

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047646.D
 Acq On : 24 Mar 2022 20:46
 Operator : SY/MD
 Sample : N2081-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X4

Quant Time: Mar 24 23:49:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

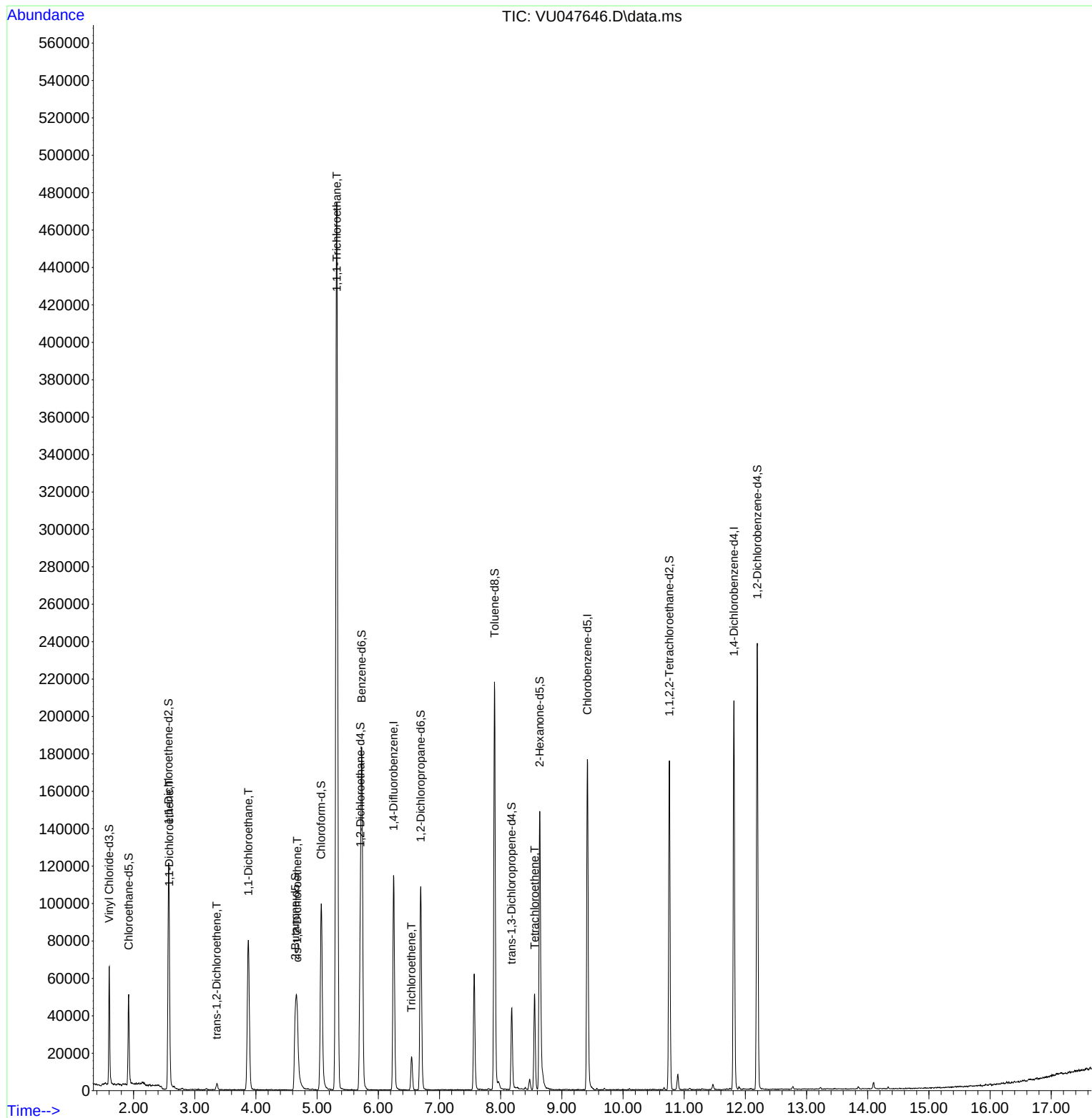
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	100133	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	105581	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59118	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45208	62.259	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 124.520%		
7) Chloroethane-d5	1.919	69	35399	61.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 123.660%		
11) 1,1-Dichloroethene-d2	2.572	63	66973	50.412	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 100.820%		
21) 2-Butanone-d5	4.645	46	85310	136.879	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 136.880%#		
24) Chloroform-d	5.067	84	84399	63.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 127.040%#		
26) 1,2-Dichloroethane-d4	5.706	65	55673	68.321	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 136.640%#		
32) Benzene-d6	5.729	84	169720	63.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 127.760%#		
36) 1,2-Dichloropropane-d6	6.694	67	52790	64.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 129.400%#		
41) Toluene-d8	7.899	98	150747	58.239	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 116.480%		
43) trans-1,3-Dichloroprop...	8.179	79	25009	60.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 121.000%		
47) 2-Hexanone-d5	8.639	63	54815	114.765	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 114.760%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85151	60.812	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 121.620%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	66429	63.159	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 126.320%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	9764	14.215	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	1126	1.520	ug/L	93
19) 1,1-Dichloroethane	3.877	63	92231	72.184	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	11897	14.648	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	341524	285.274	ug/L	98
34) Trichloroethene	6.542	95	5904	7.369	ug/L	94
46) Tetrachloroethene	8.555	164	12549	17.429	ug/L	97

