

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046284.D
 Acq On : 11 Dec 2021 14:20
 Operator : SY/MD
 Sample : M4982-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:38:31 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)

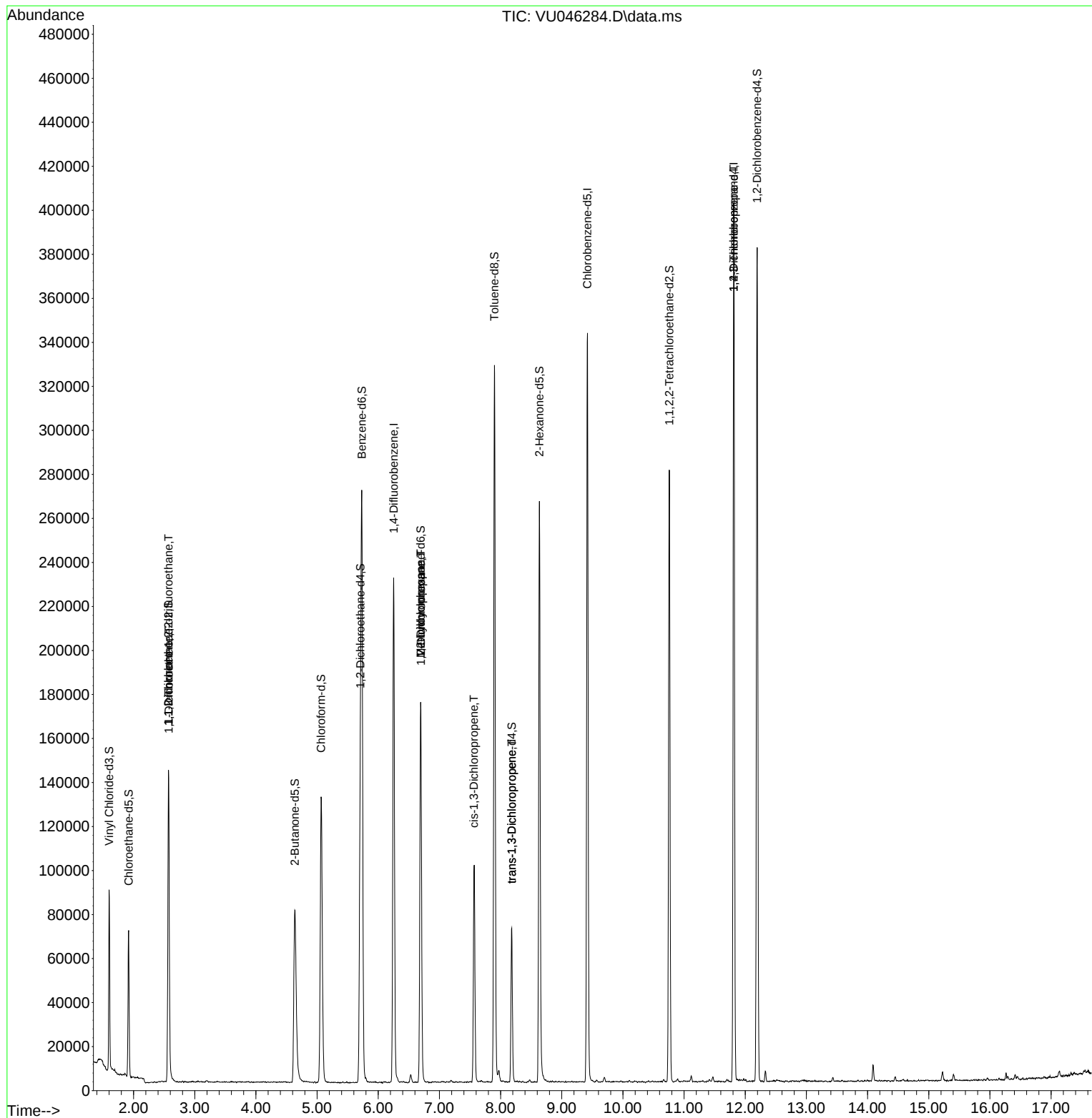
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	191354	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	192171	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	106043	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57662	36.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.160%
7) Chloroethane-d5	1.919	69	48320	39.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.860%
11) 1,1-Dichloroethene-d2	2.571	63	83424	29.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.960%#
21) 2-Butanone-d5	4.636	46	133957	106.904	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.900%
24) Chloroform-d	5.067	84	123688	46.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
26) 1,2-Dichloroethane-d4	5.706	65	85691	48.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.020%
32) Benzene-d6	5.732	84	254992	46.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.693	67	84172	49.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.620%
41) Toluene-d8	7.899	98	221066	44.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.160%
43) trans-1,3-Dichloroprop...	8.182	79	40666	49.350	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.700%
47) 2-Hexanone-d5	8.636	63	97347	120.277	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	138713	53.583	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	98936	48.446	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.900%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	783	0.562	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	939	0.710	ug/L #	1
35) Methylcyclohexane	6.693	83	20076	8.450	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	9118	5.984	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2249	0.970	ug/L #	60
44) trans-1,3-Dichloropropene	8.182	75	1730	0.760	ug/L #	62
60) 1,2,3-Trichloropropane	11.812	75	12448	5.355	ug/L #	65

