

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046965.D
 Acq On : 01 Feb 2022 15:35
 Operator : SY/MD
 Sample : N1328-05 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHM4

Quant Time: Feb 02 02:05:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

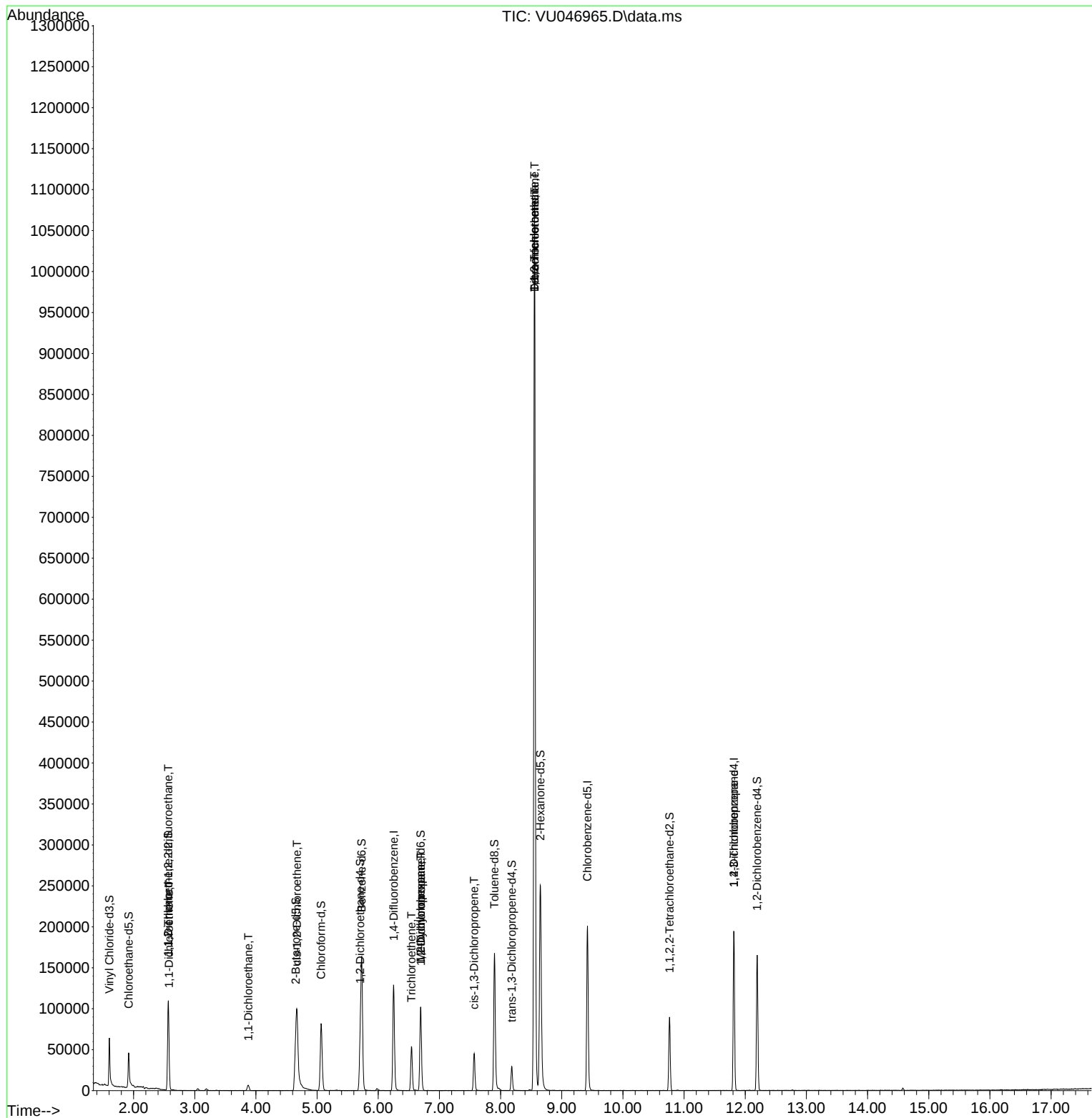
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121753	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	52795	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49518	5.458	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.200%
7) Chloroethane-d5	1.919	69	39781	5.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.200%
11) 1,1-Dichloroethene-d2	2.568	65	20010	5.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.800%
20) 2-Butanone-d5	4.652	46	121706	45.279	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.560%
24) Chloroform-d	5.067	84	76490	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.703	65	42862	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.729	84	155598	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.694	67	49450	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.899	98	119950	3.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.182	79	17493	3.707	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.649	63	113240	40.533	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.060%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46794	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	43022	4.345	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	496	0.079	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	3806	0.637	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	8029	0.739	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	33724	4.937	ug/L	96
34) Trichloroethene	6.543	95	18484	2.484	ug/L	99
35) Methylcyclohexane	6.694	83	11890	0.954	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5203	0.740	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1078	0.098	ug/L #	80
45) 1,1,2-Trichloroethane	8.552	97	2072	0.346	ug/L #	1
47) Tetrachloroethene	8.555	164	240844	39.789	ug/L	95
49) Dibromochloromethane	8.555	129	239112	33.882	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6716	1.501	ug/L #	65

