

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046058.D
 Acq On : 02 Dec 2021 17:27
 Operator : SY/MD
 Sample : PB141128TB 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:12:54 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)

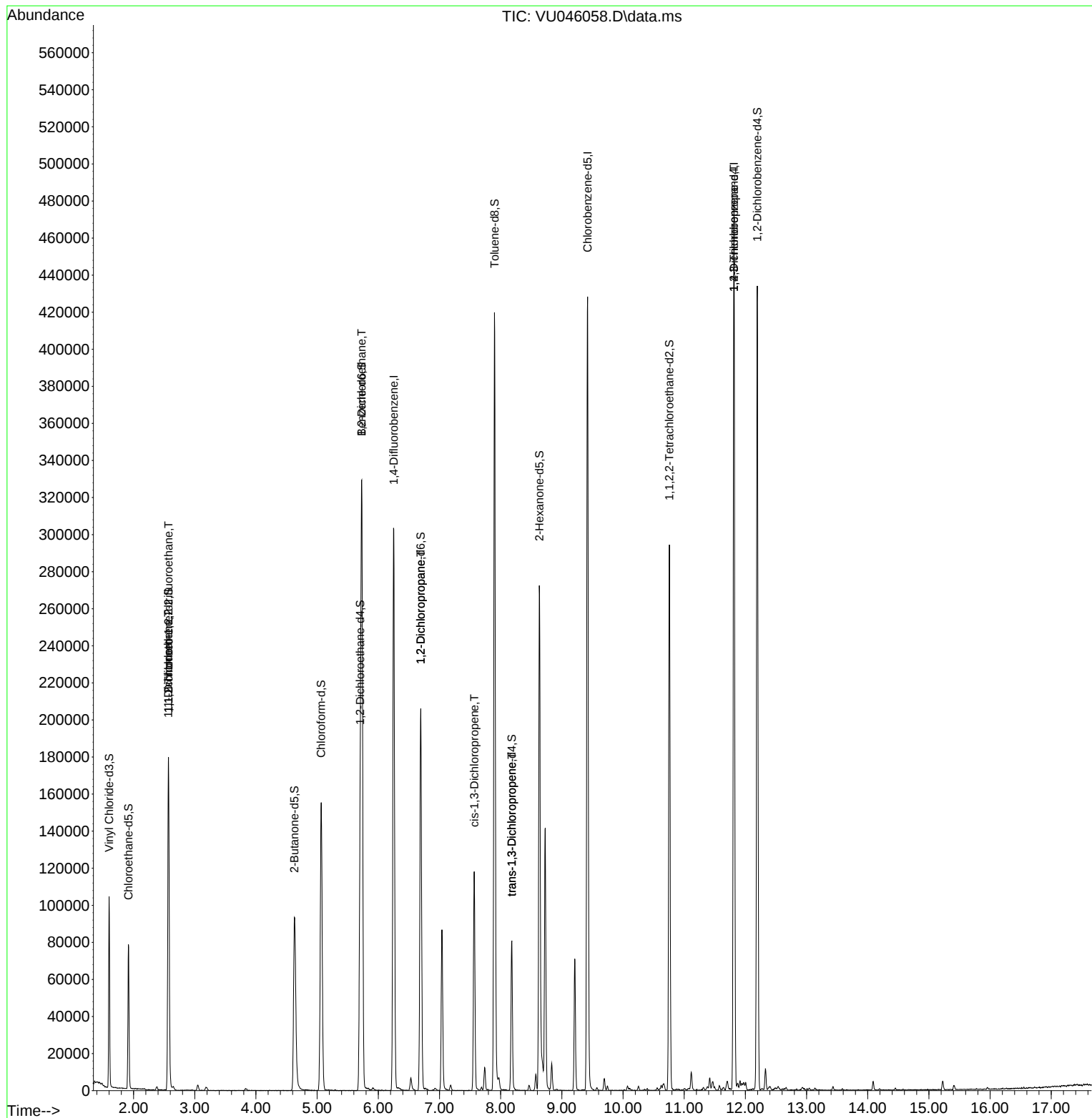
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	251160	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	247957	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	126724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	71175	34.402	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.800%
7) Chloroethane-d5	1.916	69	55398	34.874	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.740%#
11) 1,1-Dichloroethene-d2	2.572	63	106629	28.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.420%#
21) 2-Butanone-d5	4.629	46	142716	86.773	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.770%
24) Chloroform-d	5.067	84	144865	41.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.860%
26) 1,2-Dichloroethane-d4	5.703	65	99198	42.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.560%
32) Benzene-d6	5.729	84	311465	43.826	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.660%
36) 1,2-Dichloropropane-d6	6.694	67	98626	44.778	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	7.899	98	282632	43.678	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	8.182	79	45686	42.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.940%
47) 2-Hexanone-d5	8.632	63	98848	94.654	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.650%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	143451	42.946	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.900%
66) 1,2-Dichlorobenzene-d4	12.195	152	112967	46.289	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.580%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1007	0.551	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	806	0.464	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1730	0.628	ug/L #	73
37) 1,2-Dichloropropane	6.694	63	10915	5.552	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2814	0.941	ug/L #	70
44) trans-1,3-Dichloropropene	8.182	75	1969	0.670	ug/L	93
60) 1,2,3-Trichloropropane	11.812	75	15336	5.521	ug/L #	66

