

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047669.D
 Acq On : 25 Mar 2022 12:57
 Operator : SY/MD
 Sample : N2081-05DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

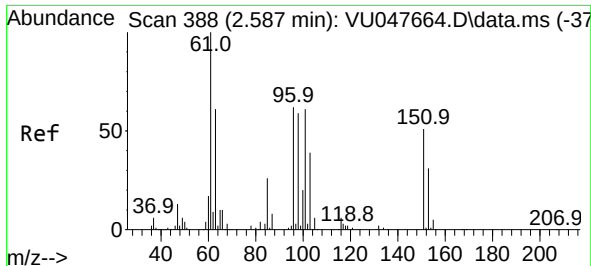
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X4DL

Quant Time: Mar 26 02:08:20 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	129669	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	135526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70437	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	80964	86.103	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	172.200%#	
7) Chloroethane-d5	1.919	69	68491	92.376	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	184.760%#	
11) 1,1-Dichloroethene-d2	2.571	63	108347	62.978	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	125.960%#	
21) 2-Butanone-d5	4.636	46	150376	186.318	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	186.320%#	
24) Chloroform-d	5.066	84	147102	85.498	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	171.000%#	
26) 1,2-Dichloroethane-d4	5.706	65	96324	91.282	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	182.560%#	
32) Benzene-d6	5.729	84	299732	87.892	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	175.780%#	
36) 1,2-Dichloropropane-d6	6.693	67	94113	89.862	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	179.720%#	
41) Toluene-d8	7.899	98	270930	81.543	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	163.080%#	
43) trans-1,3-Dichloroprop...	8.182	79	42891	80.837	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	161.680%#	
47) 2-Hexanone-d5	8.635	63	106305	173.391	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	173.390%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	146627	81.579	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	163.160%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	114259	91.178	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	182.360%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1013	1.060	ug/L #	18
12) 1,1-Dichloroethene	2.584	96	2331	2.621	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	16801	10.154	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	1211	1.151	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	63510	41.328	ug/L	99
31) Carbon tetrachloride	5.317	117	8335	6.007	ug/L	99
35) Methylcyclohexane	6.693	83	22203	14.191	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	10181	10.209	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2678	1.731	ug/L #	69
46) Tetrachloroethene	8.555	164	2435	2.635	ug/L	92
49) Dibromochloromethane	8.555	129	2291	1.870	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	7308	5.504	ug/L #	65

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.060 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

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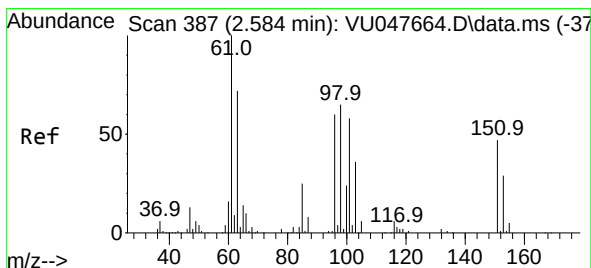
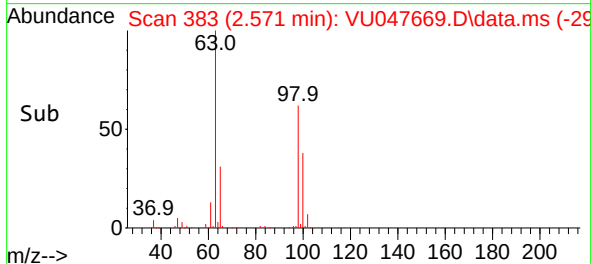
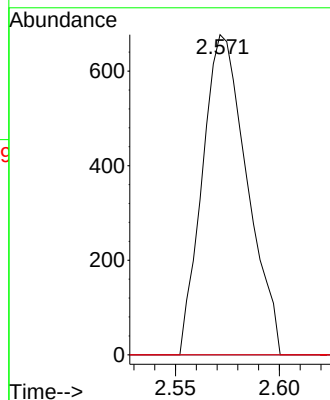
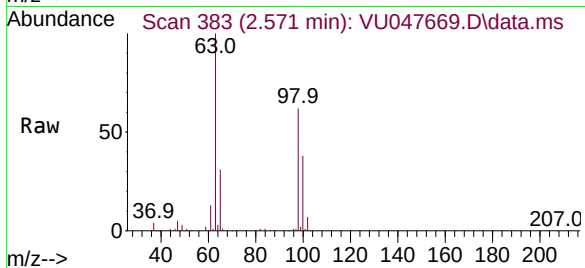
Tgt Ion:101 Resp: 1013

