

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042063.D
 Acq On : 15 Jan 2021 11:13
 Operator : SY/MD
 Sample : M1129-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT60DL

Quant Time: Jan 16 01:07:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	129269	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	127412	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	57724	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36571	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.919	69	42244	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.578	63	58392	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.655	46	161595	49.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	5.080	84	99299	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.716	65	56412	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.739	84	187055	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.700	67	64365	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.906	98	150922	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloroprop...	8.186	79	23849	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.642	63	143036	51.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.78%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	55248	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.189	152	59140	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

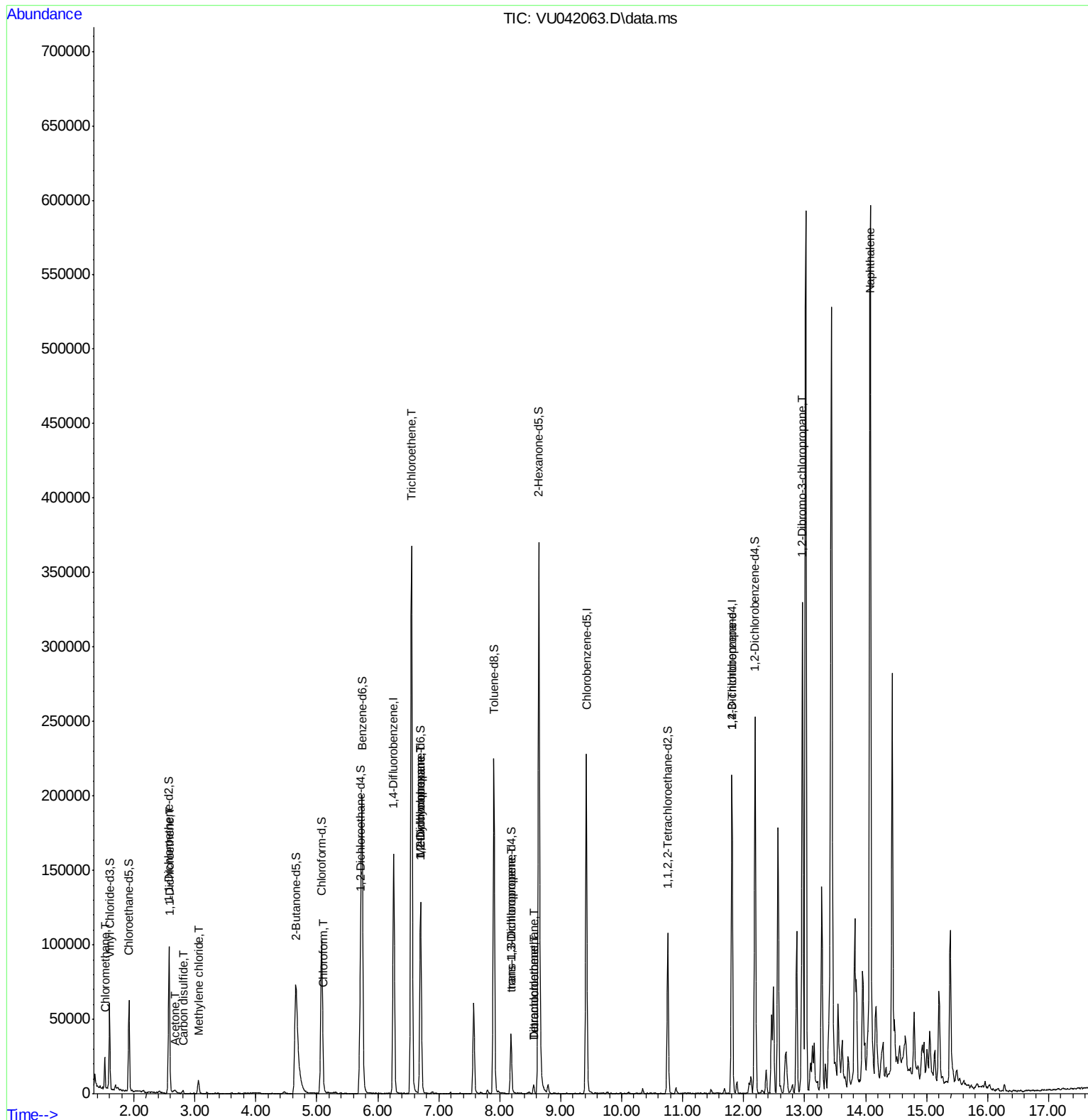
Target Compounds						Qvalue
3) Chloromethane	1.523	50	14559	0.98	ug/L	91
12) 1,1-Dichloroethene	2.581	96	583	0.06	ug/L #	1
13) Acetone	2.671	43	4533	2.22	ug/L	70
14) Carbon disulfide	2.806	76	2626	0.08	ug/L	98
16) Methylene chloride	3.060	84	4228	0.36	ug/L	94
25) Chloroform	5.099	83	1243	0.06	ug/L #	73
34) Trichloroethene	6.552	95	130186	11.04	ug/L	99
35) Methylcyclohexane	6.700	83	14818	0.79	ug/L #	17
37) 1,2-Dichloropropane	6.703	63	6932	0.57	ug/L #	90
44) trans-1,3-Dichloropropene	8.189	75	991	0.06	ug/L	84
47) Tetrachloroethene	8.562	164	1372	0.18	ug/L	97
49) Dibromochloromethane	8.559	129	1336	0.14	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	7228	0.90	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.964	75	1480	0.87	ug/L #	8
69) Naphthalene	14.076	128	435050	24.05	ug/L	99

