

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046264.D
 Acq On : 10 Dec 2021 14:25
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 22:24:30 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

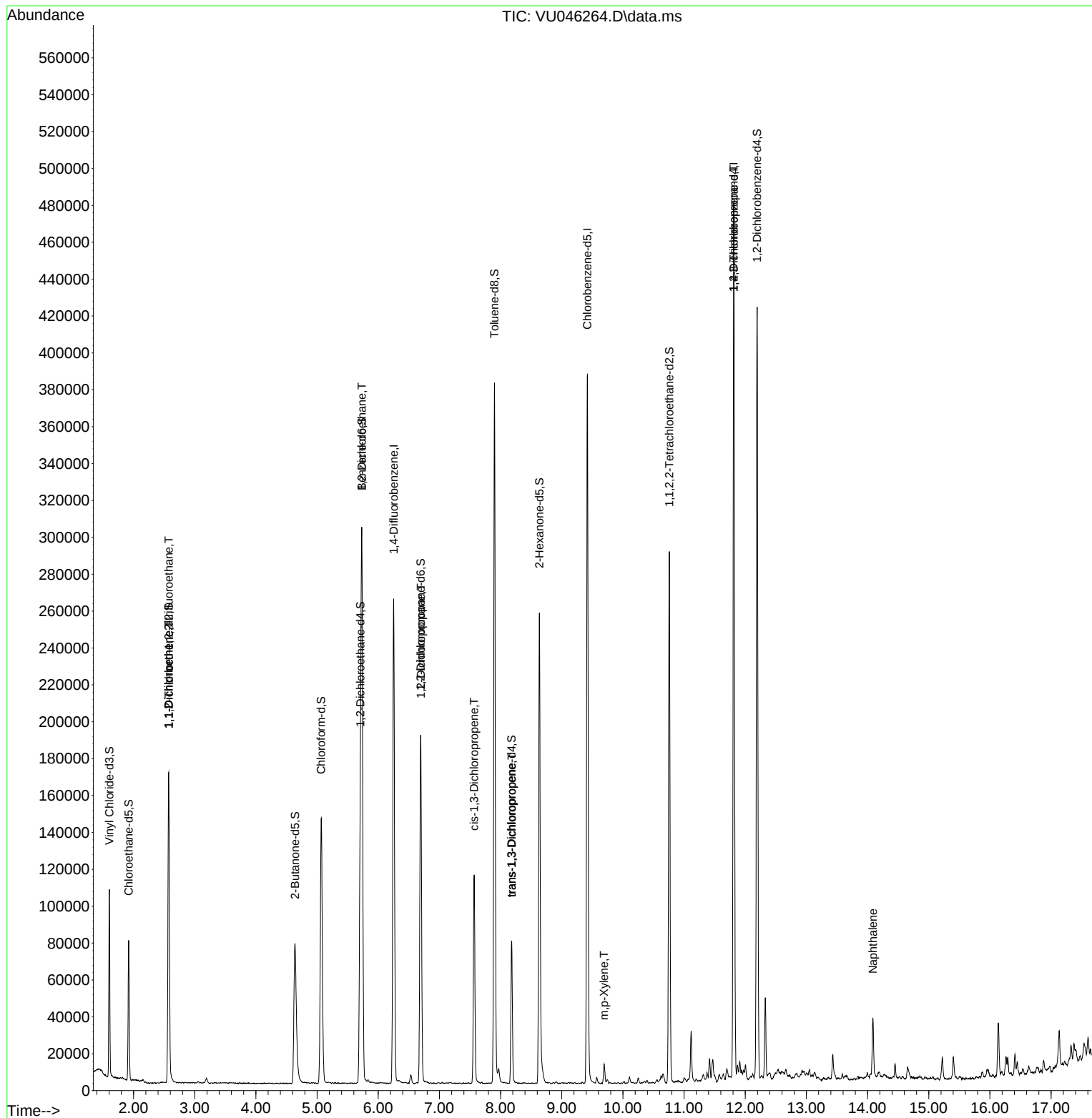
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	217796	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	225562	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	70578	39.339	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.680%	
7) Chloroethane-d5	1.919	69	55351	40.183	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	80.360%	
11) 1,1-Dichloroethene-d2	2.575	63	101050	31.375	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.740%	
21) 2-Butanone-d5	4.639	46	129953	91.117	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.120%	
24) Chloroform-d	5.067	84	133811	44.663	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.320%	
26) 1,2-Dichloroethane-d4	5.706	65	92139	45.825	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.640%	
32) Benzene-d6	5.732	84	288348	44.601	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	6.693	67	91242	45.539	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.080%	
41) Toluene-d8	7.899	98	254916	43.306	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.620%	
43) trans-1,3-Dichloroprop...	8.179	79	46072	47.634	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.260%	
47) 2-Hexanone-d5	8.636	63	93280	98.191	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	98.190%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141287	46.498	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	109777	45.326	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.660%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	865	0.546	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	816	0.542	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1375	0.576	ug/L #	73
37) 1,2-Dichloropropane	6.697	63	9941	5.559	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2613	0.960	ug/L #	49
44) trans-1,3-Dichloropropene	8.182	75	1867	0.699	ug/L #	72
53) m,p-Xylene	9.693	106	3196	1.040	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	14678	5.324	ug/L #	64
71) Naphthalene	14.085	128	26352	3.013	ug/L	97

