

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047089.D
 Acq On : 10 Feb 2022 21:22
 Operator : SY/MD
 Sample : N1462-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 01:16:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

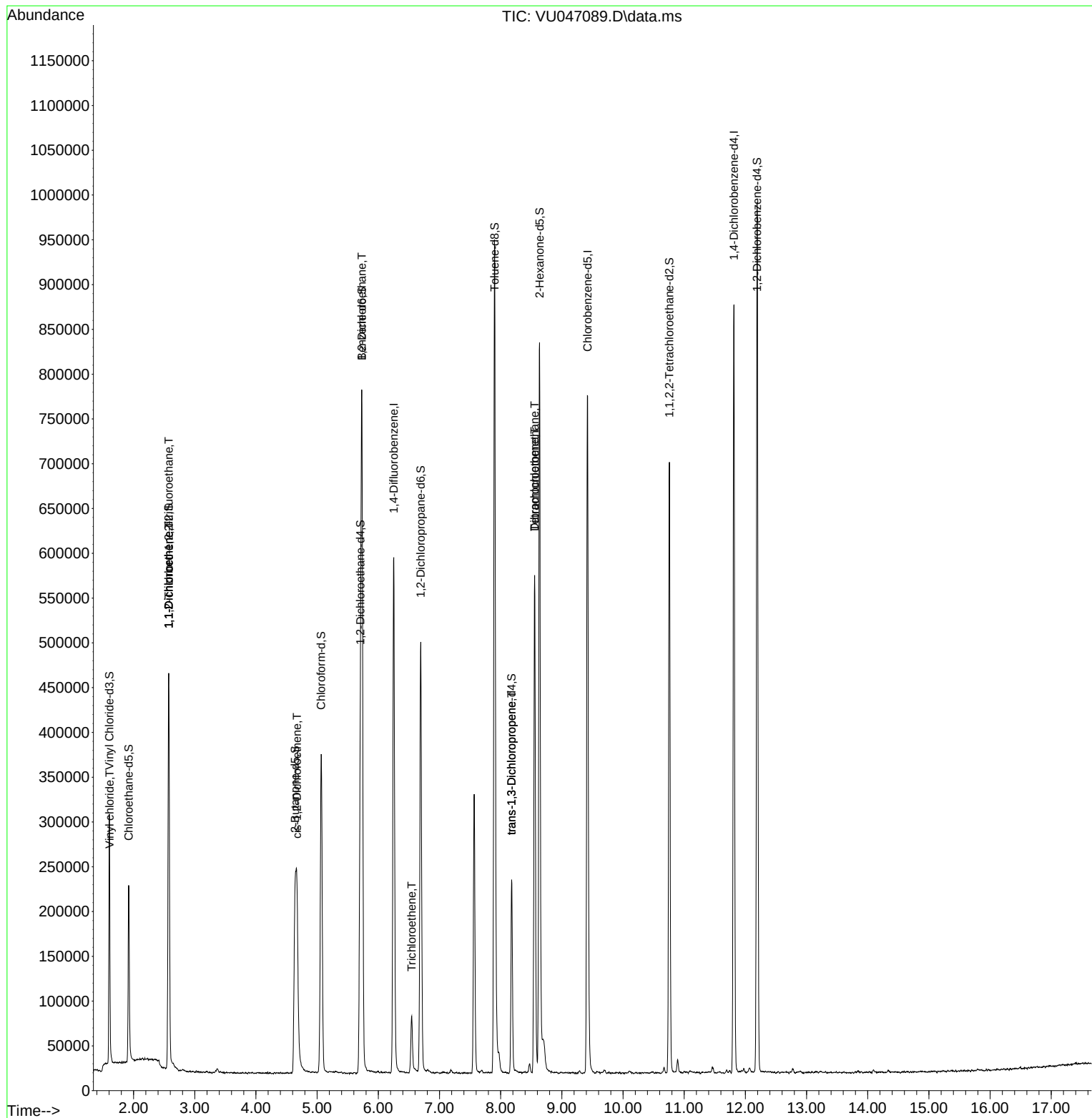
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	490218	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	457699	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	232351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	201934	45.356	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.720%		
7) Chloroethane-d5	1.919	69	154211	46.725	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.440%		
11) 1,1-Dichloroethene-d2	2.575	63	265311	35.960	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.920%		
21) 2-Butanone-d5	4.642	46	421764	122.147	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	122.150%		
24) Chloroform-d	5.067	84	331341	45.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.680%		
26) 1,2-Dichloroethane-d4	5.707	65	222333	47.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.860%		
32) Benzene-d6	5.732	84	721703	47.429	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.860%		
36) 1,2-Dichloropropane-d6	6.694	67	234267	47.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.940%		
41) Toluene-d8	7.899	98	683776	47.196	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.400%		
43) trans-1,3-Dichloroprop...	8.179	79	121628	47.033	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.060%		
47) 2-Hexanone-d5	8.636	63	308635	109.173	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.170%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	342449	47.593	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.180%		
66) 1,2-Dichlorobenzene-d4	12.192	152	264222	47.948	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.900%		
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	5666	1.244	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2686	0.827	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	2170	0.681	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	61560	16.617	ug/L #	95
27) 1,2-Dichloroethane	5.732	62	3964	0.810	ug/L	98
34) Trichloroethene	6.546	95	20460	5.517	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	5157	0.864	ug/L #	80
46) Tetrachloroethene	8.555	164	133412	44.723	ug/L	97
49) Dibromochloromethane	8.555	129	127622	30.628	ug/L #	10