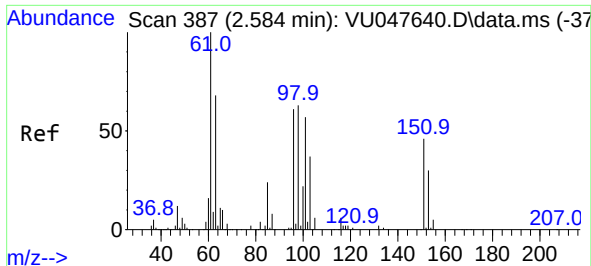
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 24 23:34:42 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 14.215 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047646.D

Acq: 24 Mar 2022 20:46

Instrument :

MSVOA_U

ClientSampleId :

EW5X4

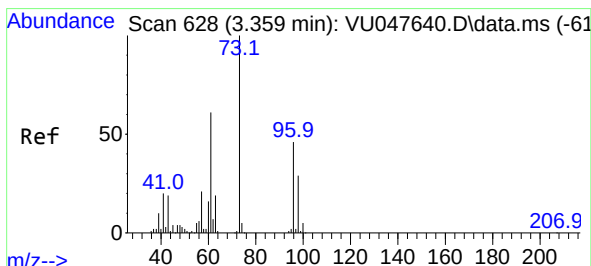
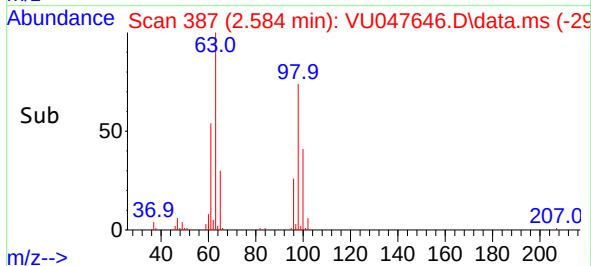
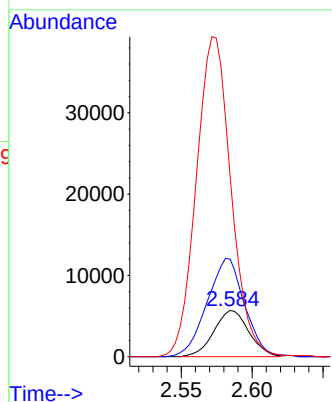
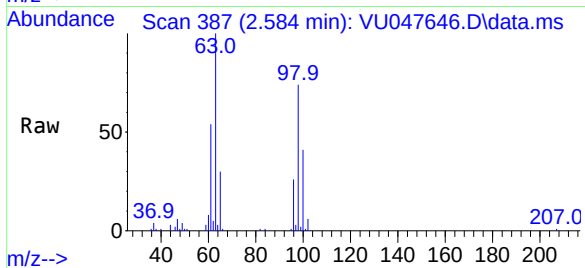
Tgt Ion: 96 Resp: 9764