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: 2.621 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047669.D

Acq: 25 Mar 2022 12:57

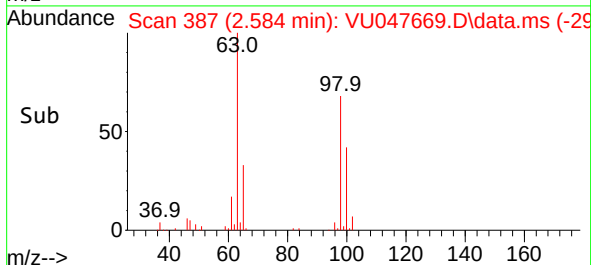
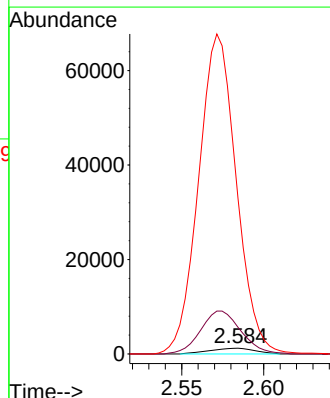
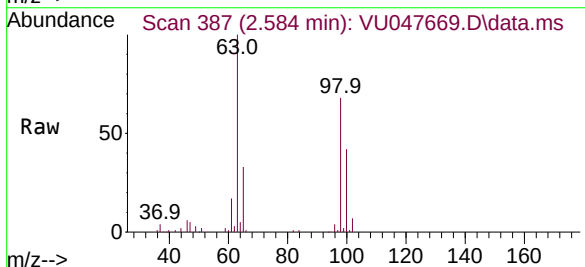
Tgt Ion: 96 Resp: 2331

