

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047660.D
 Acq On : 25 Mar 2022 02:02
 Operator : SY/MD
 Sample : N2081-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y6

Quant Time: Mar 25 05:31:28 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)

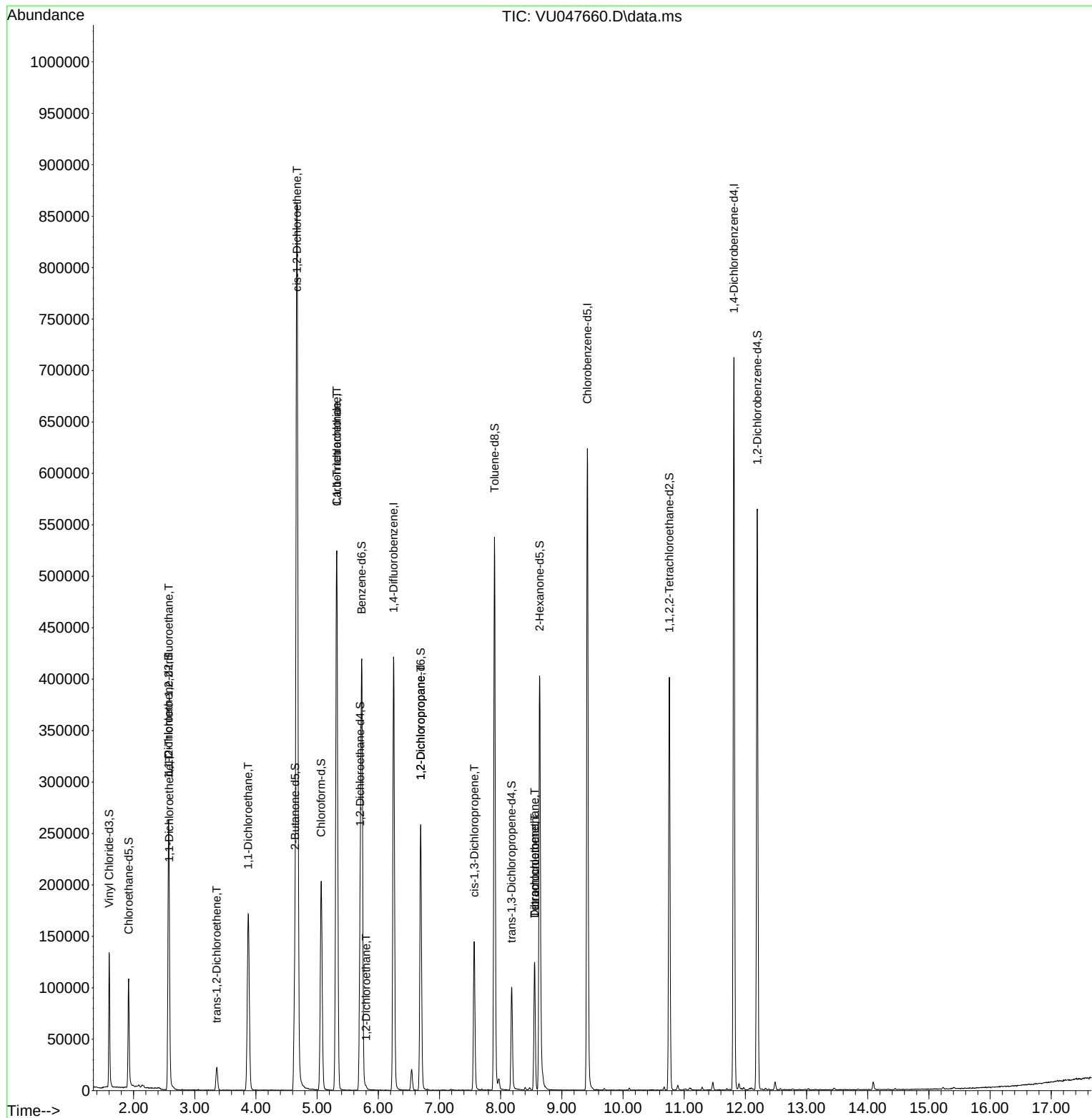
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	359548	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195904	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	95852	36.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.520%		
7) Chloroethane-d5	1.919	69	80436	39.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.260%		
11) 1,1-Dichloroethene-d2	2.571	63	148012	31.028	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.060%		
21) 2-Butanone-d5	4.639	46	201403	89.996	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.000%		
24) Chloroform-d	5.066	84	189054	39.628	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.260%		
26) 1,2-Dichloroethane-d4	5.703	65	122367	41.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.640%		
32) Benzene-d6	5.729	84	392431	42.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.620%		
36) 1,2-Dichloropropane-d6	6.693	67	123919	44.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.040%		
41) Toluene-d8	7.899	98	364041	40.762	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.520%		
43) trans-1,3-Dichloroprop...	8.179	79	56598	39.685	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.360%		
47) 2-Hexanone-d5	8.635	63	148419	90.061	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.060%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197573	40.895	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.780%		
66) 1,2-Dichlorobenzene-d4	12.195	152	154634	44.367	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.740%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1586	0.598	ug/L #	18
12) 1,1-Dichloroethene	2.584	96	18600	7.542	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	9840	3.699	ug/L	97
19) 1,1-Dichloroethane	3.874	63	195508	42.614	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	454203	155.741	ug/L	96
27) 1,2-Dichloroethane	5.800	62	1763	0.462	ug/L #	75
30) 1,1,1-Trichloroethane	5.320	97	383163	92.761	ug/L	99
31) Carbon tetrachloride	5.320	117	51871	13.906	ug/L	99
37) 1,2-Dichloropropane	6.693	63	13211	4.928	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3590	0.863	ug/L #	51
46) Tetrachloroethene	8.555	164	28945	11.651	ug/L	97
49) Dibromochloromethane	8.555	129	26934	8.180	ug/L #	11

