

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020322\
 Data File : U047020.D
 Acq On : 03 Feb 2022 14:37
 Operator : SY/MD
 Sample : N1328-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

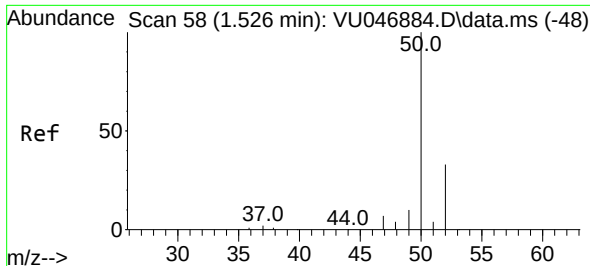
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 05:47:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97896	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117385	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39853	4.804	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.919	69	32748	5.011	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.572	65	15055	4.563	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.633	46	92890	37.799	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.600%	
24) Chloroform-d	5.067	84	70223	4.822	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.707	65	36601	4.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.732	84	129592	3.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.200%	
36) 1,2-Dichloropropane-d6	6.694	67	43946	4.243	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.800%	
41) Toluene-d8	7.903	98	98440	3.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	62.400%#	
43) trans-1,3-Dichloroprop...	8.182	79	14953	3.287	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.800%	
46) 2-Hexanone-d5	8.636	63	70064	26.012	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	52.020%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36565	3.516	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	70.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	38342	4.067	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.400%	
Target Compounds						Qvalue
3) Chloromethane	1.527	50	2388	0.315	ug/L	93
5) Vinyl chloride	1.607	62	2012	0.255	ug/L #	71
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	359	0.063	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	1341	0.245	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	1423	0.143	ug/L #	85
22) cis-1,2-Dichloroethene	4.671	96	13959	2.235	ug/L	92
34) Trichloroethene	6.546	95	15347	2.139	ug/L	95
35) Methylcyclohexane	6.694	83	10354	0.861	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4771	0.704	ug/L #	88
47) Tetrachloroethene	8.555	164	42478	7.279	ug/L	94
49) Dibromochloromethane	8.555	129	41448	6.092	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6372	1.496	ug/L #	65

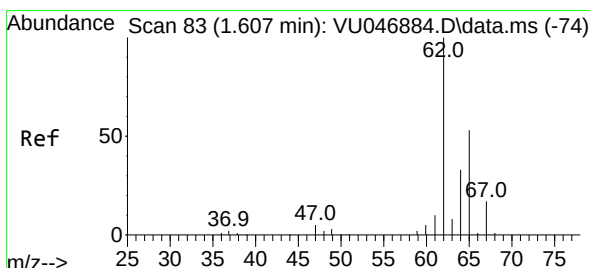
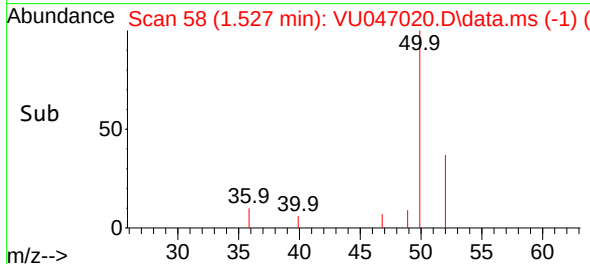
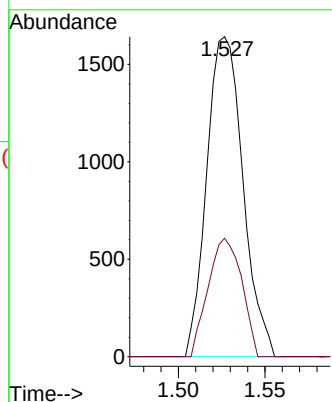
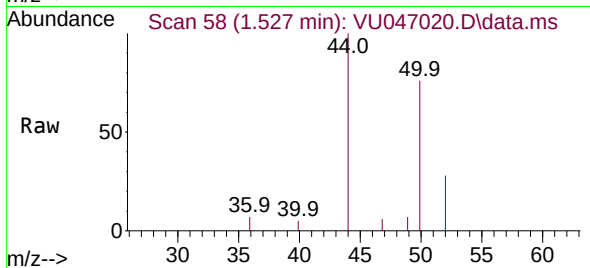
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.315 ug/L
RT: 1.527 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047020.D
Acq: 03 Feb 2022 14:37

