

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046789.D
 Acq On : 18 Jan 2022 18:09
 Operator : SY/MD
 Sample : N1179-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 07:24:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 06:55:47 2022
 Response via : Initial Calibration

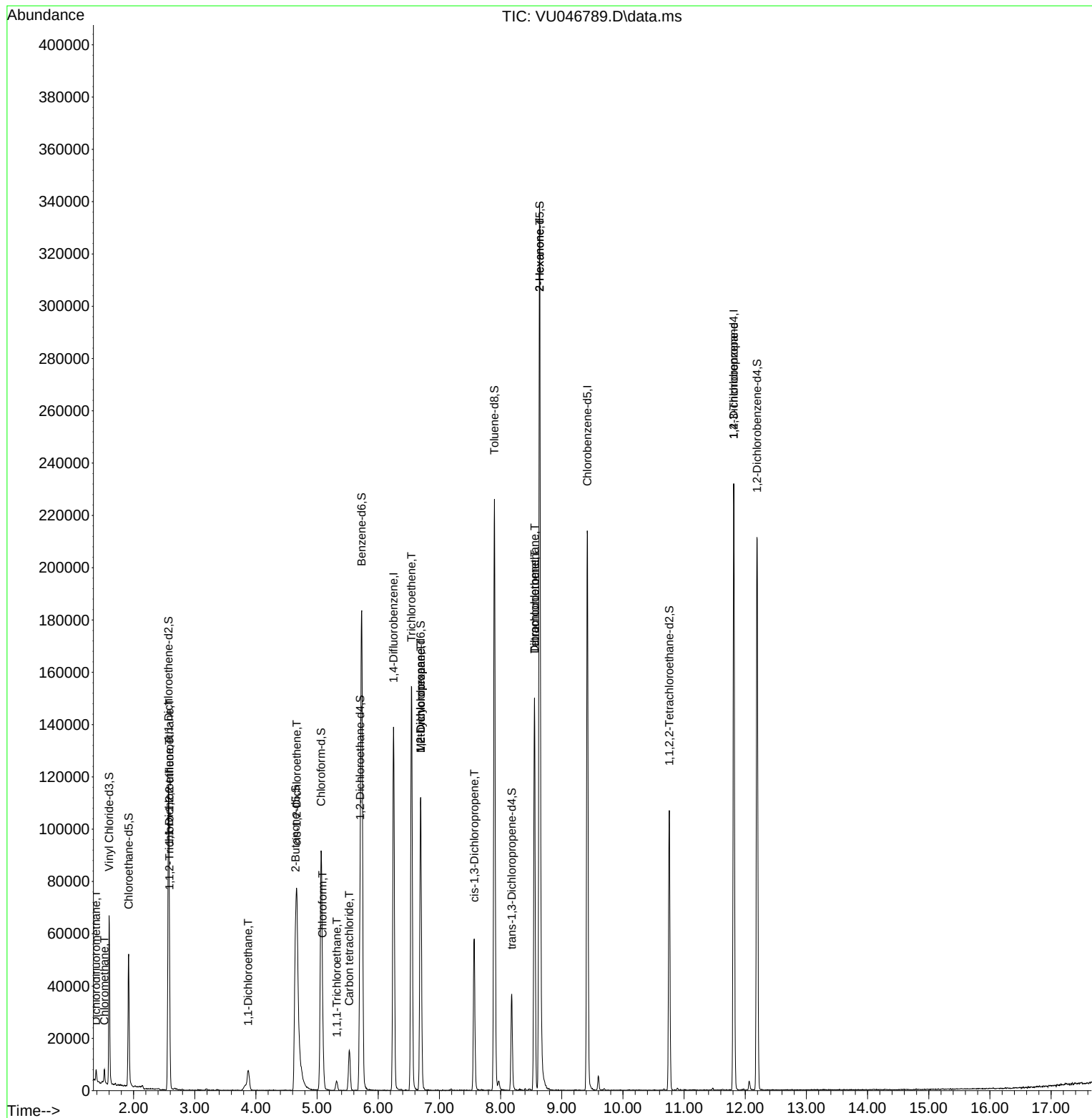
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	119706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	126240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	48183	4.750	ug/L	0.00
7) Chloroethane-d5	1.919	69	39600	4.955	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	19389	4.805	ug/L	0.00
20) 2-Butanone-d5	4.649	46	157665	52.468	ug/L	0.00
24) Chloroform-d	5.067	84	84826	4.764	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	48010	4.951	ug/L	0.00
32) Benzene-d6	5.729	84	178474	4.810	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	56003	5.027	ug/L	0.00
41) Toluene-d8	7.899	98	154538	4.551	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	22053	4.508	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	139447	48.139	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	52590	4.702	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	59558	4.993	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2121	0.188	ug/L	97
3) Chloromethane	1.523	50	3943	0.425	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2868	0.410	ug/L #	91
12) 1,1-Dichloroethene	2.584	96	7253	1.085	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	6090	0.501	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	15660	2.051	ug/L	97
25) Chloroform	5.089	83	13301	0.689	ug/L	95
29) 1,1,1-Trichloroethane	5.321	97	2790	0.245	ug/L	96
31) Carbon tetrachloride	5.526	117	10840	1.111	ug/L	99
34) Trichloroethene	6.542	95	55223	7.156	ug/L	96
35) Methylcyclohexane	6.694	83	13092	1.013	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5635	0.773	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1448	0.127	ug/L #	64
47) Tetrachloroethene	8.555	164	33731	5.374	ug/L	97
48) 2-Hexanone	8.639	43	15437	3.826	ug/L #	66
49) Dibromochloromethane	8.555	129	31451	4.298	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7206	1.337	ug/L #	67