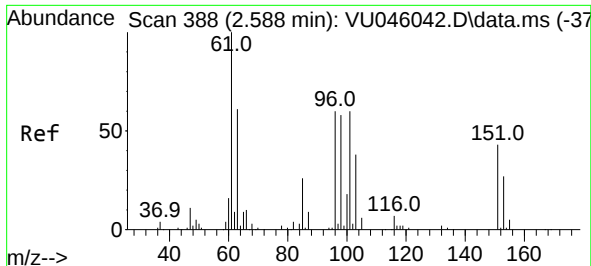
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

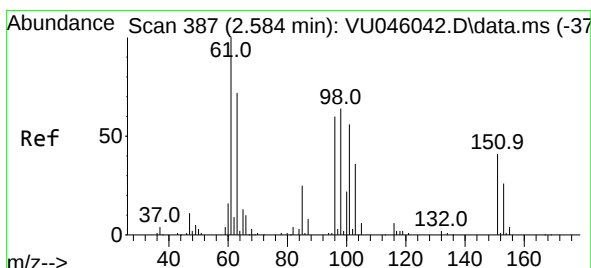
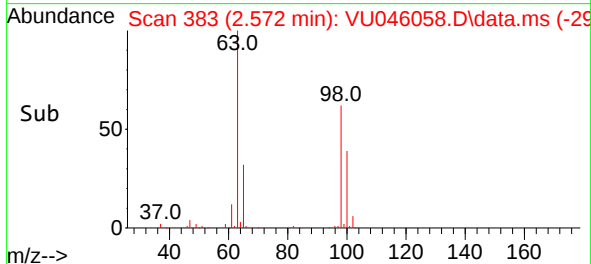
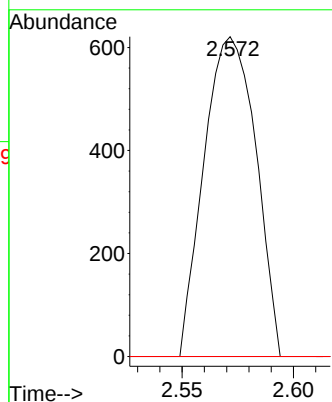
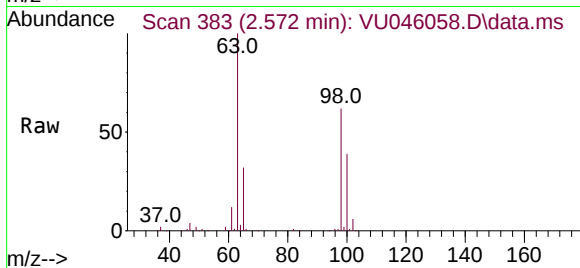




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.551 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU046058.D
Acq: 02 Dec 2021 17:27