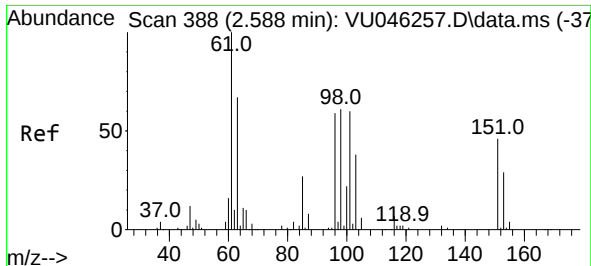
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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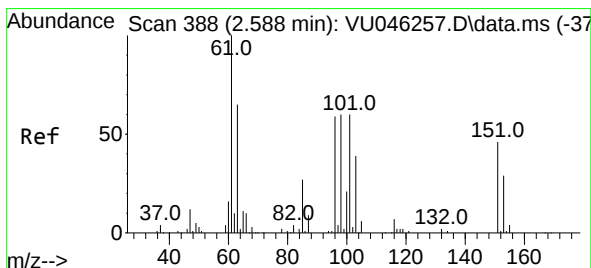
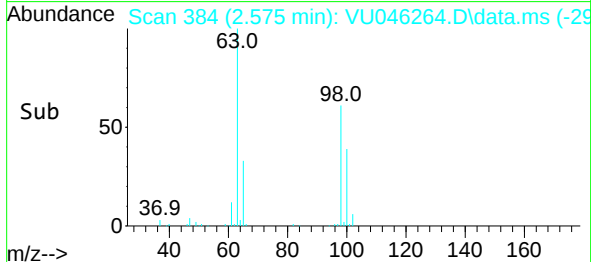
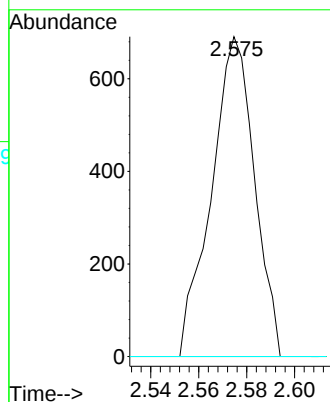
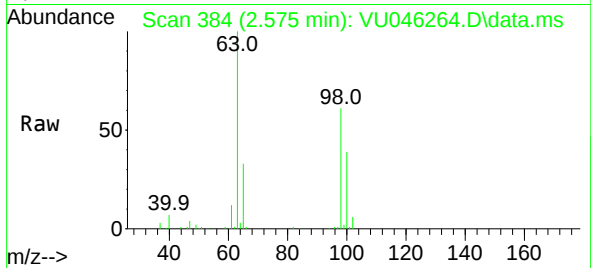




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.546 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046264.D
 Acq: 10 Dec 2021 14:25