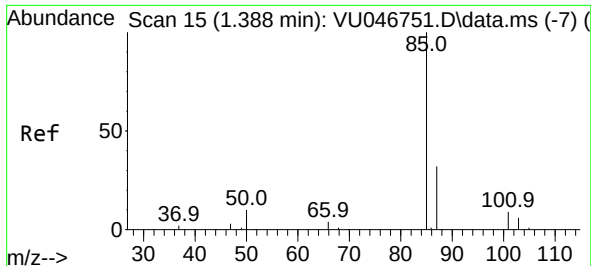
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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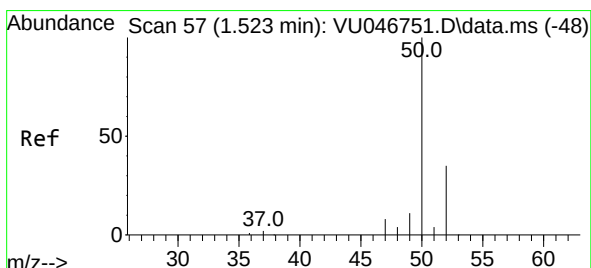
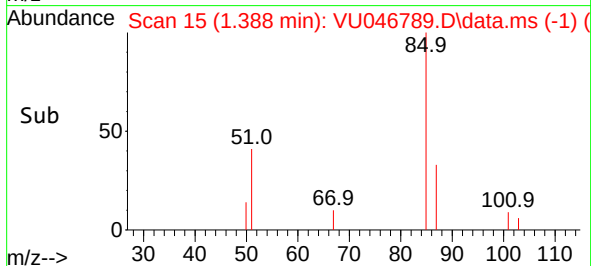
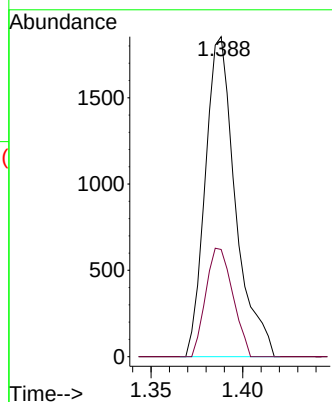
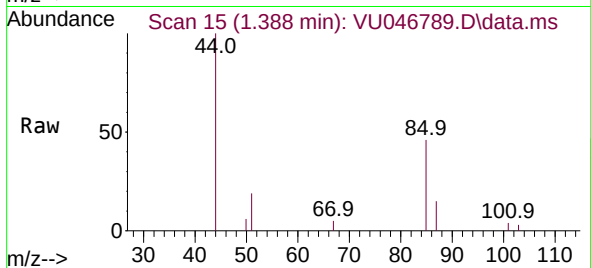




#2
Dichlorodifluoromethane
Concen: 0.188 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

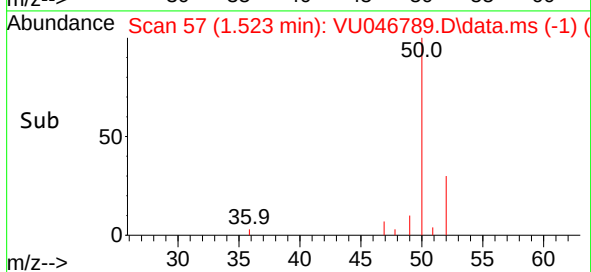
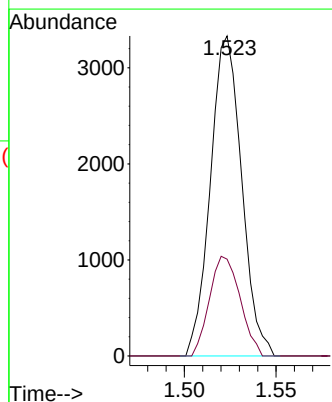
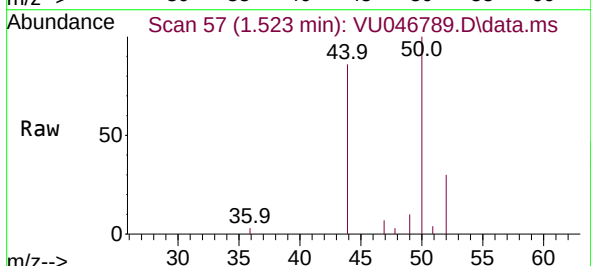
Instrument :
MSVOA_U
ClientSampleId :

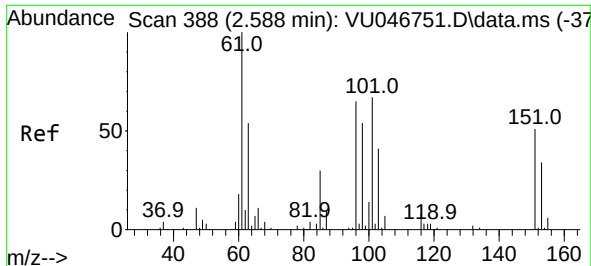
Tgt Ion: 85 Resp: 2121
Ion Ratio Lower Upper
85 100
87 30.3 25.8 38.6



#3
Chloromethane
Concen: 0.425 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