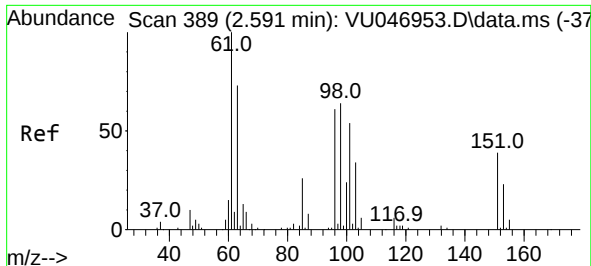
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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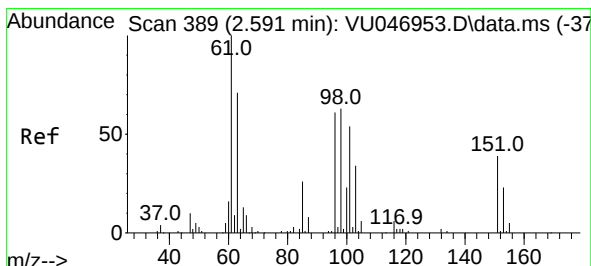
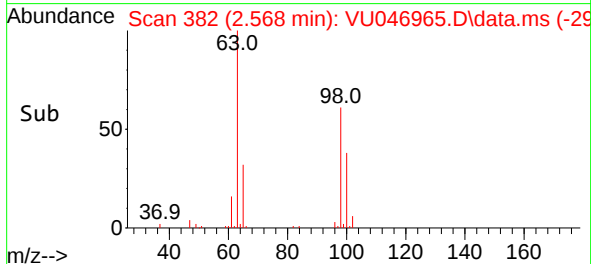
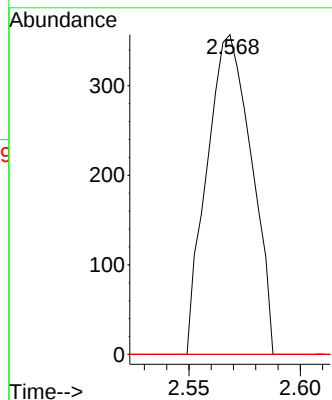
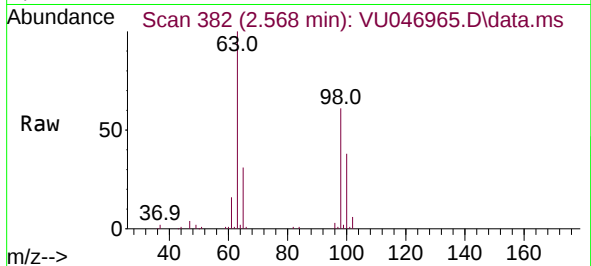




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.079 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.022 min
Lab File: VU046965.D
Acq: 01 Feb 2022 15:35