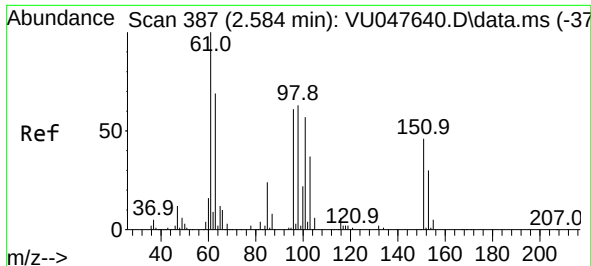
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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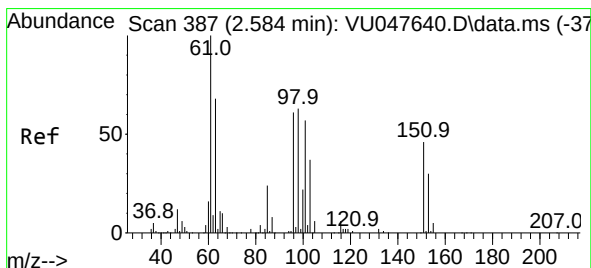
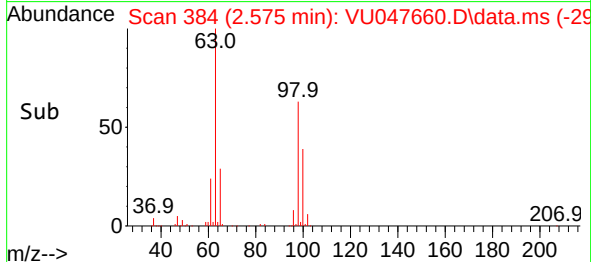
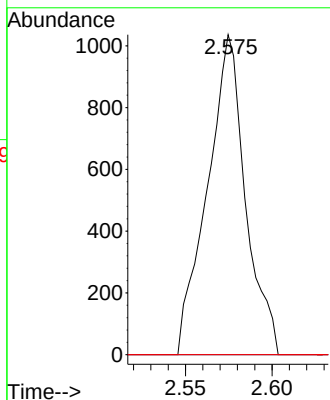
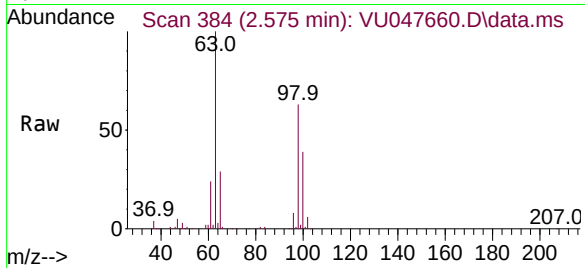