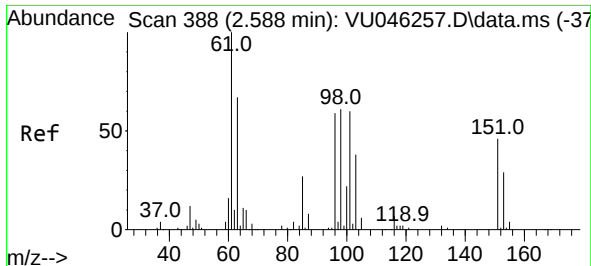
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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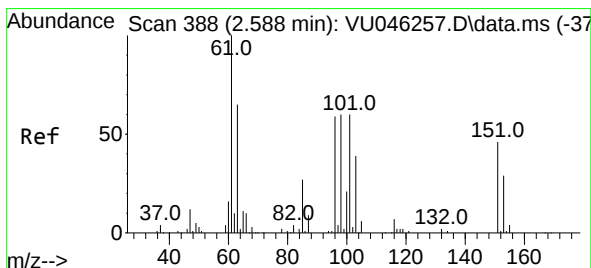
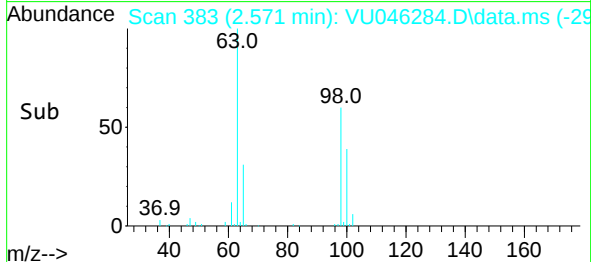
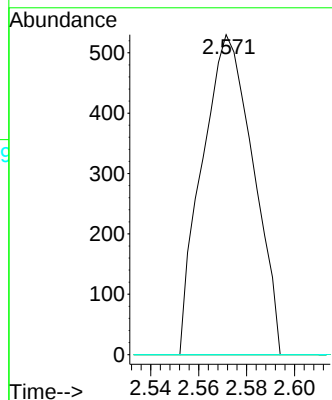
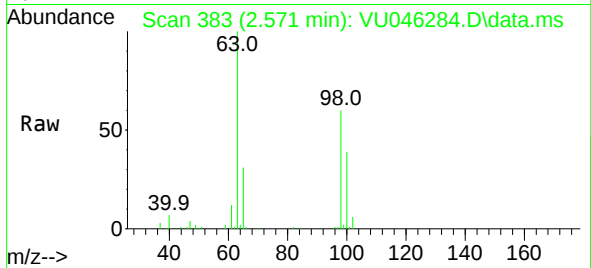




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.562 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046284.D
 Acq: 11 Dec 2021 14:20

