

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047666.D
 Acq On : 25 Mar 2022 11:49
 Operator : SY/MD
 Sample : N2081-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y0

Quant Time: Mar 26 02:07:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:04:39 2022
 Response via : Initial Calibration

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

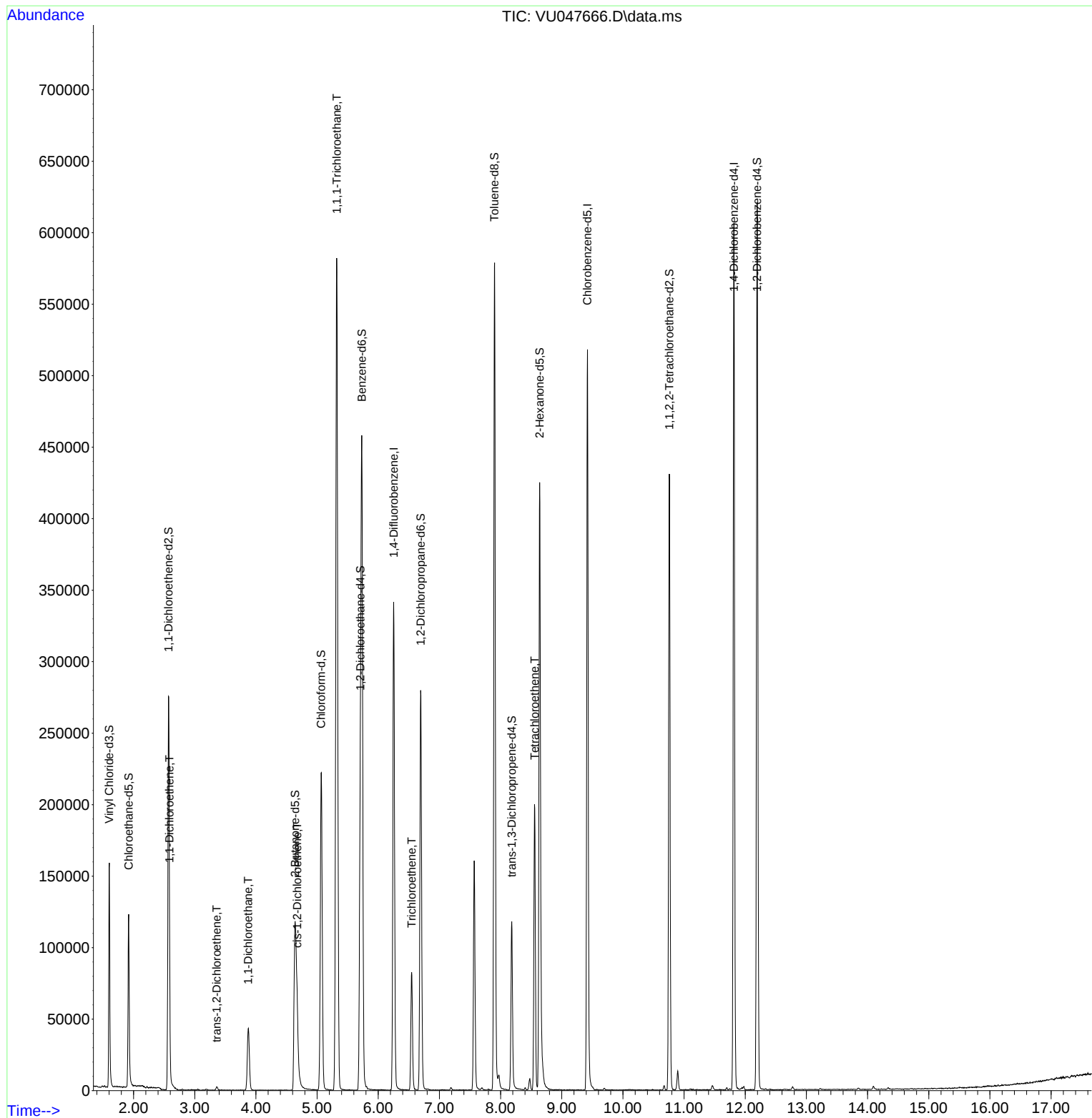
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	292204	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	306335	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	166710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	114558	54.063	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 108.120%		
7) Chloroethane-d5	1.919	69	91712	54.891	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 109.780%		
11) 1,1-Dichloroethene-d2	2.571	63	159608	41.170	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 82.340%		
21) 2-Butanone-d5	4.639	46	212261	116.707	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 116.710%		
24) Chloroform-d	5.066	84	207551	53.532	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.060%		
26) 1,2-Dichloroethane-d4	5.706	65	134454	56.543	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 113.080%		
32) Benzene-d6	5.732	84	428653	55.610	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 111.220%		
36) 1,2-Dichloropropane-d6	6.693	67	132948	56.161	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 112.320%		
41) Toluene-d8	7.899	98	403010	53.662	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 107.320%		
43) trans-1,3-Dichloroprop...	8.182	79	65021	54.215	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 108.440%		
47) 2-Hexanone-d5	8.639	63	157185	113.425	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 113.430%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212196	52.231	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 104.460%		
66) 1,2-Dichlorobenzene-d4	12.195	152	172148	58.042	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 116.080%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.587	96	8614	4.298	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	1175	0.543	ug/L	84
19) 1,1-Dichloroethane	3.874	63	50310	13.493	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	14608	6.163	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	418846	120.583	ug/L	99
34) Trichloroethene	6.546	95	28570	12.290	ug/L	95
46) Tetrachloroethene	8.555	164	47657	22.813	ug/L	98