Ion Ratio Lower Upper

96 100

61 211.4 113.1 210.1#

63 390.3 94.8 176.0#



#17

trans-1,2-Dichloroethene

Concen: 1.520 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047646.D

Acq: 24 Mar 2022 20:46

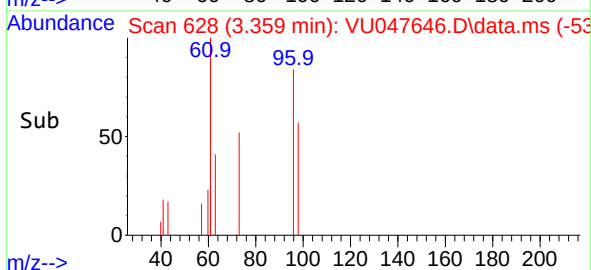
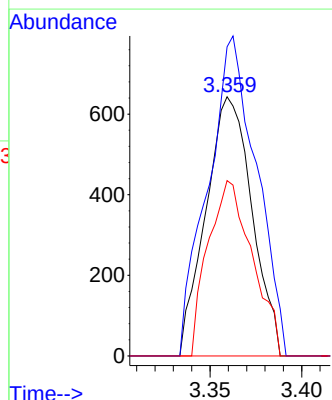
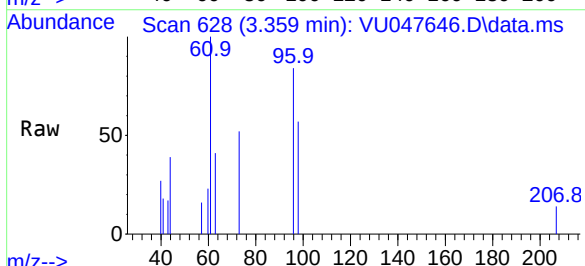
Tgt Ion: 96 Resp: 1126

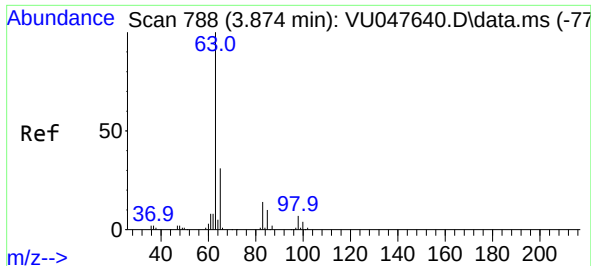
Ion Ratio Lower Upper

96 100

61 119.3 88.4 164.2

98 67.7 43.3 80.5





#19

1,1-Dichloroethane

Concen: 72.184 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU047646.D

Acq: 24 Mar 2022 20:46

Instrument :

MSVOA_U

ClientSampleId :

EW5X4

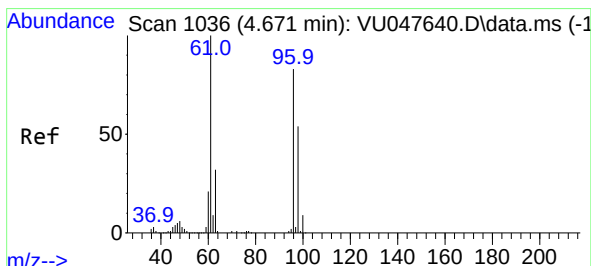
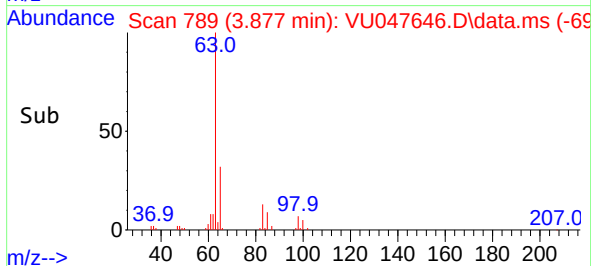
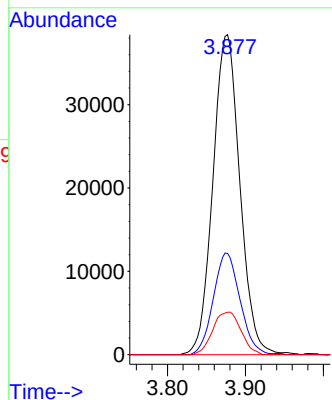
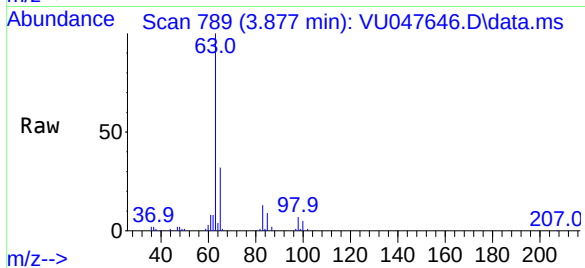
Tgt Ion: 63 Resp: 92231