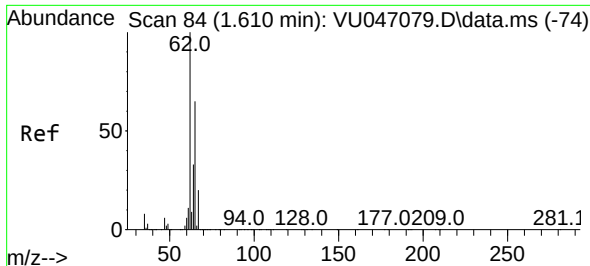
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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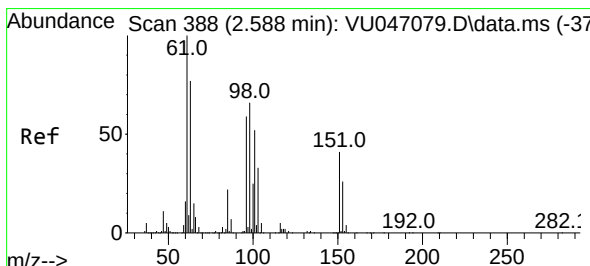
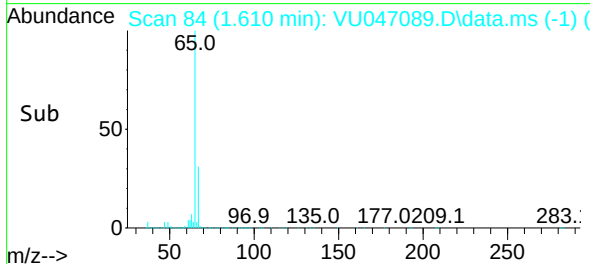
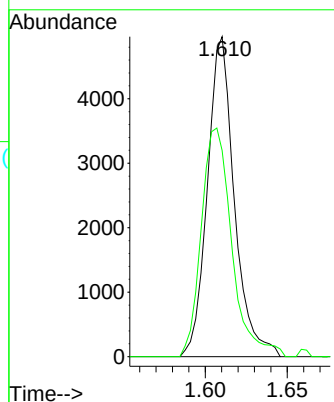
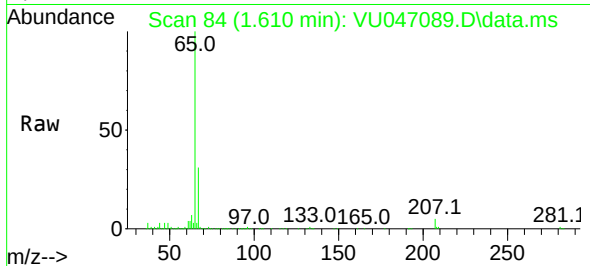




#5
 Vinyl chloride
 Concen: 1.244 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU047089.D
 Acq: 10 Feb 2022 21:22