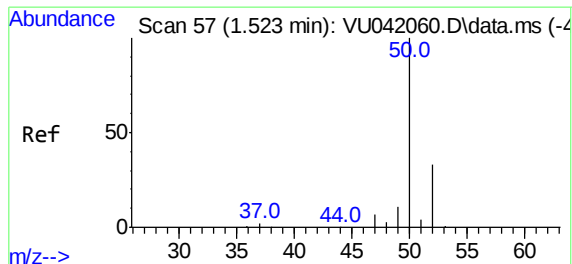
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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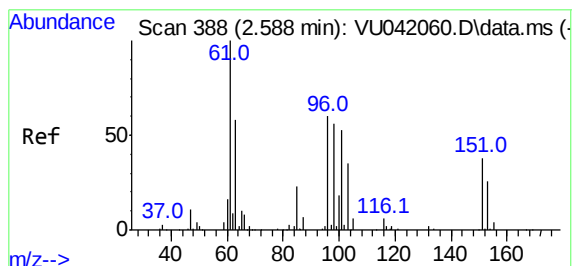
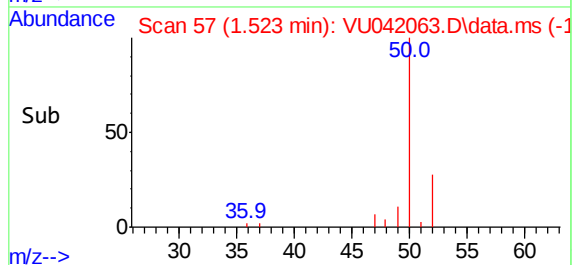
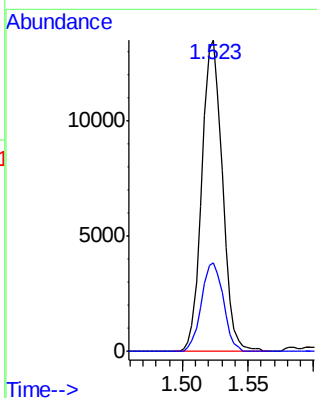
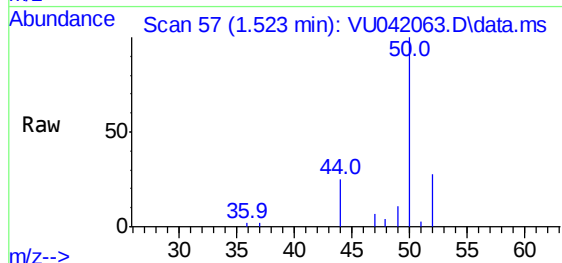




#3
Chloromethane
Concen: 0.98 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

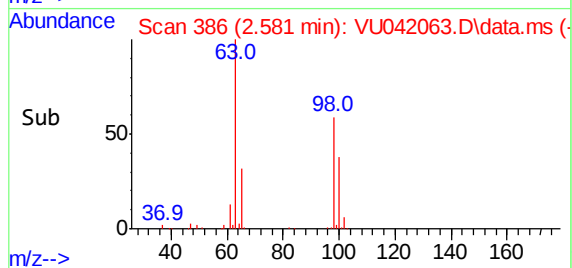
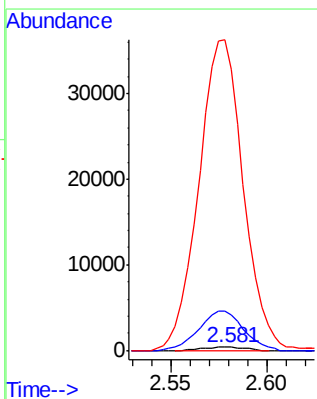
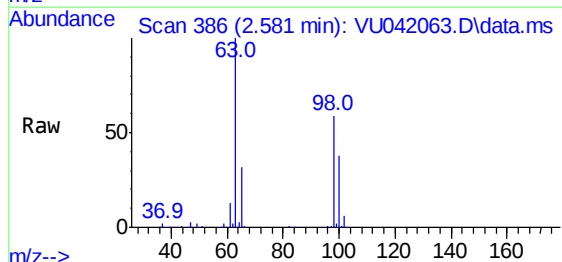
Instrument :
MSVOA_U
ClientSampleId :
BFT60DL