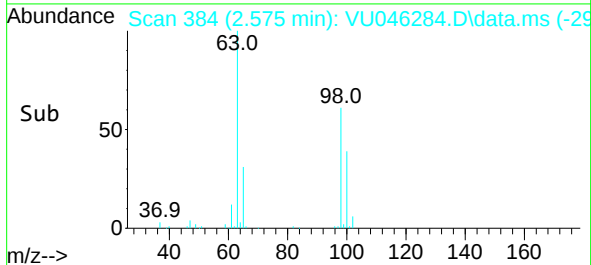
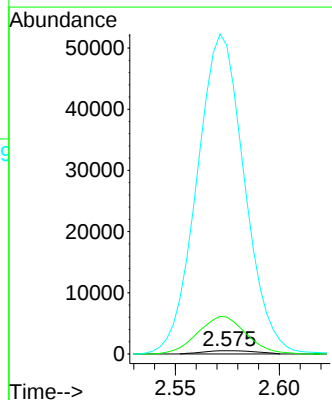
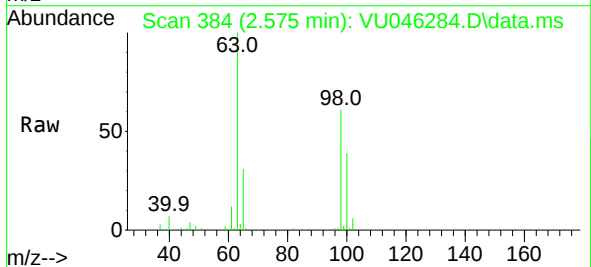
Instrument :
 MSVOA_U
 ClientSampleId :

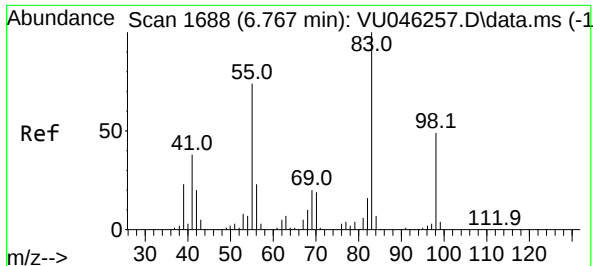
Tgt Ion:101 Resp: 783
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.710 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046284.D
 Acq: 11 Dec 2021 14:20

Tgt Ion: 96 Resp: 939
 Ion Ratio Lower Upper
 96 100
 61 1141.8 118.6 220.2#
 63 9535.0 93.0 172.8#

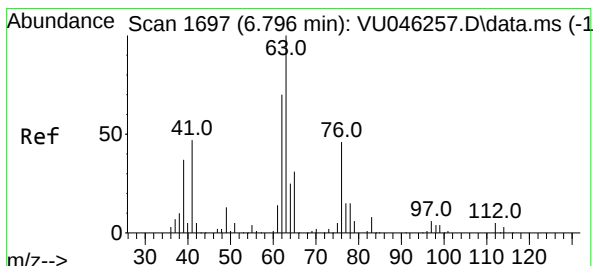
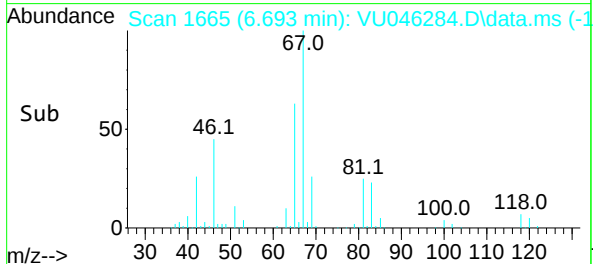
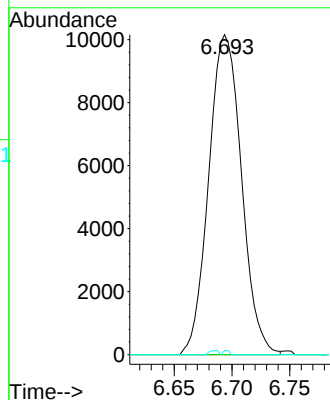
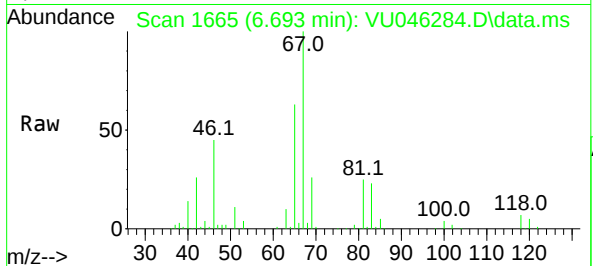