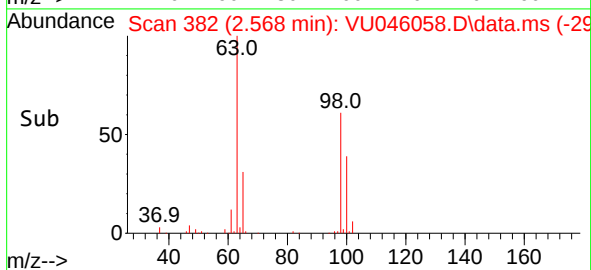
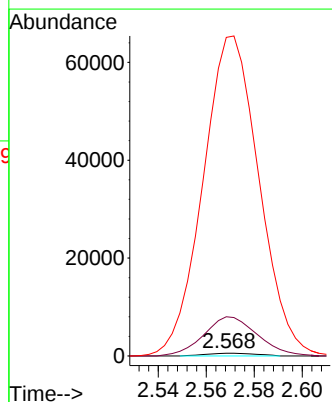
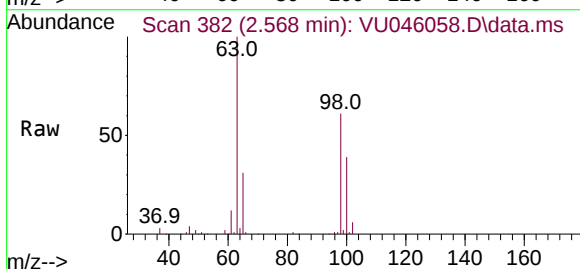
Instrument :
MSVOA_U
ClientSampleId :

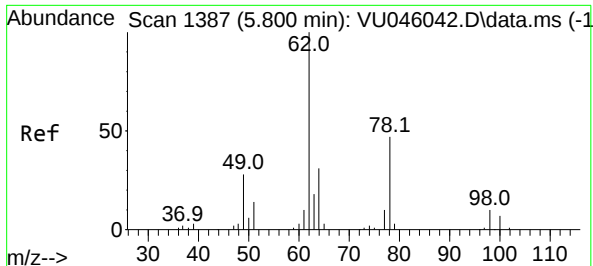
Tgt Ion:101 Resp: 1007
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.464 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046058.D
Acq: 02 Dec 2021 17:27

Tgt Ion: 96 Resp: 806
Ion Ratio Lower Upper
96 100
61 1476.8 118.6 220.2#
63 11988.2 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.628 ug/L

RT: 5.726 min Scan# 11

Delta R.T. -0.074 min

Lab File: VU046058.D

Acq: 02 Dec 2021 17:27

Instrument :

MSVOA_U

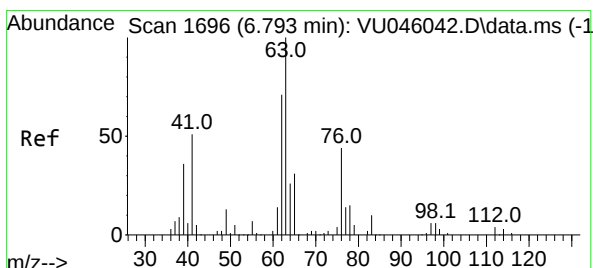
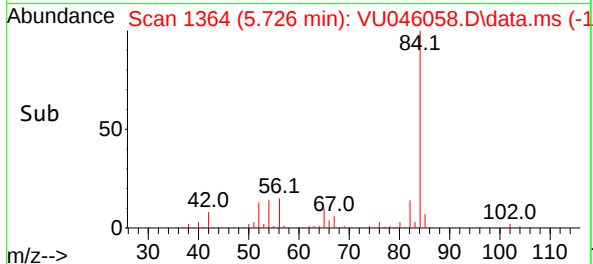
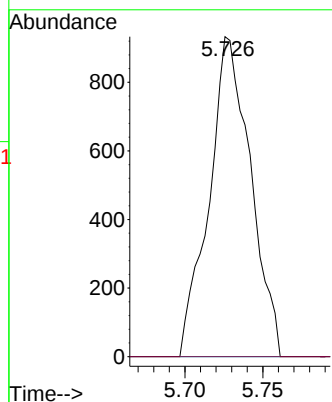
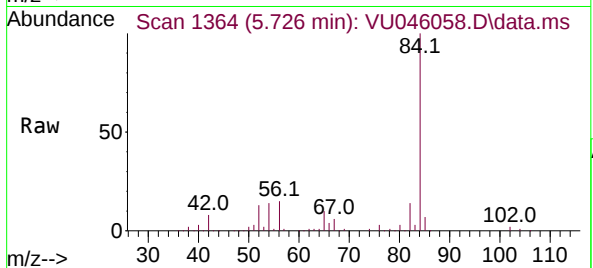
ClientSampleId :

