

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047689.D
 Acq On : 25 Mar 2022 21:49
 Operator : SY/MD
 Sample : N2082-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW606

Quant Time: Mar 26 04:23:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

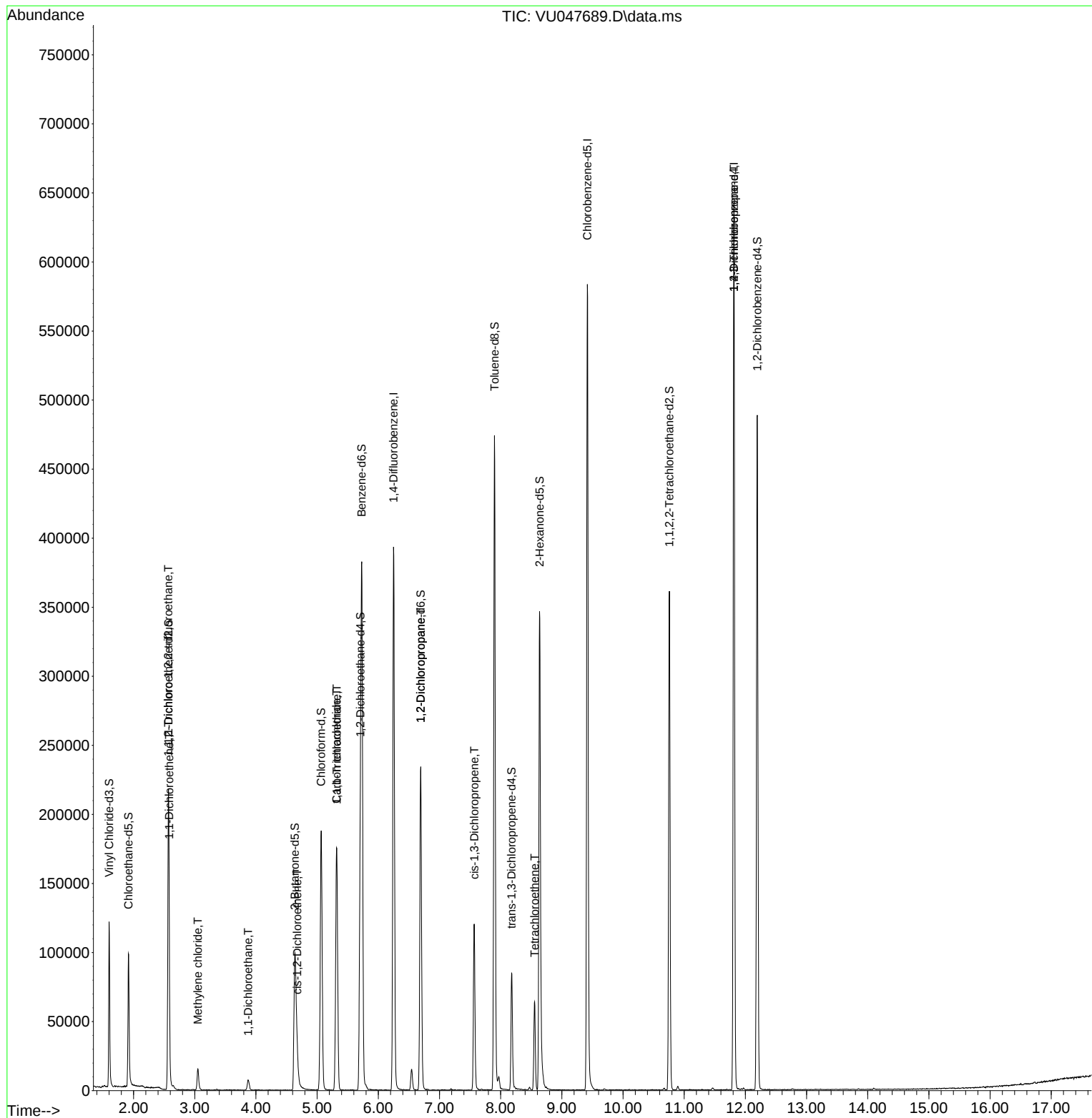
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	333186	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	178970	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	86666	35.870	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.740%		
7) Chloroethane-d5	1.916	69	74781	39.252	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.500%		
11) 1,1-Dichloroethene-d2	2.572	63	125732	28.443	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.880%#		
21) 2-Butanone-d5	4.636	46	171241	82.572	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.570%		
24) Chloroform-d	5.067	84	173844	39.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.640%		
26) 1,2-Dichloroethane-d4	5.707	65	111630	41.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.340%		
32) Benzene-d6	5.729	84	354853	41.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.440%		
36) 1,2-Dichloropropane-d6	6.694	67	113147	42.799	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.600%		
41) Toluene-d8	7.899	98	323234	38.540	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.080%#		
43) trans-1,3-Dichloroprop...	8.179	79	48337	36.090	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.180%		
47) 2-Hexanone-d5	8.636	63	123288	79.663	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.660%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	176405	38.881	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.760%		
66) 1,2-Dichlorobenzene-d4	12.195	152	138388	43.463	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.920%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1119	0.456	ug/L #	18
12) 1,1-Dichloroethene	2.581	96	4756	2.081	ug/L #	1
16) Methylene chloride	3.051	84	7666	2.923	ug/L	91
19) 1,1-Dichloroethane	3.874	63	9261	2.178	ug/L	96
20) cis-1,2-Dichloroethene	4.674	96	5080	1.880	ug/L	94
30) 1,1,1-Trichloroethane	5.321	97	128288	33.072	ug/L	99
31) Carbon tetrachloride	5.317	117	17353	4.954	ug/L	99
37) 1,2-Dichloropropane	6.694	63	11760	4.672	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3186	0.816	ug/L #	72
46) Tetrachloroethene	8.555	164	15290	6.554	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	19008	5.634	ug/L #	67

