

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047674.D
 Acq On : 25 Mar 2022 15:30
 Operator : SY/MD
 Sample : N2081-11DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X8DL

Quant Time: Mar 26 02:09:43 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)

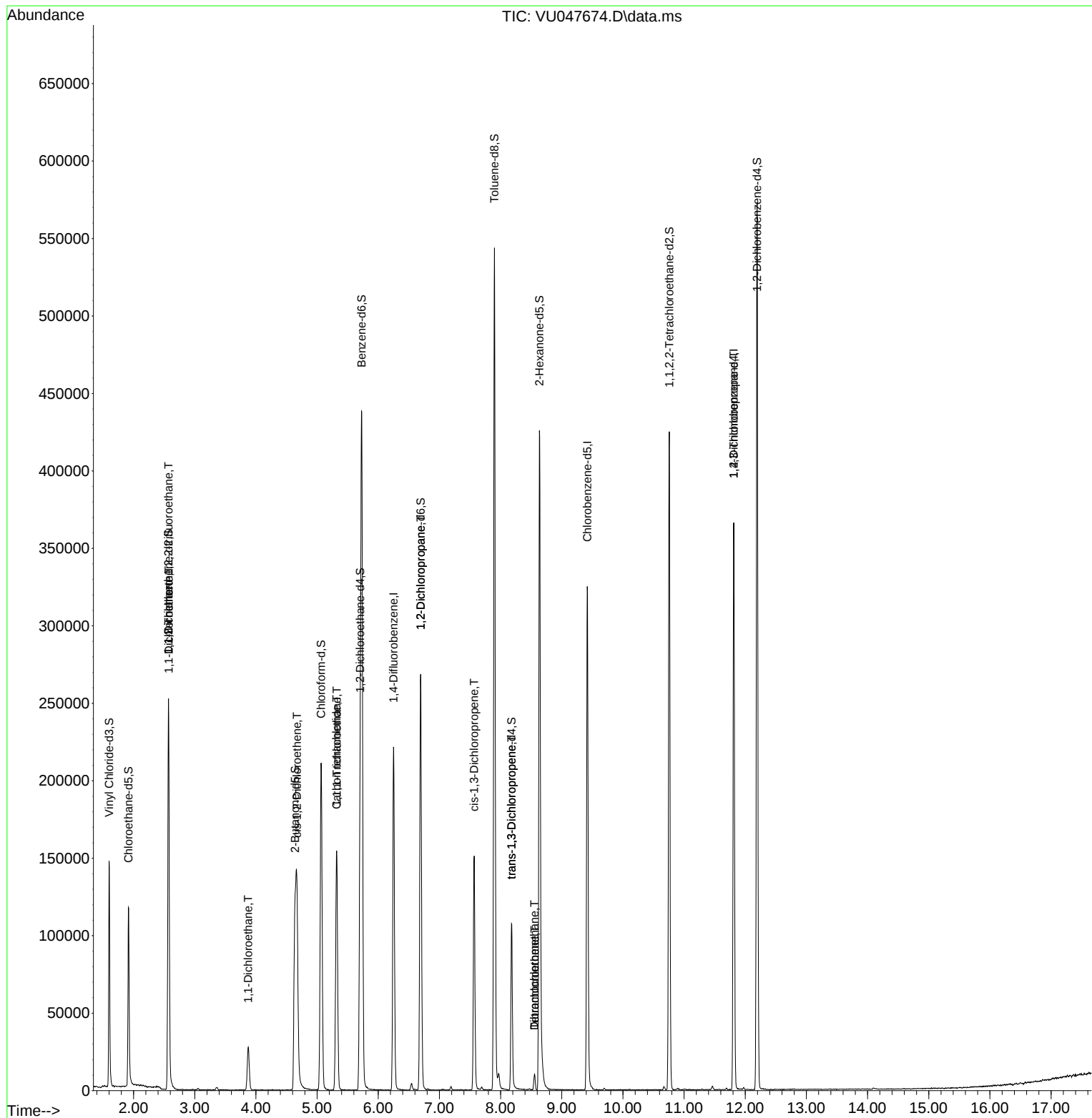
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	187621	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	194018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	104784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	106163	78.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 156.060%#			
7) Chloroethane-d5	1.916	69	89450	83.380	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 166.760%#			
11) 1,1-Dichloroethene-d2	2.572	63	145178	58.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.640%			
21) 2-Butanone-d5	4.639	46	212222	181.728	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 181.730%#			
24) Chloroform-d	5.067	84	198963	79.922	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 159.840%#			
26) 1,2-Dichloroethane-d4	5.703	65	131055	85.834	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 171.660%#			
32) Benzene-d6	5.729	84	405773	83.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 166.240%#			
36) 1,2-Dichloropropane-d6	6.694	67	128723	85.854	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 171.700%#			
41) Toluene-d8	7.899	98	368420	77.455	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 154.920%#			
43) trans-1,3-Dichloroprop...	8.179	79	59524	78.364	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 156.720%#			
47) 2-Hexanone-d5	8.636	63	153690	175.105	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 175.110%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	204280	79.391	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 158.780%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	157437	84.452	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 168.900%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1469	1.062	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	2993	2.326	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	31778	13.274	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	51236	33.667	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	111396	50.635	ug/L	99
31) Carbon tetrachloride	5.317	117	14598	7.348	ug/L	97
37) 1,2-Dichloropropane	6.694	63	13912	9.745	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3648	1.647	ug/L #	52
44) trans-1,3-Dichloropropene	8.179	75	2871	1.298	ug/L #	78
46) Tetrachloroethene	8.555	164	2367	1.789	ug/L	95
49) Dibromochloromethane	8.552	129	2294	1.308	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	11036	5.587	ug/L #	67