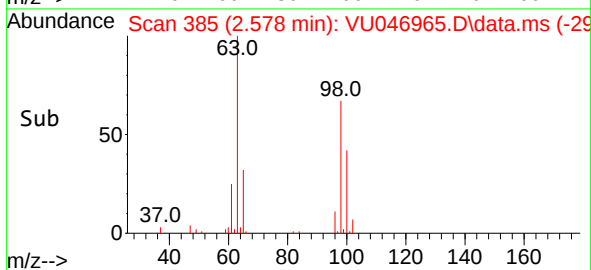
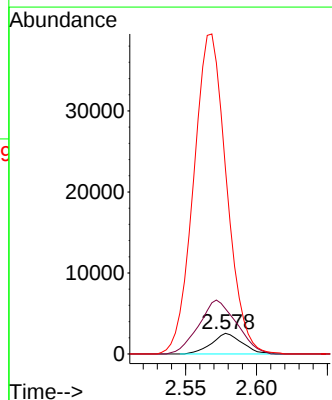
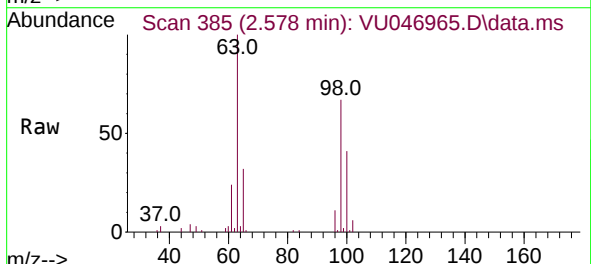
Instrument :
MSVOA_U
ClientSampleId :
COHM4

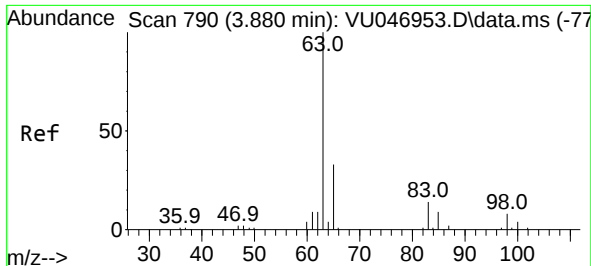
Tgt Ion:101 Resp: 496
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.637 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU046965.D
Acq: 01 Feb 2022 15:35

Tgt Ion: 96 Resp: 3806
Ion Ratio Lower Upper
96 100
61 219.1 124.7 231.5
63 898.9 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.739 ug/L

RT: 3.877 min Scan# 790

Delta R.T. -0.003 min

Lab File: VU046965.D

Acq: 01 Feb 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

COHM4

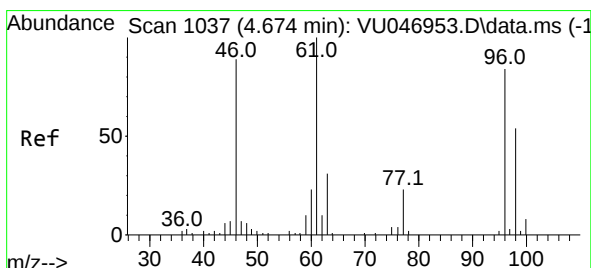
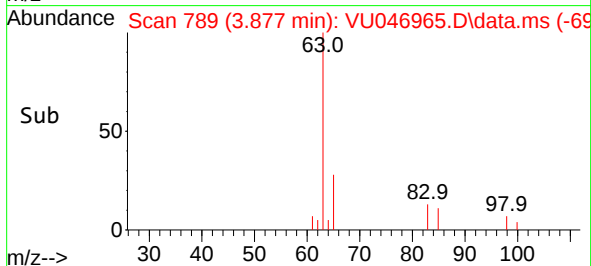
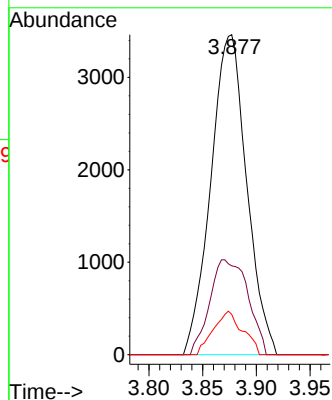
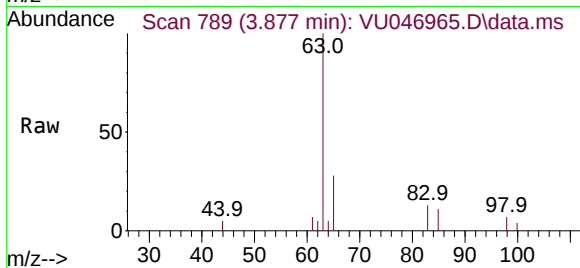
Tgt Ion: 63 Resp: 8029

