

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046740.D
 Acq On : 12 Jan 2022 14:16
 Operator : SY/MD
 Sample : N1101-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW8

Quant Time: Jan 13 01:01:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

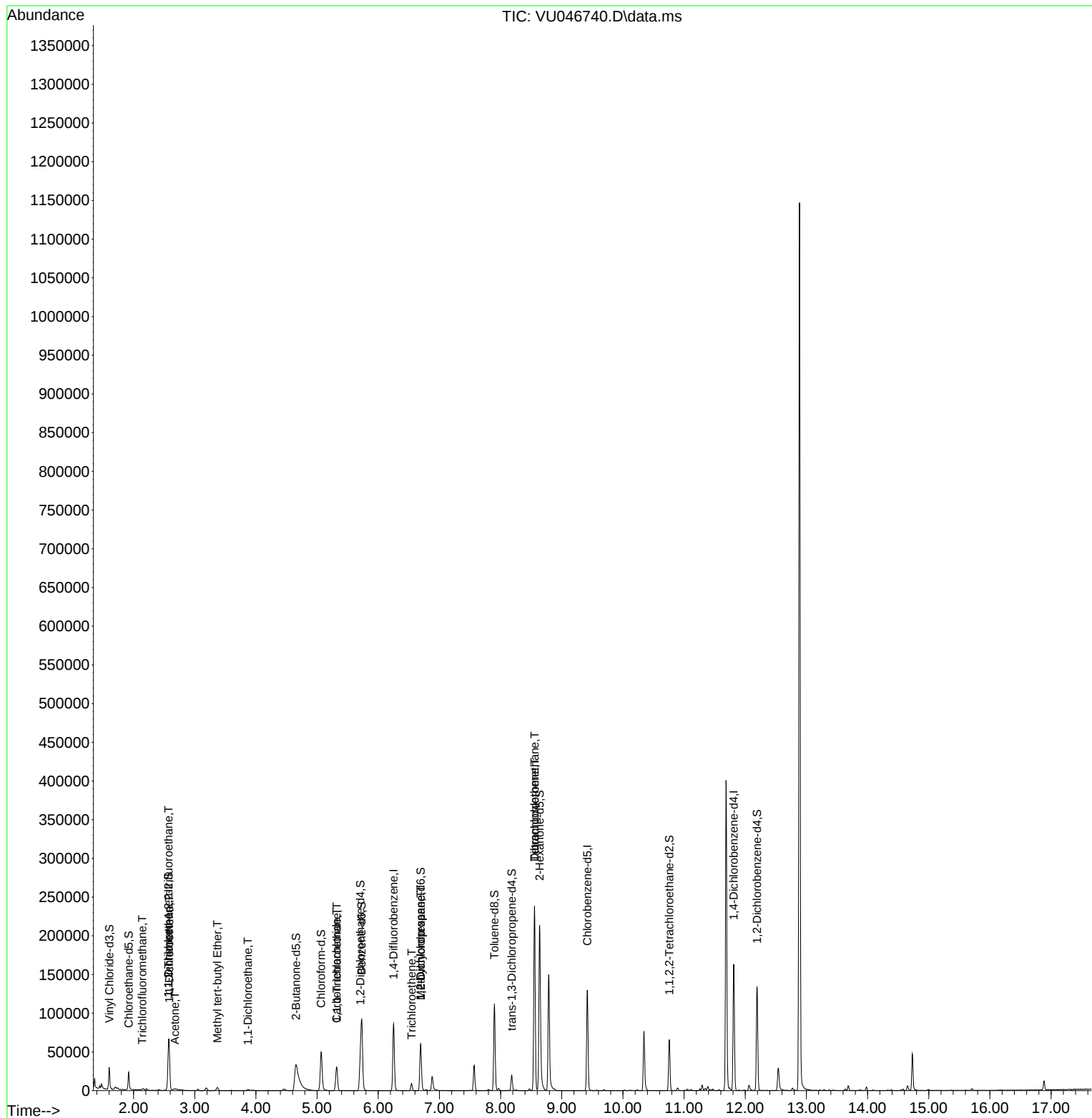
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	71859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	75146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44416	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19925	3.520	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.919	69	17962	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.571	65	8843	3.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.655	46	95623	58.243	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	5.067	84	46833	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.706	65	28126	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.729	84	88504	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.693	67	28653	4.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.899	98	74991	3.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.182	79	12619	4.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.639	63	89534	52.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32582	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	35682	4.361	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	775	0.064	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	256	0.041	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	10968	1.735	ug/L	84
13) Acetone	2.678	43	8134	5.284	ug/L	50
17) Methyl tert-butyl Ether	3.369	73	4874	0.264	ug/L #	87
19) 1,1-Dichloroethane	3.867	63	1947	0.157	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	23592	1.899	ug/L	97
31) Carbon tetrachloride	5.317	117	3002	0.288	ug/L	95
34) Trichloroethene	6.546	95	3216	0.409	ug/L	95
35) Methylcyclohexane	6.693	83	7083	0.638	ug/L #	22
37) 1,2-Dichloropropane	6.693	63	2951	0.387	ug/L #	88
47) Tetrachloroethene	8.555	164	53868	9.672	ug/L	94
49) Dibromochloromethane	8.555	129	51959	6.858	ug/L #	10