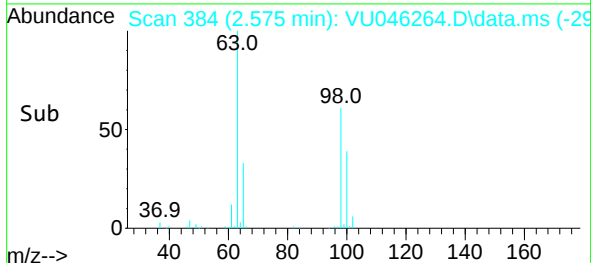
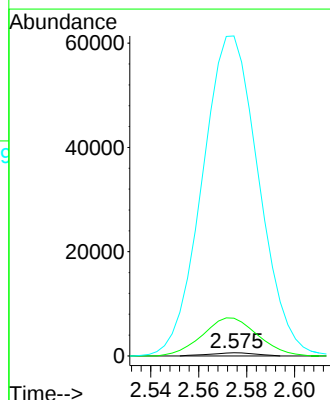
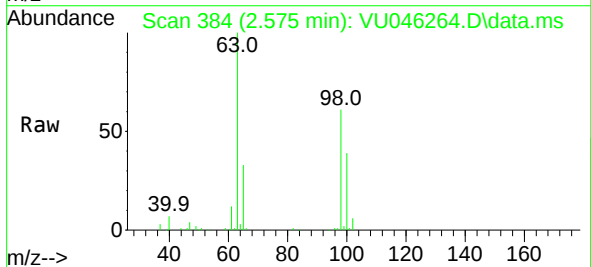
Instrument :
 MSVOA_U
 ClientSampleId :

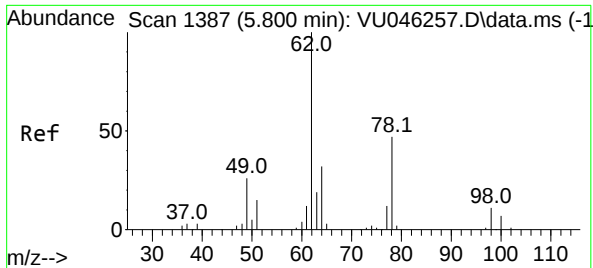
Tgt Ion:101 Resp: 865
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.542 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046264.D
 Acq: 10 Dec 2021 14:25

Tgt Ion: 96 Resp: 816
 Ion Ratio Lower Upper
 96 100
 61 1188.3 118.6 220.2#
 63 10078.2 93.0 172.8#

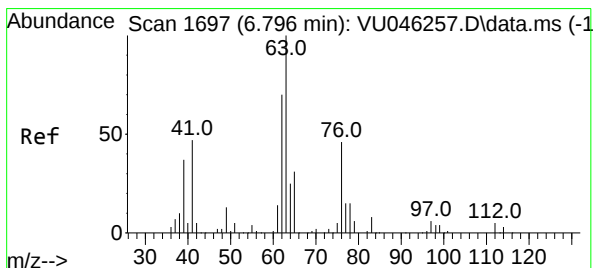
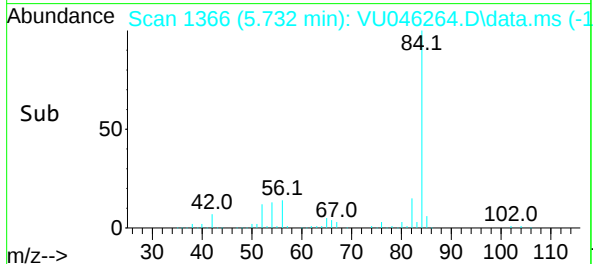
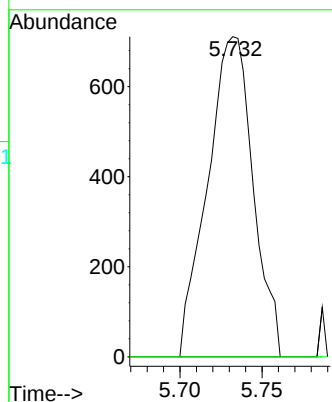
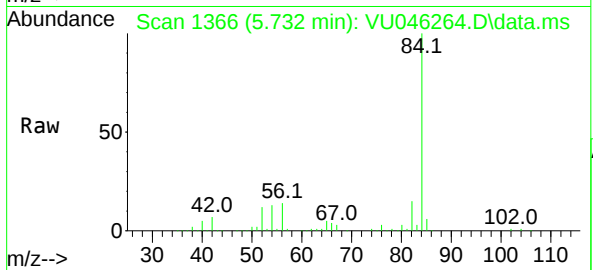




#27
 1,2-Dichloroethane
 Concen: 0.576 ug/L
 RT: 5.732 min Scan# 11
 Delta R.T. -0.068 min
 Lab File: VU046264.D
 Acq: 10 Dec 2021 14:25