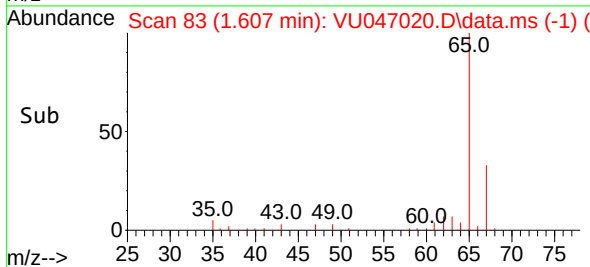
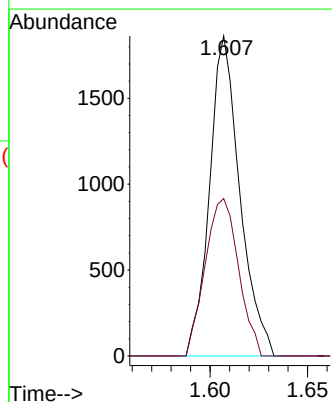
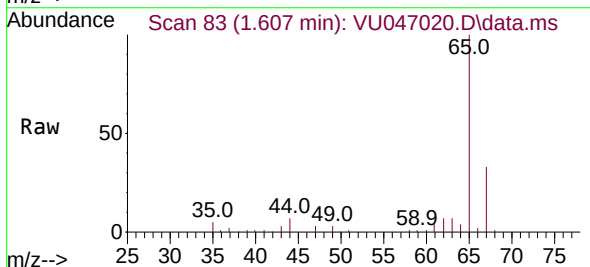
Instrument :
MSVOA_U
ClientSampleId :

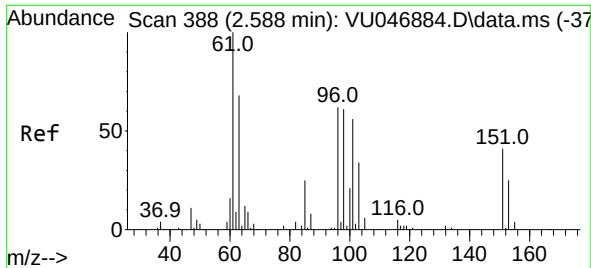
Tgt Ion: 50 Resp: 2388
Ion Ratio Lower Upper
50 100
52 37.0 23.0 42.8



#5
Vinyl chloride
Concen: 0.255 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU047020.D
Acq: 03 Feb 2022 14:37

Tgt Ion: 62 Resp: 2012
Ion Ratio Lower Upper
62 100
64 49.2 22.9 42.5#

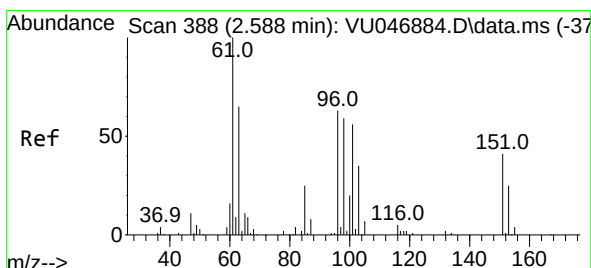
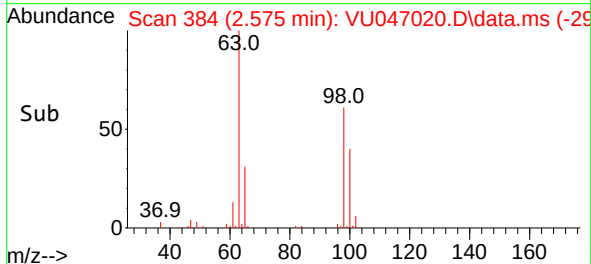
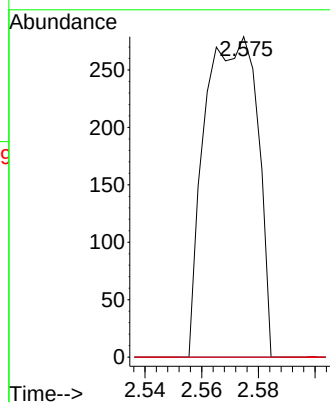
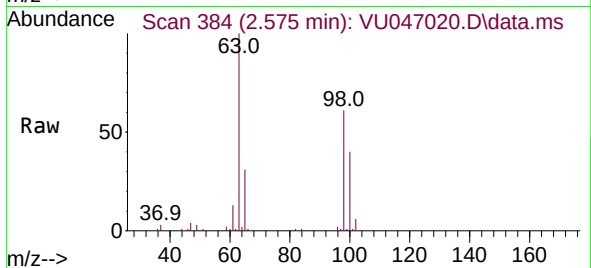