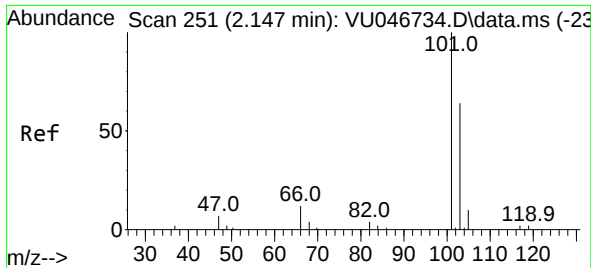
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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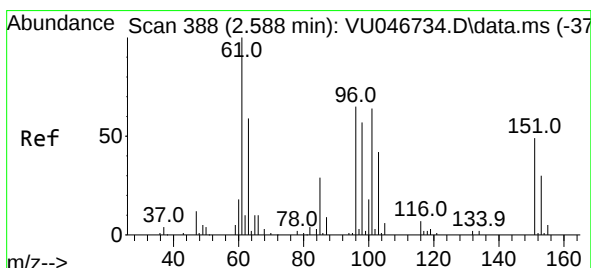
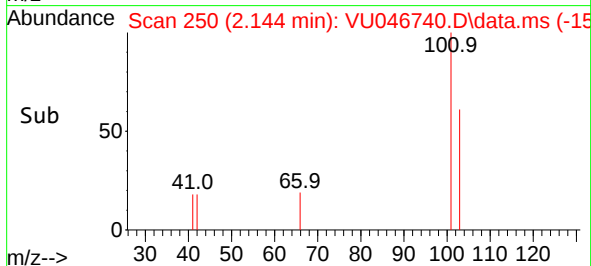
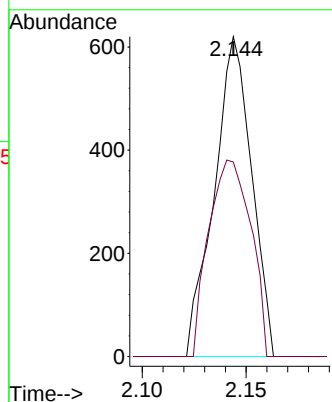
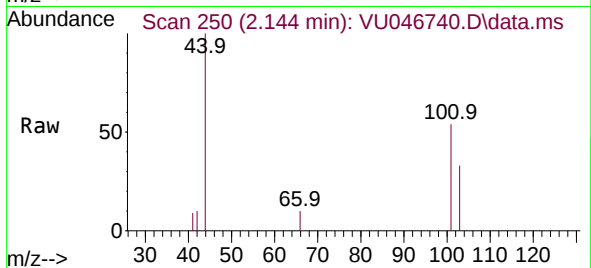




#9
 Trichlorofluoromethane
 Concen: 0.064 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU046740.D
 Acq: 12 Jan 2022 14:16