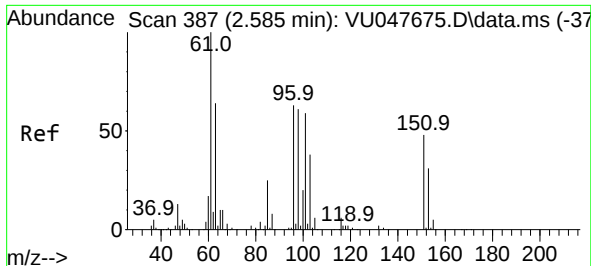
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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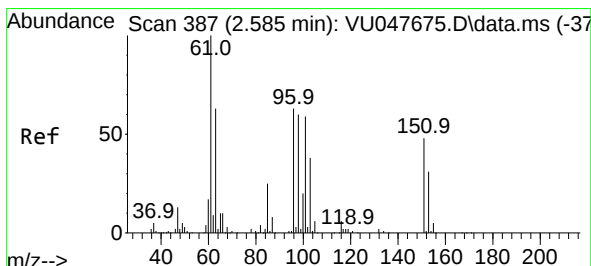
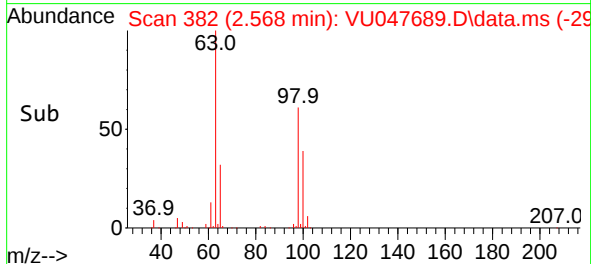
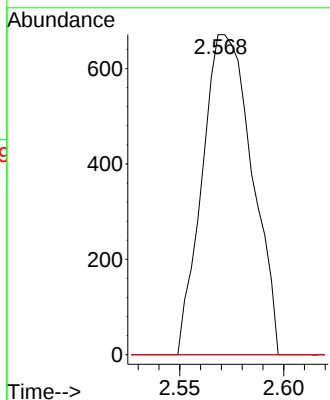
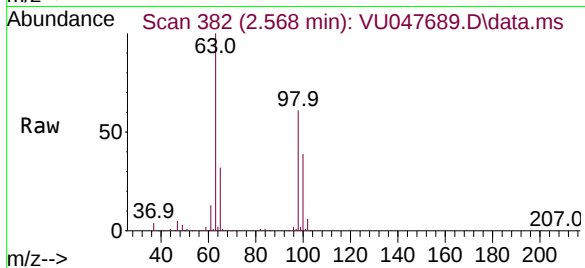




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.456 ug/L
 RT: 2.568 min Scan# 311
 Delta R.T. -0.016 min
 Lab File: VU047689.D
 Acq: 25 Mar 2022 21:49