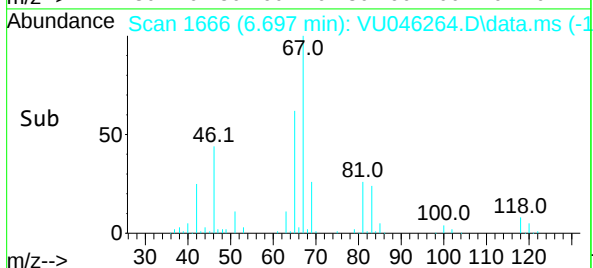
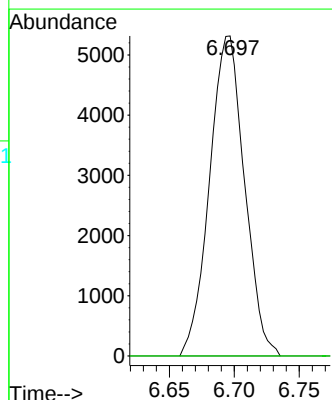
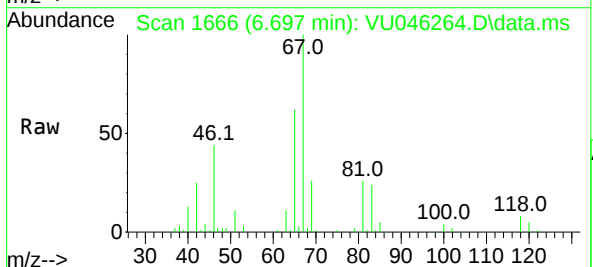
Instrument :
 MSVOA_U
 ClientSampleId :

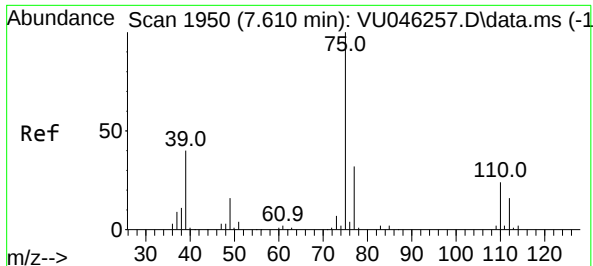
Tgt Ion: 62 Resp: 1375
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#



#37
 1,2-Dichloropropane
 Concen: 5.559 ug/L
 RT: 6.697 min Scan# 1666
 Delta R.T. -0.097 min
 Lab File: VU046264.D
 Acq: 10 Dec 2021 14:25

Tgt Ion: 63 Resp: 9941
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.960 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

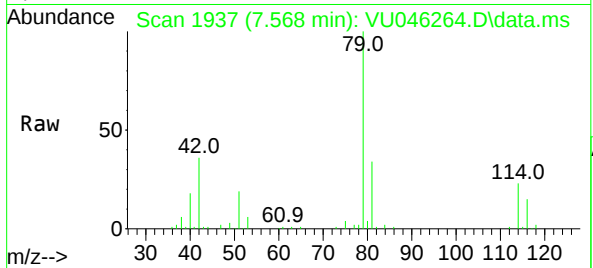
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Acq: 10 Dec 2021 14:25

Instrument :

MSVOA_U

ClientSampleId :

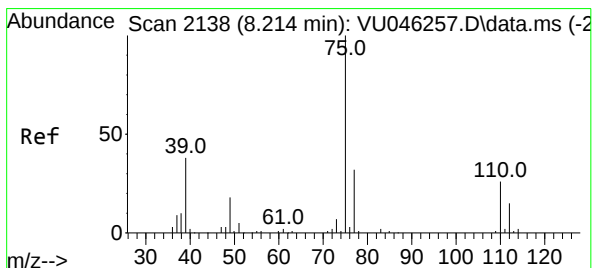
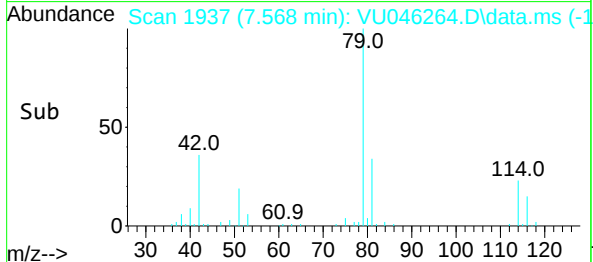
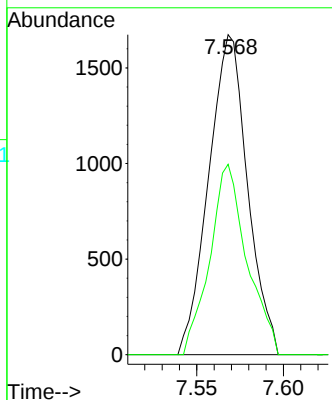