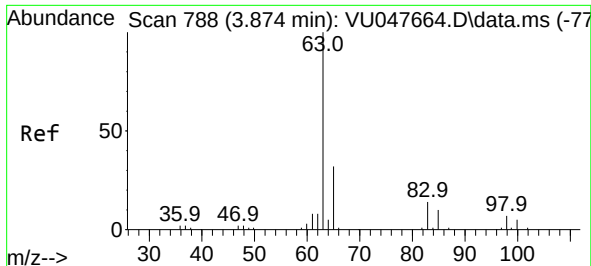
Ion Ratio Lower Upper

96 100

61 468.2 113.1 210.1#

63 2726.3 94.8 176.0#





#19

1,1-Dichloroethane

Concen: 10.154 ug/L

RT: 3.874 min Scan# 7

Delta R.T. -0.000 min

Lab File: VU047669.D

Acq: 25 Mar 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

EW5X4DL

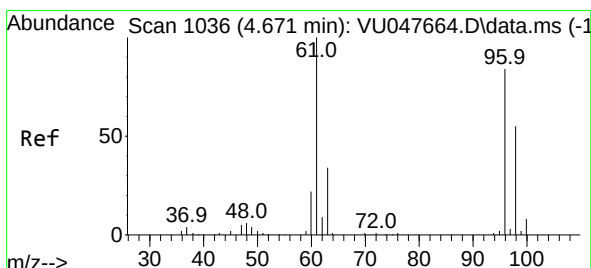
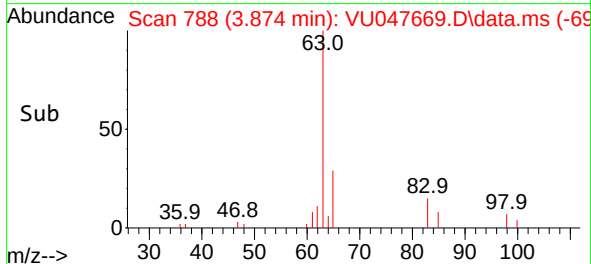
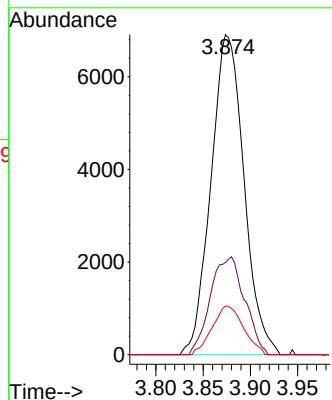
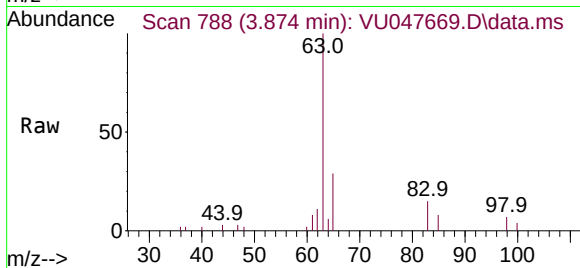
Tgt Ion: 63 Resp: 16801

Ion Ratio Lower Upper

63 100

65 28.8 22.0 41.0

83 15.3 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 1.151 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VU047669.D

Acq: 25 Mar 2022 12:57

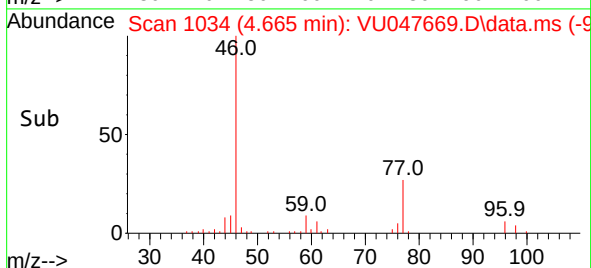
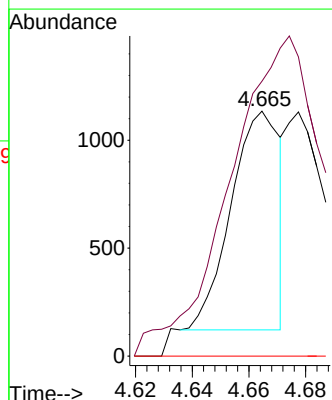
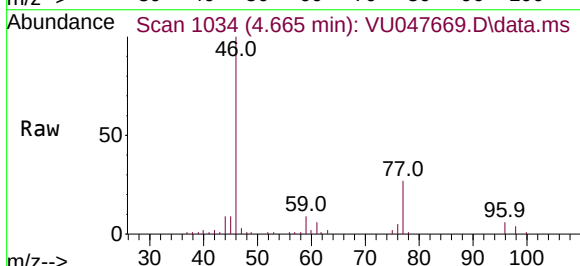
Tgt Ion: 96 Resp: 1211

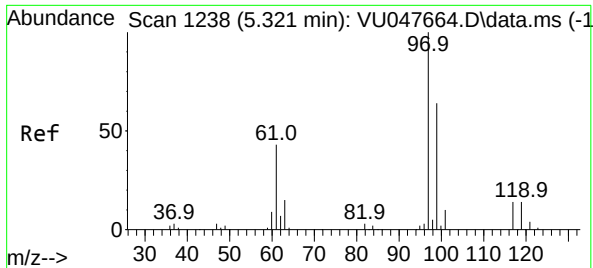
Ion Ratio Lower Upper

96 100

61 112.2 80.7 149.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 41.328 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU047669.D