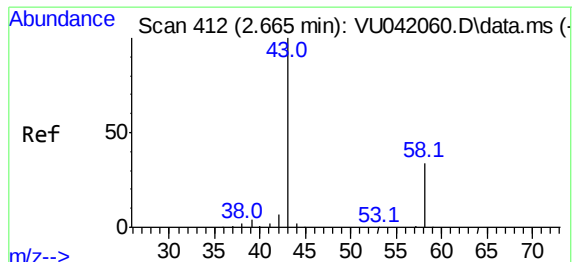
Tgt Ion: 50 Resp: 14559
Ion Ratio Lower Upper
50 100
52 28.4 23.5 43.7



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

Tgt Ion: 96 Resp: 583
Ion Ratio Lower Upper
96 100
61 1188.2 122.2 226.9#
63 9472.8 82.8 153.8#

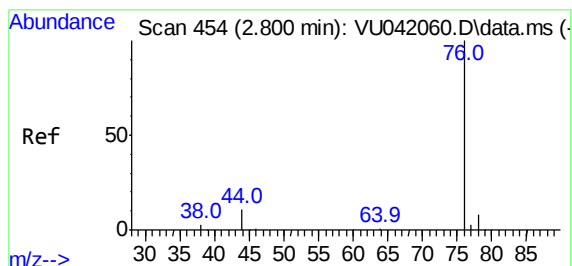
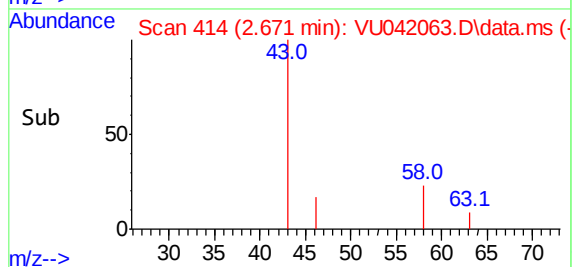
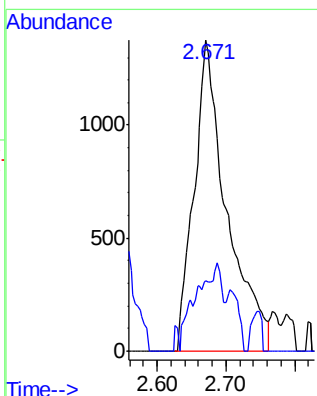
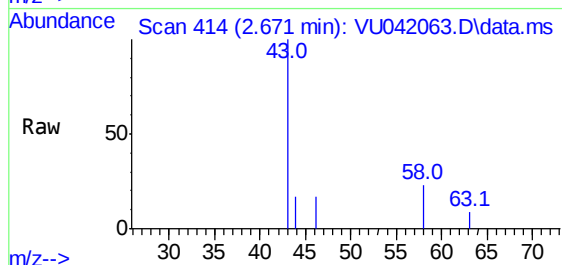




#13
Acetone
Concen: 2.22 ug/L
RT: 2.671 min Scan# 414
Delta R.T. 0.006 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

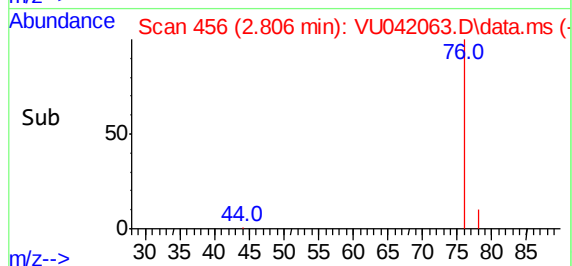
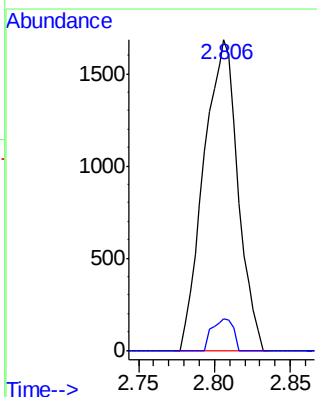
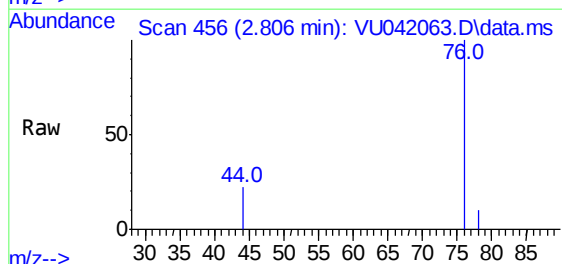
Instrument :
MSVOA_U
ClientSampleId :
BFT60DL