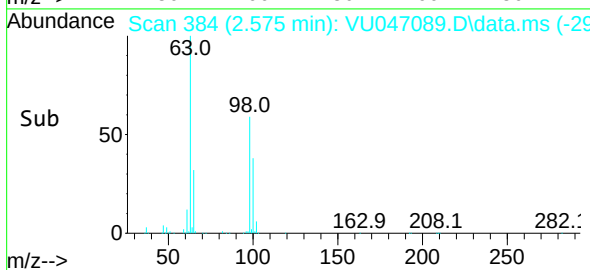
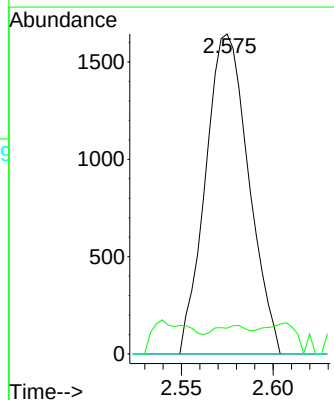
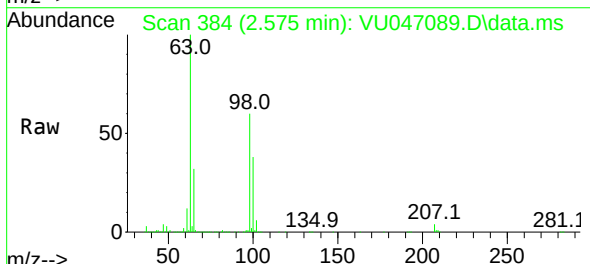
Instrument :
 MSVOA_U
 ClientSampleId :

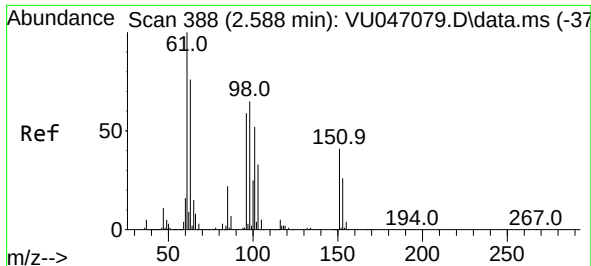
Tgt Ion: 62 Resp: 5666
 Ion Ratio Lower Upper
 62 100
 64 64.5 23.1 42.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.827 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047089.D
 Acq: 10 Feb 2022 21:22

Tgt Ion: 101 Resp: 2686
 Ion Ratio Lower Upper
 101 100
 85 0.8 34.9 52.3#
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 0.681 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

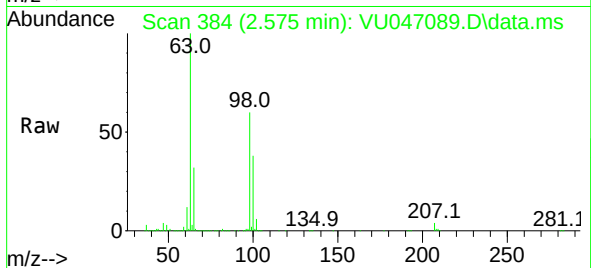
Lab File: VU047089.D

Acq: 10 Feb 2022 21:22

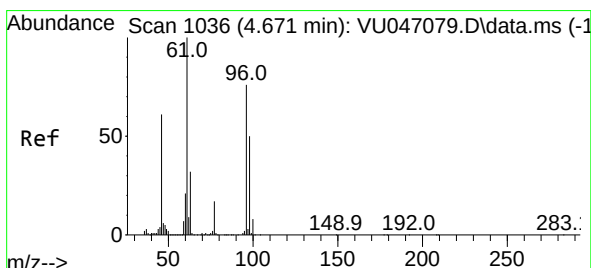
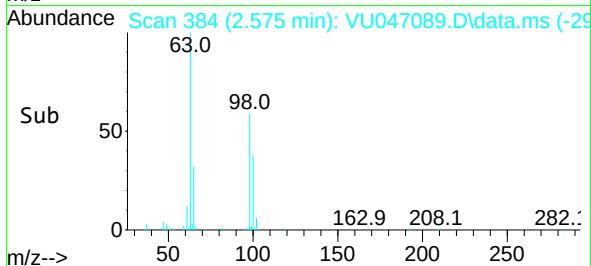
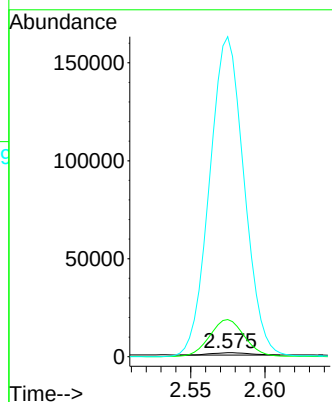
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2170
Ion Ratio	Lower	Upper	
96	100		
61	940.4	114.9	213.3#
63	8097.6	86.0	159.8#