Tgt Ion: 62 Resp: 1730

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#37

1,2-Dichloropropane

Concen: 5.552 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046058.D

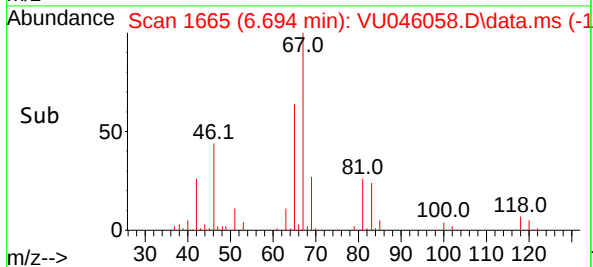
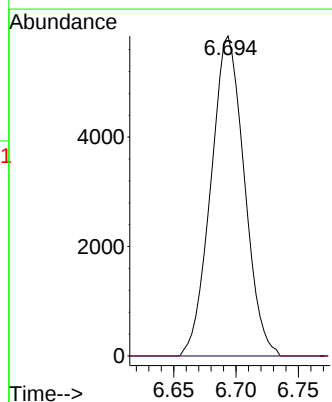
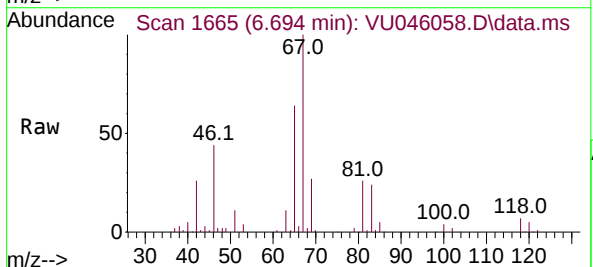
Acq: 02 Dec 2021 17:27

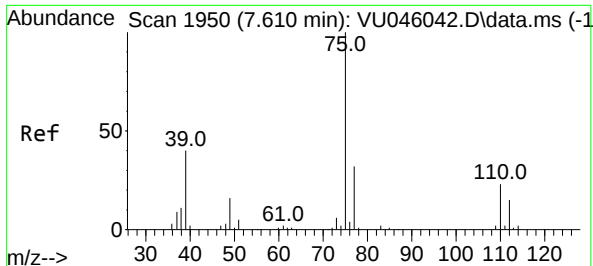
Tgt Ion: 63 Resp: 10915

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.941 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046058.D

Acq: 02 Dec 2021 17:27

Instrument :

MSVOA_U

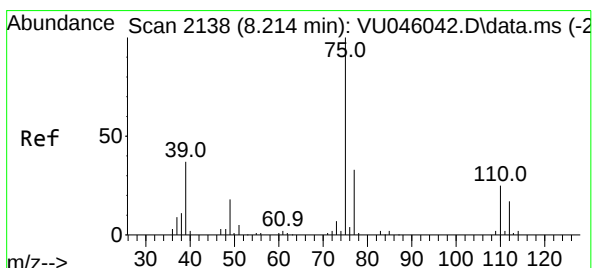
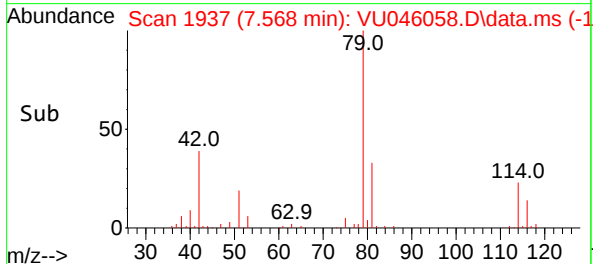
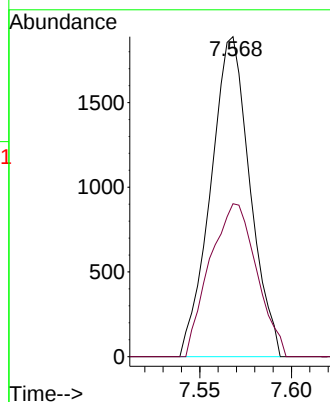
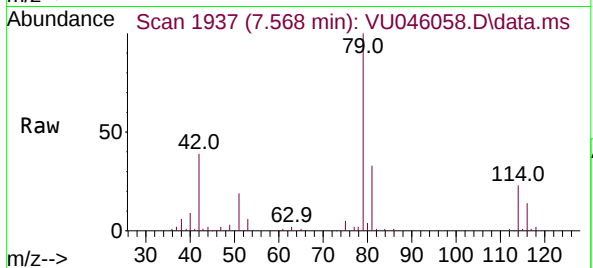
ClientSampleId :