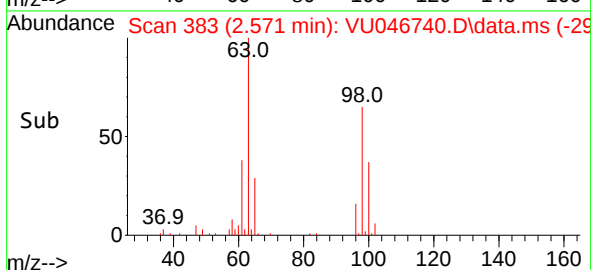
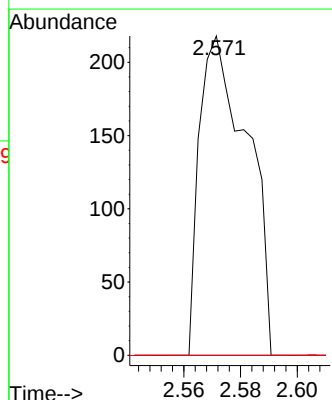
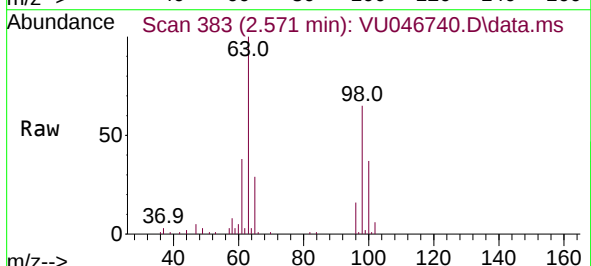
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW8

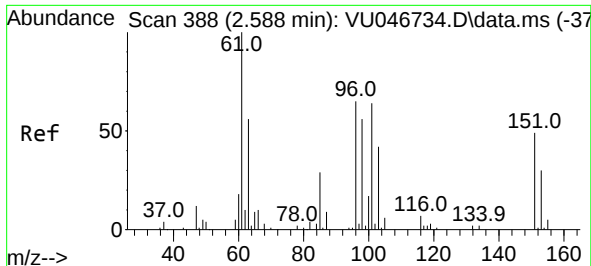
Tgt Ion:101 Resp: 775
 Ion Ratio Lower Upper
 101 100
 103 69.0 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.041 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU046740.D
 Acq: 12 Jan 2022 14:16

Tgt Ion:101 Resp: 256
 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: 1.735 ug/L

RT: 2.584 min Scan# 388

Delta R.T. 0.006 min

Lab File: VU046740.D

Acq: 12 Jan 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

BFXW8

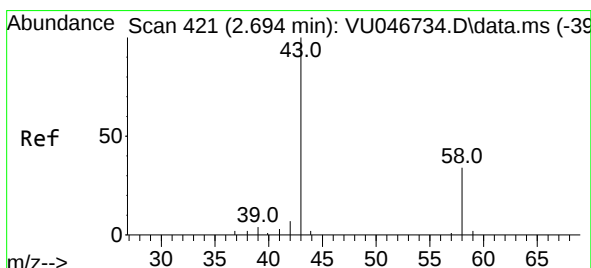
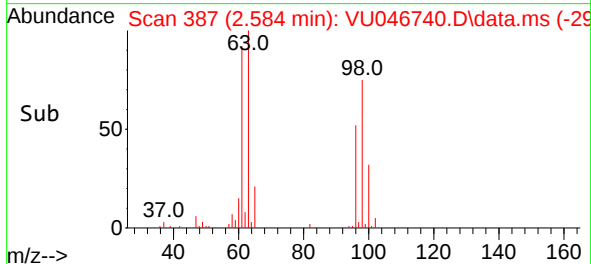
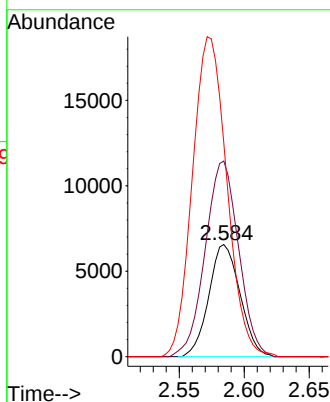
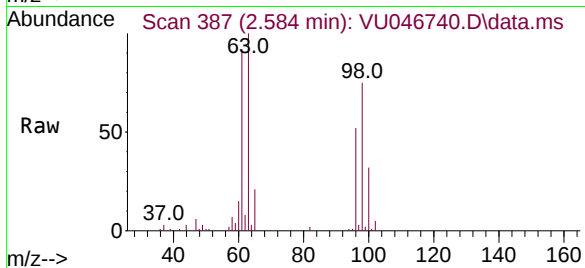
Tgt Ion: 96 Resp: 10968