Ion Ratio Lower Upper

63 100

65 27.7 22.3 41.5

83 12.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 4.937 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046965.D

Acq: 01 Feb 2022 15:35

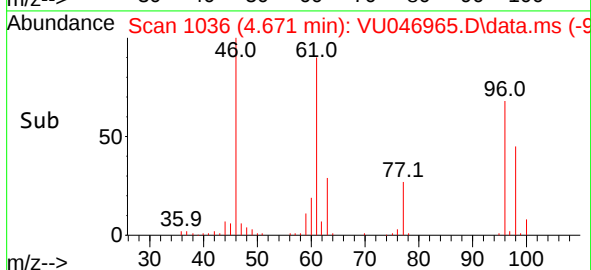
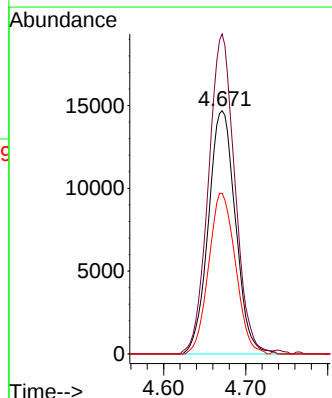
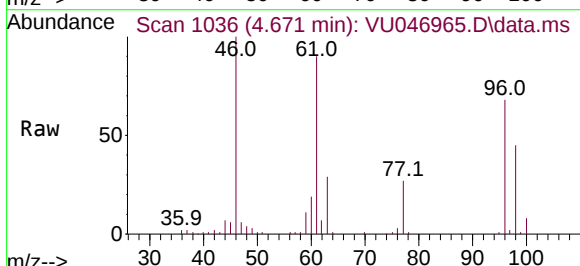
Tgt Ion: 96 Resp: 33724