#20

cis-1,2-Dichloroethene

Concen: 16.617 ug/L

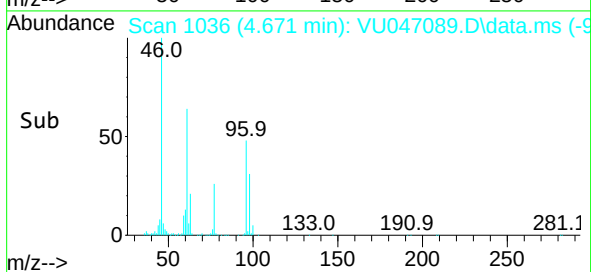
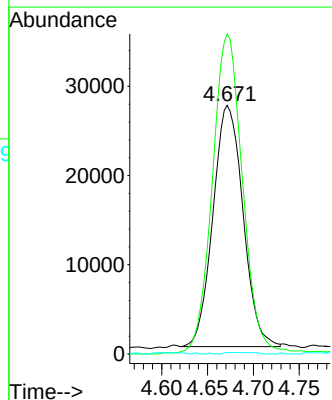
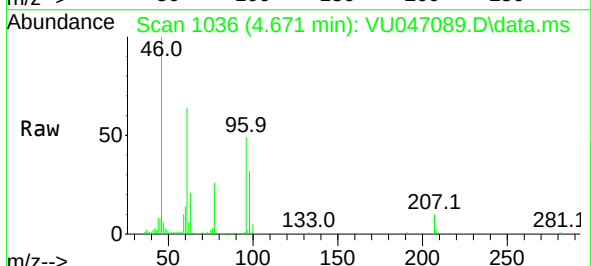
RT: 4.671 min Scan# 1036

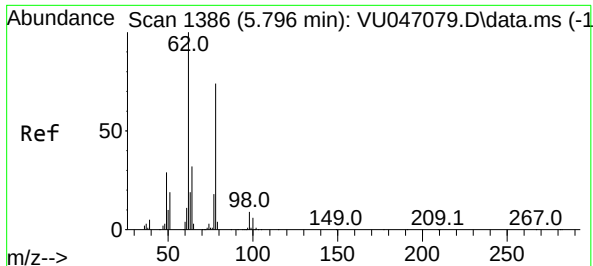
Delta R.T. 0.000 min

Lab File: VU047089.D

Acq: 10 Feb 2022 21:22

Tgt Ion:	96	Resp:	61560
Ion Ratio	Lower	Upper	
96	100		
61	128.7	86.0	159.6
68	0.6	0.0	0.0#





#27

1,2-Dichloroethane

Concen: 0.810 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU047089.D

Acq: 10 Feb 2022 21:22

Instrument :

MSVOA_U

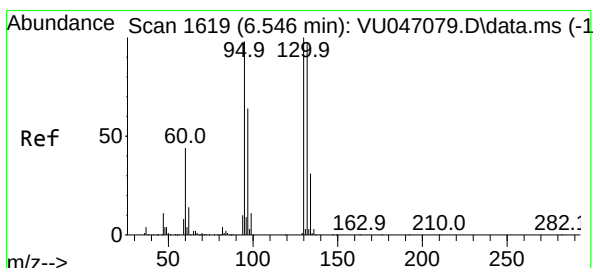
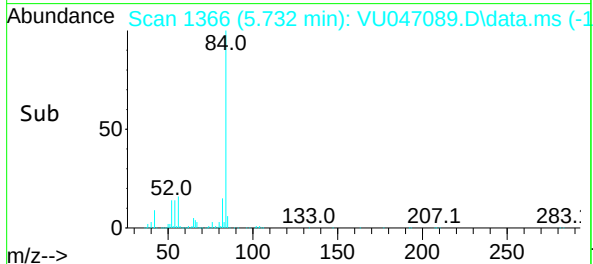
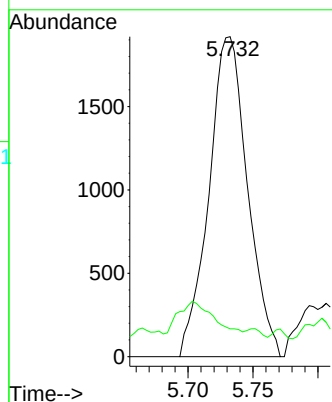
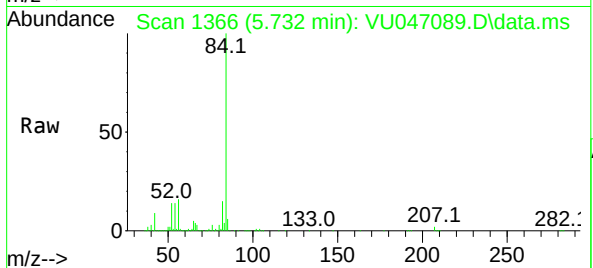
ClientSampleId :