Tgt Ion: 75 Resp: 2613

Ion Ratio Lower Upper

75 100

77 59.5 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.699 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046264.D

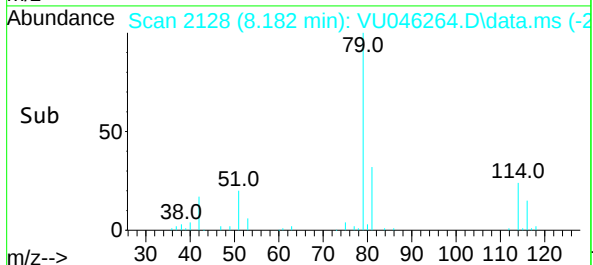
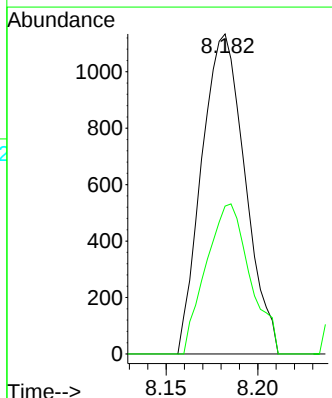
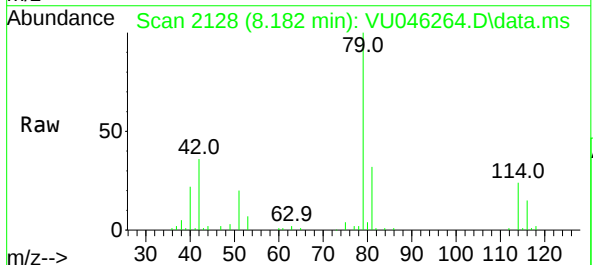
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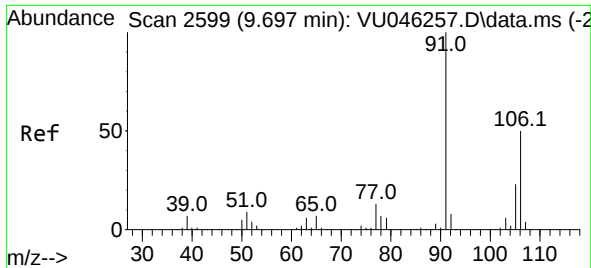
Tgt Ion: 75 Resp: 1867

Ion Ratio Lower Upper

75 100

77 46.2 21.7 40.3#

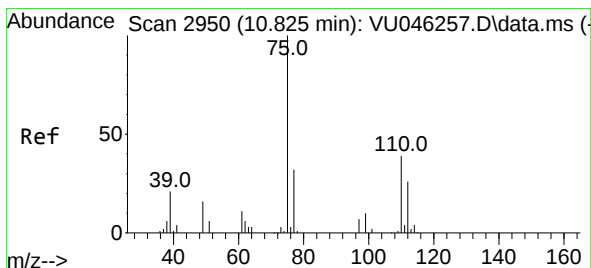
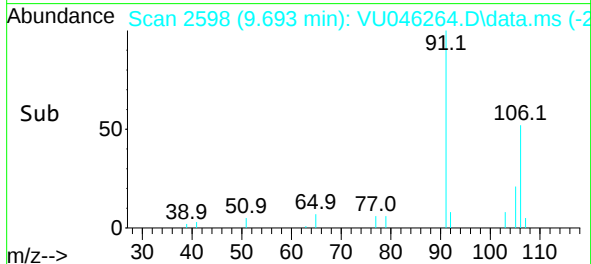
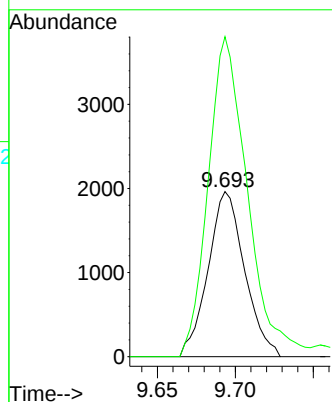
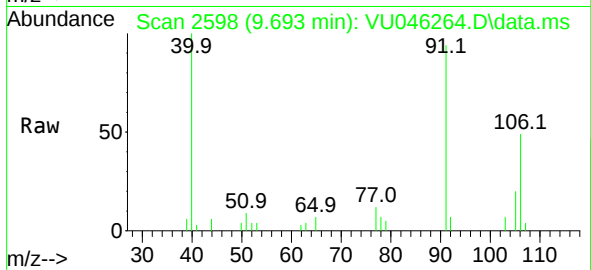