Tgt Ion: 50 Resp: 3943
Ion Ratio Lower Upper
50 100
52 30.3 23.0 42.8





#10

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

Concen: 0.410 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.004 min

Lab File: VU046789.D

Acq: 18 Jan 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

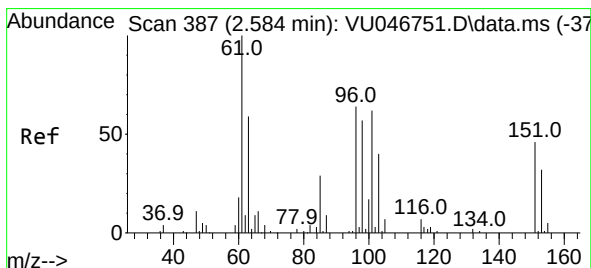
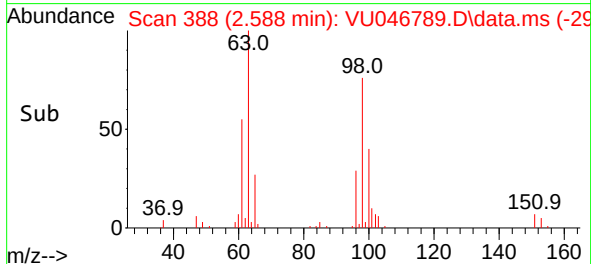
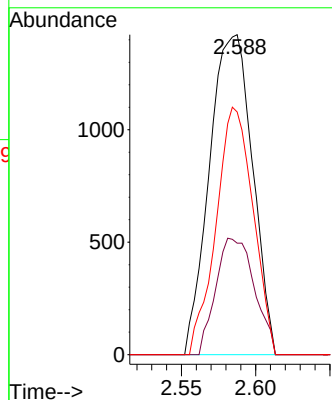
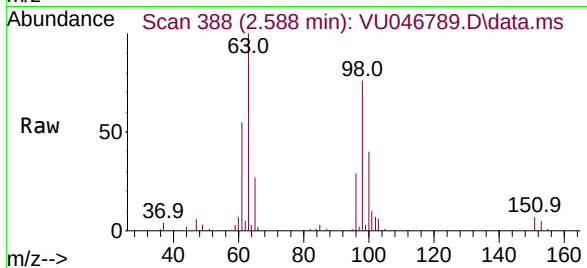
Tgt Ion:101 Resp: 2868

Ion Ratio Lower Upper

101 100

85 32.6 34.6 51.8#

151 66.6 56.1 84.1



#12

1,1-Dichloroethene

Concen: 1.085 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU046789.D

Acq: 18 Jan 2022 18:09

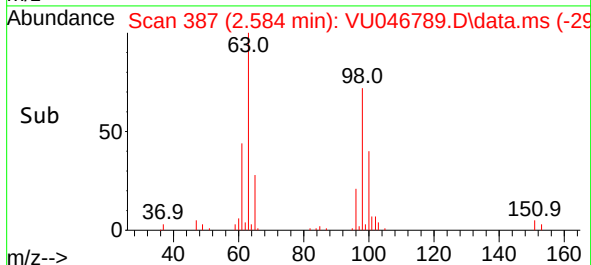
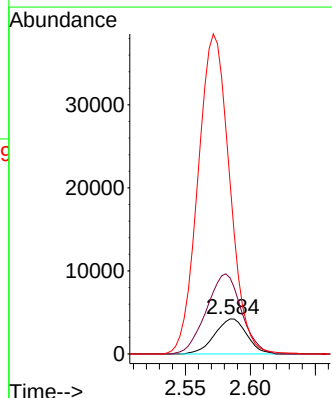
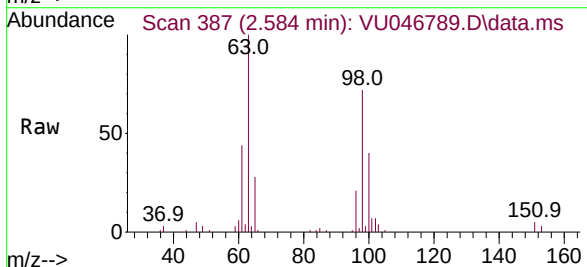
Tgt Ion: 96 Resp: 7253

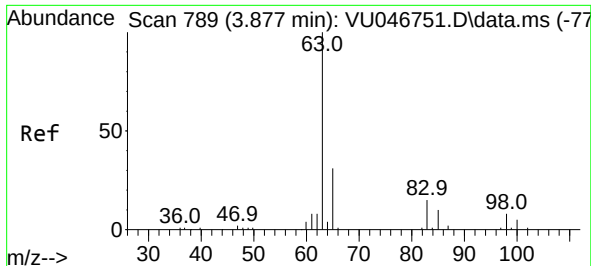
Ion Ratio Lower Upper

96 100

61 216.6 124.7 231.5

63 487.8 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.501 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU046789.D