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.598 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

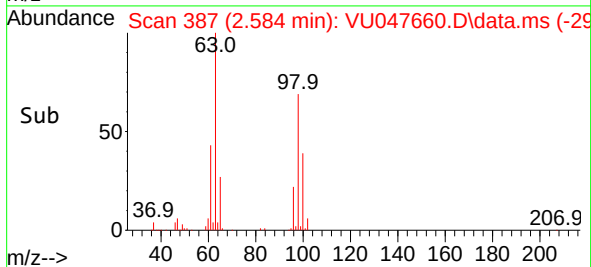
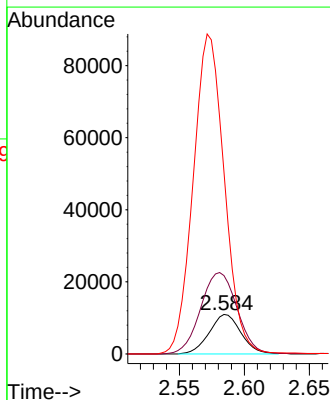
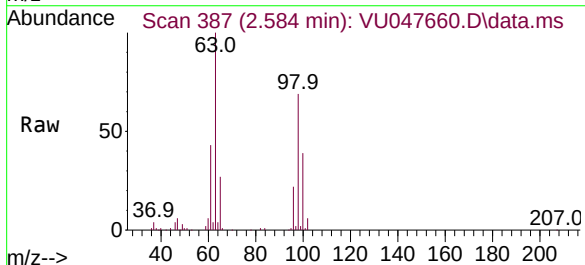
Instrument :
MSVOA_U
ClientSampleId :
EW5Y6

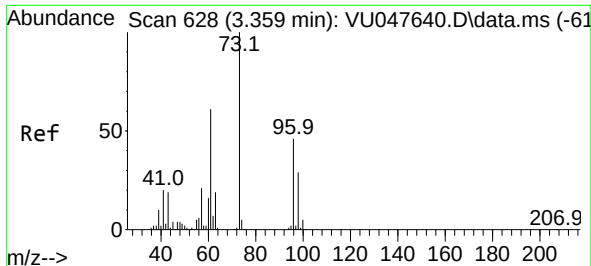
Tgt Ion:101 Resp: 1586
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 7.542 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

Tgt Ion: 96 Resp: 18600
Ion Ratio Lower Upper
96 100
61 198.3 113.1 210.1
63 461.1 94.8 176.0#

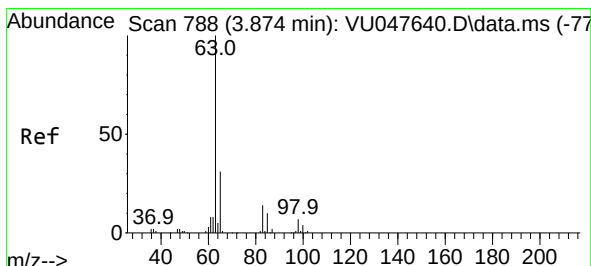
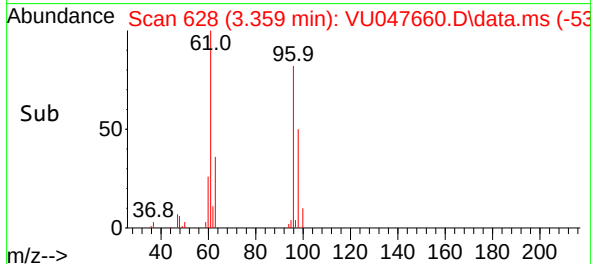
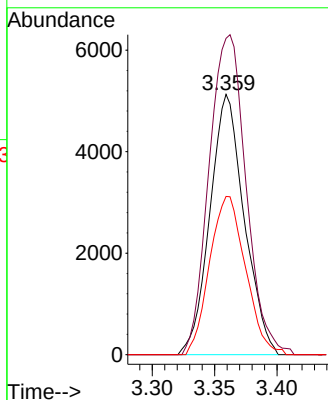
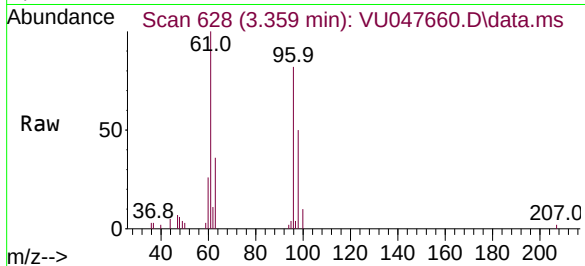