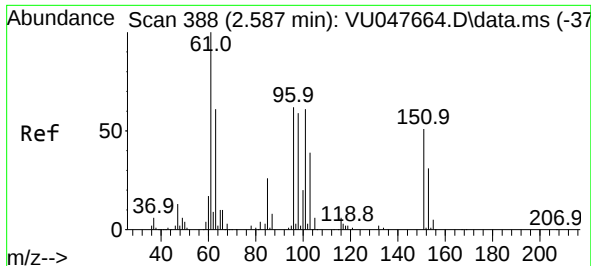
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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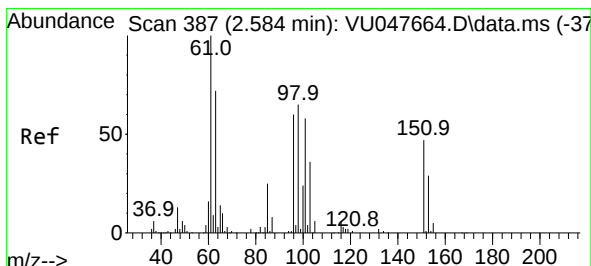
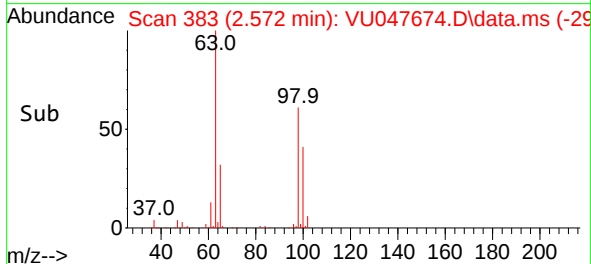
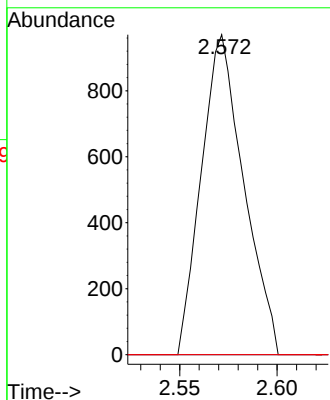
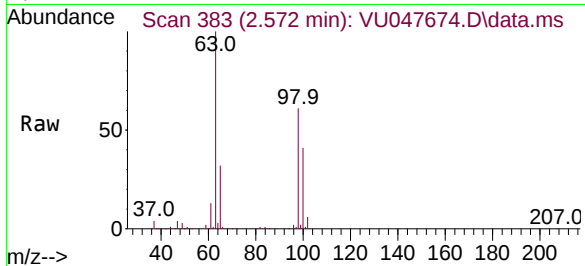