Ion Ratio Lower Upper

96 100

61 174.5 124.7 231.5

63 190.6 105.2 195.4



#13

Acetone

Concen: 5.284 ug/L

RT: 2.678 min Scan# 416

Delta R.T. -0.006 min

Lab File: VU046740.D

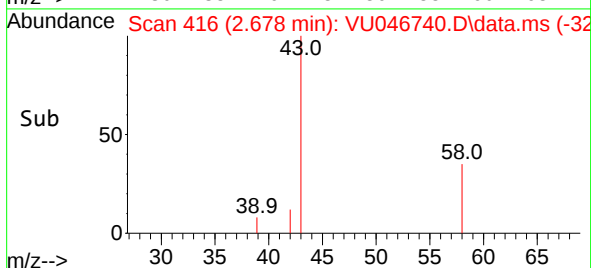
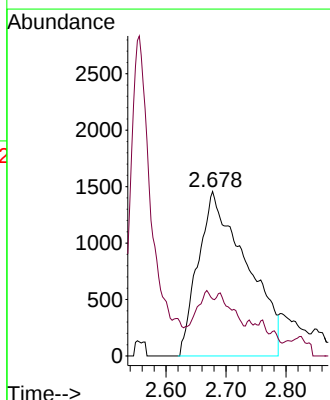
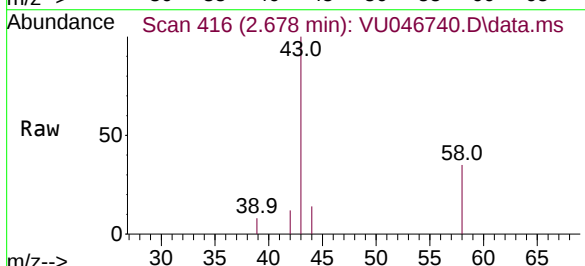
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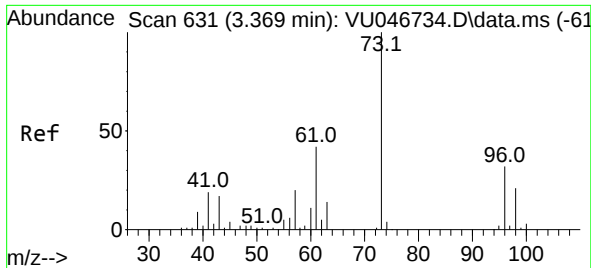
Tgt Ion: 43 Resp: 8134

Ion Ratio Lower Upper

43 100

58 6.5 0.0 71.6

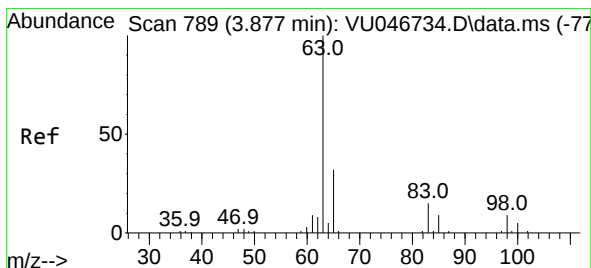
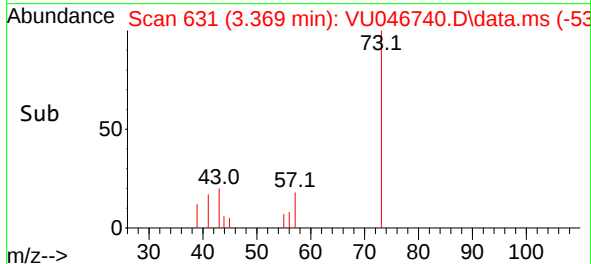
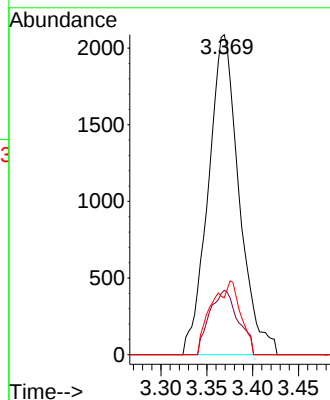
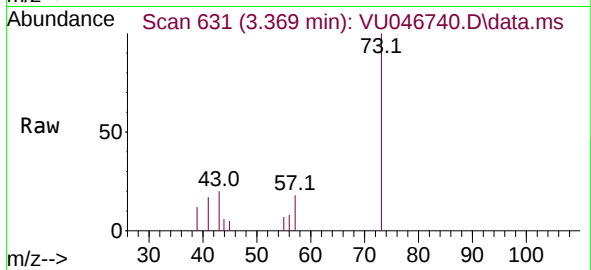