Acq: 25 Mar 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

EW5X4DL

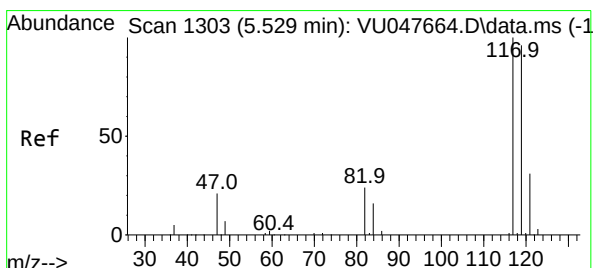
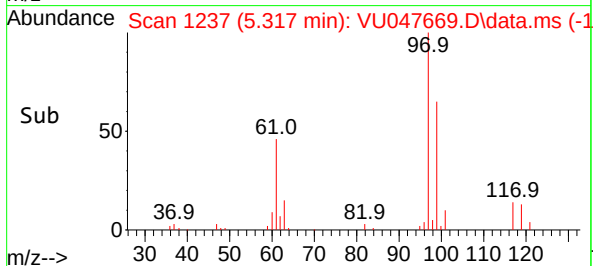
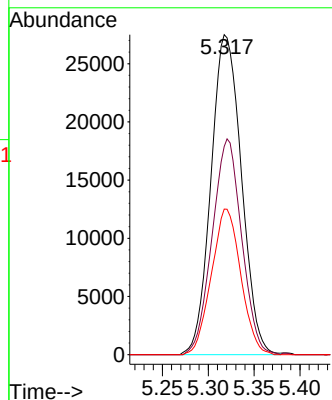
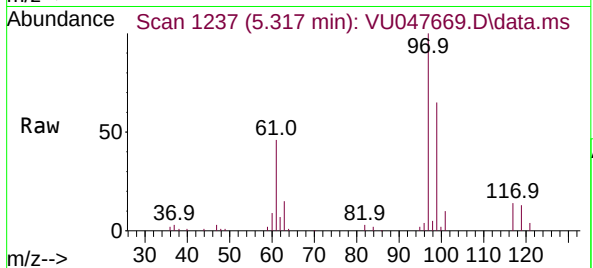
Tgt Ion: 97 Resp: 63510

Ion Ratio Lower Upper

97 100

99 65.3 51.6 77.4

61 43.9 34.2 51.4



#31

Carbon tetrachloride

Concen: 6.007 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.212 min

Lab File: VU047669.D

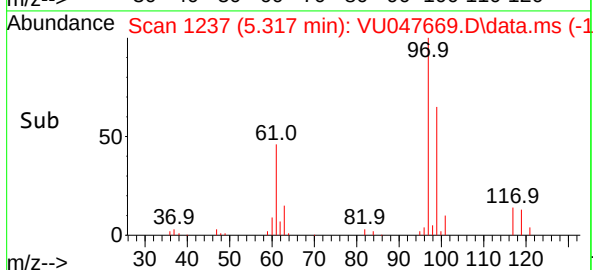
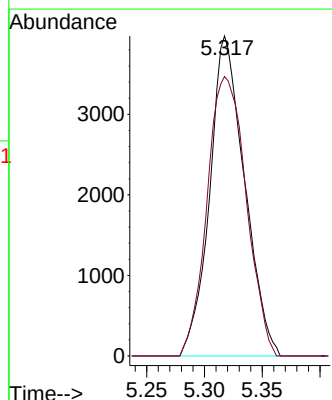
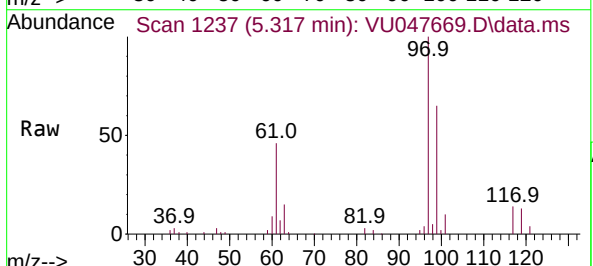
Acq: 25 Mar 2022 12:57