#35
Methylcyclohexane
Concen: 8.450 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046284.D
Acq: 11 Dec 2021 14:20

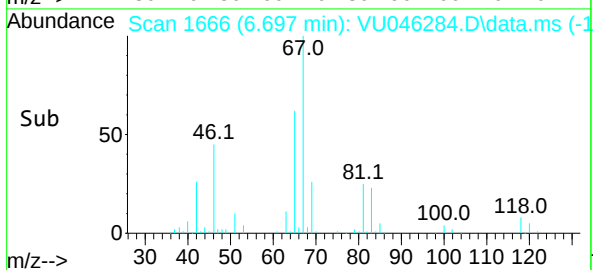
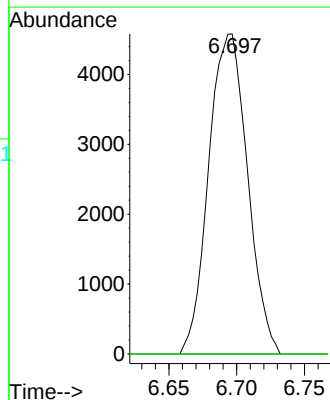
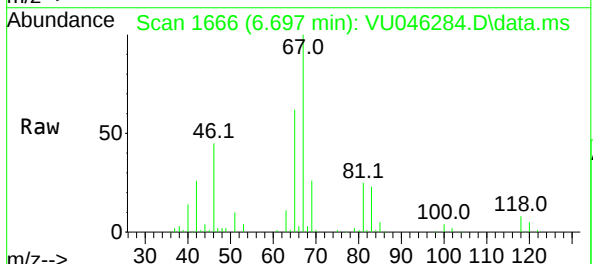
Instrument :
MSVOA_U
ClientSampleId :

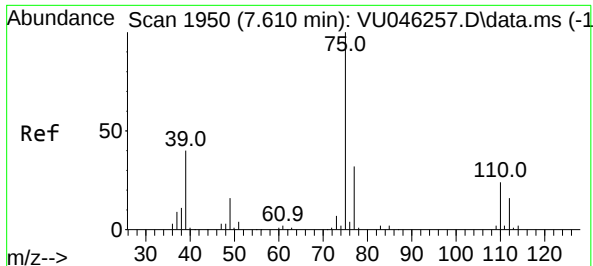
Tgt Ion: 83 Resp: 20076
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.3 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 5.984 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.097 min
Lab File: VU046284.D
Acq: 11 Dec 2021 14:20

Tgt Ion: 63 Resp: 9118
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.970 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046284.D

Acq: 11 Dec 2021 14:20

Instrument :

MSVOA_U

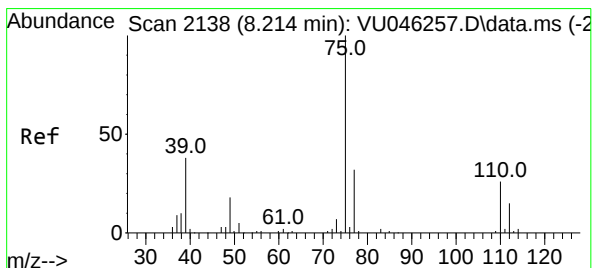
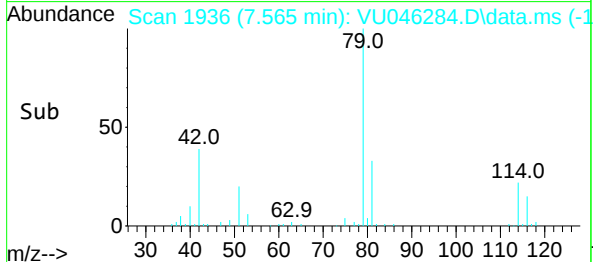
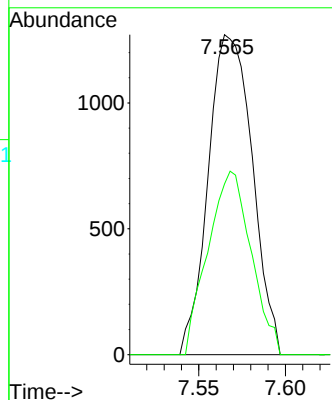
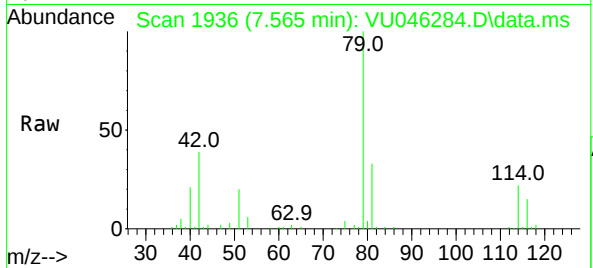
ClientSampleId :