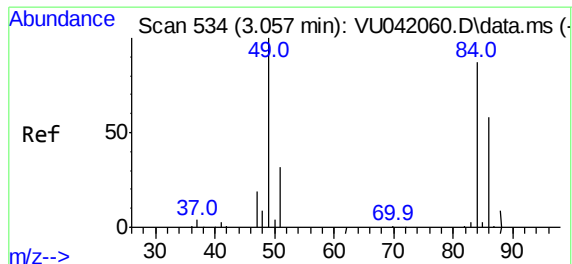
Tgt Ion: 43 Resp: 4533
Ion Ratio Lower Upper
43 100
58 12.9 0.0 57.4



#14
Carbon disulfide
Concen: 0.08 ug/L
RT: 2.806 min Scan# 456
Delta R.T. 0.006 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

Tgt Ion: 76 Resp: 2626
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

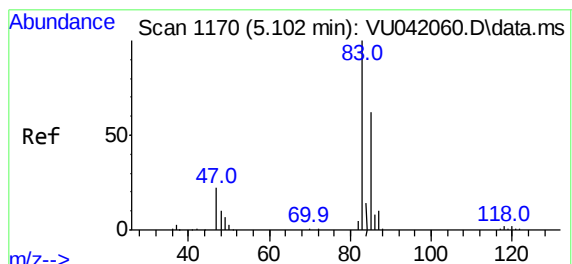
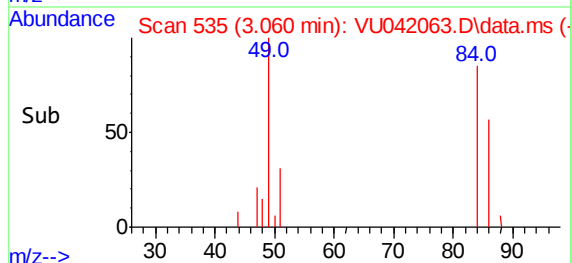
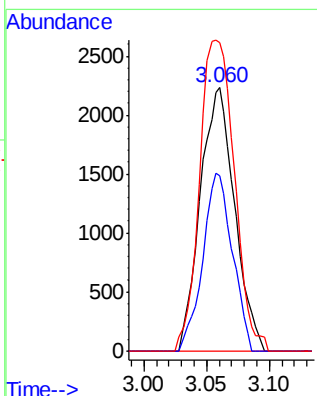
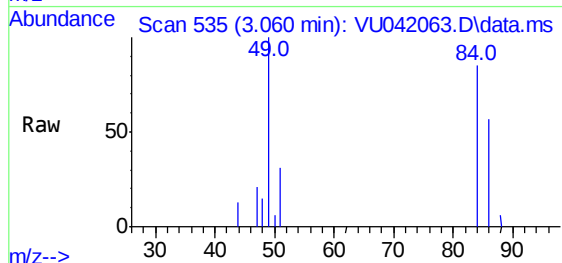




#16
Methylene chloride
Concen: 0.36 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

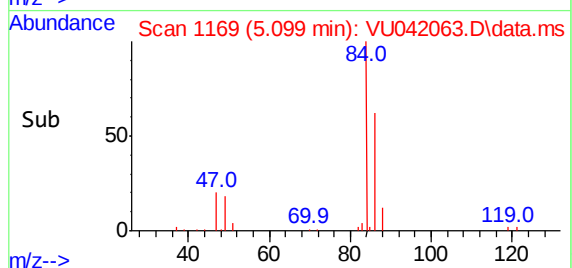
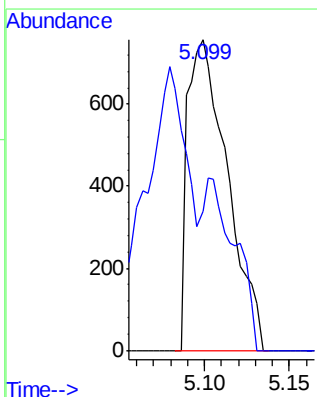
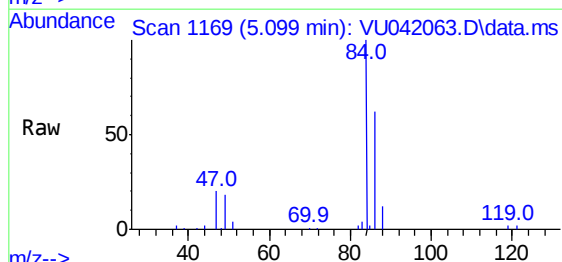
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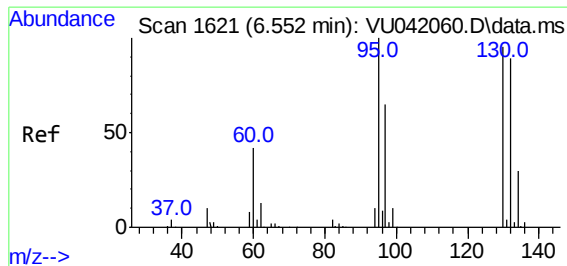
Tgt Ion: 84 Resp: 4228
Ion Ratio Lower Upper
84 100
86 66.7 42.6 79.0
49 117.0 86.2 160.0