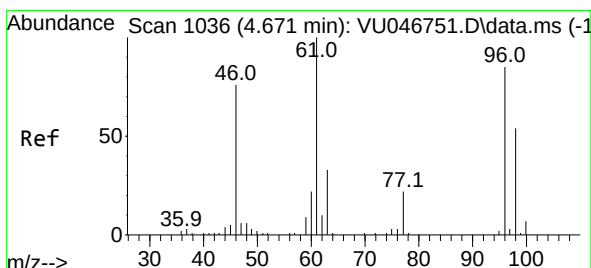
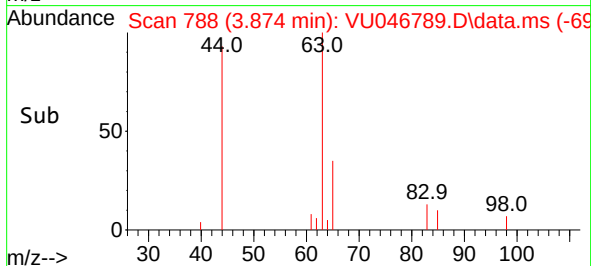
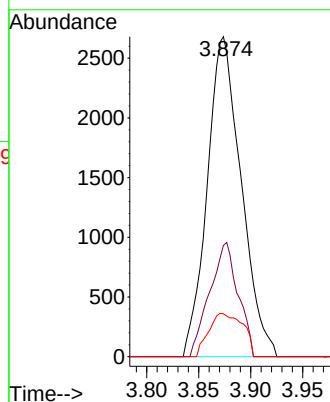
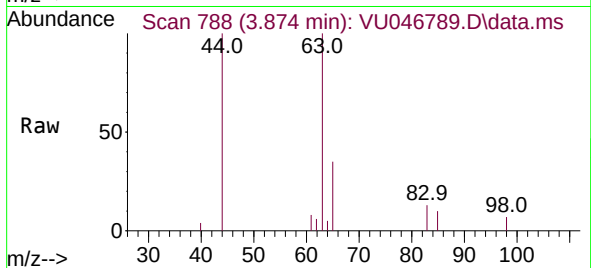
Acq: 18 Jan 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	6090
Ion Ratio	Lower	Upper	
63	100		
65	34.8	22.3	41.5
83	13.4	9.6	17.8



#22

cis-1,2-Dichloroethene

Concen: 2.051 ug/L

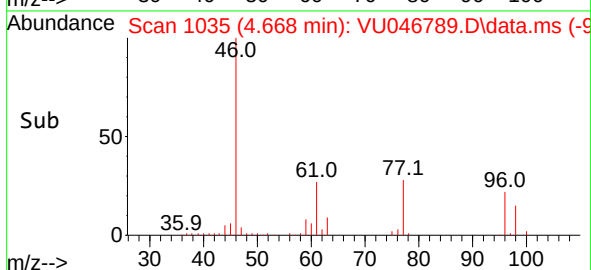
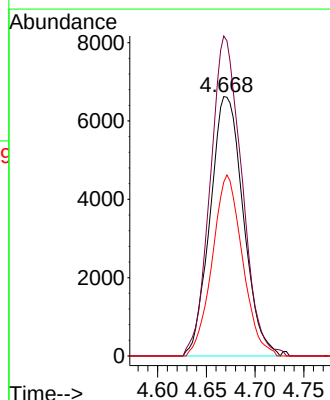
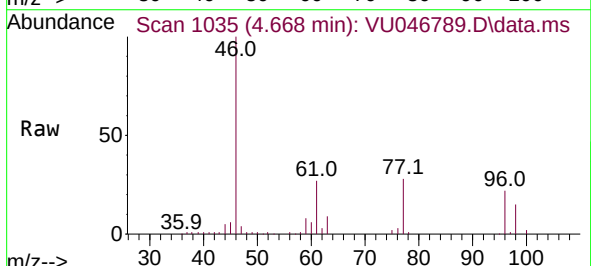
RT: 4.668 min Scan# 1035

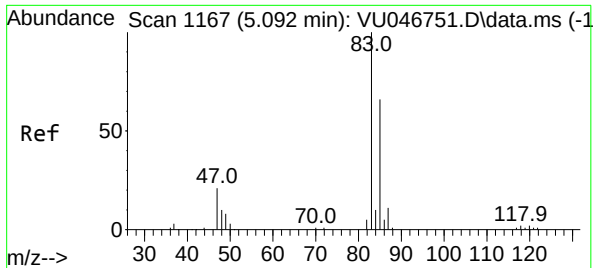
Delta R.T. -0.003 min

Lab File: VU046789.D

Acq: 18 Jan 2022 18:09

Tgt Ion:	96	Resp:	15660
Ion Ratio	Lower	Upper	
96	100		
61	123.4	88.5	164.3
98	67.0	44.4	82.5

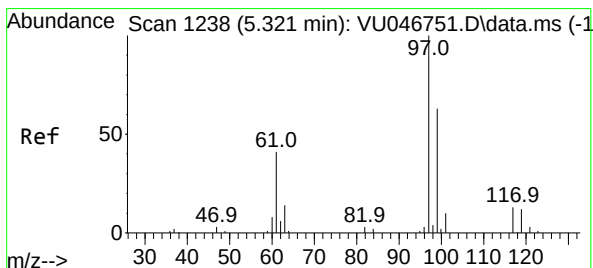
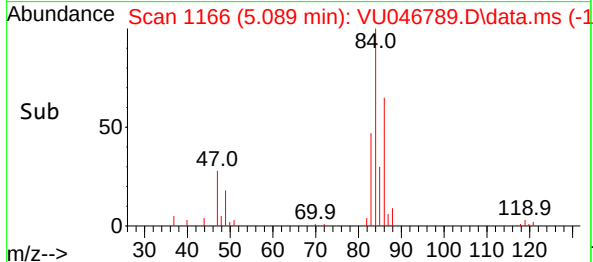
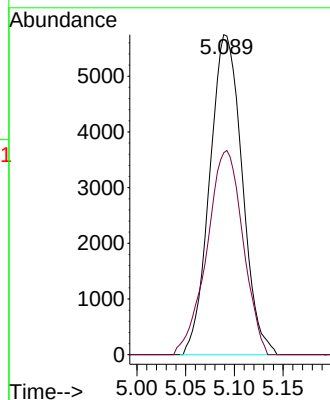
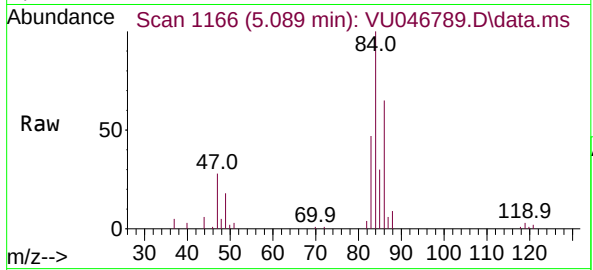