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.063 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.016 min
 Lab File: VU047020.D
 Acq: 03 Feb 2022 14:37

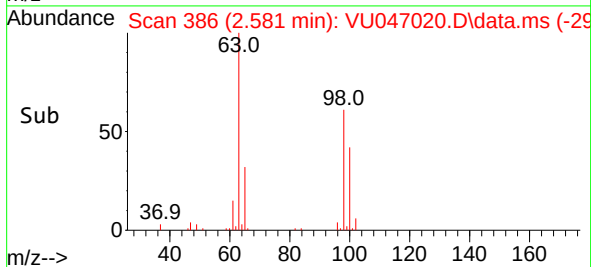
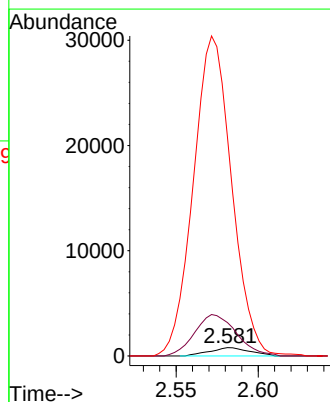
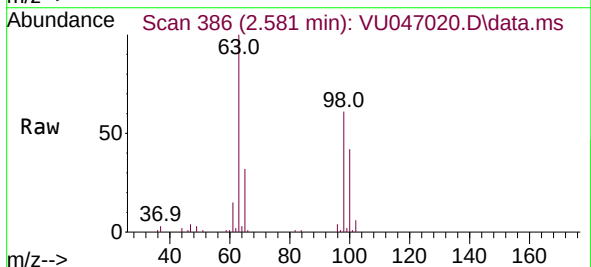
Instrument :
 MSVOA_U
 ClientSampleId :

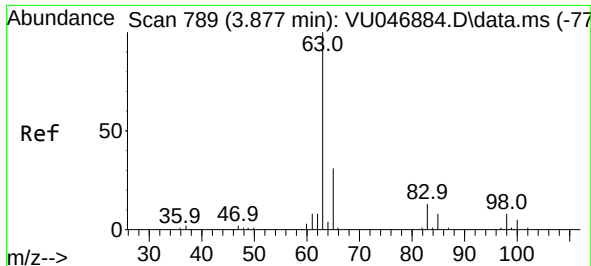
Tgt Ion:101 Resp: 359
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.245 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU047020.D
 Acq: 03 Feb 2022 14:37

Tgt Ion: 96 Resp: 1341
 Ion Ratio Lower Upper
 96 100
 61 402.4 124.7 231.5#
 63 2637.7 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.143 ug/L

RT: 3.877 min Scan# 7

Delta R.T. -0.000 min

Lab File: VU047020.D

Acq: 03 Feb 2022 14:37

Instrument :

MSVOA_U

ClientSampleId :