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.062 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU047674.D
Acq: 25 Mar 2022 15:30

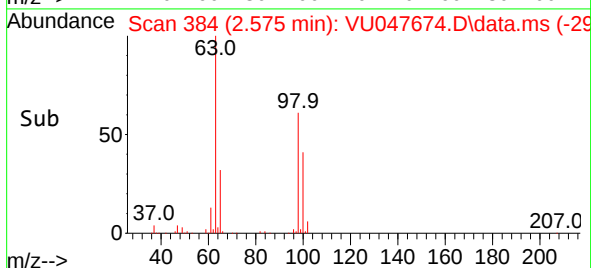
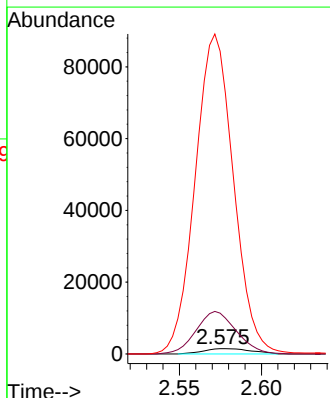
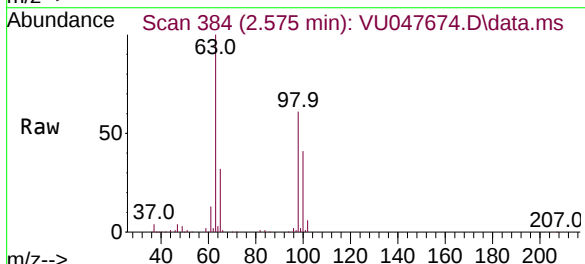
Instrument :
MSVOA_U
ClientSampleId :
EW5X8DL

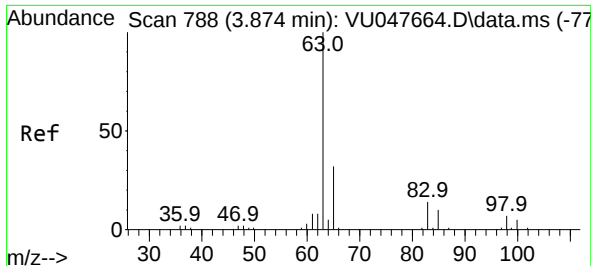
Tgt Ion:101 Resp: 1469
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 2.326 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.009 min
Lab File: VU047674.D
Acq: 25 Mar 2022 15:30

Tgt Ion: 96 Resp: 2993
Ion Ratio Lower Upper
96 100
61 760.1 113.1 210.1#
63 5642.8 94.8 176.0#

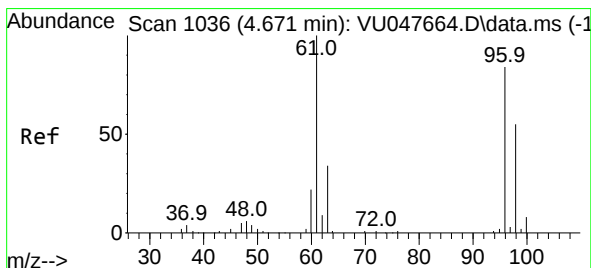
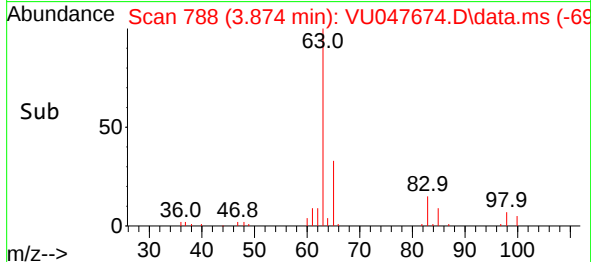
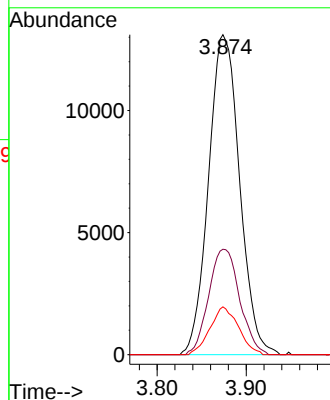
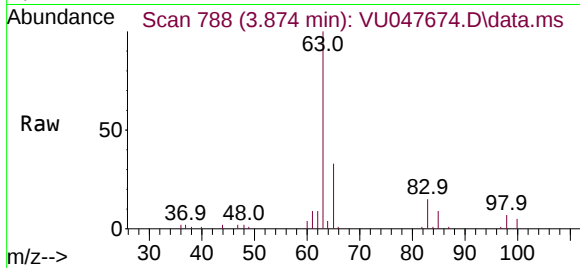