#25
Chloroform
Concen: 0.689 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

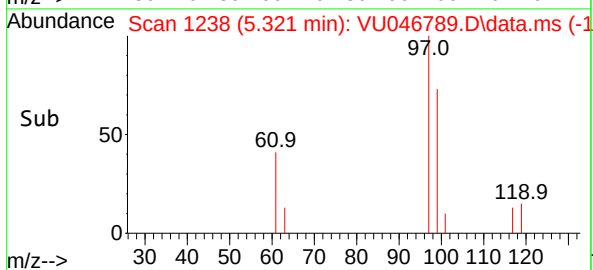
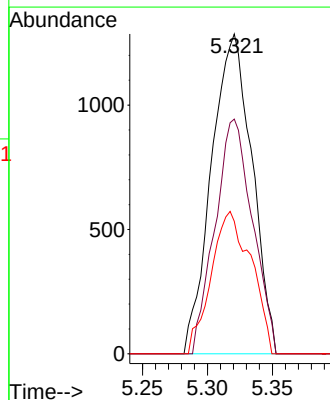
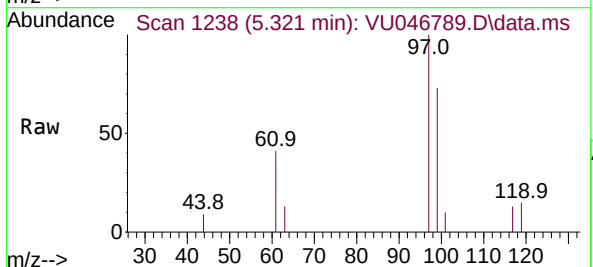
Instrument :
MSVOA_U
ClientSampleId :

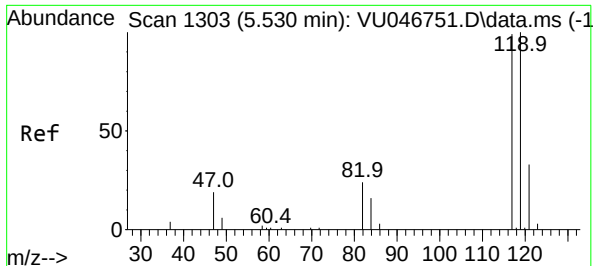
Tgt Ion: 83 Resp: 13301
Ion Ratio Lower Upper
83 100
85 63.1 46.9 87.1



#29
1,1,1-Trichloroethane
Concen: 0.245 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

Tgt Ion: 97 Resp: 2790
Ion Ratio Lower Upper
97 100
99 68.0 51.3 76.9
61 44.0 36.1 54.1

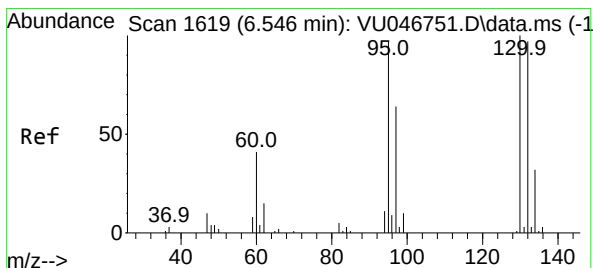
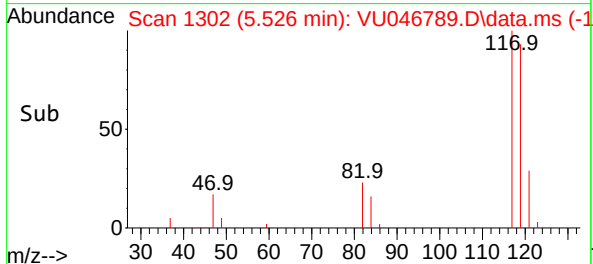
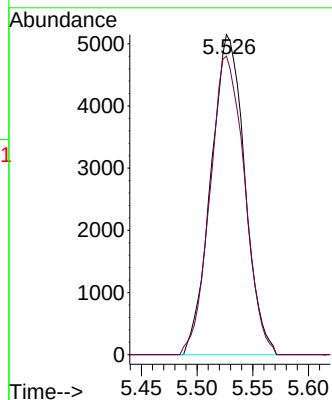
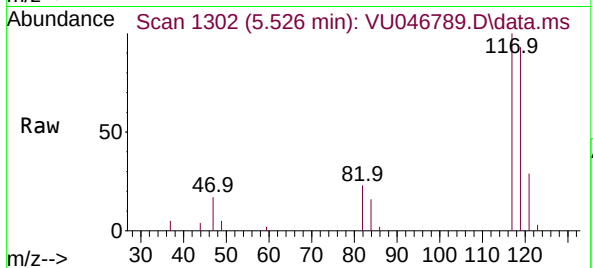




#31
Carbon tetrachloride
Concen: 1.111 ug/L
RT: 5.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