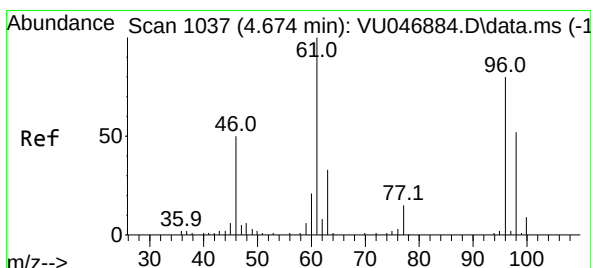
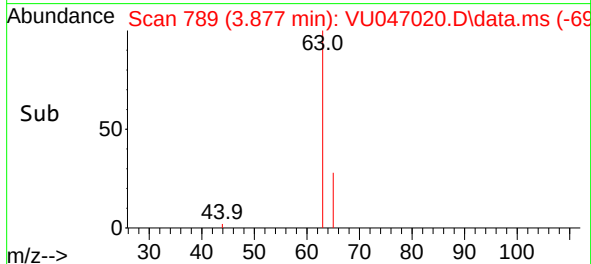
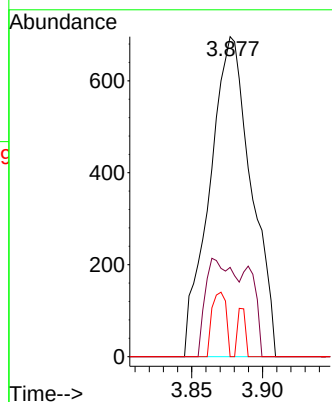
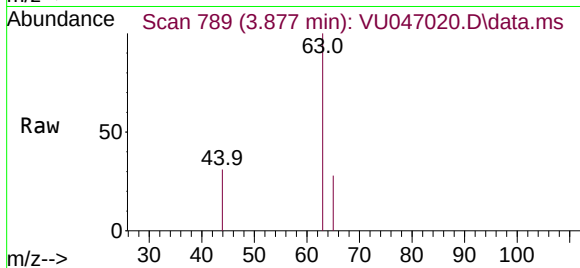
Tgt Ion: 63 Resp: 1423

Ion Ratio Lower Upper

63 100

65 27.9 22.3 41.5

83 0.0 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 2.235 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047020.D

Acq: 03 Feb 2022 14:37

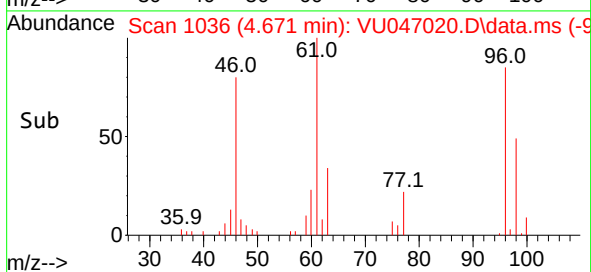
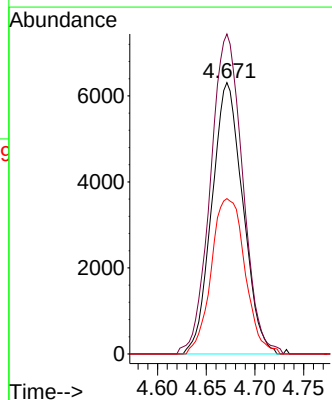
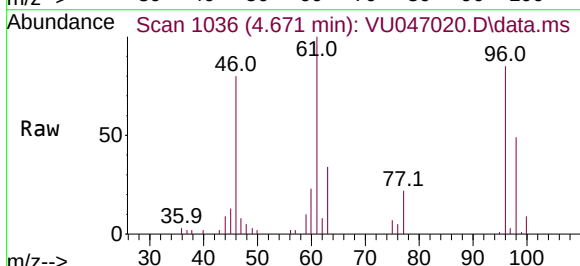
Tgt Ion: 96 Resp: 13959