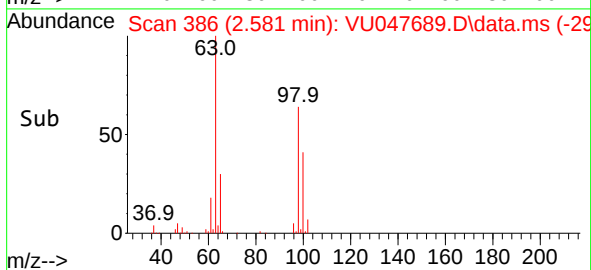
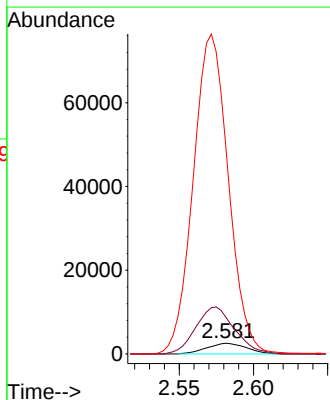
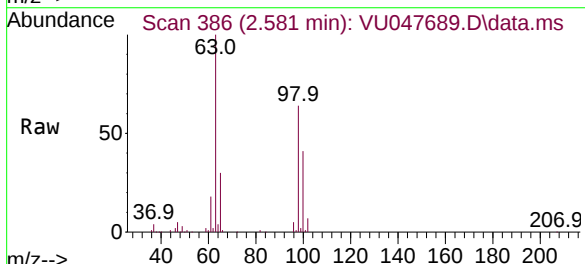
Instrument :
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 ClientSampleId :
 EW606

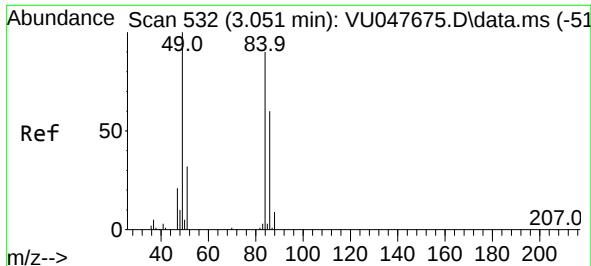
Tgt Ion:101 Resp: 1119
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 2.081 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU047689.D
 Acq: 25 Mar 2022 21:49

Tgt Ion: 96 Resp: 4756
 Ion Ratio Lower Upper
 96 100
 61 347.2 113.1 210.1#
 63 1956.2 94.8 176.0#

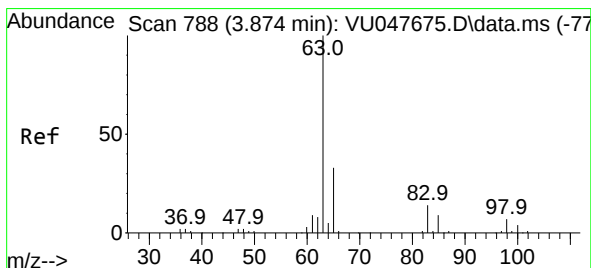
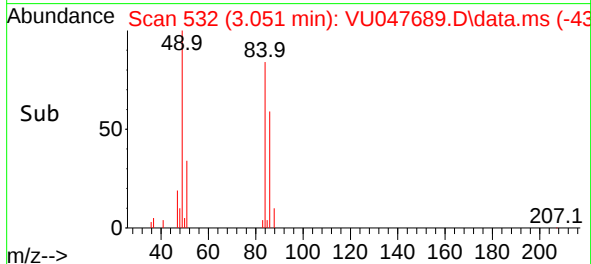
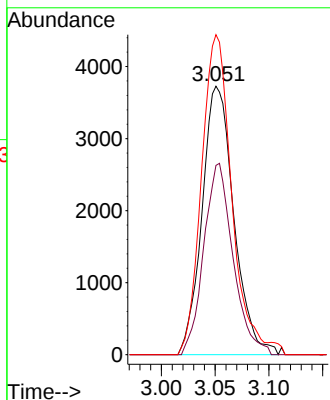
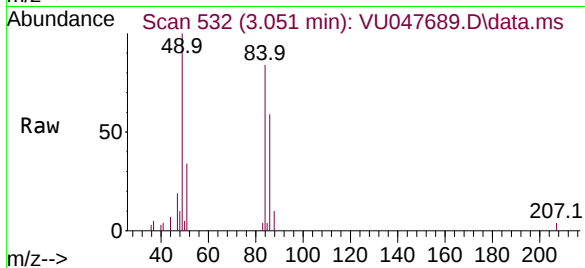