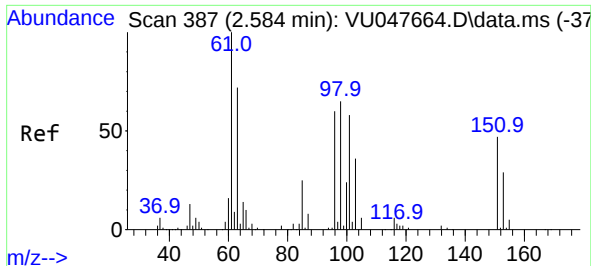
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 26 02:04:39 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.298 ug/L

RT: 2.587 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU047666.D

Acq: 25 Mar 2022 11:49

Instrument :

MSVOA_U

ClientSampleId :

EW5Y0

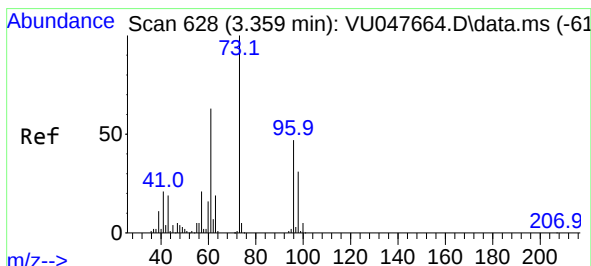
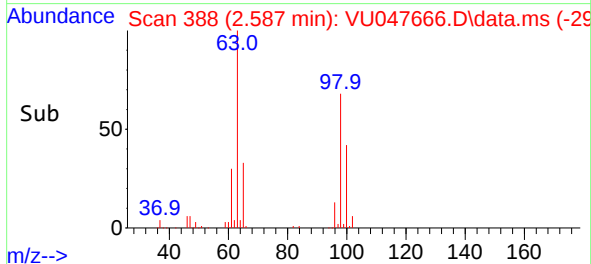
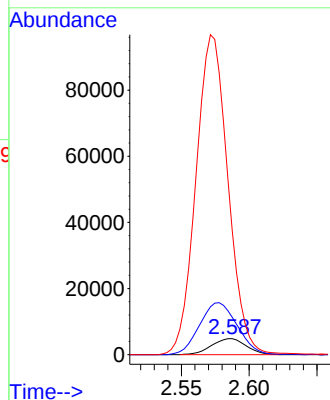
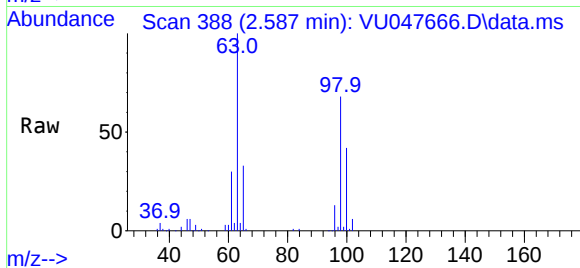
Tgt Ion: 96 Resp: 8614