#17
trans-1,2-Dichloroethene
Concen: 3.699 ug/L
RT: 3.359 min Scan# 617
Delta R.T. -0.000 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

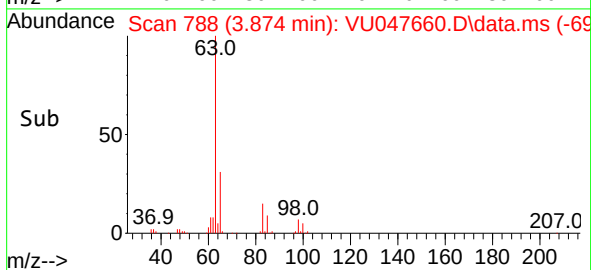
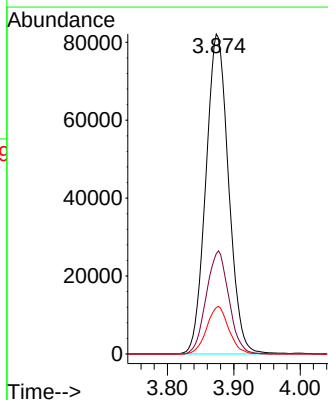
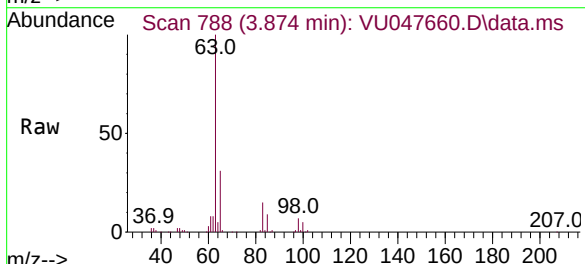
Instrument :
MSVOA_U
ClientSampleId :
EW5Y6

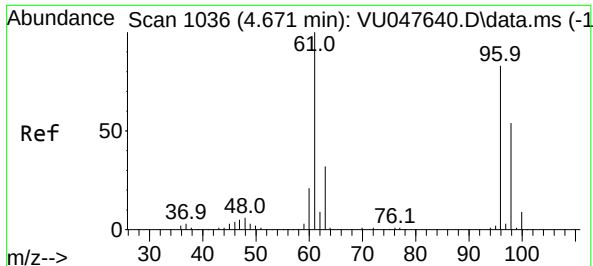
Tgt Ion: 96 Resp: 9840
Ion Ratio Lower Upper
96 100
61 121.5 88.4 164.2
98 60.8 43.3 80.5



#19
1,1-Dichloroethane
Concen: 42.614 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

Tgt Ion: 63 Resp: 195508
Ion Ratio Lower Upper
63 100
65 31.3 22.0 41.0
83 14.5 9.7 18.1