#19
1,1-Dichloroethane
Concen: 13.274 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047674.D
Acq: 25 Mar 2022 15:30

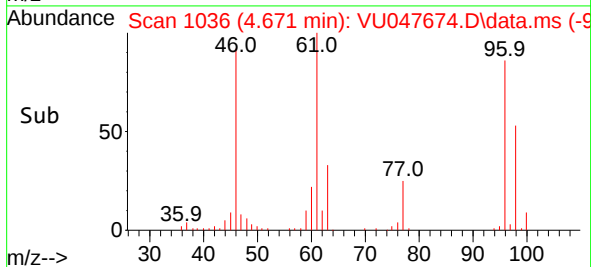
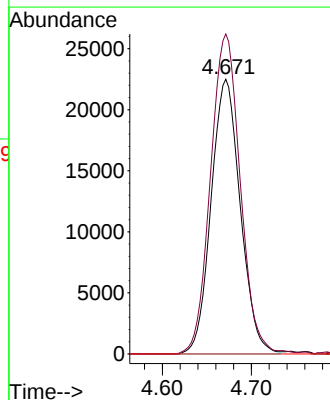
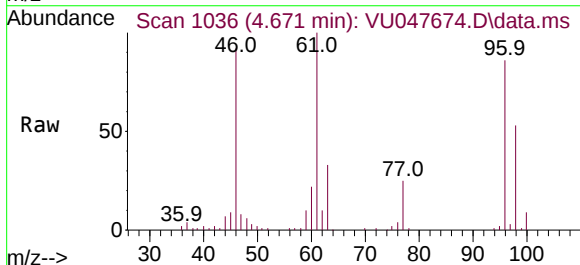
Instrument :
MSVOA_U
ClientSampleId :
EW5X8DL

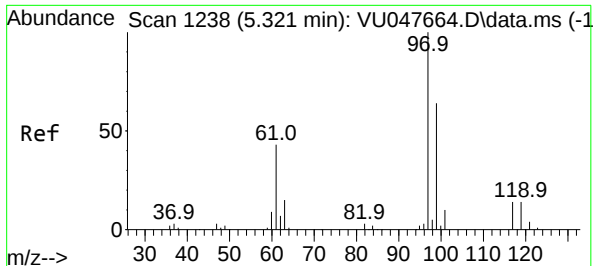
Tgt Ion:	63	Resp:	31778
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.0	41.0
83	15.0	9.7	18.1



#20
cis-1,2-Dichloroethene
Concen: 33.667 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047674.D
Acq: 25 Mar 2022 15:30

Tgt Ion:	96	Resp:	51236
Ion	Ratio	Lower	Upper
96	100		
61	116.5	80.7	149.9
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 50.635 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047674.D