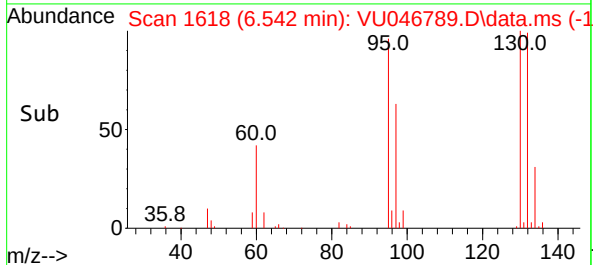
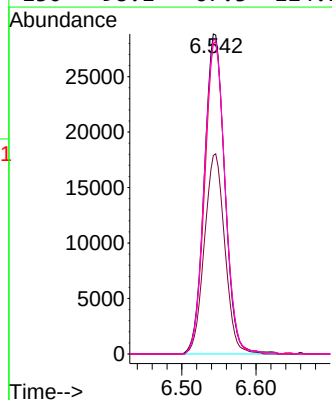
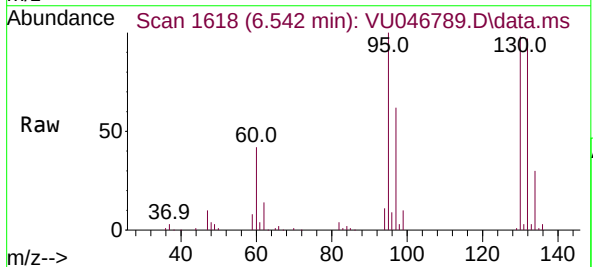
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MSVOA_U
ClientSampleId :

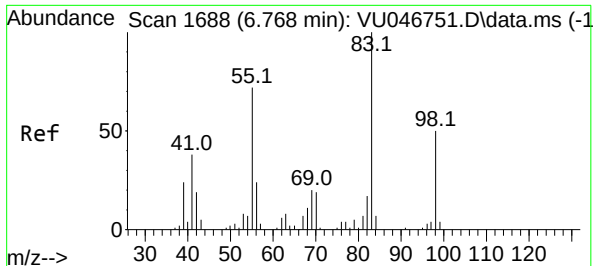
Tgt Ion:117 Resp: 10840
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#34
Trichloroethene
Concen: 7.156 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

Tgt Ion: 95 Resp: 55223
Ion Ratio Lower Upper
95 100
97 62.1 46.5 86.5
132 97.0 65.1 120.9
130 98.1 67.3 124.9

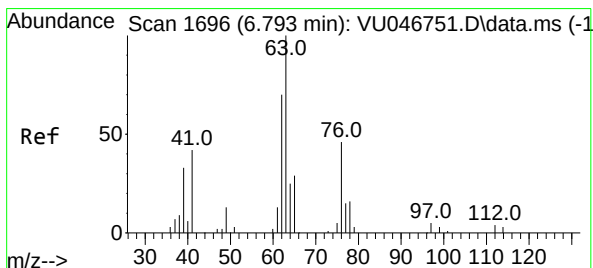
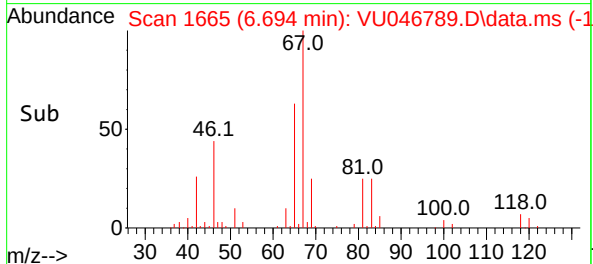
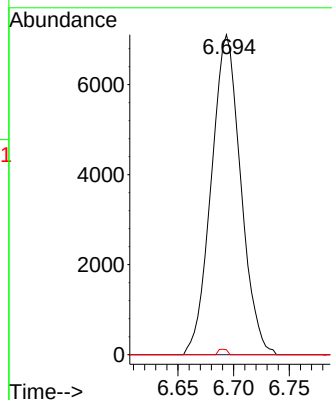
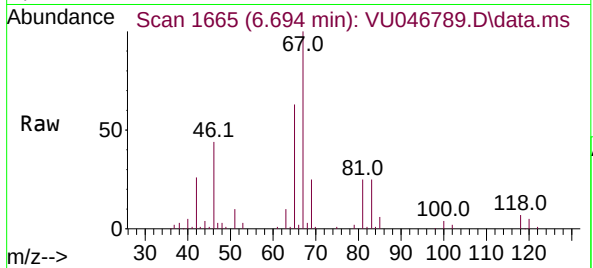




#35
Methylcyclohexane
Concen: 1.013 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

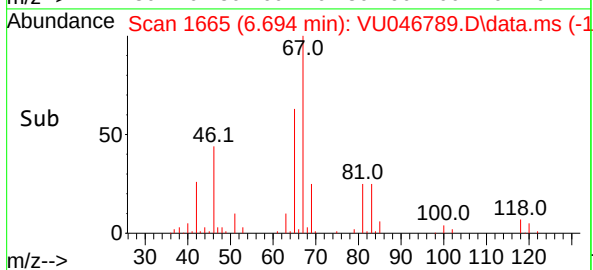
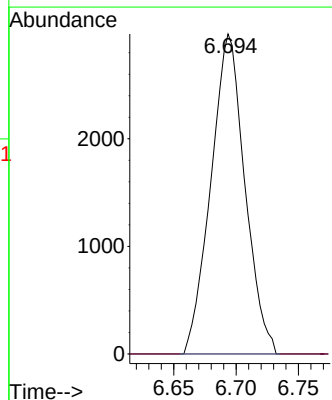
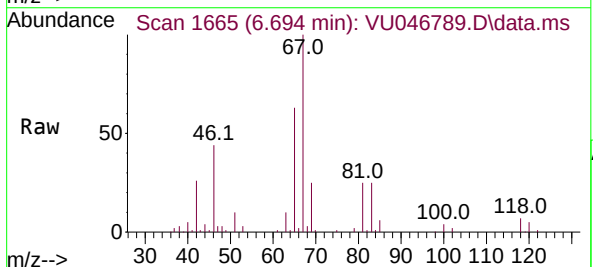
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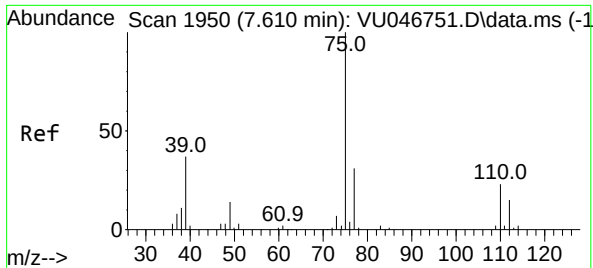
Tgt Ion: 83 Resp: 13092
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.5 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.773 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