#16
Methylene chloride
Concen: 2.923 ug/L
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047689.D
Acq: 25 Mar 2022 21:49

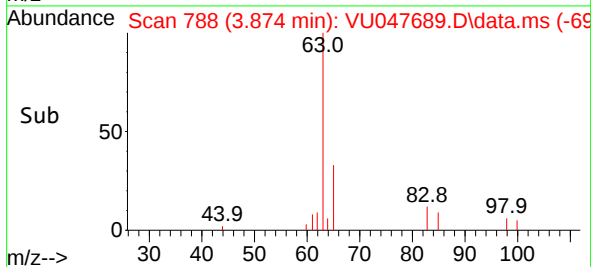
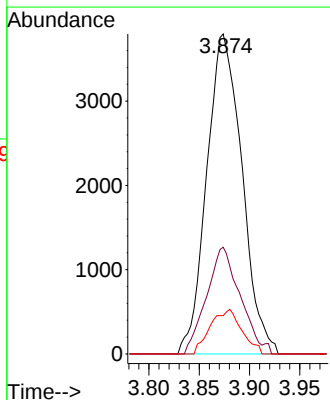
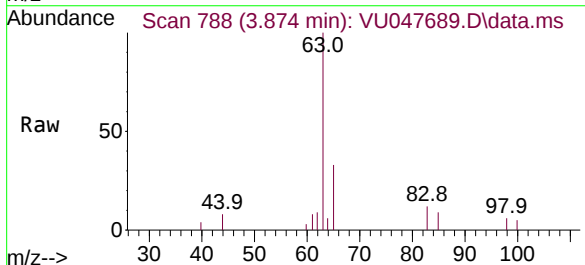
Instrument :
MSVOA_U
ClientSampleId :
EW606

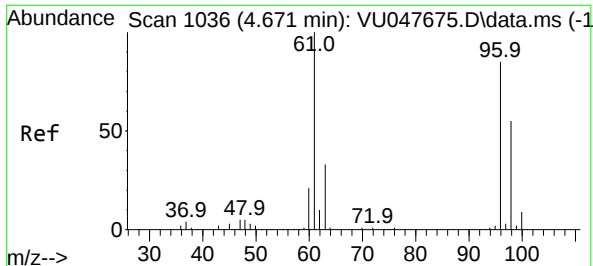
Tgt Ion: 84 Resp: 7666
Ion Ratio Lower Upper
84 100
86 70.5 46.0 85.4
49 119.2 75.3 139.8



#19
1,1-Dichloroethane
Concen: 2.178 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047689.D
Acq: 25 Mar 2022 21:49

Tgt Ion: 63 Resp: 9261
Ion Ratio Lower Upper
63 100
65 33.4 22.0 41.0
83 12.0 9.7 18.1

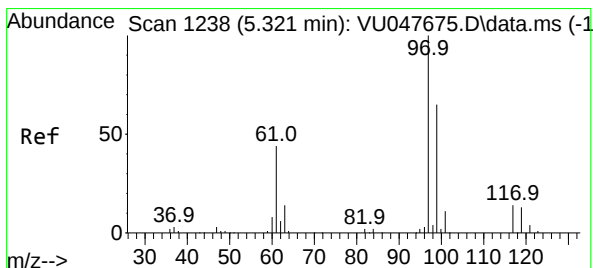
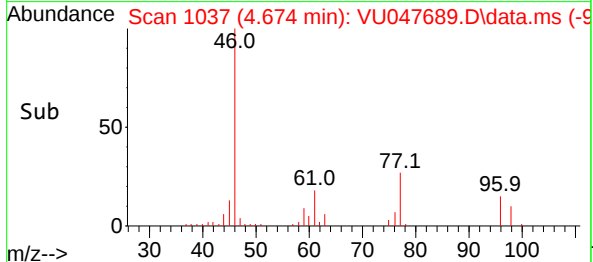
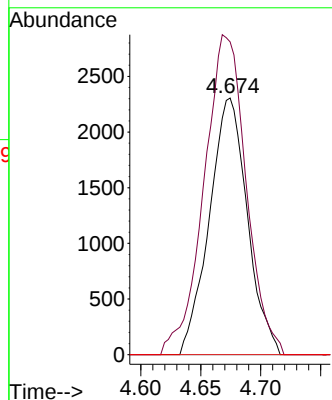
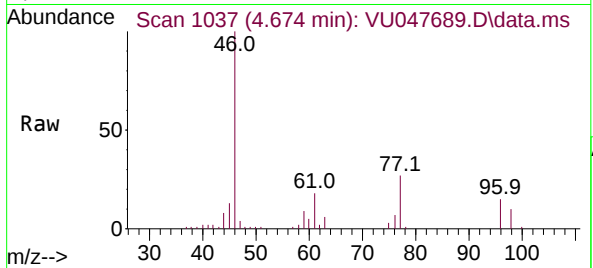