#17
Methyl tert-butyl Ether
Concen: 0.264 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU046740.D
Acq: 12 Jan 2022 14:16

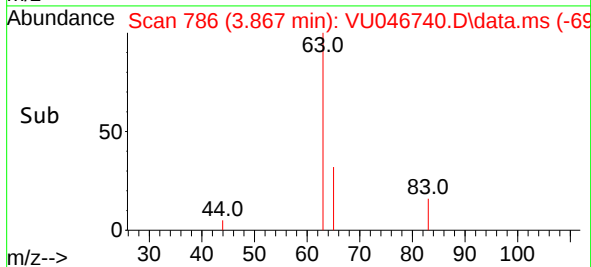
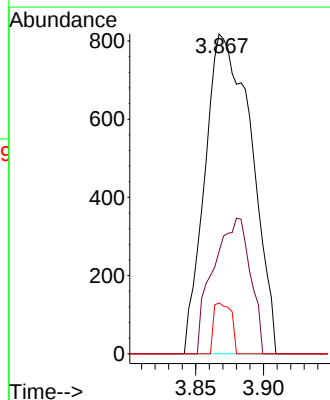
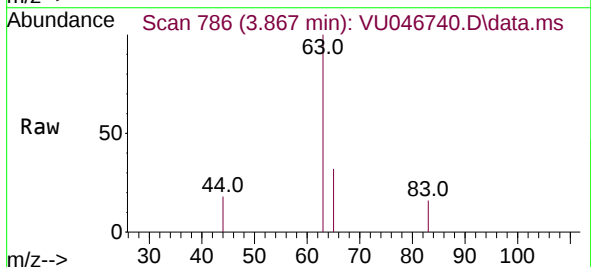
Instrument :
MSVOA_U
ClientSampleId :
BFXW8

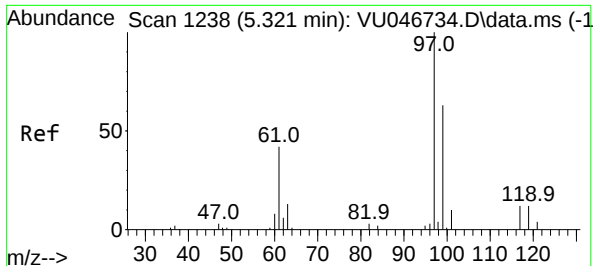
Tgt Ion: 73 Resp: 4874
Ion Ratio Lower Upper
73 100
43 18.7 14.8 22.2
57 10.9 17.4 26.0#



#19
1,1-Dichloroethane
Concen: 0.157 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU046740.D
Acq: 12 Jan 2022 14:16

Tgt Ion: 63 Resp: 1947
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.5
83 15.9 9.6 17.8





#29

1,1,1-Trichloroethane

Concen: 1.899 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046740.D

Acq: 12 Jan 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

BFXW8

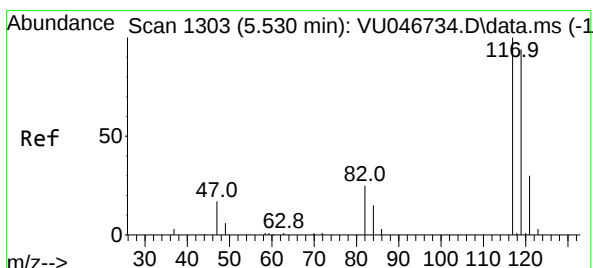
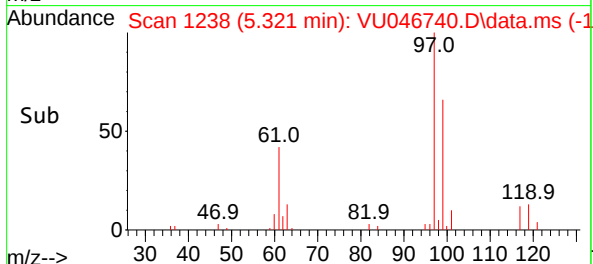
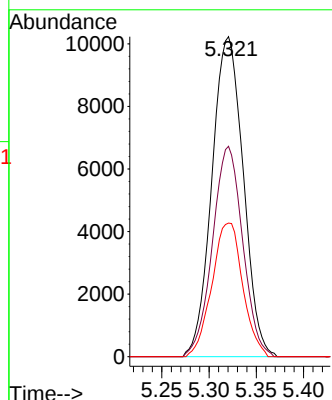
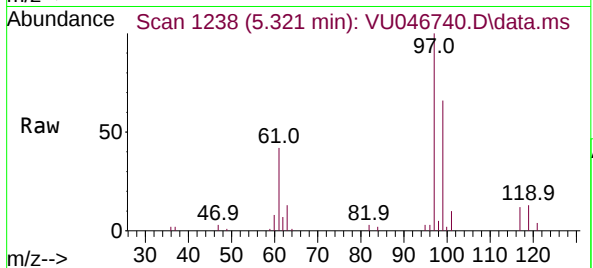
Tgt Ion: 97 Resp: 23592

Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 41.0 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.288 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.209 min

Lab File: VU046740.D

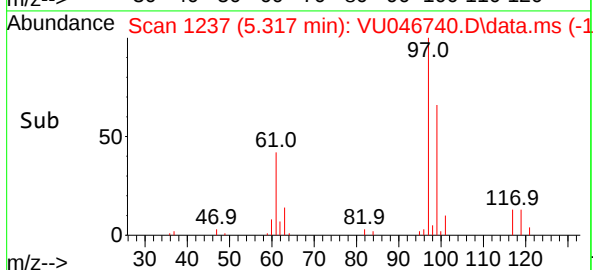
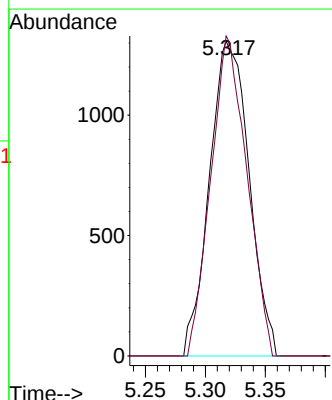
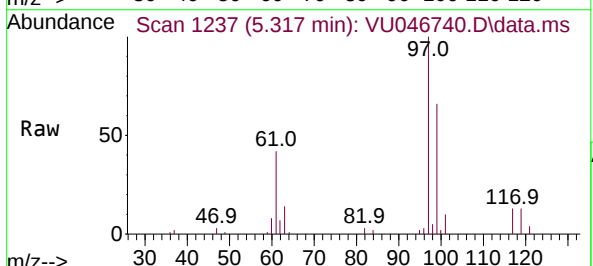
Acq: 12 Jan 2022 14:16

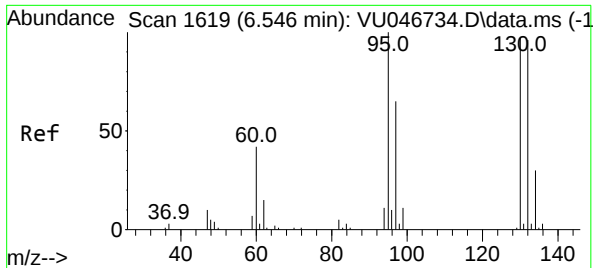
Tgt Ion: 117 Resp: 3002

Ion Ratio Lower Upper

117 100

119 92.3 77.5 116.3



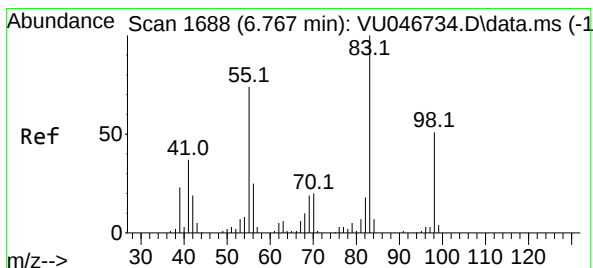
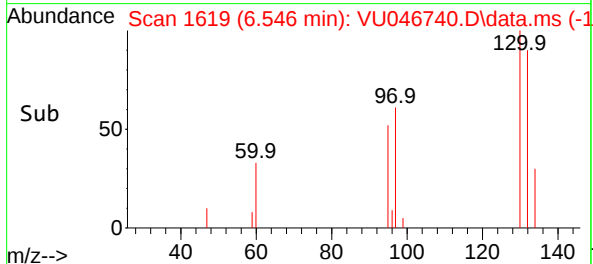
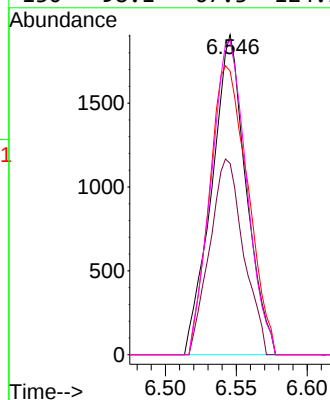
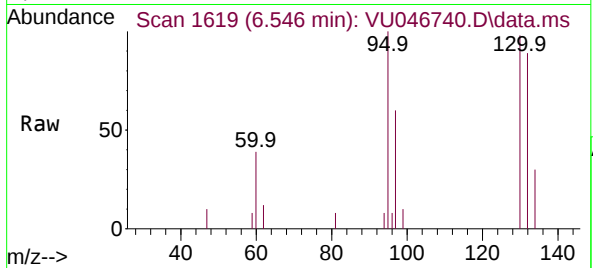