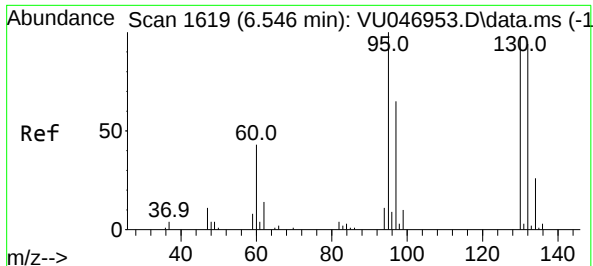
Ion Ratio Lower Upper

96 100

61 131.6 88.5 164.3

98 66.0 44.4 82.5



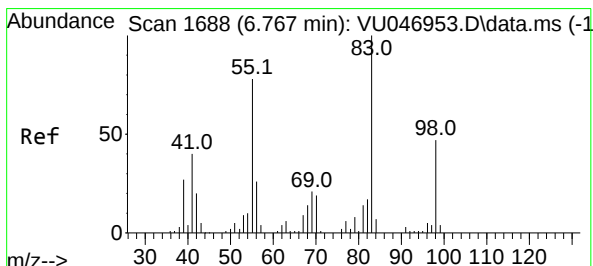
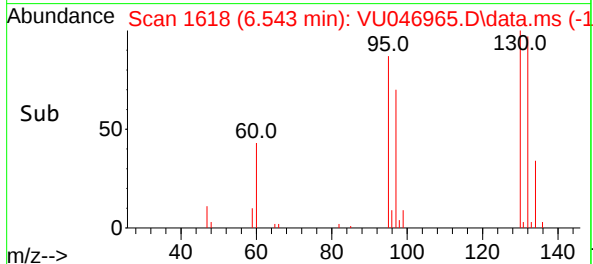
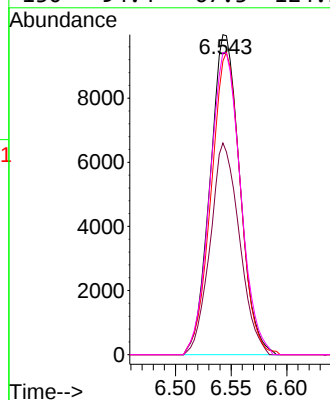
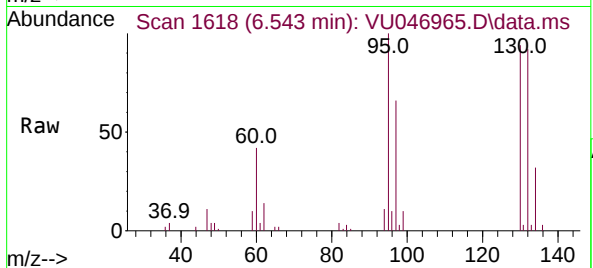


#34
Trichloroethene
Concen: 2.484 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046965.D
Acq: 01 Feb 2022 15:35

Instrument :
MSVOA_U
ClientSampleId :
COHM4

Tgt Ion: 95 Resp: 18484

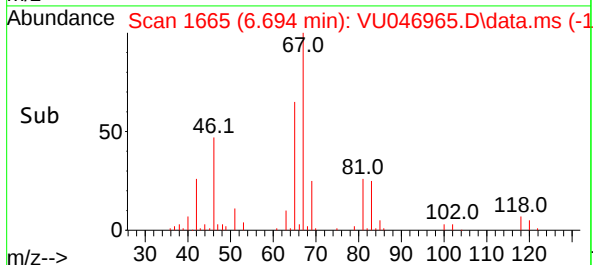
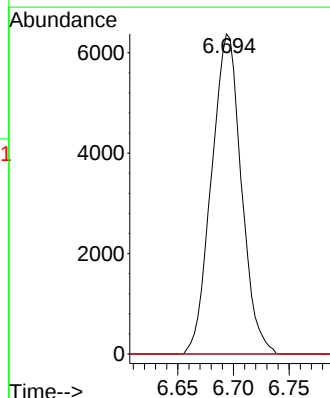
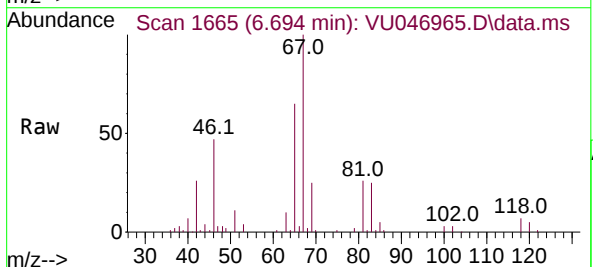
Ion	Ratio	Lower	Upper
95	100		
97	66.2	46.5	86.5
132	91.7	65.1	120.9
130	94.4	67.3	124.9

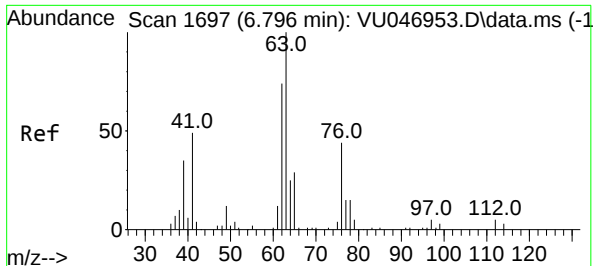


#35
Methylcyclohexane
Concen: 0.954 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046965.D
Acq: 01 Feb 2022 15:35

Tgt Ion: 83 Resp: 11890

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.9	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.740 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU046965.D