#20
 cis-1,2-Dichloroethene
 Concen: 1.880 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU047689.D
 Acq: 25 Mar 2022 21:49

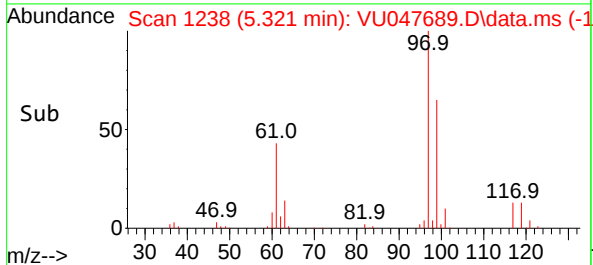
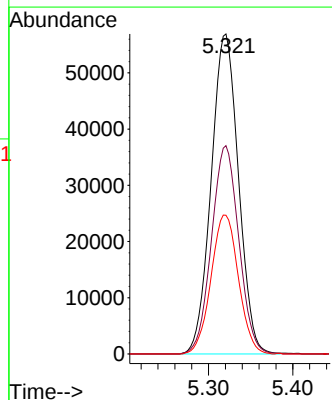
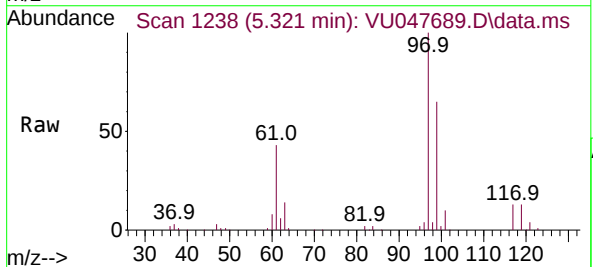
Instrument :
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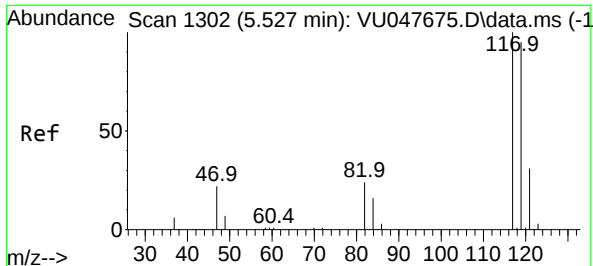
Tgt Ion: 96 Resp: 5080
 Ion Ratio Lower Upper
 96 100
 61 121.9 80.7 149.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 33.072 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU047689.D
 Acq: 25 Mar 2022 21:49

Tgt Ion: 97 Resp: 128288
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.6 77.4
 61 43.5 34.2 51.4

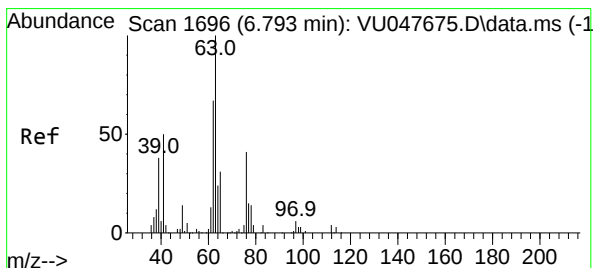
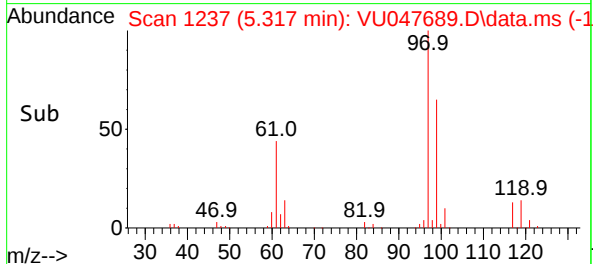
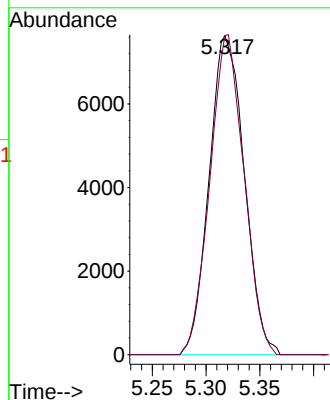
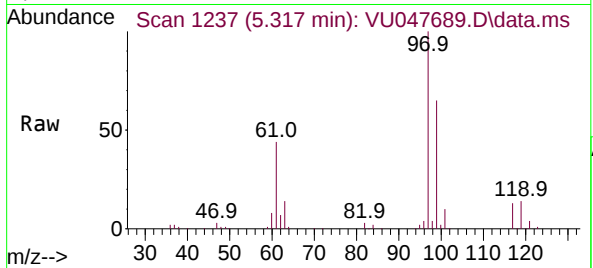