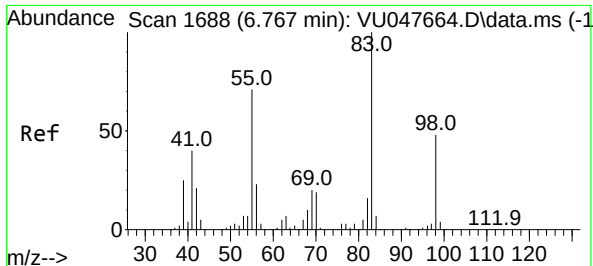
Tgt Ion: 117 Resp: 8335

Ion Ratio Lower Upper

117 100

119 97.8 77.2 115.8





#35

Methylcyclohexane

Concen: 14.191 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047669.D

Acq: 25 Mar 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

EW5X4DL

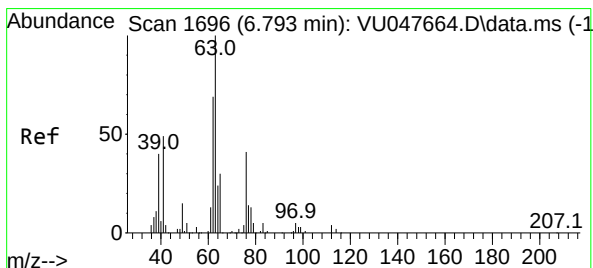
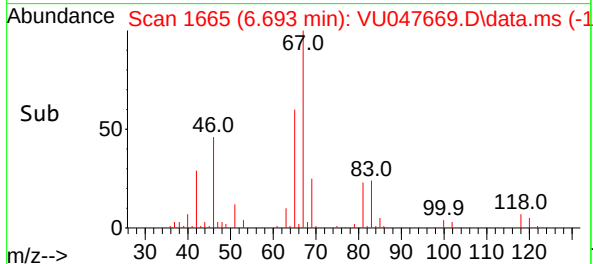
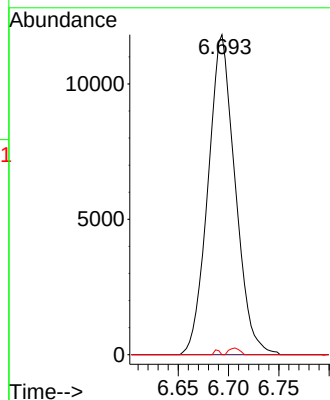
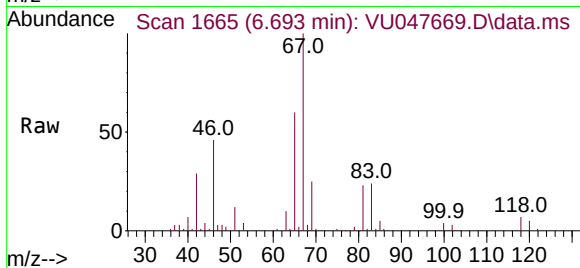
Tgt Ion: 83 Resp: 22203

Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 0.3 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 10.209 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047669.D

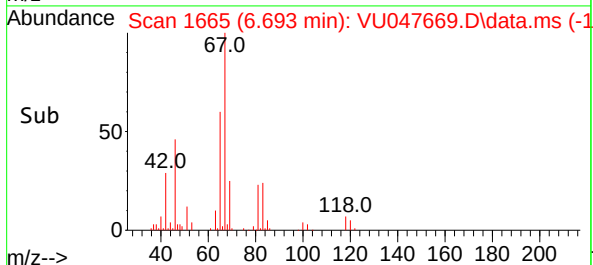
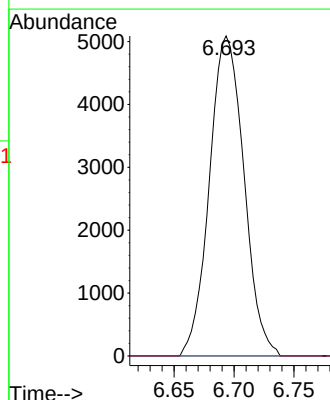
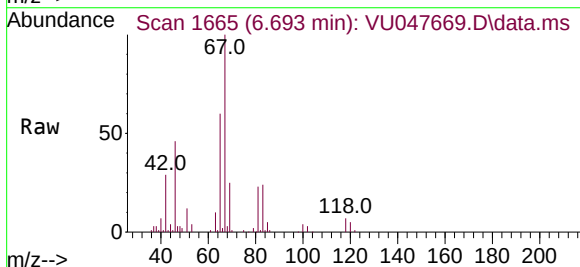
Acq: 25 Mar 2022 12:57