Ion Ratio Lower Upper

96 100

61 233.4 113.1 210.1#

63 775.9 94.8 176.0#



#17

trans-1,2-Dichloroethene

Concen: 0.543 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047666.D

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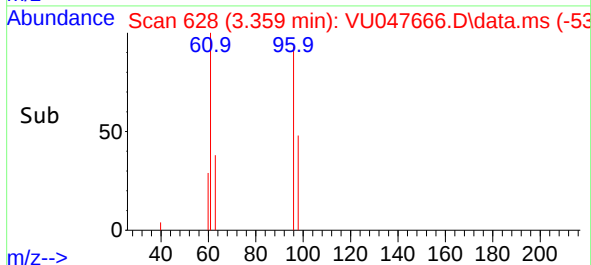
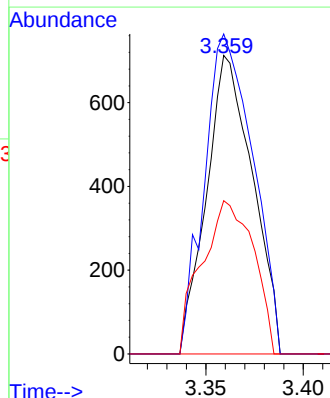
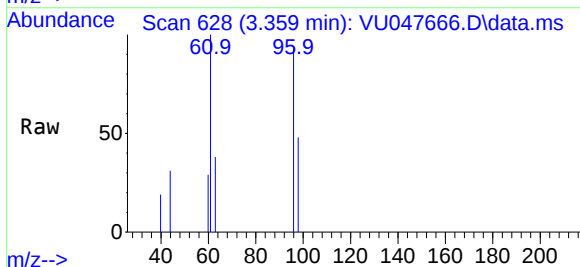
Tgt Ion: 96 Resp: 1175

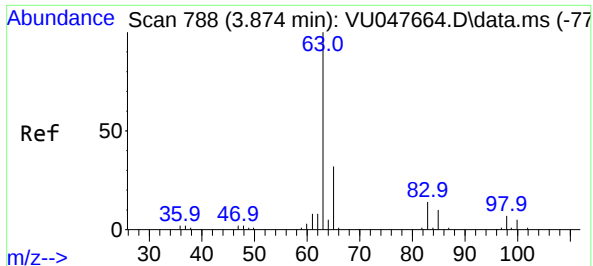
Ion Ratio Lower Upper

96 100

61 107.2 88.4 164.2

98 51.3 43.3 80.5

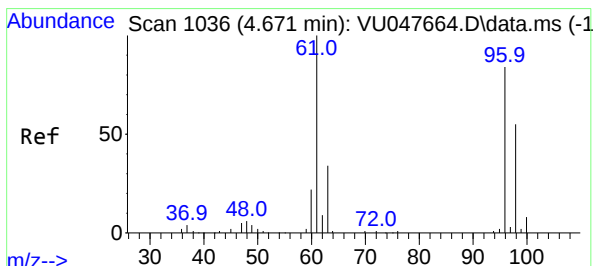
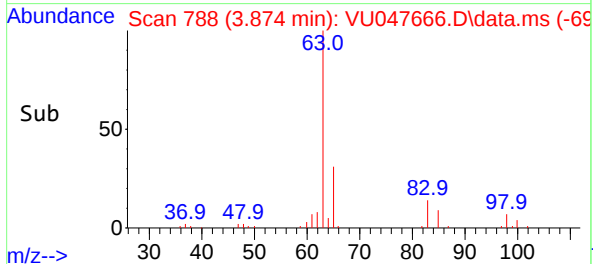
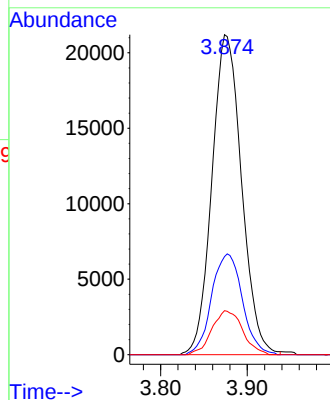
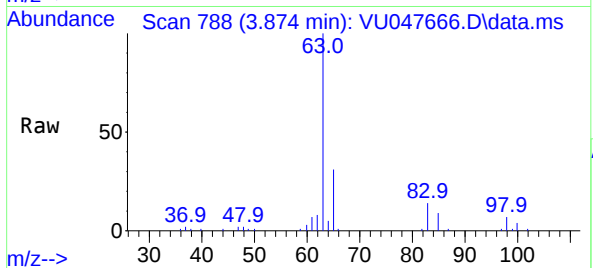