Acq: 25 Mar 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

EW5X8DL

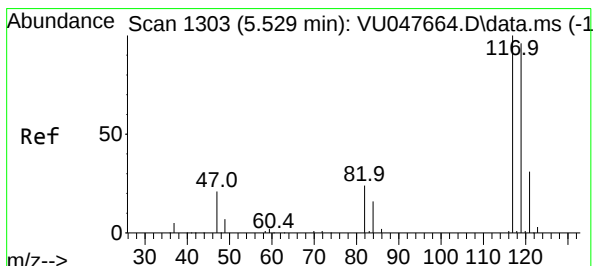
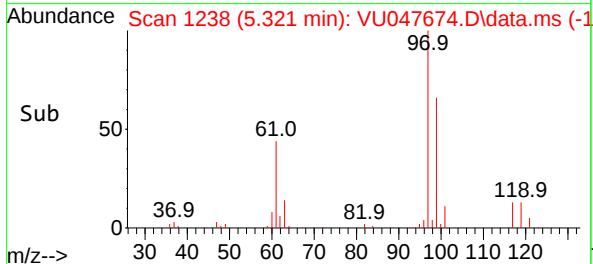
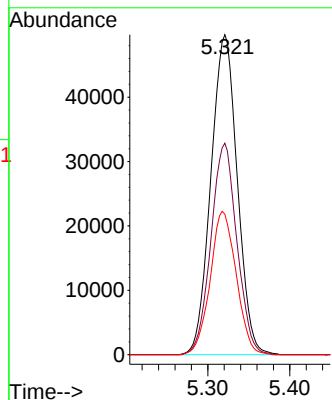
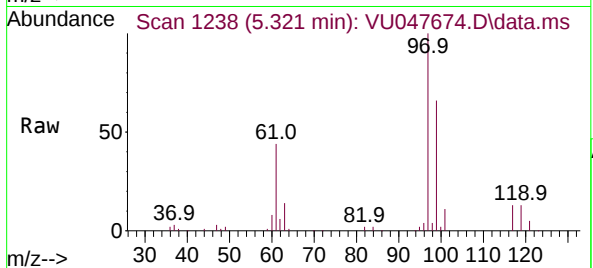
Tgt Ion: 97 Resp: 111396

Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 44.1 34.2 51.4



#31

Carbon tetrachloride

Concen: 7.348 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.212 min

Lab File: VU047674.D

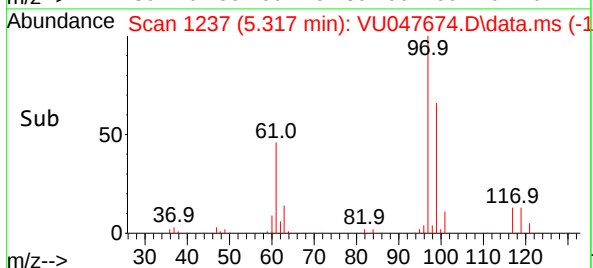
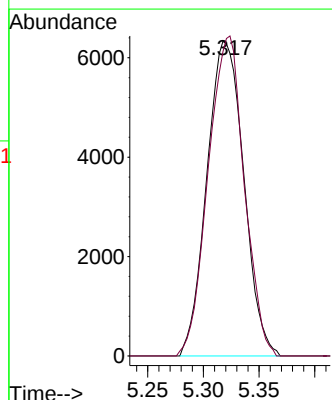
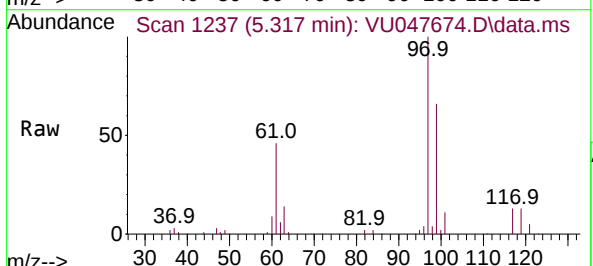
Acq: 25 Mar 2022 15:30