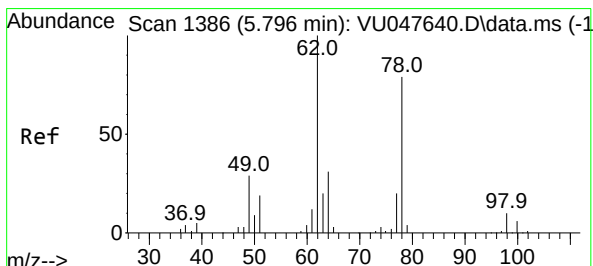
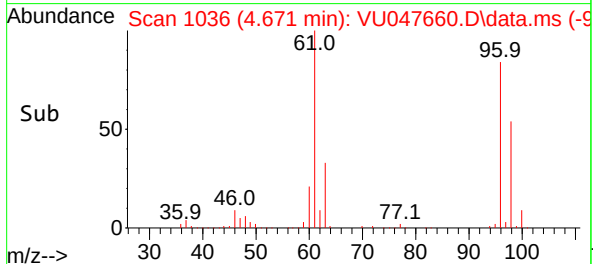
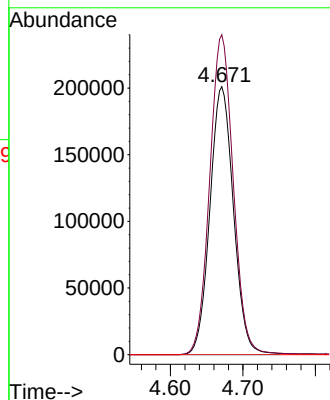
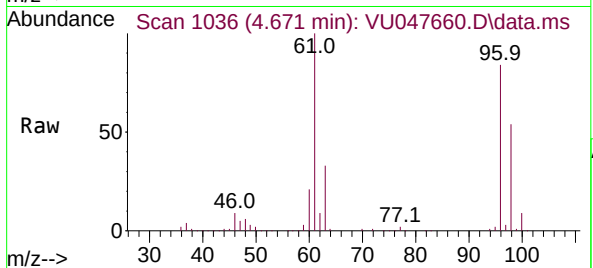




#20
cis-1,2-Dichloroethene
Concen: 155.741 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

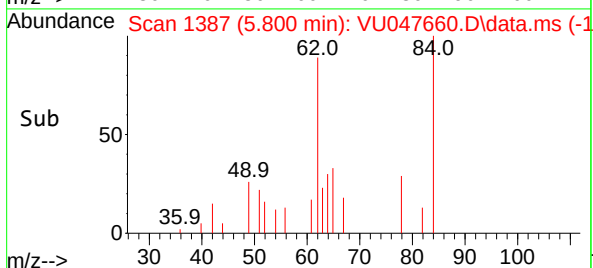
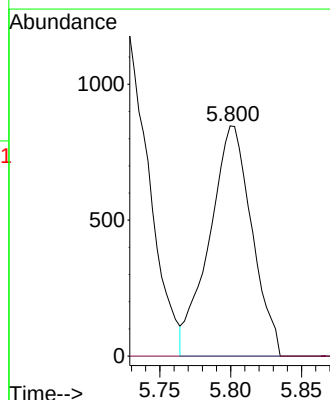
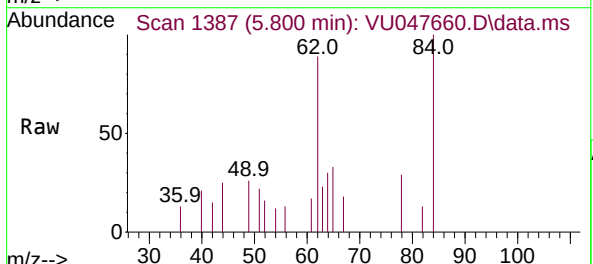
Instrument :
MSVOA_U
ClientSampleId :
EW5Y6

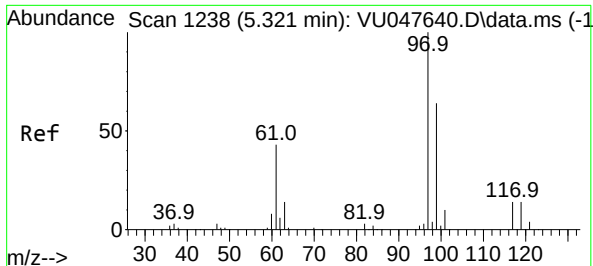
Tgt Ion: 96 Resp: 454203
Ion Ratio Lower Upper
96 100
61 119.4 80.7 149.9
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.462 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