Acq: 01 Feb 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

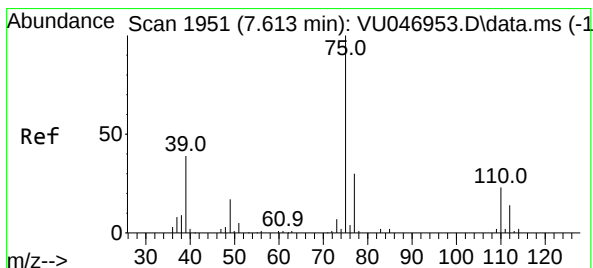
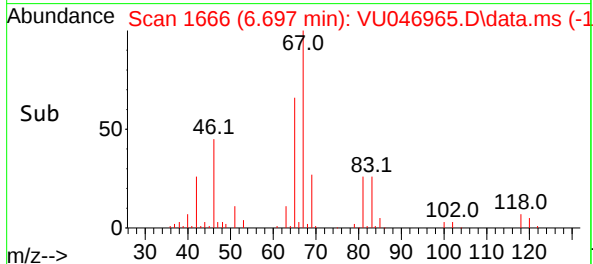
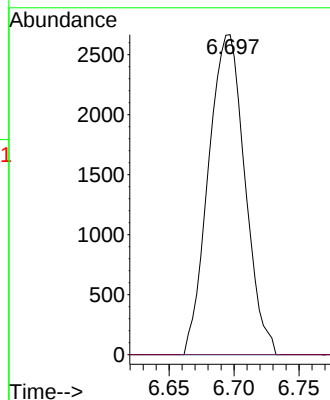
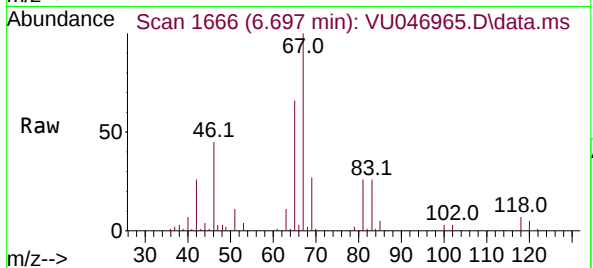
COHM4

Tgt Ion: 63 Resp: 5203

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046965.D

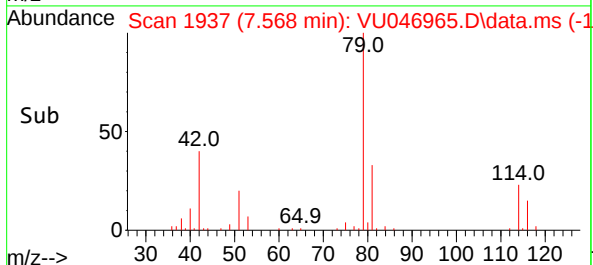
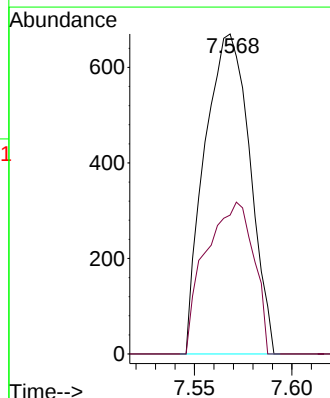
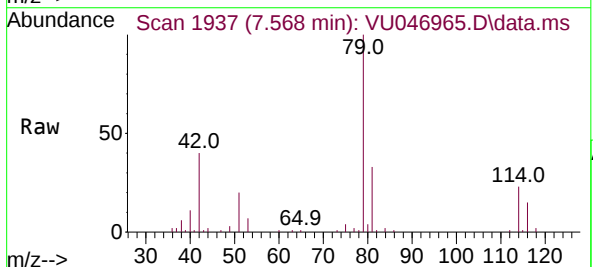
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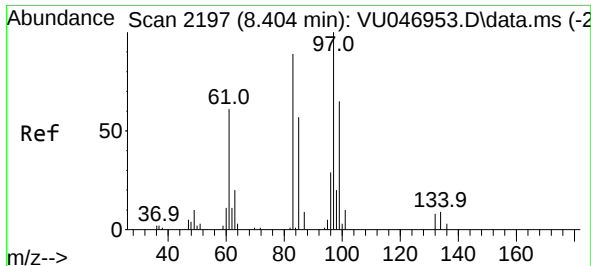
Tgt Ion: 75 Resp: 1078