Tgt Ion: 75 Resp: 2249

Ion Ratio Lower Upper

75 100

77 53.3 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.760 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046284.D

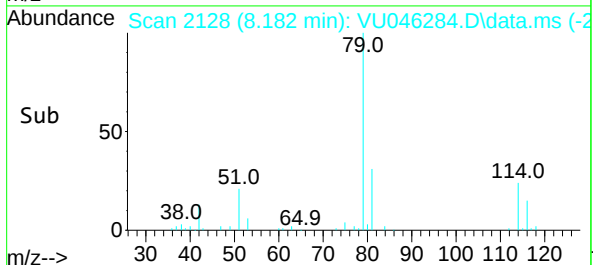
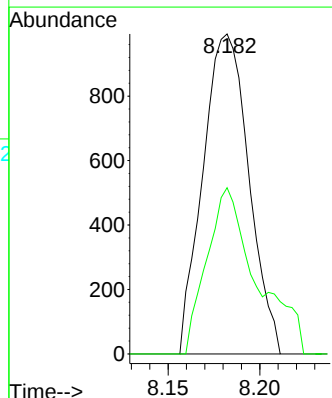
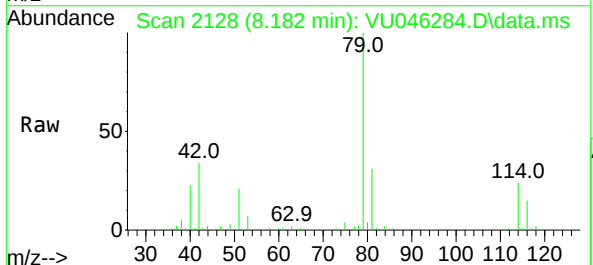
Acq: 11 Dec 2021 14:20

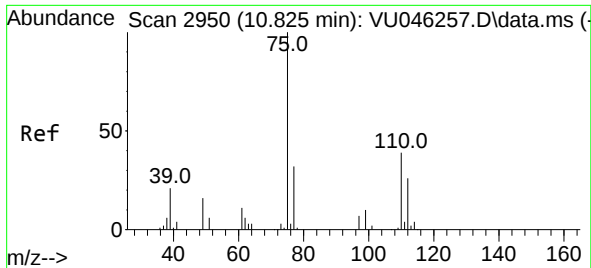
Tgt Ion: 75 Resp: 1730

Ion Ratio Lower Upper

75 100

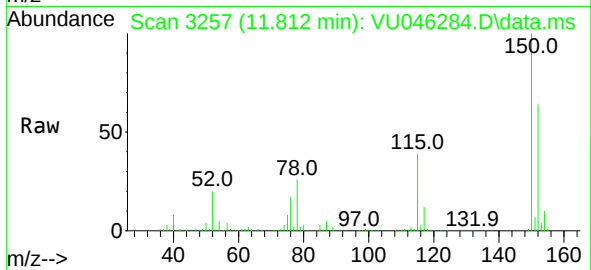
77 52.0 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.355 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046284.D
 Acq: 11 Dec 2021 14:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	12448
Ion	Ratio	Lower Upper
75	100	
77	33.1	26.4 39.6
110	1.1	32.4 48.6#