Tgt Ion: 62 Resp: 1763
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#





#30

1,1,1-Trichloroethane

Concen: 92.761 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047660.D

Acq: 25 Mar 2022 02:02

Instrument :

MSVOA_U

ClientSampleId :

EW5Y6

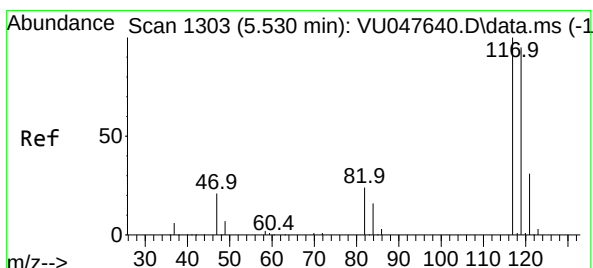
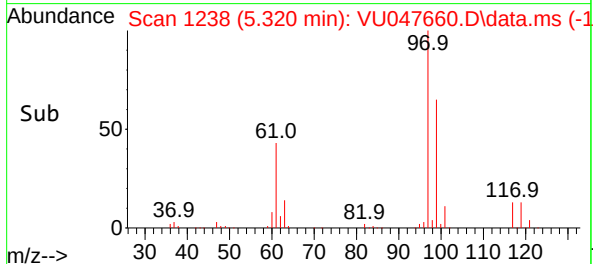
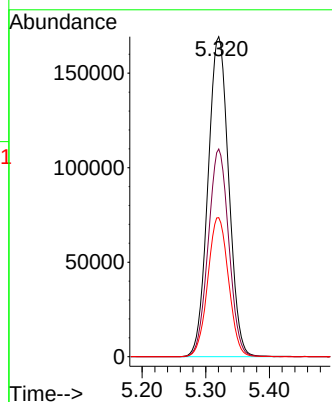
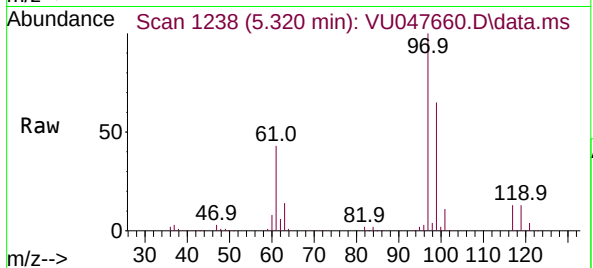
Tgt Ion: 97 Resp: 383163

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 43.6 34.2 51.4



#31

Carbon tetrachloride

Concen: 13.906 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.209 min

Lab File: VU047660.D

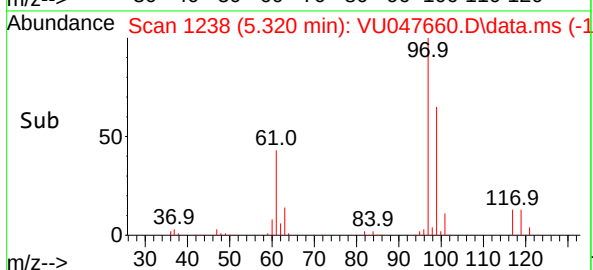
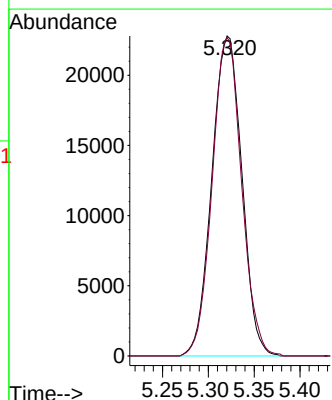
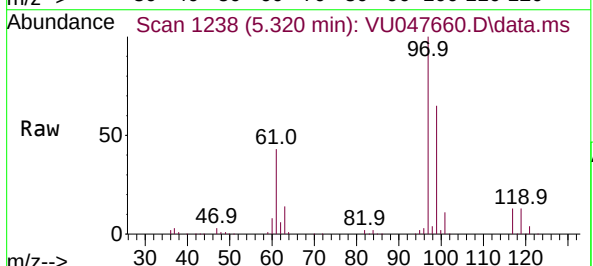
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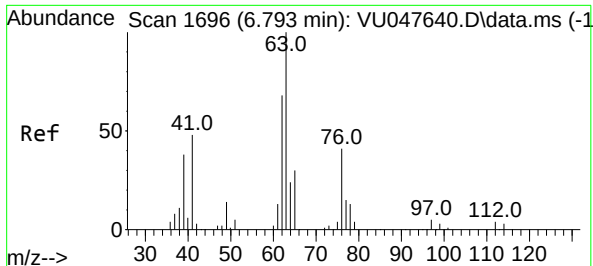
Tgt Ion: 117 Resp: 51871