Ion Ratio Lower Upper

75 100

77 43.4 22.5 41.9#





#45

1,1,2-Trichloroethane

Concen: 0.346 ug/L

RT: 8.552 min Scan# 2197

Delta R.T. 0.148 min

Lab File: VU046965.D

Acq: 01 Feb 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

COHM4

Tgt Ion: 97 Resp: 2072

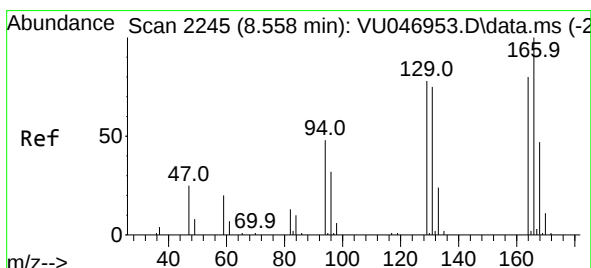
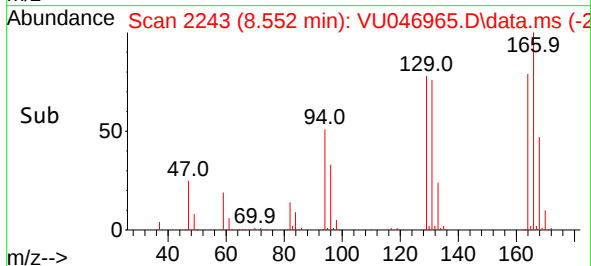
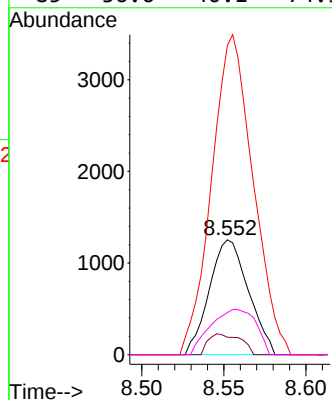
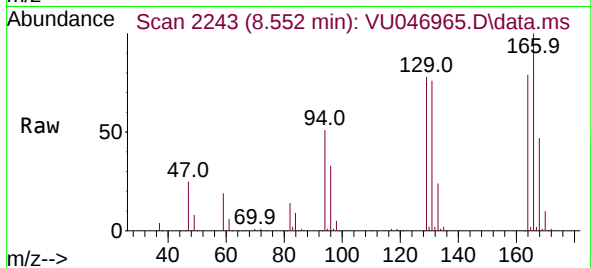
Ion Ratio Lower Upper

