethane
 Concen: 0.651 ug/L
 RT: 5.726 min Scan# 11
 Delta R.T. -0.074 min
 Lab File: VU046166.D
 Acq: 08 Dec 2021 11:28

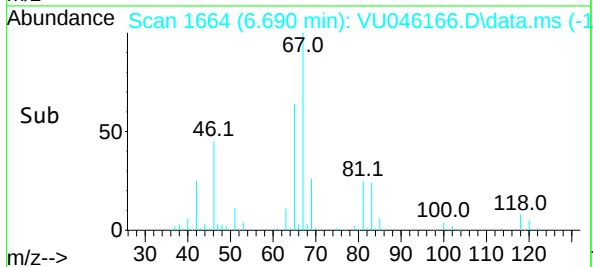
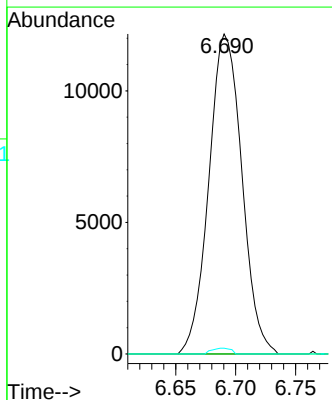
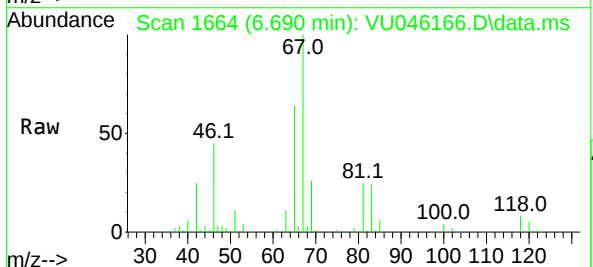
Instrument :
 MSVOA_U
 ClientSampleId :

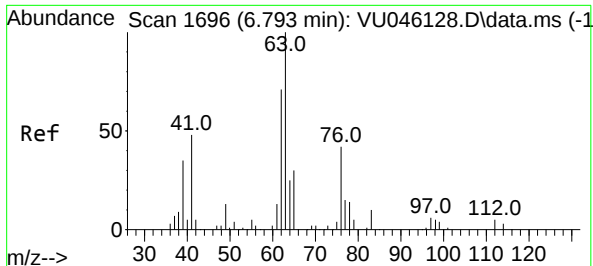
Tgt Ion: 62 Resp: 1546
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#



#35
 Methylcyclohexane
 Concen: 8.936 ug/L
 RT: 6.690 min Scan# 1664
 Delta R.T. -0.077 min
 Lab File: VU046166.D
 Acq: 08 Dec 2021 11:28

Tgt Ion: 83 Resp: 23289
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.8 86.6#
 98 1.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.997 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046166.D

Acq: 08 Dec 2021 11:28

Instrument :

MSVOA_U

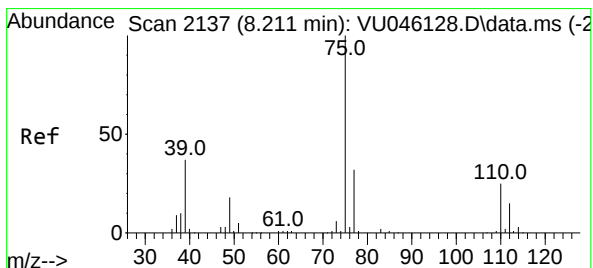
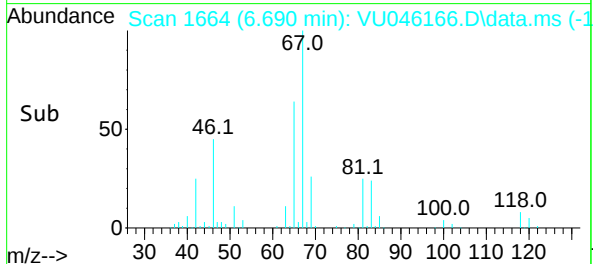
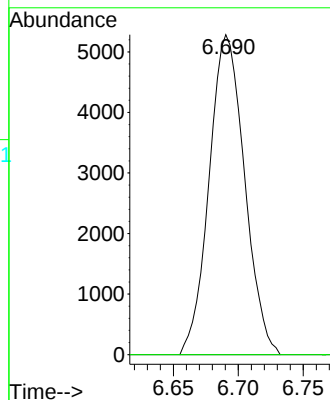
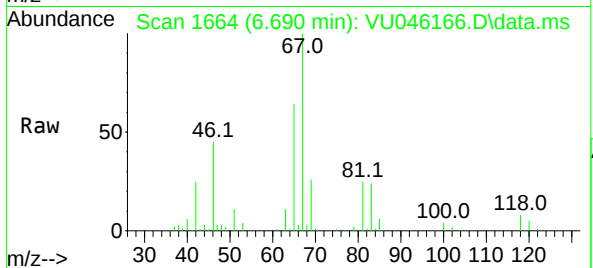
ClientSampleId :