Ion Ratio Lower Upper

117 100

119 97.6 77.2 115.8





#37

1,2-Dichloropropane

Concen: 4.928 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047660.D

Acq: 25 Mar 2022 02:02

Instrument :

MSVOA_U

ClientSampleId :

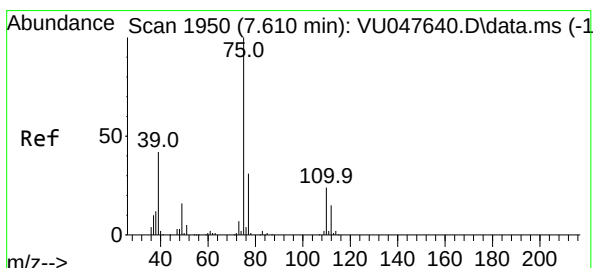
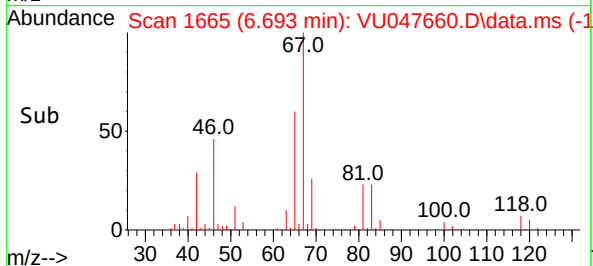
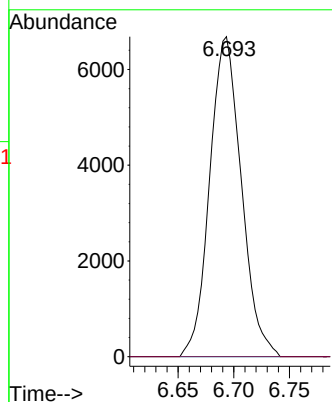
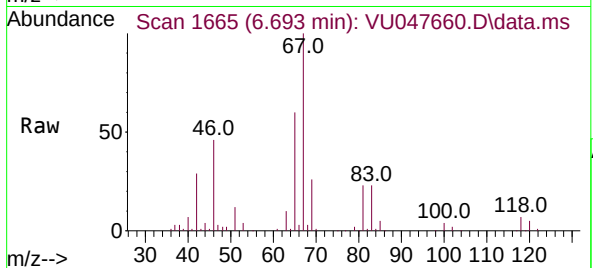
EW5Y6

Tgt Ion: 63 Resp: 13211

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.863 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047660.D

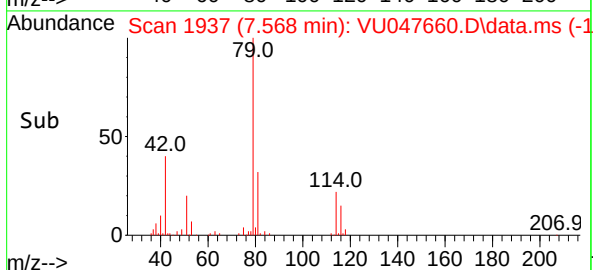
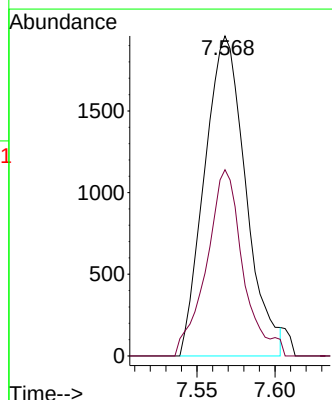
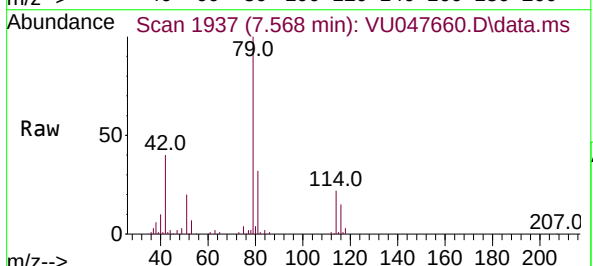
Acq: 25 Mar 2022 02:02