#53
m,p-Xylene
Concen: 1.040 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046264.D
Acq: 10 Dec 2021 14:25

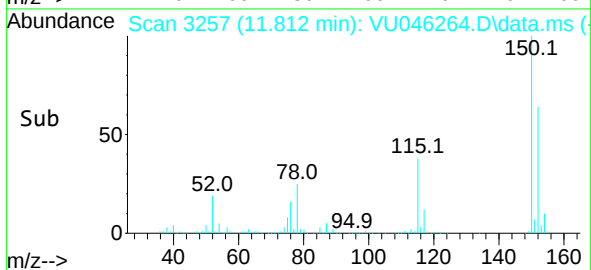
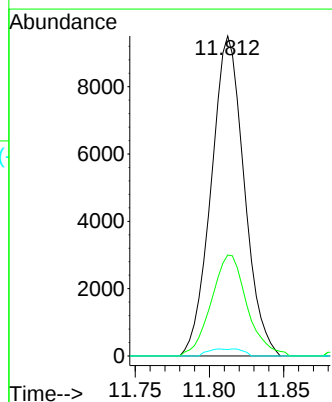
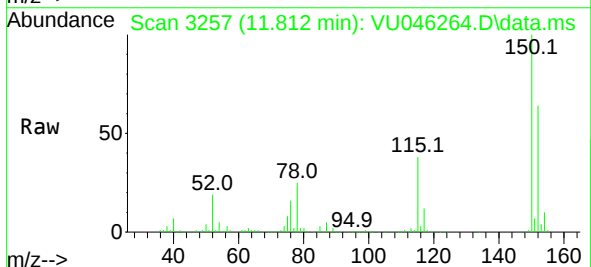
Instrument :
MSVOA_U
ClientSampleId :

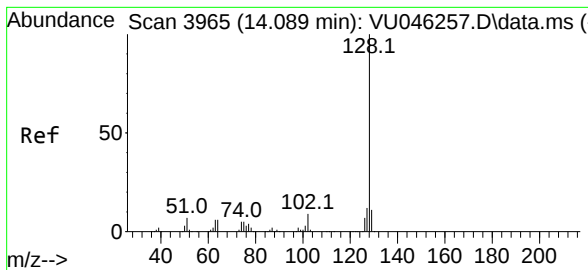
Tgt Ion:106 Resp: 3196
Ion Ratio Lower Upper
106 100
91 193.8 144.3 268.1



#60
1,2,3-Trichloropropane
Concen: 5.324 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046264.D
Acq: 10 Dec 2021 14:25

Tgt Ion: 75 Resp: 14678
Ion Ratio Lower Upper
75 100
77 34.1 26.4 39.6
110 1.4 32.4 48.6#





#71

Naphthalene

Concen: 3.013 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.003 min

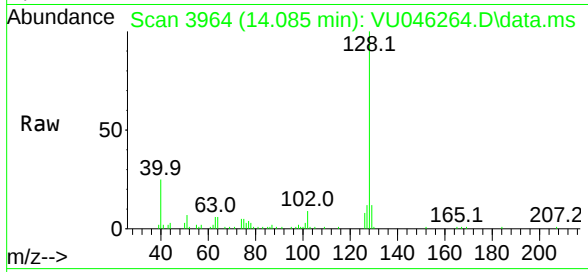
Lab File: VU046264.D

Acq: 10 Dec 2021 14:25

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Tgt Ion:128 Resp: 26352

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 12.4 8.6 13.0