#19
1,1-Dichloroethane
Concen: 13.493 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047666.D
Acq: 25 Mar 2022 11:49

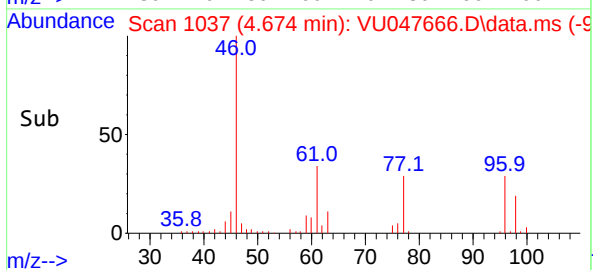
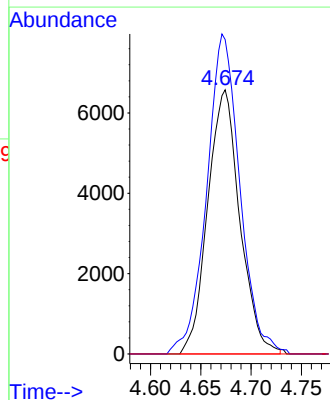
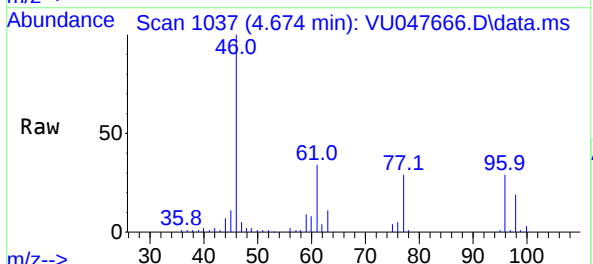
Instrument :
MSVOA_U
ClientSampleId :
EW5Y0

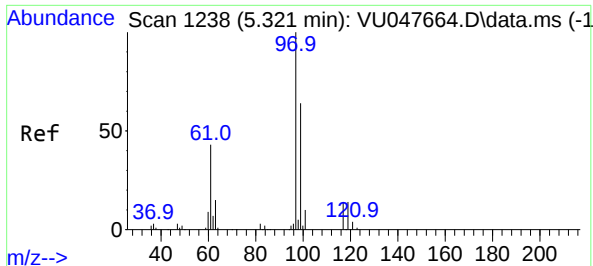
Tgt Ion: 63 Resp: 50310
Ion Ratio Lower Upper
63 100
65 30.7 22.0 41.0
83 13.7 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 6.163 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047666.D
Acq: 25 Mar 2022 11:49

Tgt Ion: 96 Resp: 14608
Ion Ratio Lower Upper
96 100
61 119.0 80.7 149.9
68 0.0 0.0 0.0

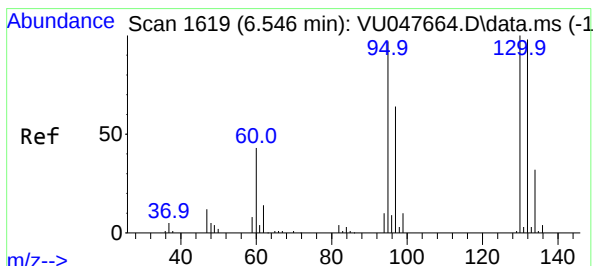
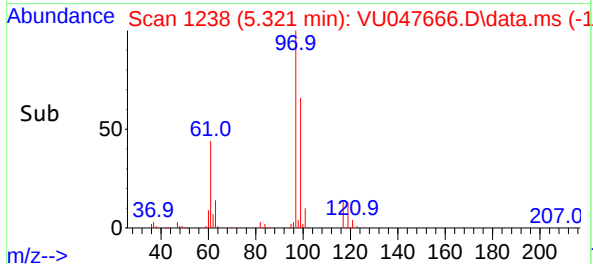
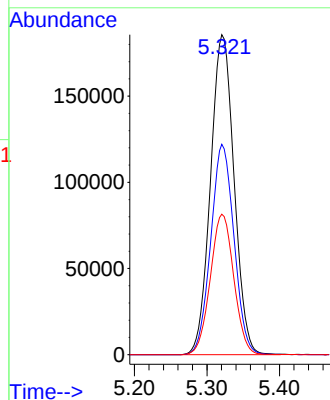
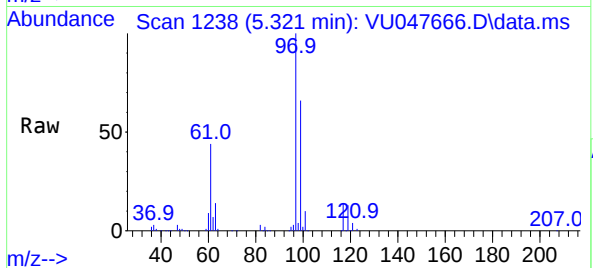