Tgt Ion: 75 Resp: 2814

Ion Ratio Lower Upper

75 100

77 47.8 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.670 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046058.D

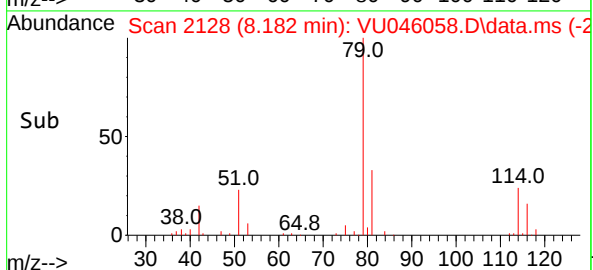
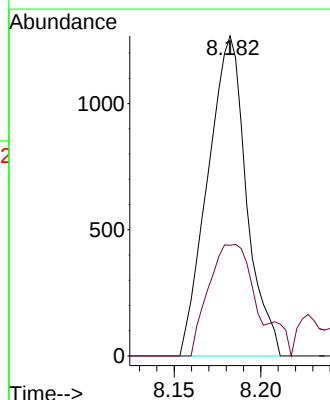
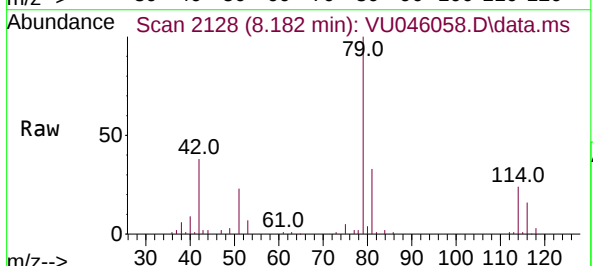
Acq: 02 Dec 2021 17:27

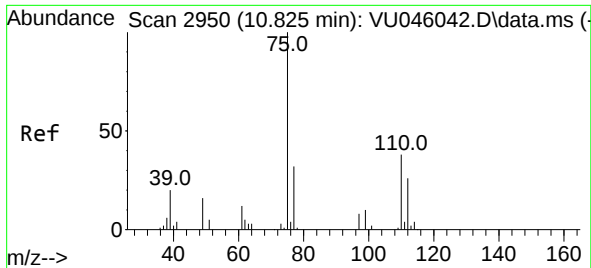
Tgt Ion: 75 Resp: 1969

Ion Ratio Lower Upper

75 100

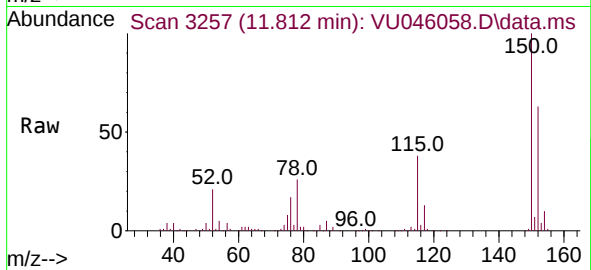
77 34.6 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 5.521 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046058.D
 Acq: 02 Dec 2021 17:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 15336
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.4 39.6
 110 2.4 32.4 48.6#