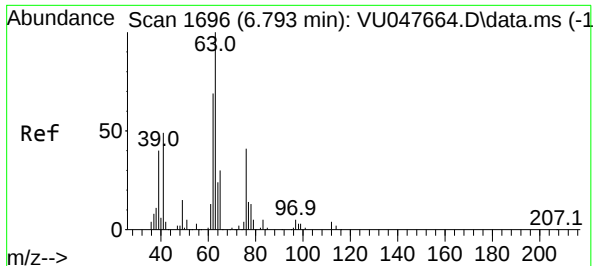
Tgt Ion: 117 Resp: 14598

Ion Ratio Lower Upper

117 100

119 99.2 77.2 115.8





#37

1,2-Dichloropropane

Concen: 9.745 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU047674.D

Acq: 25 Mar 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

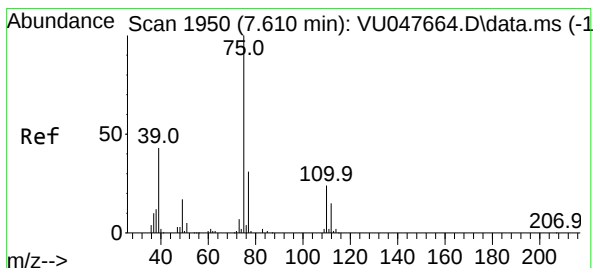
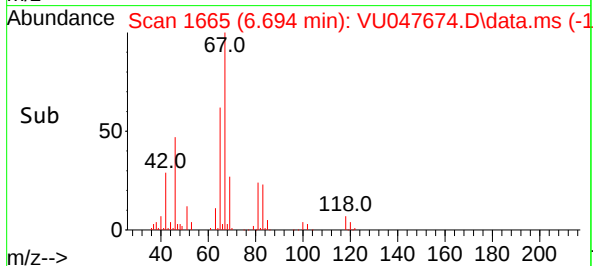
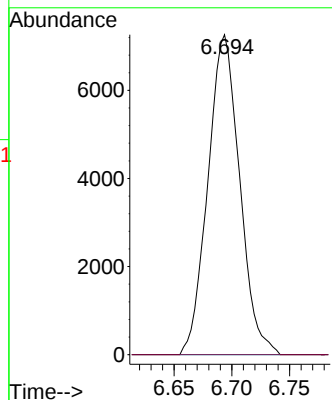
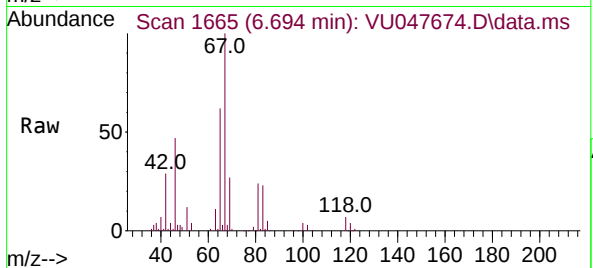
EW5X8DL

Tgt Ion: 63 Resp: 13912

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 1.647 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047674.D

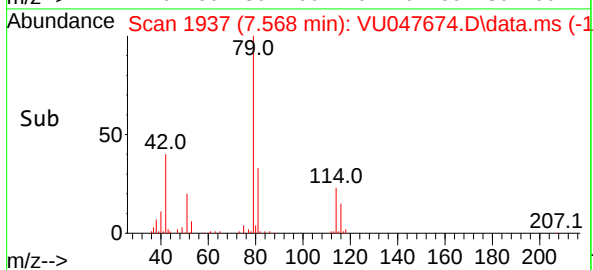
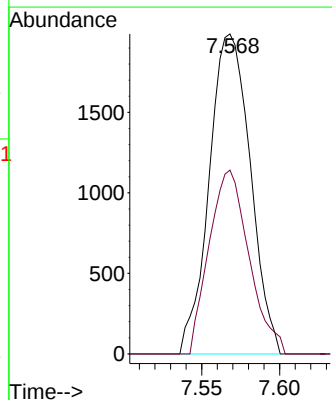
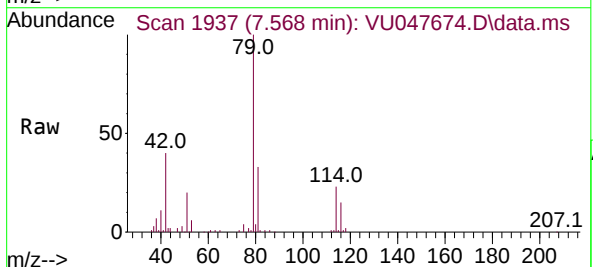
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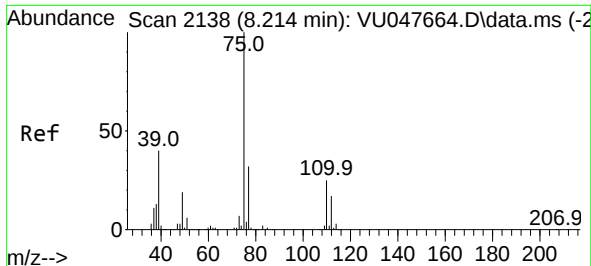
Tgt Ion: 75 Resp: 3648