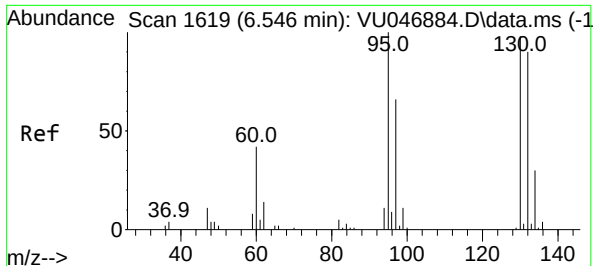
Ion Ratio Lower Upper

96 100

61 117.9 88.5 164.3

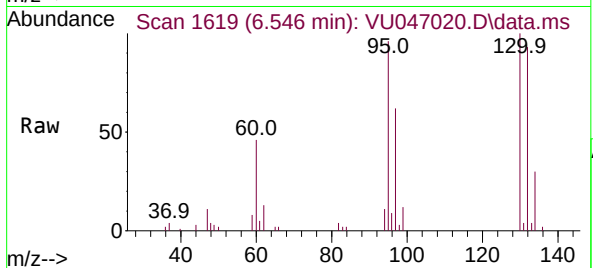
98 57.3 44.4 82.5





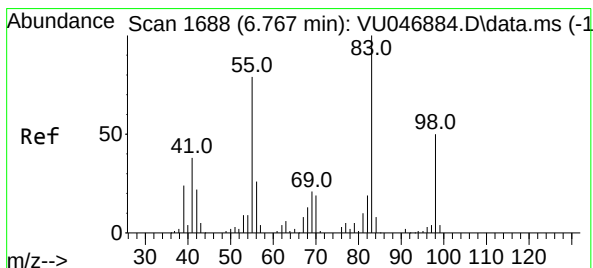
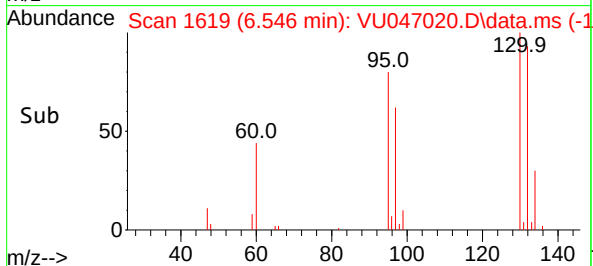
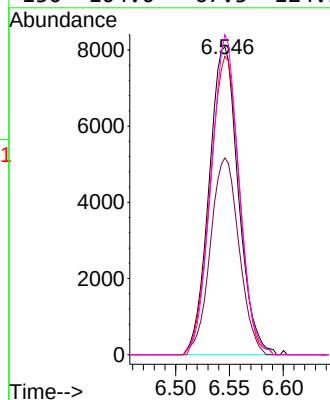
#34
Trichloroethene
Concen: 2.139 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VU047020.D
Acq: 03 Feb 2022 14:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 15347

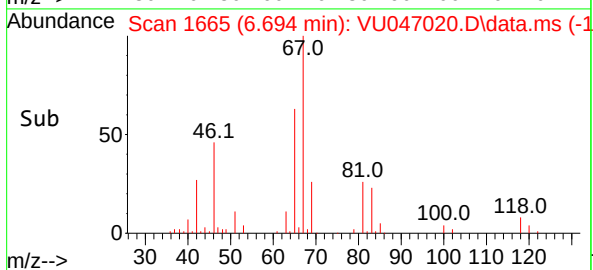
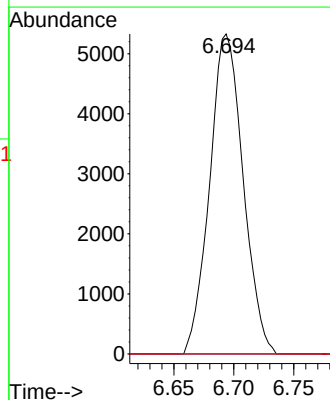
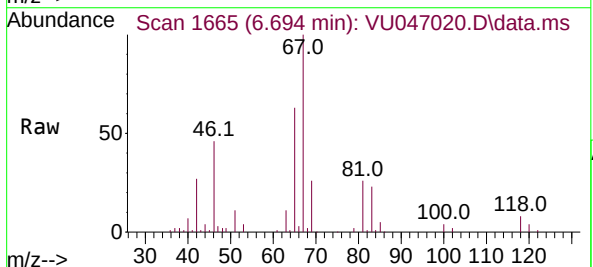
Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.5	86.5
132	97.0	65.1	120.9
130	104.0	67.3	124.9