#30
1,1,1-Trichloroethane
Concen: 120.583 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047666.D
Acq: 25 Mar 2022 11:49

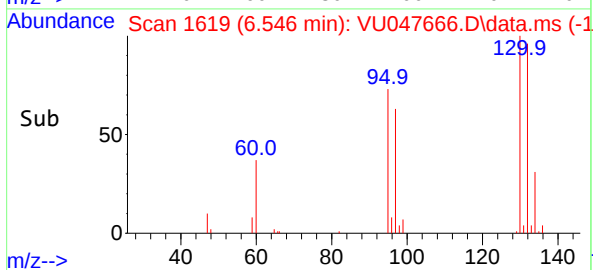
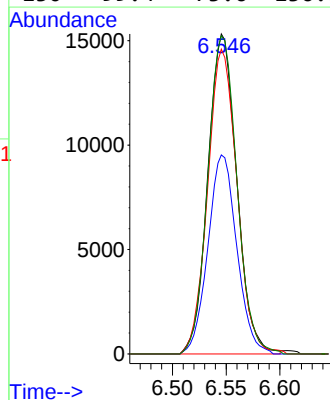
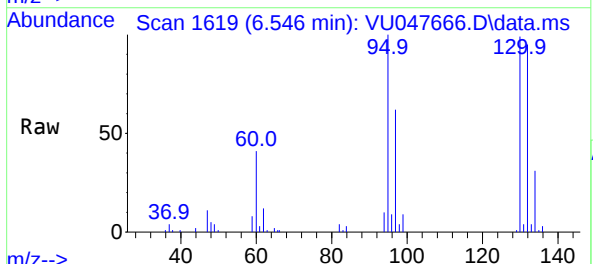
Instrument :
MSVOA_U
ClientSampleId :
EW5Y0

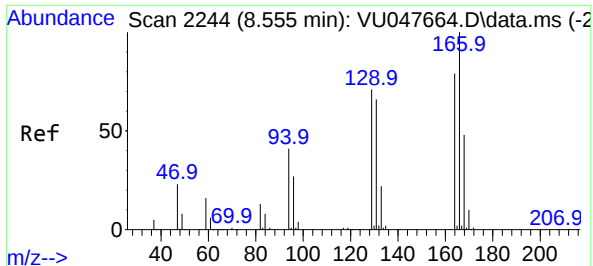
Tgt Ion: 97 Resp: 418846
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 43.8 34.2 51.4



#34
Trichloroethene
Concen: 12.290 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047666.D
Acq: 25 Mar 2022 11:49

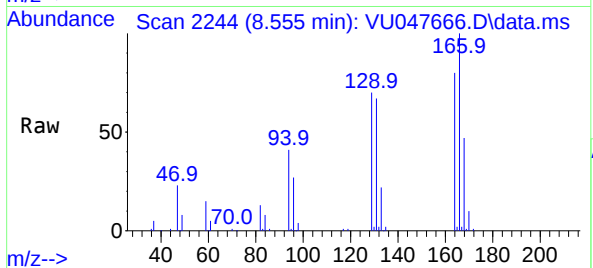
Tgt Ion: 95 Resp: 28570
Ion Ratio Lower Upper
95 100
97 62.2 44.7 82.9
132 95.3 70.4 130.8
130 99.4 73.6 136.8





#46
Tetrachloroethene
Concen: 22.813 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047666.D
Acq: 25 Mar 2022 11:49

Instrument :
MSVOA_U
ClientSampleId :
EW5Y0



Tgt Ion:164 Resp: 47657

Ion	Ratio	Lower	Upper
164	100		
129	87.5	62.4	116.0
131	84.0	60.7	112.7
166	125.4	89.0	165.4