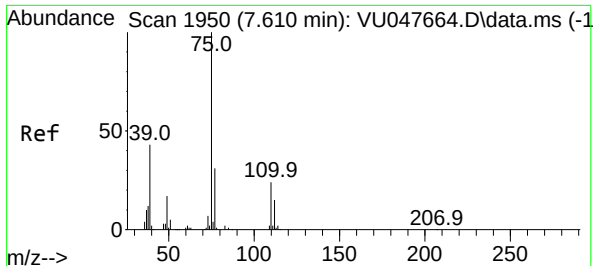
Tgt Ion: 63 Resp: 10181

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.731 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU047669.D

Acq: 25 Mar 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

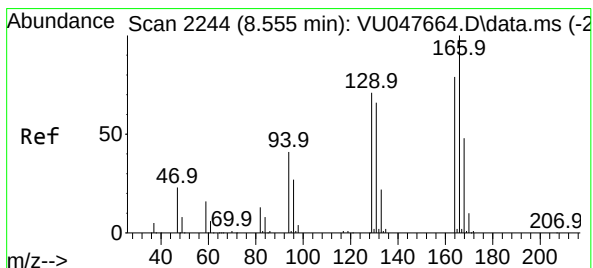
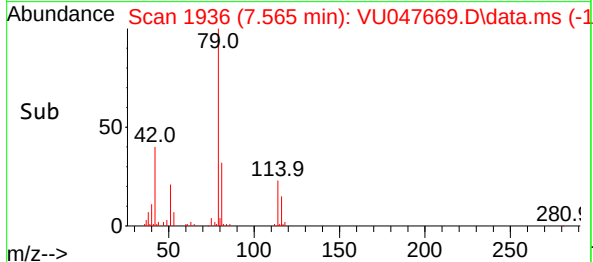
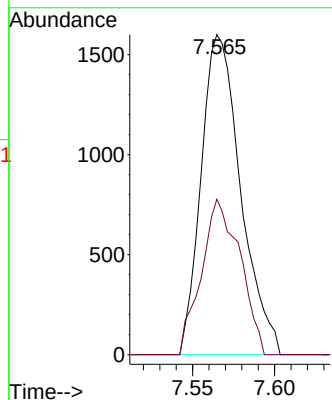
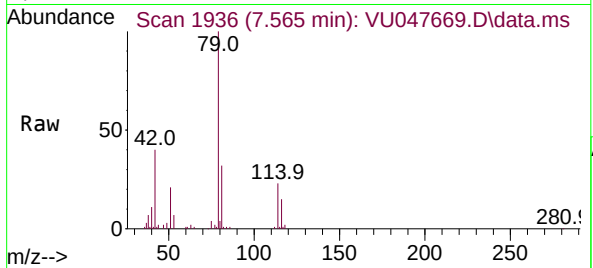
EW5X4DL

Tgt Ion: 75 Resp: 2678

Ion Ratio Lower Upper

75 100

77 48.6 21.8 40.6#



#46

Tetrachloroethene

Concen: 2.635 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047669.D

Acq: 25 Mar 2022 12:57

Tgt Ion: 164 Resp: 2435

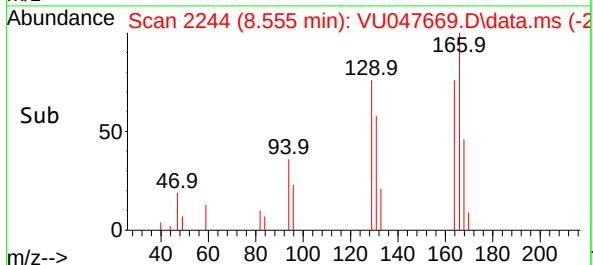
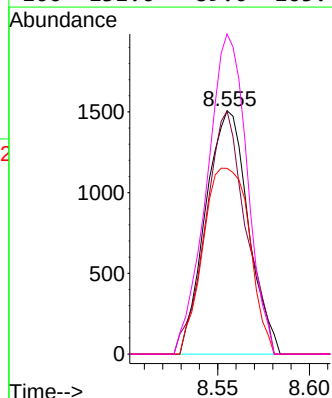
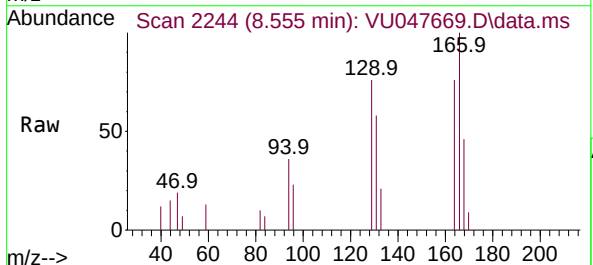
Ion Ratio Lower Upper