Tgt Ion: 62 Resp: 3964

Ion Ratio Lower Upper

62 100

98 8.7 7.7 11.5



#34

Trichloroethene

Concen: 5.517 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047089.D

Acq: 10 Feb 2022 21:22

Tgt Ion: 95 Resp: 20460

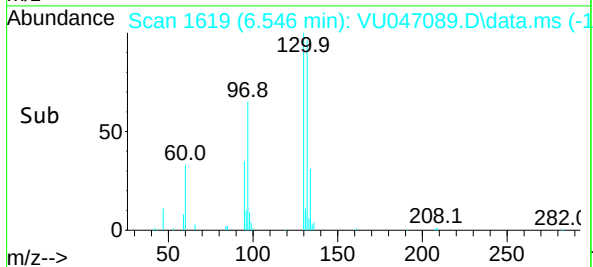
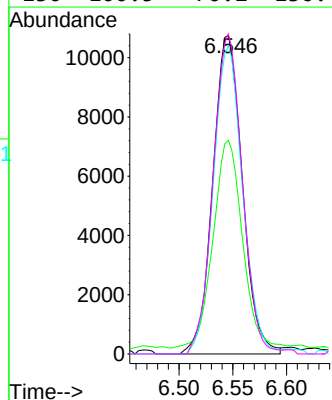
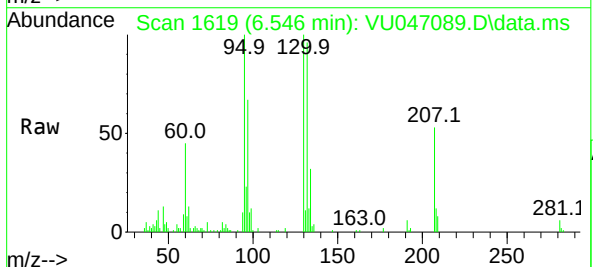
Ion Ratio Lower Upper

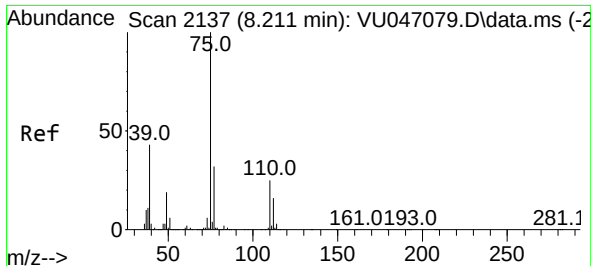
95 100

97 67.1 45.1 83.7

132 96.8 66.7 123.9

130 100.5 70.2 130.4

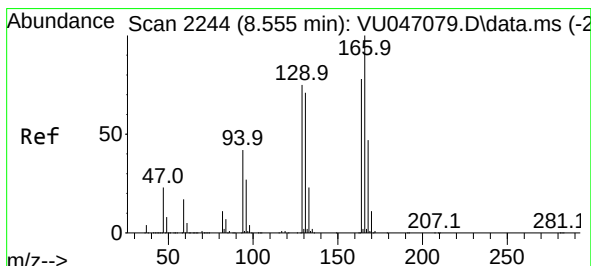
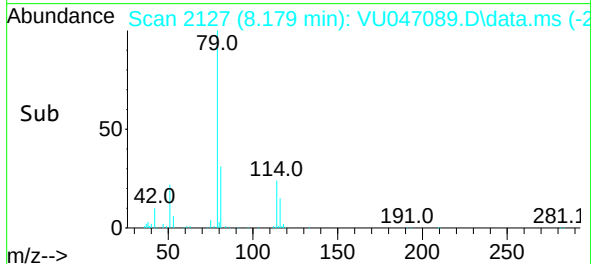
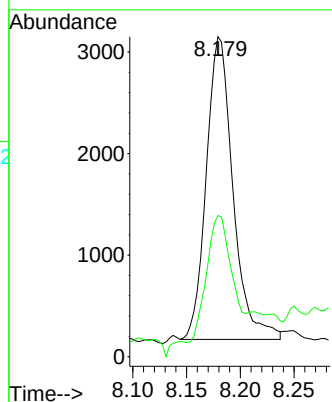
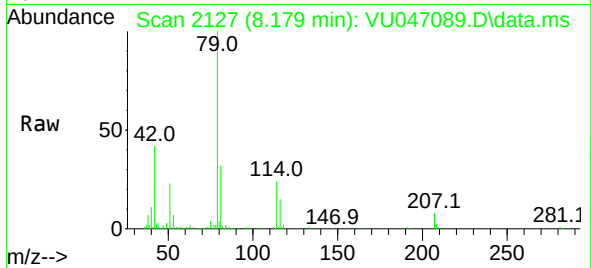