Ion Ratio Lower Upper

75 100

77 57.4 21.8 40.6#

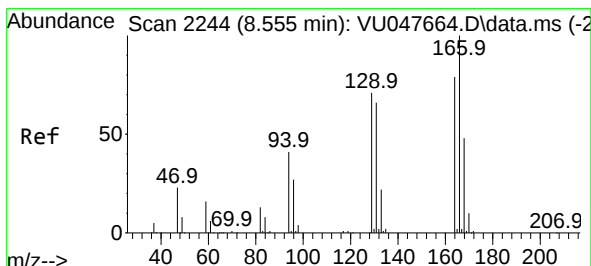
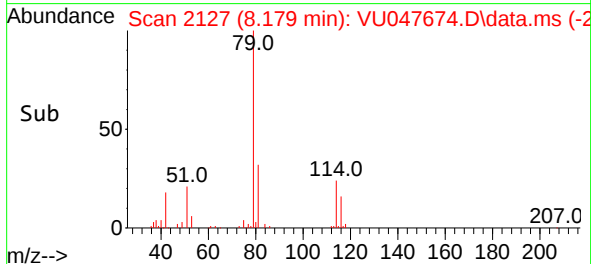
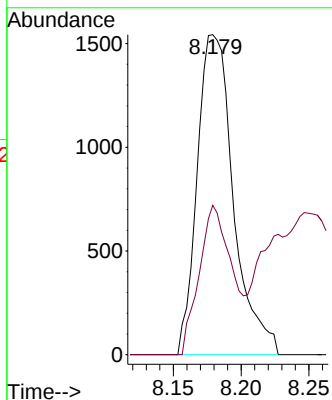
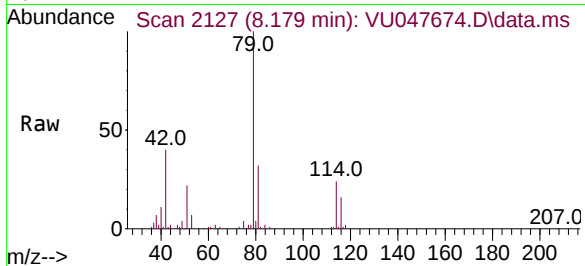




#44
trans-1,3-Dichloropropene
Concen: 1.298 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU047674.D
Acq: 25 Mar 2022 15:30