Ion Ratio Lower Upper

63 100

65 31.7 22.0 41.0

83 13.2 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 14.648 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU047646.D

Acq: 24 Mar 2022 20:46

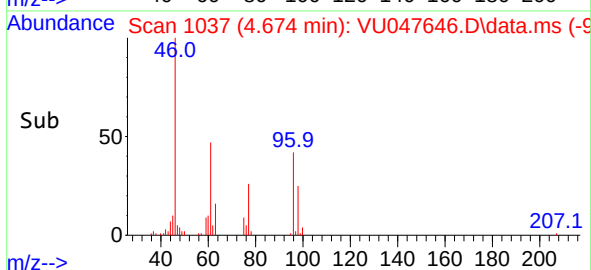
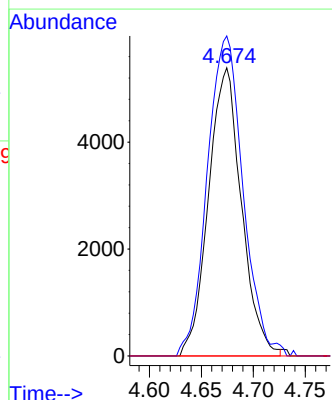
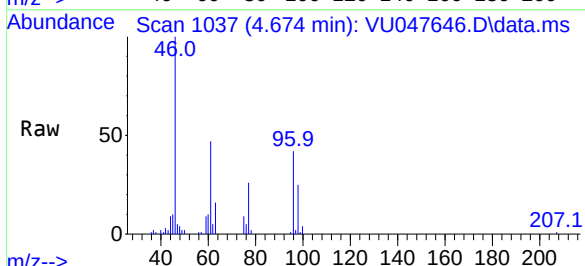
Tgt Ion: 96 Resp: 11897

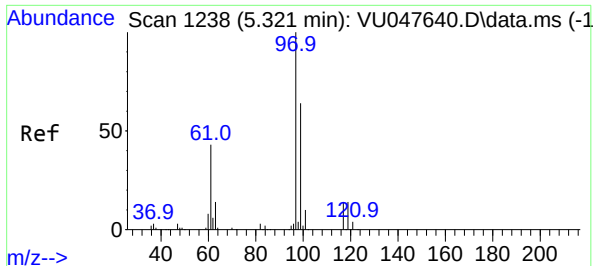
Ion Ratio Lower Upper

96 100

61 111.1 80.7 149.9

68 0.0 0.0 0.0



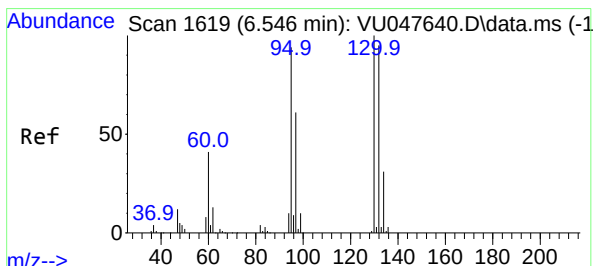
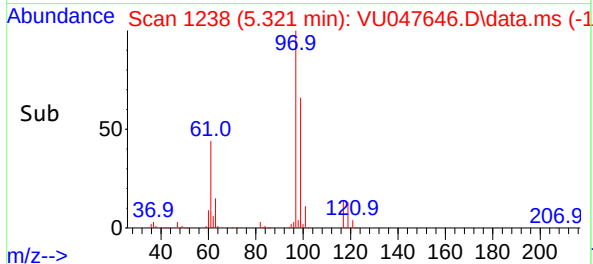
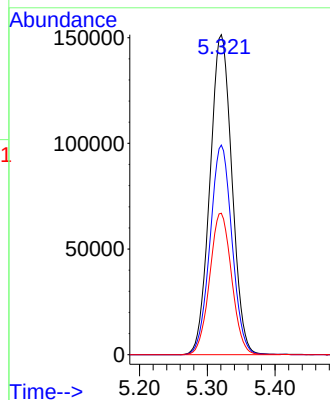
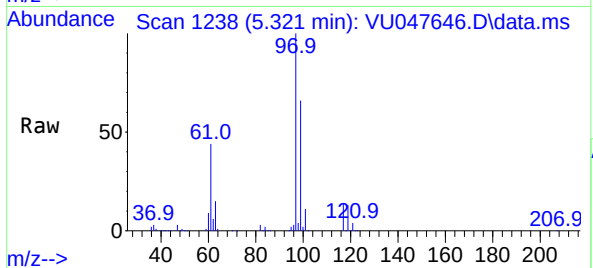