#34
Trichloroethene
Concen: 0.409 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. 0.003 min
Lab File: VU046740.D
Acq: 12 Jan 2022 14:16

Instrument :
MSVOA_U
ClientSampleId :
BFXW8

Tgt Ion: 95 Resp: 3216

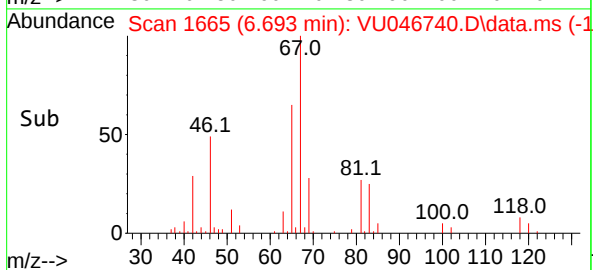
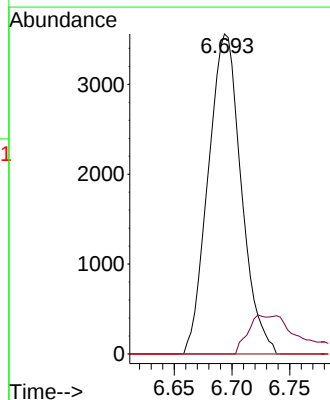
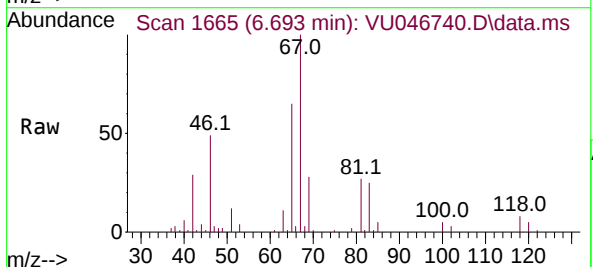
Ion	Ratio	Lower	Upper
95	100		
97	59.7	46.5	86.5
132	88.6	65.1	120.9
130	98.1	67.3	124.9

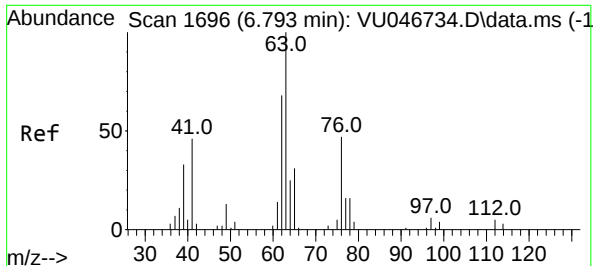


#35
Methylcyclohexane
Concen: 0.638 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU046740.D
Acq: 12 Jan 2022 14:16

Tgt Ion: 83 Resp: 7083

Ion	Ratio	Lower	Upper
83	100		
55	6.7	61.9	92.9#
98	0.3	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.387 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046740.D

Acq: 12 Jan 2022 14:16

Instrument :

MSVOA_U

ClientSampleId :