Tgt Ion: 63 Resp: 10024

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046166.D

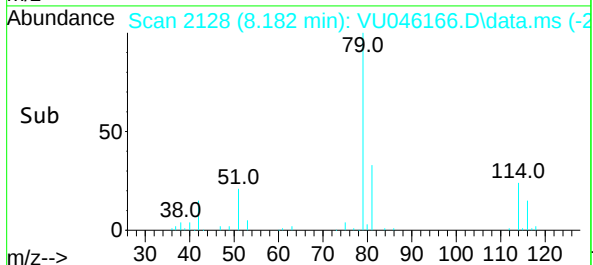
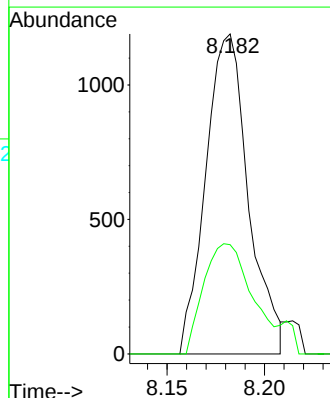
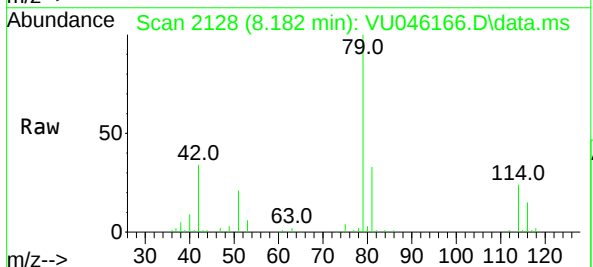
Acq: 08 Dec 2021 11:28

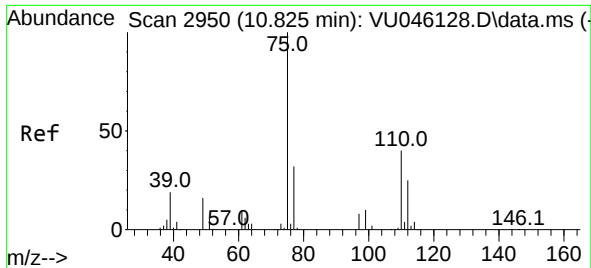
Tgt Ion: 75 Resp: 1811

Ion Ratio Lower Upper

75 100

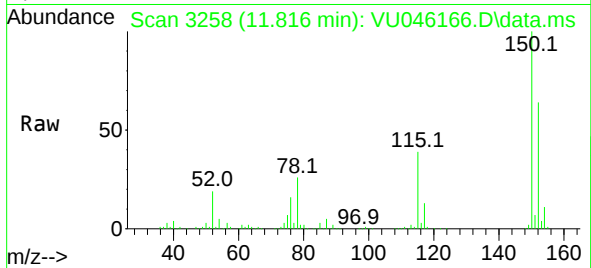
77 34.1 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 5.126 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046166.D
 Acq: 08 Dec 2021 11:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	12072
Ion	Ratio	Lower Upper
75	100	
77	32.4	26.4 39.6
110	2.5	32.4 48.6#