#31
Carbon tetrachloride
Concen: 4.954 ug/L
RT: 5.317 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU047689.D
Acq: 25 Mar 2022 21:49

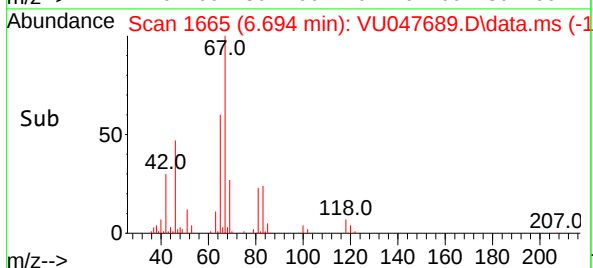
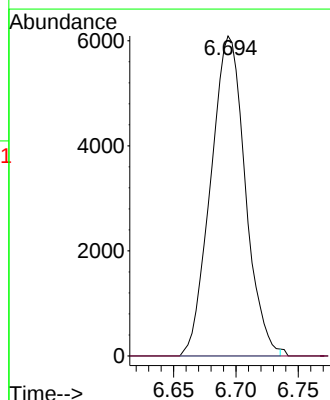
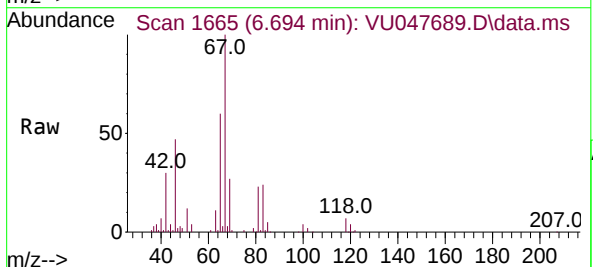
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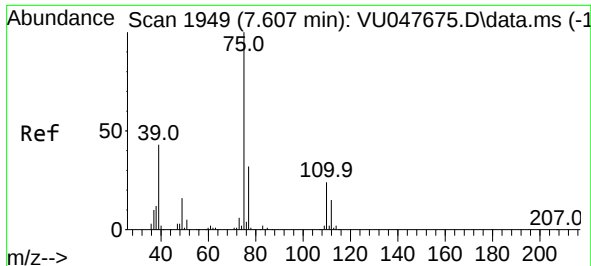
Tgt Ion:117 Resp: 17353
Ion Ratio Lower Upper
117 100
119 97.1 77.2 115.8



#37
1,2-Dichloropropane
Concen: 4.672 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047689.D
Acq: 25 Mar 2022 21:49

Tgt Ion: 63 Resp: 11760
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.816 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU047689.D

Acq: 25 Mar 2022 21:49

Instrument :

MSVOA_U

ClientSampleId :