#44
trans-1,3-Dichloropropene
Concen: 0.864 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047089.D
Acq: 10 Feb 2022 21:22

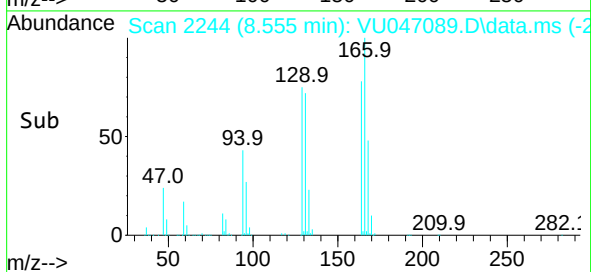
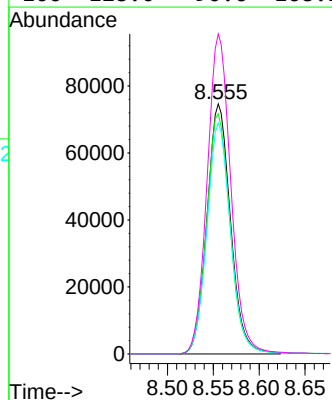
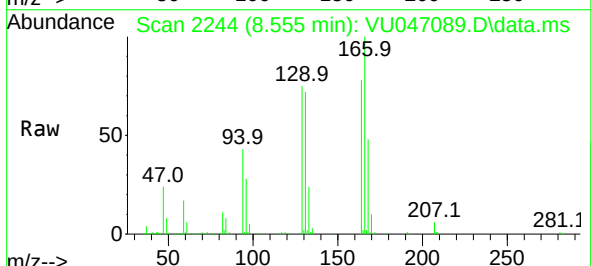
Instrument :
MSVOA_U
ClientSampleId :

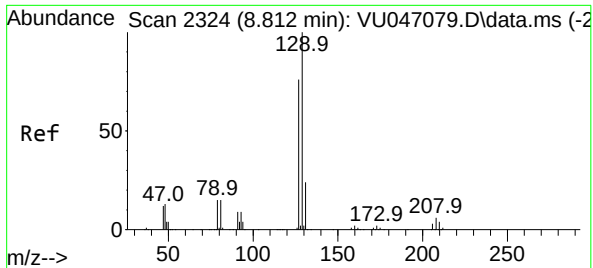
Tgt Ion: 75 Resp: 5157
Ion Ratio Lower Upper
75 100
77 44.1 23.0 42.8#



#46
Tetrachloroethene
Concen: 44.723 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047089.D
Acq: 10 Feb 2022 21:22

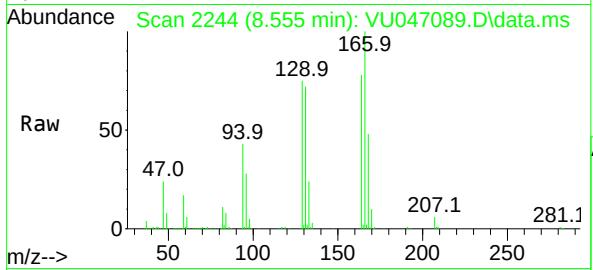
Tgt Ion: 164 Resp: 133412
Ion Ratio Lower Upper
164 100
129 96.0 69.5 129.1
131 92.3 67.0 124.4
166 128.0 90.6 168.2





#49
 Dibromochloromethane
 Concen: 30.628 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU047089.D
 Acq: 10 Feb 2022 21:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 127622
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.3#