#25
Chloroform
Concen: 0.06 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.003 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

Tgt Ion: 83 Resp: 1243
Ion Ratio Lower Upper
83 100
85 44.8 46.1 85.7#



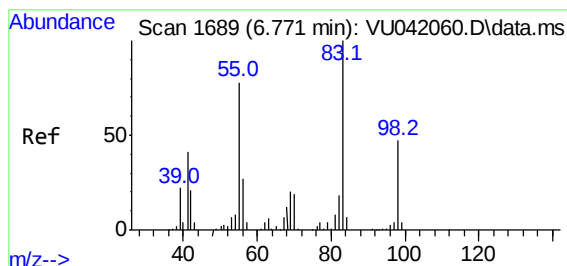
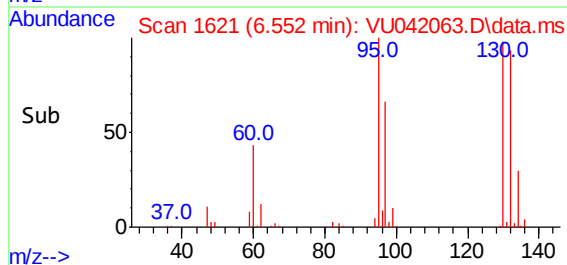
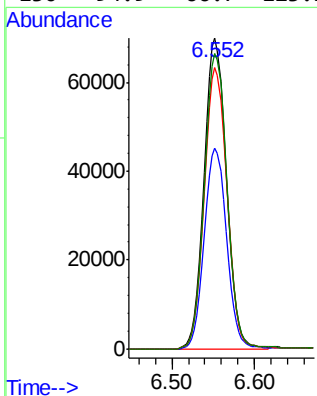
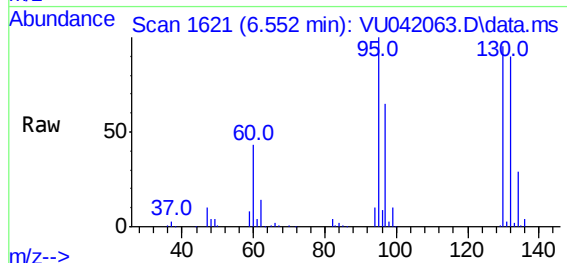


#34
Trichloroethene
Concen: 11.04 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

Instrument :
MSVOA_U
ClientSampleId :
BFT60DL

Tgt Ion: 95 Resp: 130186

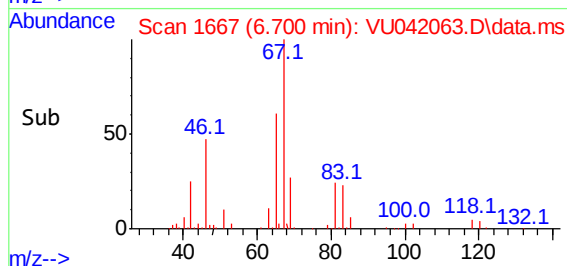
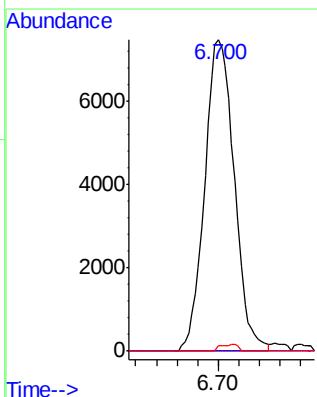
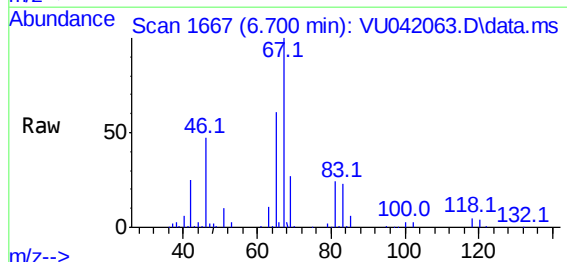
Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.6	81.0
132	90.5	64.3	119.3
130	94.9	66.7	123.9