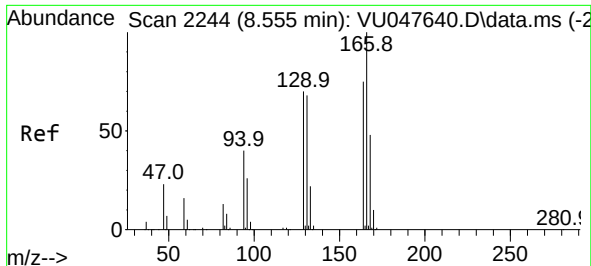
Tgt Ion: 75 Resp: 3590

Ion Ratio Lower Upper

75 100

77 58.2 21.8 40.6#

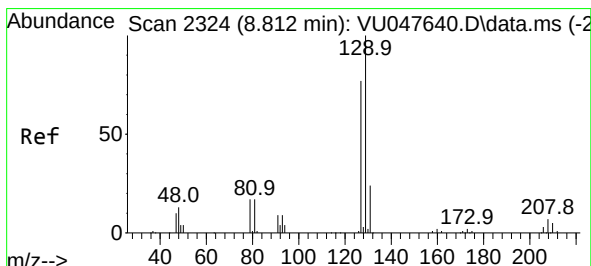
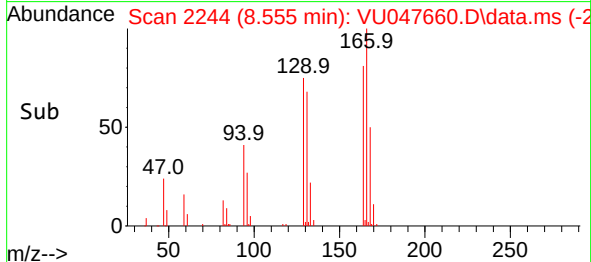
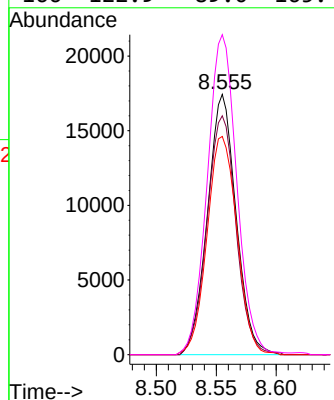
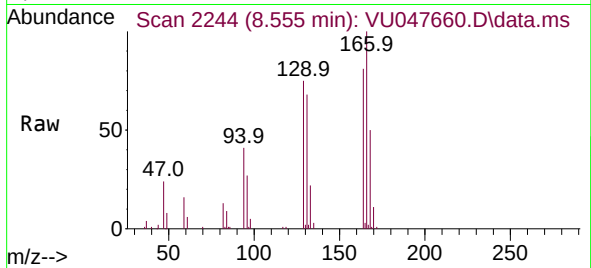




#46
Tetrachloroethene
Concen: 11.651 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

Instrument :
MSVOA_U
ClientSampleId :
EW5Y6

Tgt Ion:164 Resp: 28945
Ion Ratio Lower Upper
164 100
129 91.7 62.4 116.0
131 83.8 60.7 112.7
166 122.9 89.0 165.4



#49
Dibromochloromethane
Concen: 8.180 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

Tgt Ion:129 Resp: 26934
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#