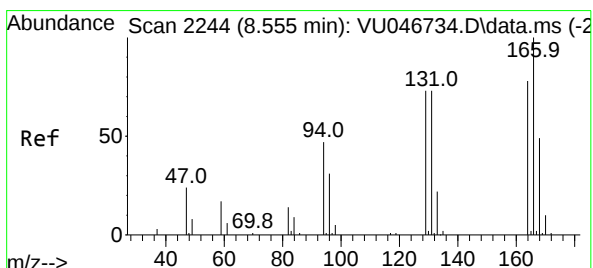
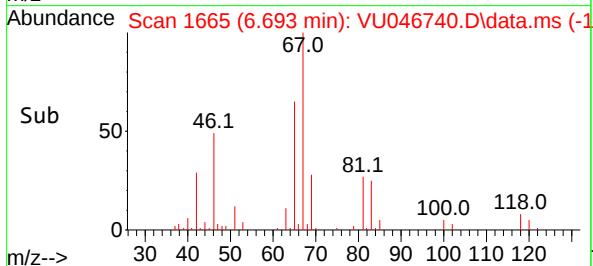
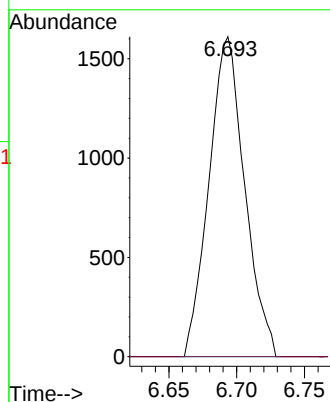
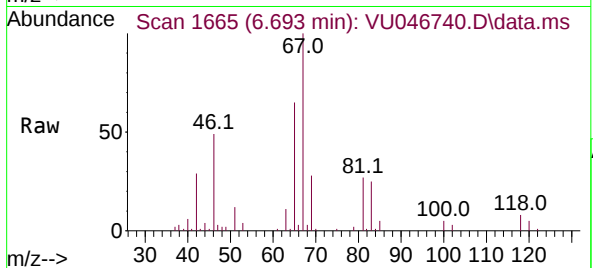
BFXW8

Tgt Ion: 63 Resp: 2951

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 9.672 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046740.D

Acq: 12 Jan 2022 14:16

Tgt Ion: 164 Resp: 53868

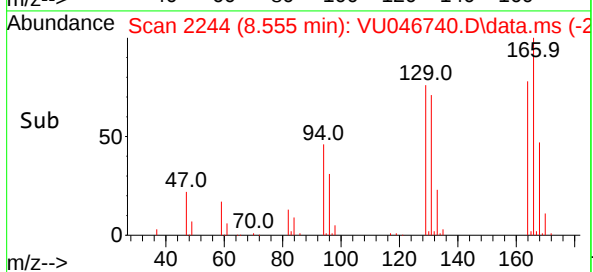
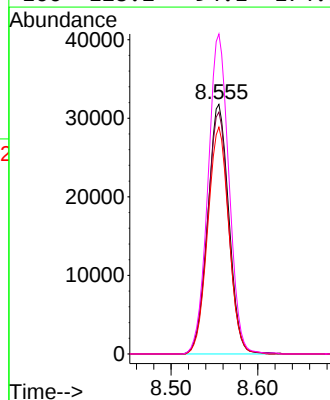
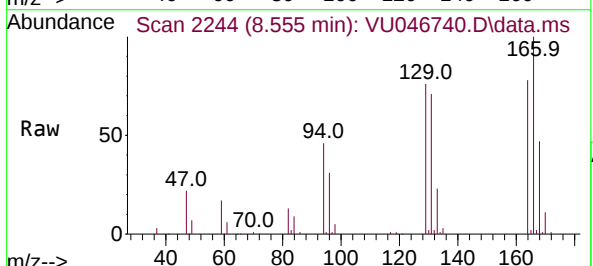
Ion Ratio Lower Upper

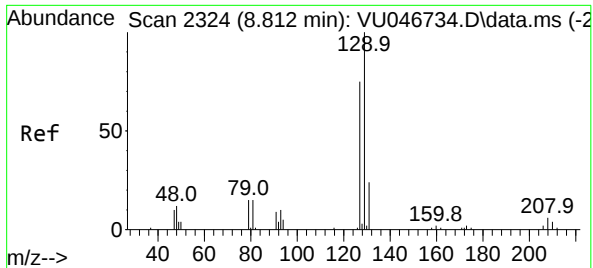
164 100

129 96.9 71.8 133.4

131 90.9 68.5 127.3

166 128.2 94.1 174.8





#49
 Dibromochloromethane
 Concen: 6.858 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU046740.D
 Acq: 12 Jan 2022 14:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW8

Tgt Ion:129 Resp: 51959
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#