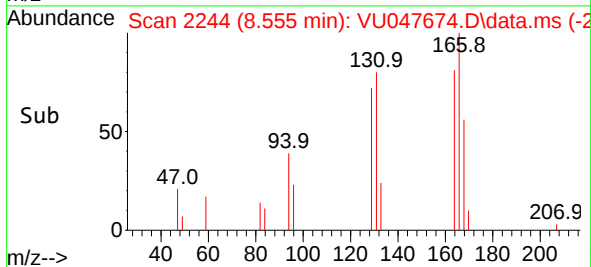
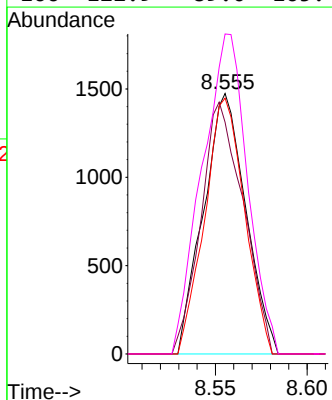
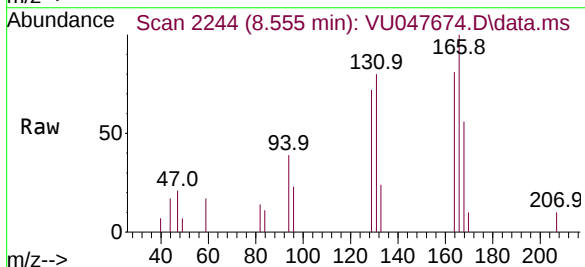
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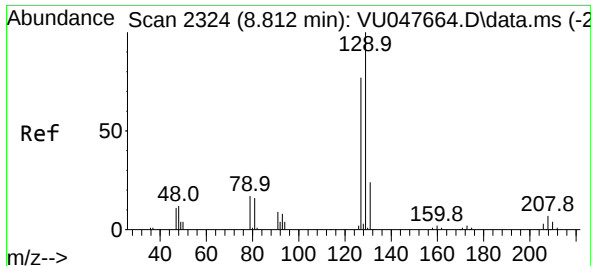
Tgt Ion: 75 Resp: 2871
Ion Ratio Lower Upper
75 100
77 43.4 22.0 40.8#



#46
Tetrachloroethene
Concen: 1.789 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047674.D
Acq: 25 Mar 2022 15:30

Tgt Ion:164 Resp: 2367
Ion Ratio Lower Upper
164 100
129 88.9 62.4 116.0
131 98.2 60.7 112.7
166 122.9 89.0 165.4





#49

Dibromochloromethane

Concen: 1.308 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU047674.D

Acq: 25 Mar 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

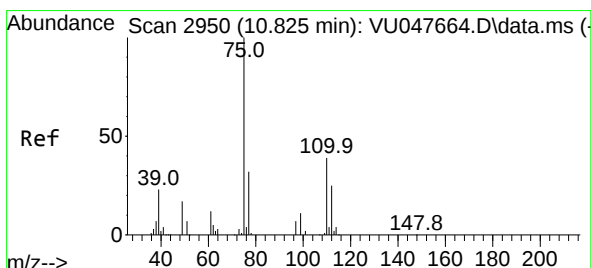
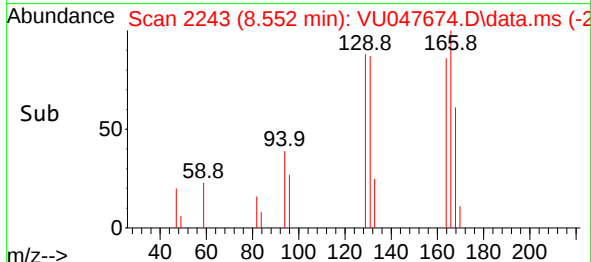
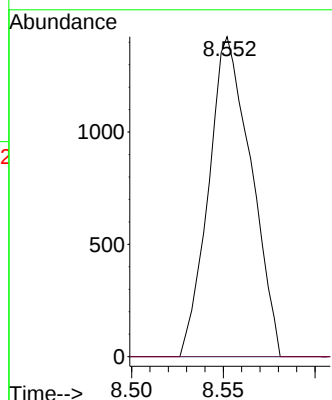
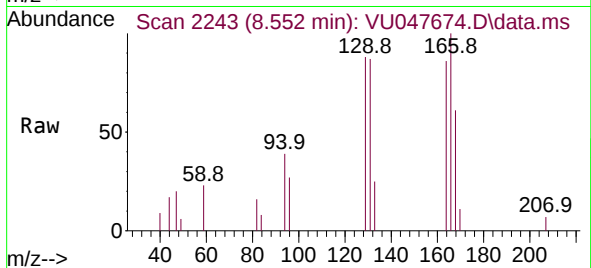
EW5X8DL

Tgt Ion:129 Resp: 2294

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#60

1,2,3-Trichloropropane

Concen: 5.587 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047674.D

Acq: 25 Mar 2022 15:30

Tgt Ion: 75 Resp: 11036

Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0

110 2.9 31.4 47.2#