Tgt Ion: 63 Resp: 5635
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.039 min

Lab File: VU046789.D

Acq: 18 Jan 2022 18:09

Instrument :

MSVOA_U

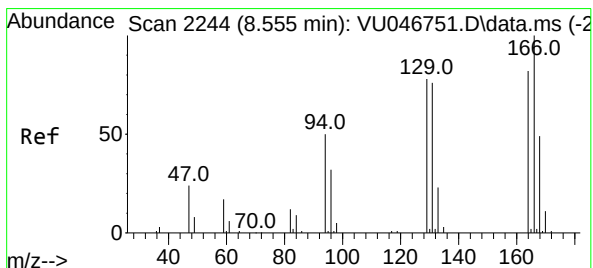
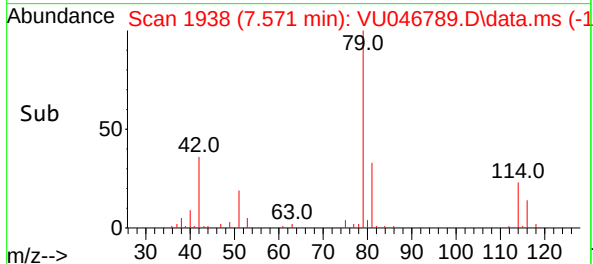
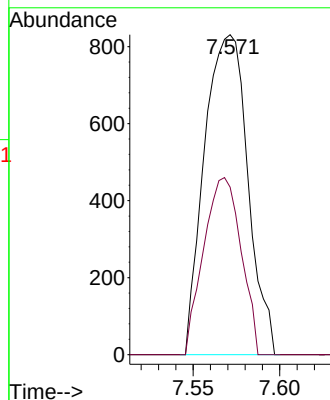
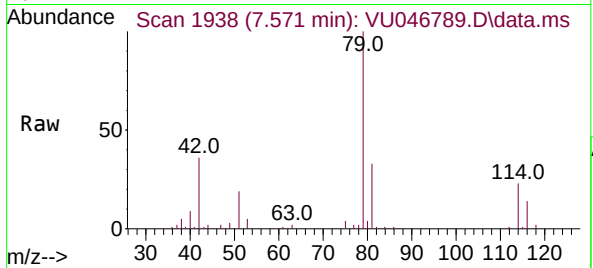
ClientSampleId :

Tgt Ion: 75 Resp: 1448

Ion Ratio Lower Upper

75 100

77 52.3 22.5 41.9#



#47

Tetrachloroethene

Concen: 5.374 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046789.D

Acq: 18 Jan 2022 18:09

Tgt Ion:164 Resp: 33731

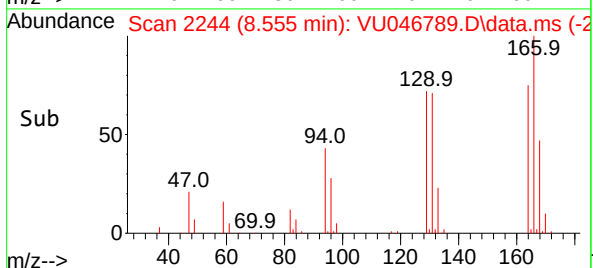
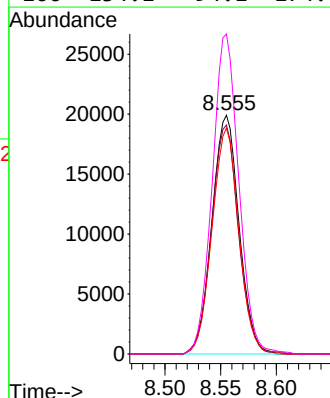
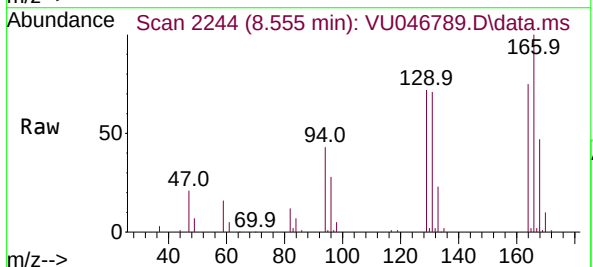
Ion Ratio Lower Upper