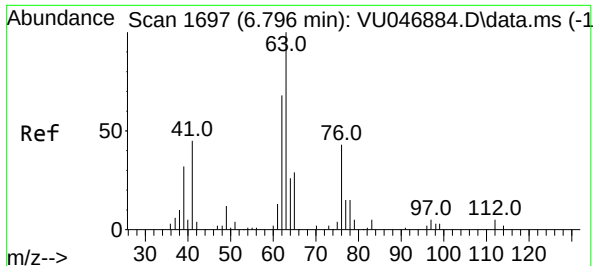


#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047020.D
Acq: 03 Feb 2022 14:37

Tgt Ion: 83 Resp: 10354

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.3	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.704 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047020.D

Acq: 03 Feb 2022 14:37

Instrument :

MSVOA_U

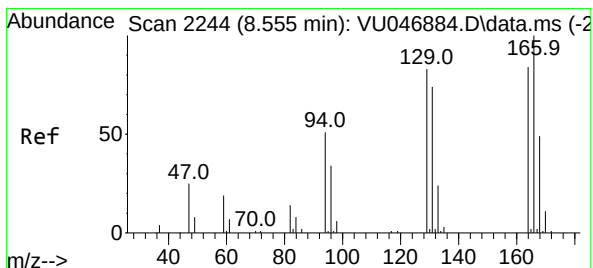
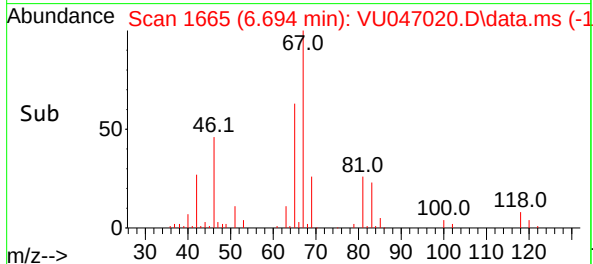
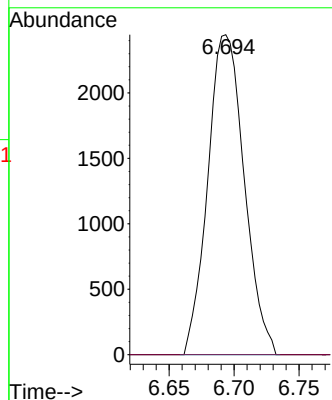
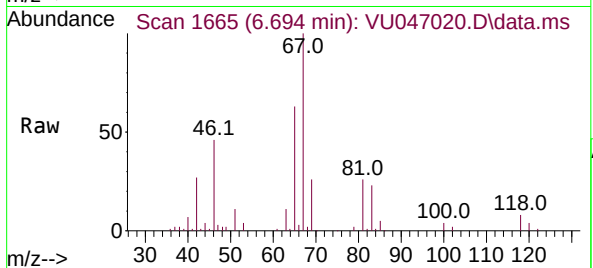
ClientSampleId :

Tgt Ion: 63 Resp: 4771

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 7.279 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047020.D

Acq: 03 Feb 2022 14:37

Tgt Ion: 164 Resp: 42478

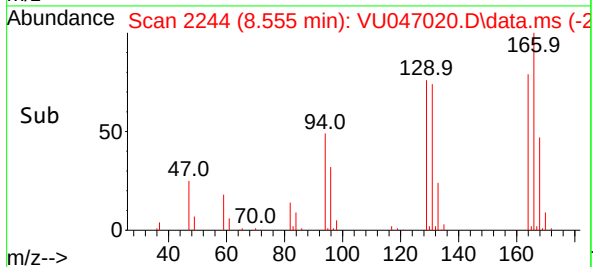
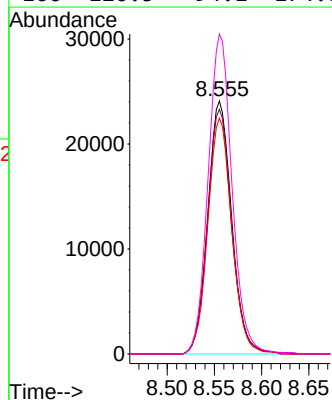
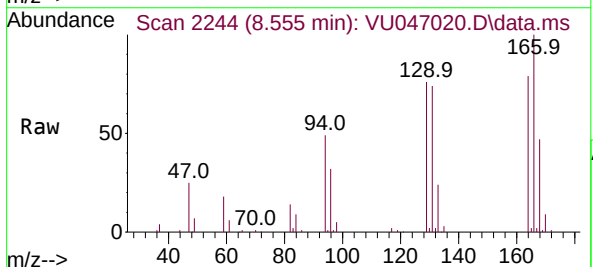
Ion Ratio Lower Upper