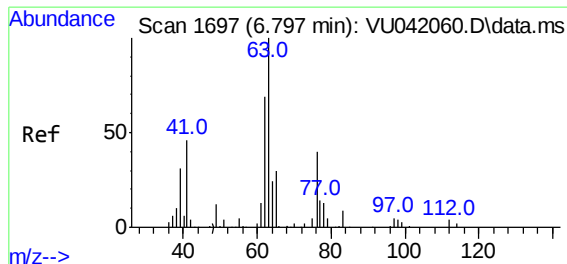


#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

Tgt Ion: 83 Resp: 14818

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	1.1	35.7	53.5#

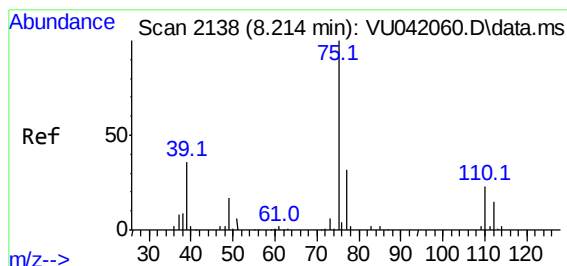
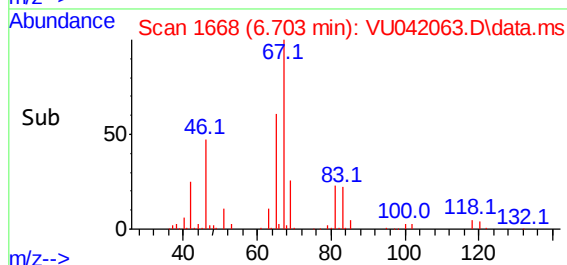
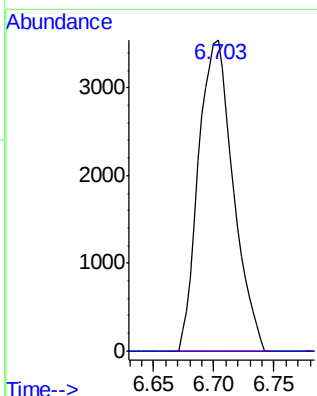
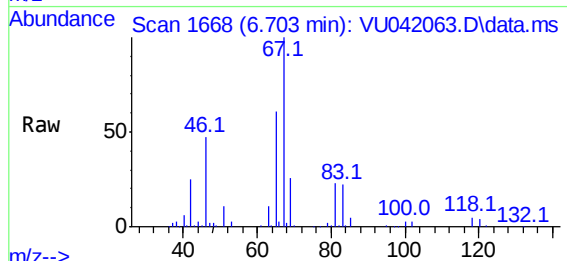




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.093 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

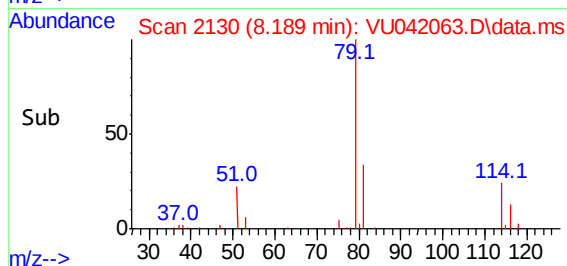
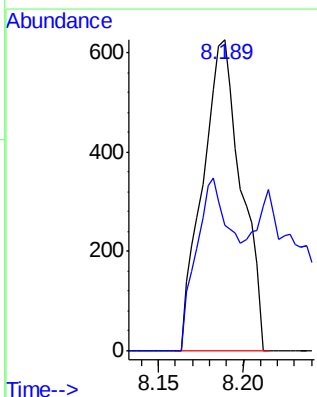
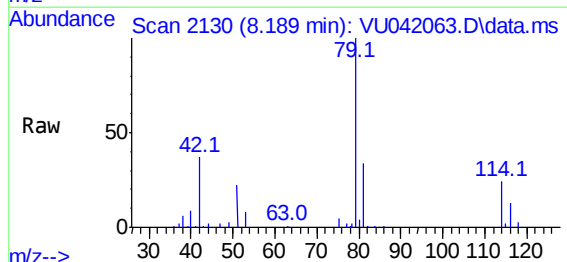
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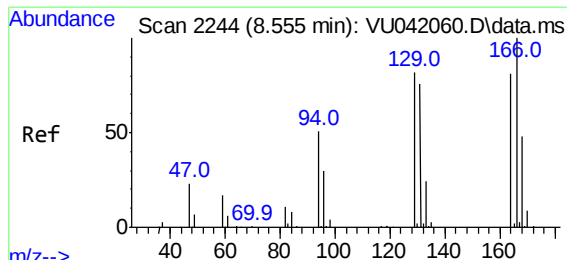
Tgt Ion: 63 Resp: 6932
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