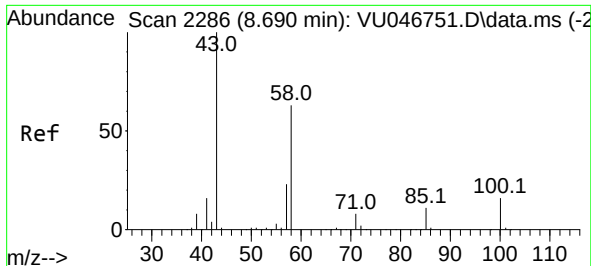
164 100

129 95.9 71.8 133.4

131 94.7 68.5 127.3

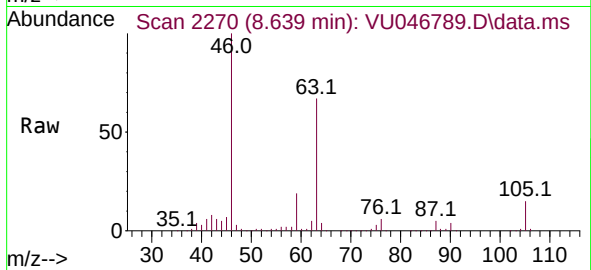
166 134.1 94.1 174.8



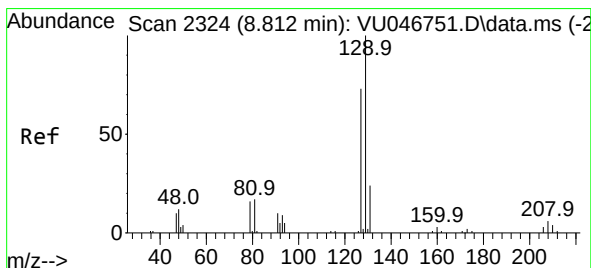
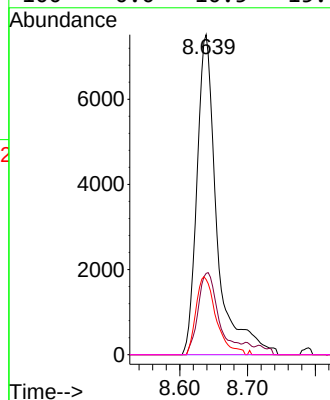
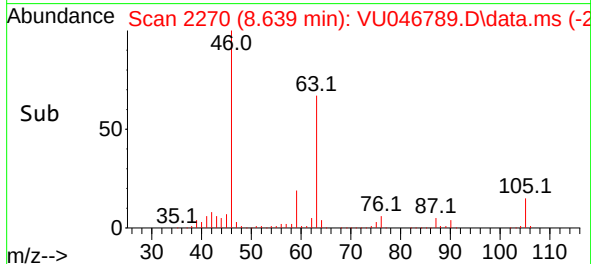


#48
2-Hexanone
Concen: 3.826 ug/L
RT: 8.639 min Scan# 21437
Delta R.T. -0.052 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

Instrument :
MSVOA_U
ClientSampleId :

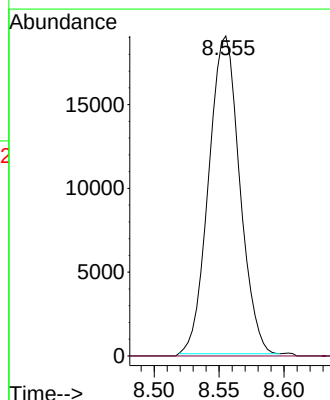
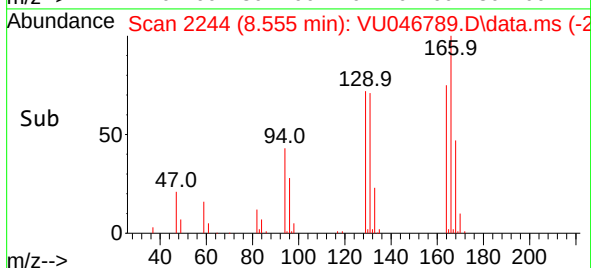
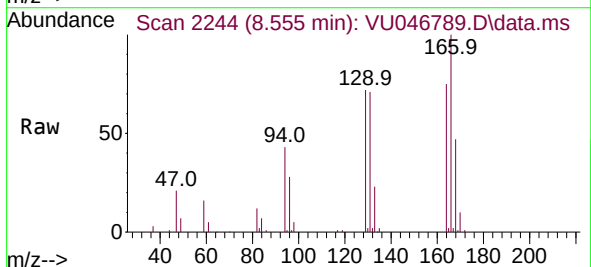


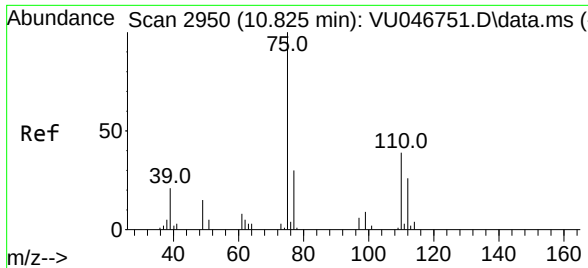
Tgt Ion: 43 Resp: 15437
Ion Ratio Lower Upper
43 100
58 26.4 46.7 70.1#
57 24.4 16.3 24.5
100 0.0 10.5 15.7#



#49
Dibromochloromethane
Concen: 4.298 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

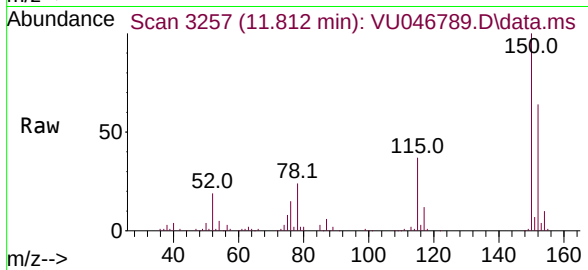
Tgt Ion: 129 Resp: 31451
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.337 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046789.D
 Acq: 18 Jan 2022 18:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7206
 Ion Ratio Lower Upper
 75 100
 110 1.6 29.9 44.9#
 77 32.5 25.5 38.3