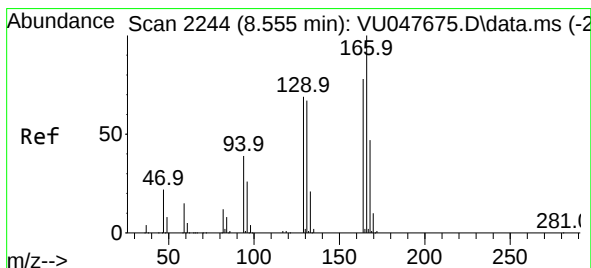
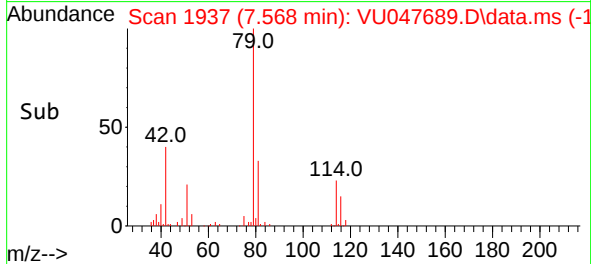
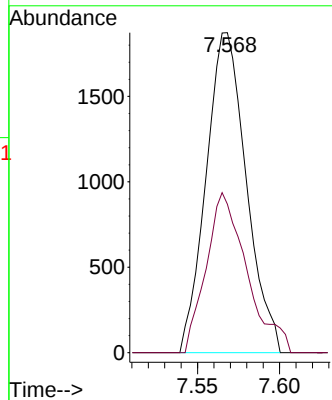
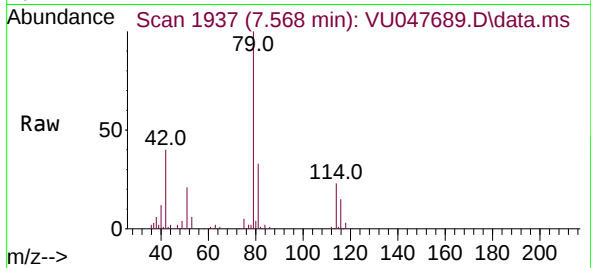
EW606

Tgt Ion: 75 Resp: 3186

Ion Ratio Lower Upper

75 100

77 46.4 21.8 40.6#



#46

Tetrachloroethene

Concen: 6.554 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047689.D

Acq: 25 Mar 2022 21:49

Tgt Ion: 164 Resp: 15290

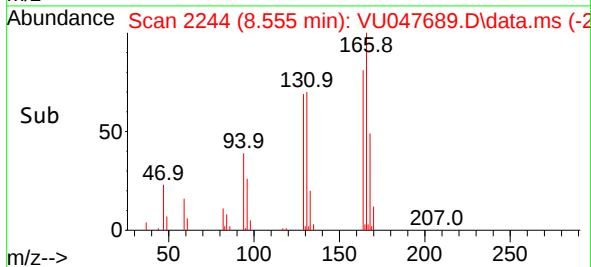
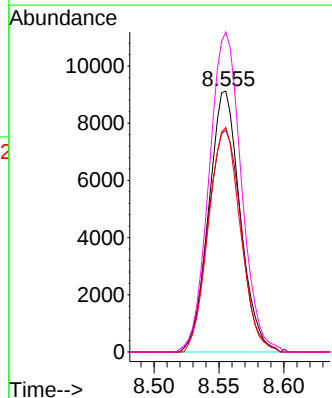
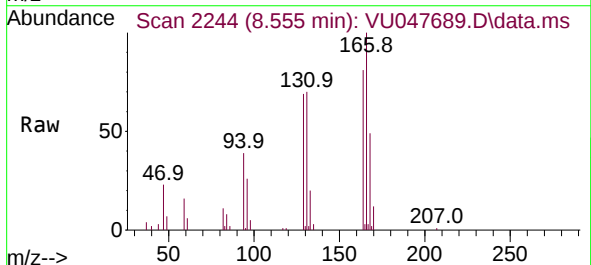
Ion Ratio Lower Upper

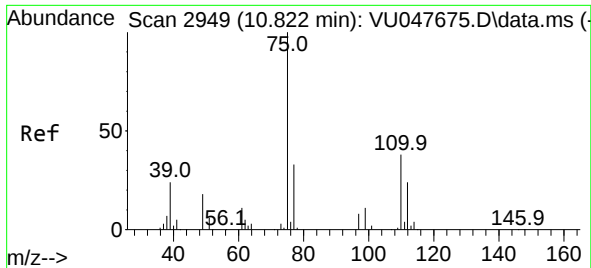
164 100

129 85.1 62.4 116.0

131 86.2 60.7 112.7

166 122.7 89.0 165.4





#60
 1,2,3-Trichloropropane
 Concen: 5.634 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU047689.D
 Acq: 25 Mar 2022 21:49

Instrument :
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 EW606

Tgt Ion: 75 Resp: 19008
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.0 39.0
 110 2.4 31.4 47.2#