Tgt Ion: 75 Resp: 991
Ion Ratio Lower Upper
75 100
77 40.2 22.0 41.0





#47

Tetrachloroethene

Concen: 0.18 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.006 min

Lab File: VU042063.D

Acq: 15 Jan 2021 11:13

Instrument :

MSVOA_U

ClientSampled :

BFT60DL

Tgt Ion:164 Resp: 1372

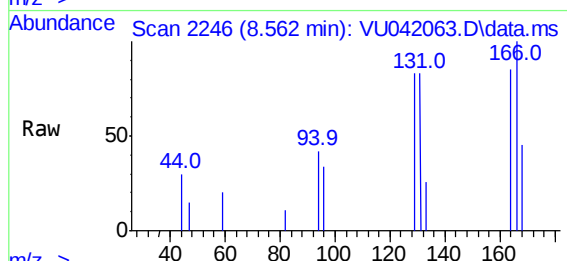
Ion Ratio Lower Upper

164 100

129 97.3 68.7 127.5

131 97.0 65.2 121.0

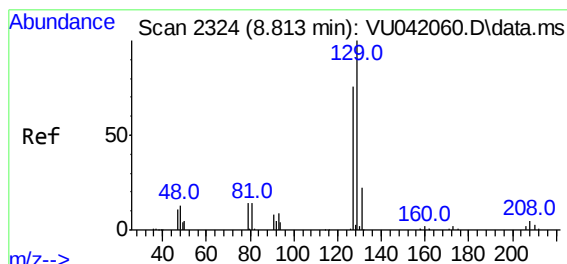
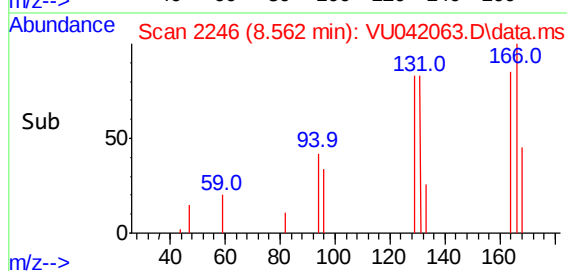
166 117.5 86.2 160.0



Abundance



Time-->



#49

Dibromochloromethane

Concen: 0.14 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU042063.D

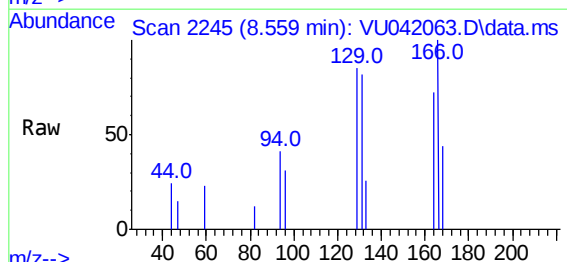
Acq: 15 Jan 2021 11:13

Tgt Ion:129 Resp: 1336

Ion Ratio Lower Upper

129 100

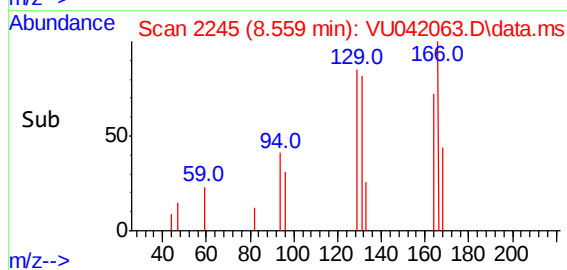
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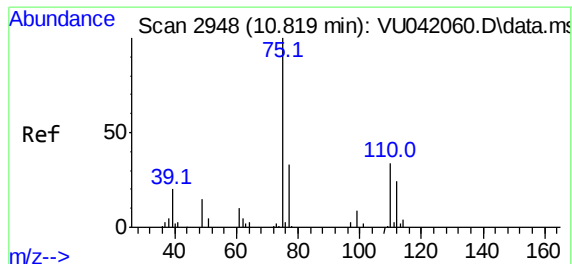