97 100

99 15.2 42.3 78.5#

83 269.2 62.0 115.2#

85 36.6 40.1 74.5#



#47

Tetrachloroethene

Concen: 39.789 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU046965.D

Acq: 01 Feb 2022 15:35

Tgt Ion:164 Resp: 240844

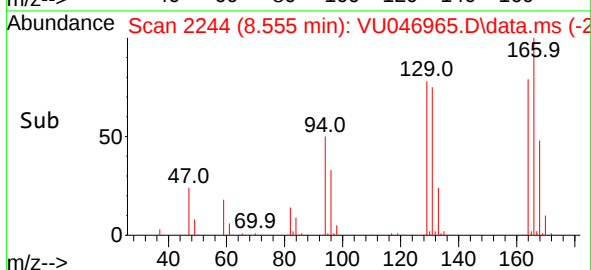
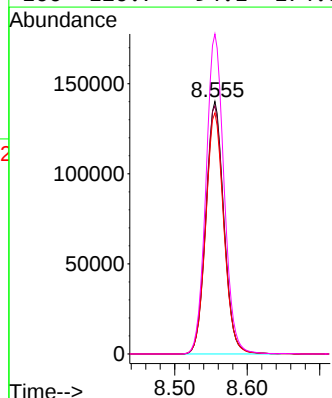
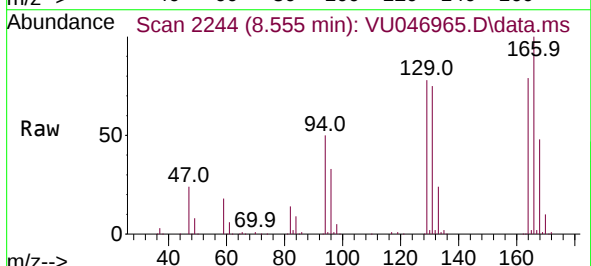
Ion Ratio Lower Upper

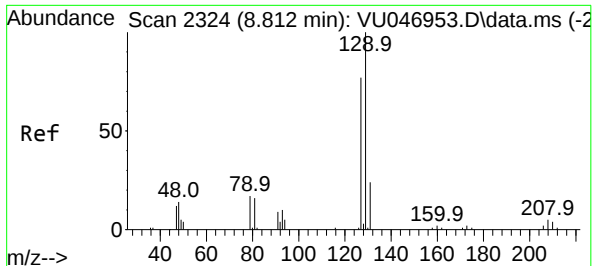
164 100

129 98.3 71.8 133.4

131 95.5 68.5 127.3

166 126.7 94.1 174.8

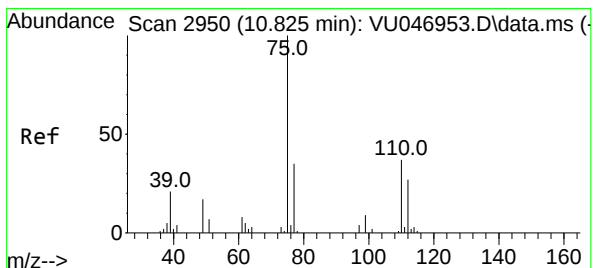
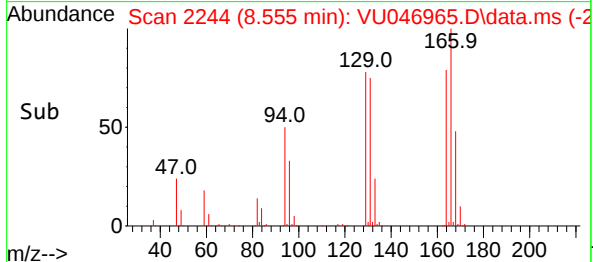
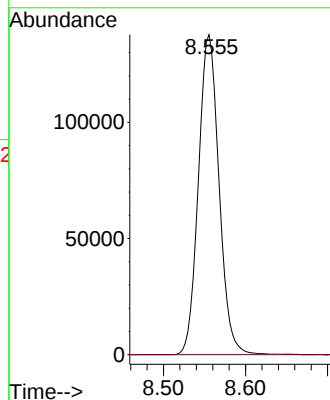
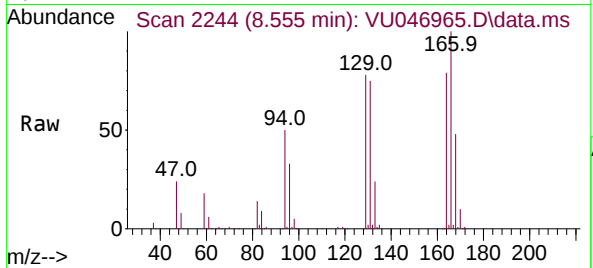




#49
Dibromochloromethane
Concen: 33.882 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046965.D
Acq: 01 Feb 2022 15:35

Instrument :
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ClientSampleId :
COHM4

Tgt Ion:129 Resp: 239112
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.501 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU046965.D
Acq: 01 Feb 2022 15:35

Tgt Ion: 75 Resp: 6716
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 30.3 25.5 38.3