#30
1,1,1-Trichloroethane
Concen: 285.274 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_U
ClientSampleId :
EW5X4

Tgt Ion: 97 Resp: 341524

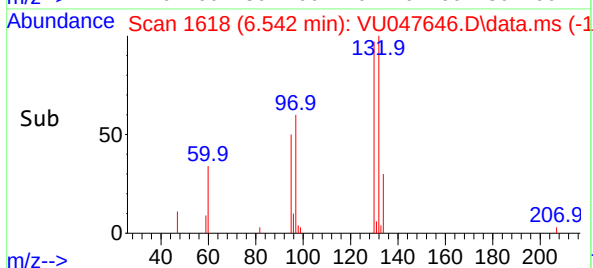
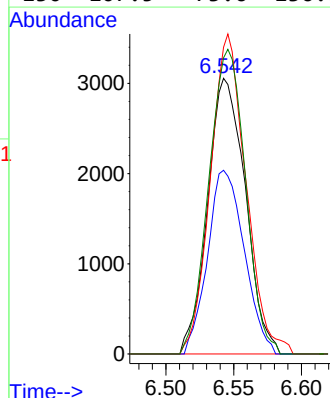
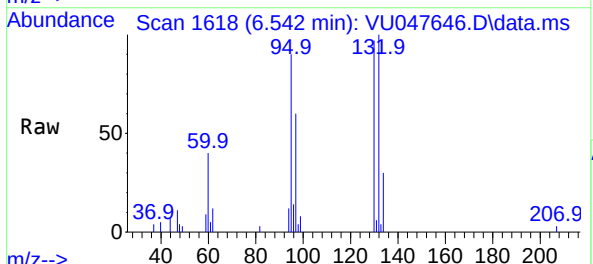
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	44.1	34.2	51.4

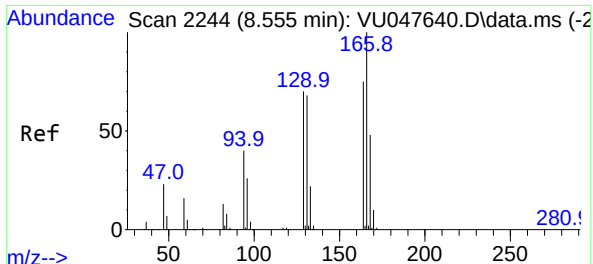


#34
Trichloroethene
Concen: 7.369 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

Tgt Ion: 95 Resp: 5904

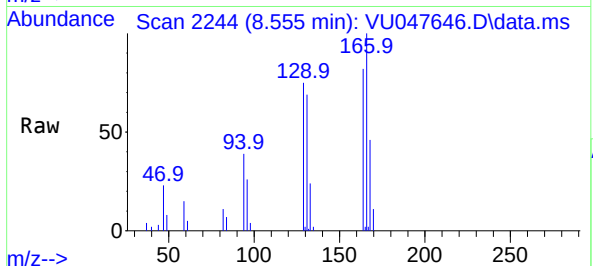
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.7	82.9
132	111.3	70.4	130.8
130	107.5	73.6	136.8





#46
Tetrachloroethene
Concen: 17.429 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

Instrument :
MSVOA_U
ClientSampleId :
EW5X4



Tgt Ion:164 Resp: 12549

Ion	Ratio	Lower	Upper
164	100		
129	91.5	62.4	116.0
131	84.6	60.7	112.7
166	121.9	89.0	165.4