Abundance



Time-->

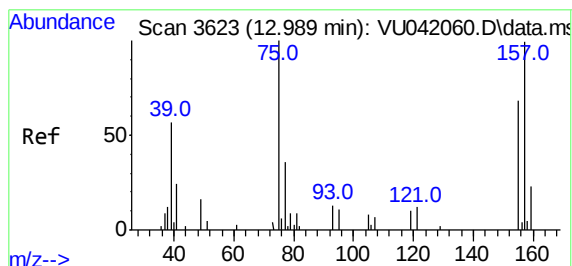
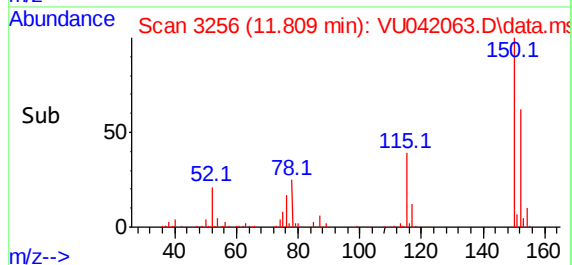
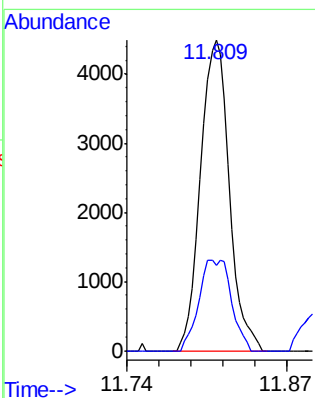
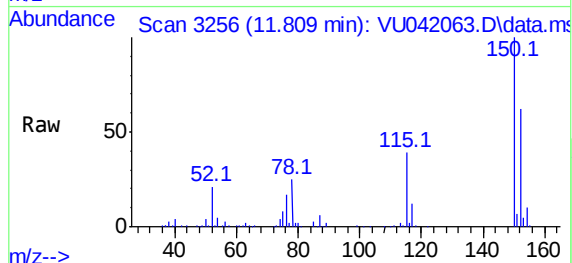




#59
 1,2,3-Trichloropropane
 Concen: 0.90 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU042063.D
 Acq: 15 Jan 2021 11:13

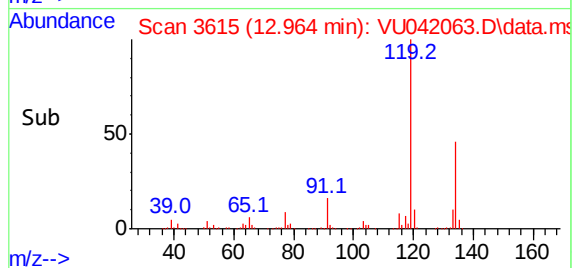
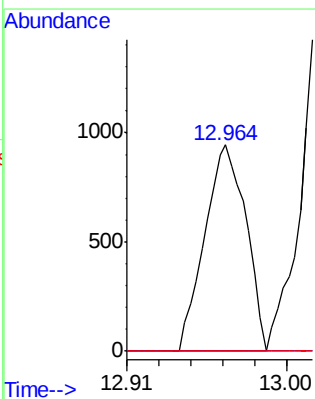
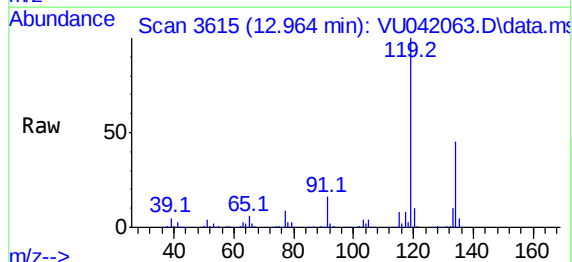
Instrument :
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 ClientSampleId :
 BFT60DL

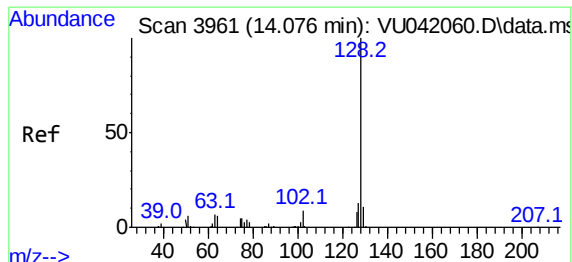
Tgt Ion: 75 Resp: 7228
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.87 ug/L
 RT: 12.964 min Scan# 3615
 Delta R.T. -0.026 min
 Lab File: VU042063.D
 Acq: 15 Jan 2021 11:13

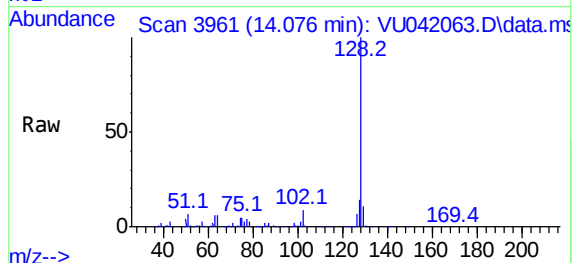
Tgt Ion: 75 Resp: 1480
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.6 84.8#
 157 0.0 75.0 112.4#





#69
Naphthalene
Concen: 24.05 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VU042063.D
Acq: 15 Jan 2021 11:13

Instrument :
MSVOA_U
ClientSampleId :
BFT60DL



Tgt Ion:128 Resp: 435050

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.4	10.5	15.7