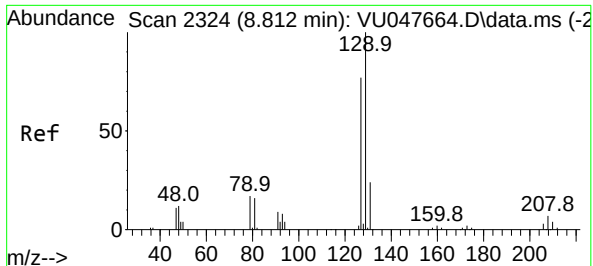
164 100

129 99.9 62.4 116.0

131 76.3 60.7 112.7

166 131.6 89.0 165.4

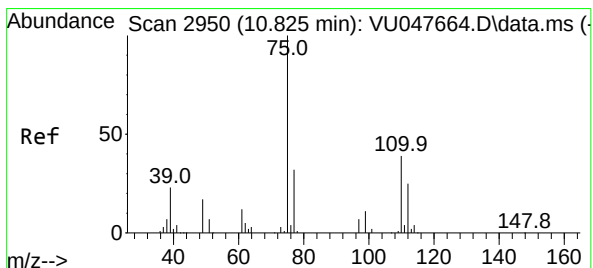
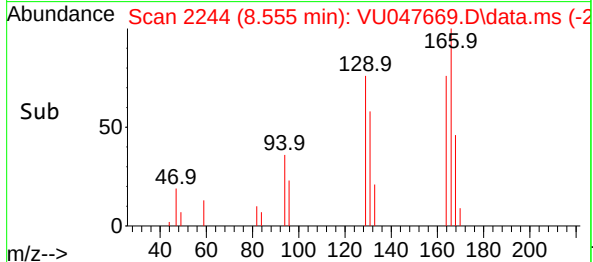
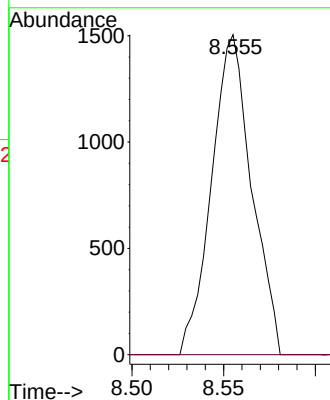
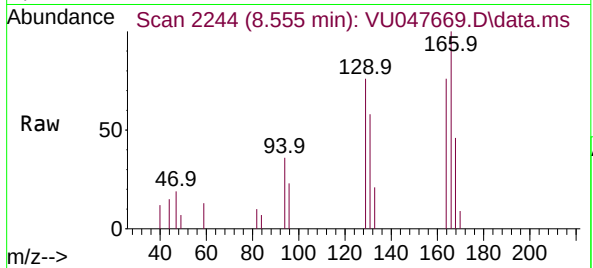




#49
Dibromochloromethane
Concen: 1.870 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047669.D
Acq: 25 Mar 2022 12:57

Instrument :
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ClientSampleId :
EW5X4DL

Tgt Ion:129 Resp: 2291
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#



#60
1,2,3-Trichloropropane
Concen: 5.504 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047669.D
Acq: 25 Mar 2022 12:57

Tgt Ion: 75 Resp: 7308
Ion Ratio Lower Upper
75 100
77 34.5 26.0 39.0
110 1.9 31.4 47.2#