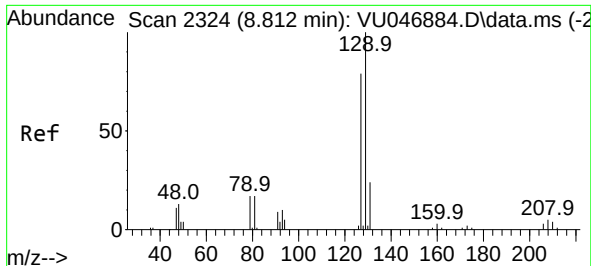
164 100

129 96.7 71.8 133.4

131 93.3 68.5 127.3

166 126.5 94.1 174.8





#49

Dibromochloromethane

Concen: 6.092 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU047020.D

Acq: 03 Feb 2022 14:37

Instrument :

MSVOA_U

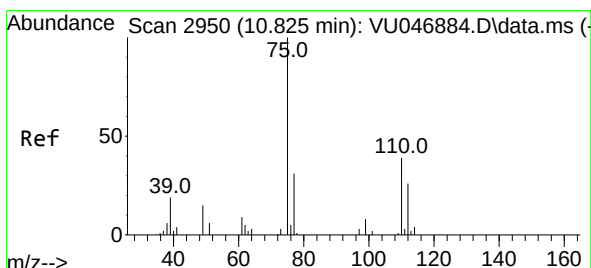
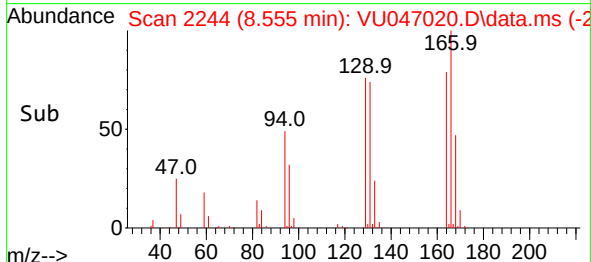
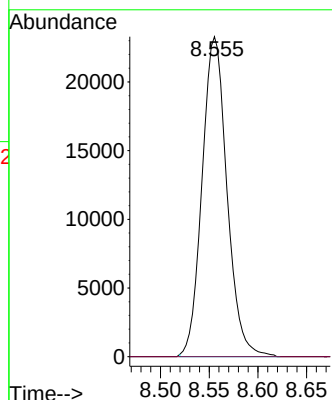
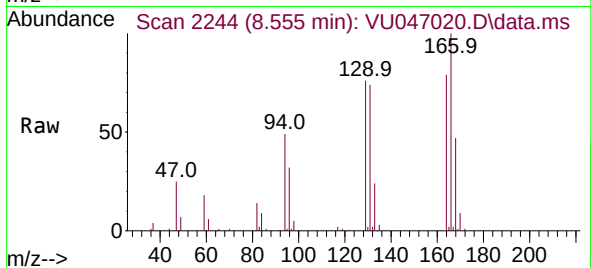
ClientSampleId :

Tgt Ion:129 Resp: 41448

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.496 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.990 min

Lab File: VU047020.D

Acq: 03 Feb 2022 14:37

Tgt Ion: 75 Resp: 6372

Ion Ratio Lower Upper

75 100

110 1.3 29.9 44.9#

77 29.1 25.5 38.3

