

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046928.D
 Acq On : 31 Jan 2022 19:30
 Operator : SY/MD
 Sample : N1273-18 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:29:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	104404	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116005	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	50549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52998	5.991	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 119.800%		
7) Chloroethane-d5	1.919	69	40736	5.844	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.800%		
11) 1,1-Dichloroethene-d2	2.568	65	20353	5.784	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 115.600%		
20) 2-Butanone-d5	4.655	46	133408	50.902	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.800%		
24) Chloroform-d	5.067	84	78135	5.031	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.600%		
26) 1,2-Dichloroethane-d4	5.703	65	43845	5.184	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
32) Benzene-d6	5.729	84	159432	4.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.600%		
36) 1,2-Dichloropropane-d6	6.694	67	50662	4.949	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.000%		
41) Toluene-d8	7.899	98	125169	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 80.200%		
43) trans-1,3-Dichloroprop...	8.182	79	18694	4.158	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 83.200%		
46) 2-Hexanone-d5	8.645	63	114918	43.171	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.340%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46237	4.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 90.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	44848	4.731	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 94.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	5459	0.648	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	546	0.090	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	39551	6.784	ug/L	92
15) Methyl Acetate	3.189	43	604	0.194	ug/L #	51
19) 1,1-Dichloroethane	3.874	63	5510	0.520	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	60735	9.118	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	17920	1.715	ug/L	97
31) Carbon tetrachloride	5.317	117	2189	0.244	ug/L	99
34) Trichloroethene	6.542	95	133466	18.821	ug/L	99
35) Methylcyclohexane	6.690	83	11762	0.990	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	5236	0.781	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1114	0.107	ug/L #	82
45) 1,1,2-Trichloroethane	8.555	97	1738	0.305	ug/L #	1
47) Tetrachloroethene	8.555	164	200442	34.755	ug/L	95
49) Dibromochloromethane	8.555	129	195800	29.120	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6068	1.417	ug/L #	65

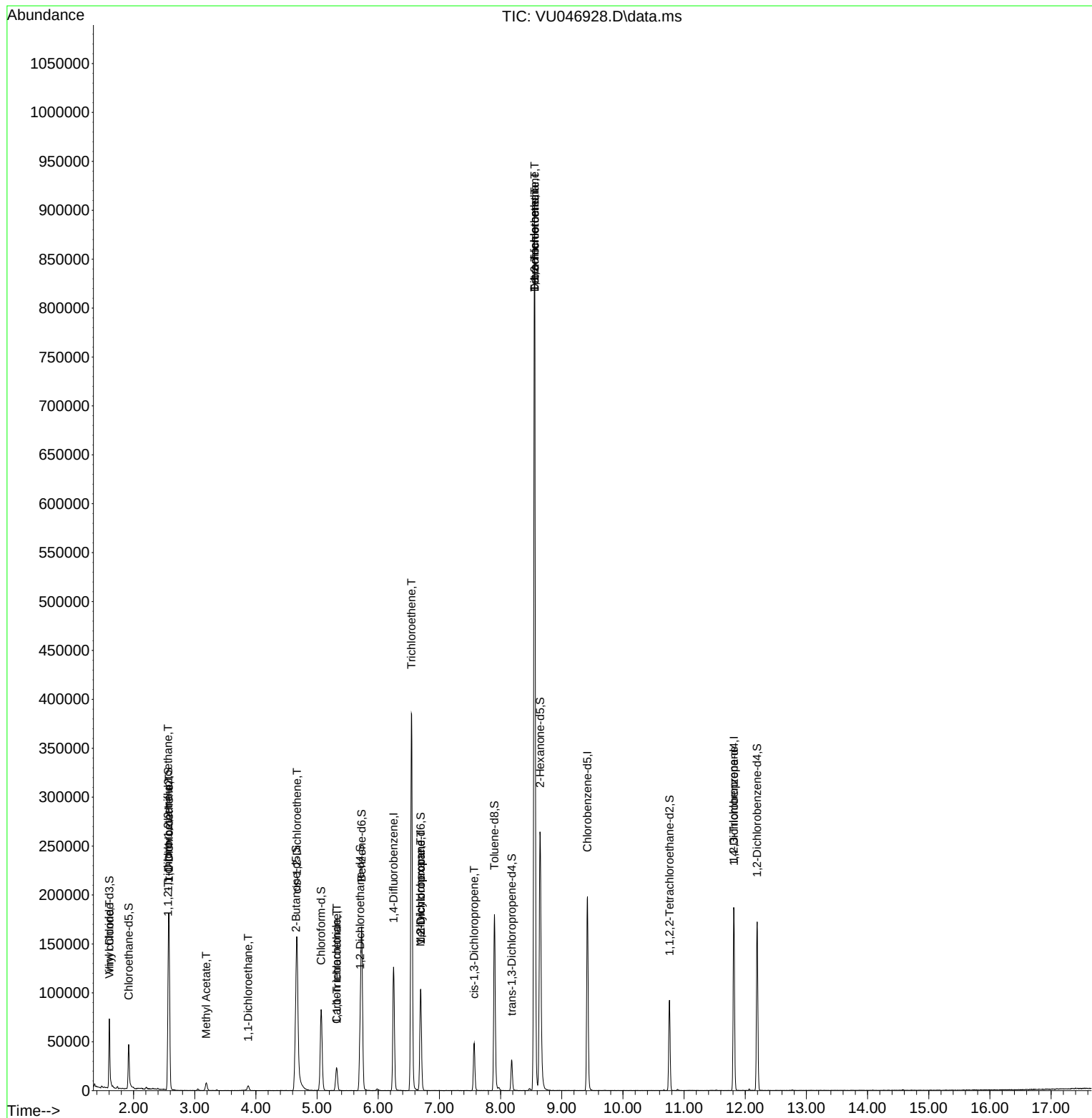
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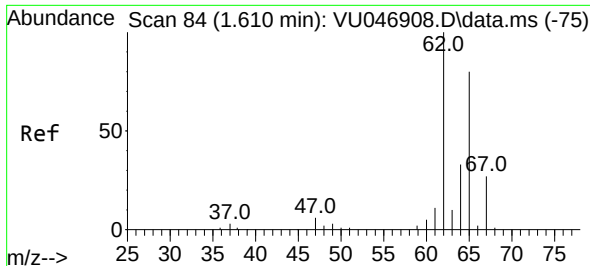
Instrument :
MSVOA_U
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

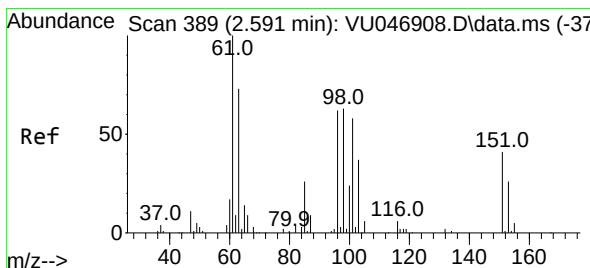
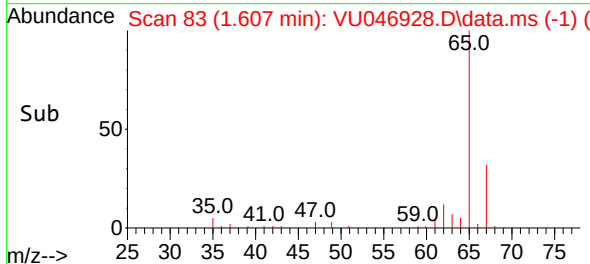
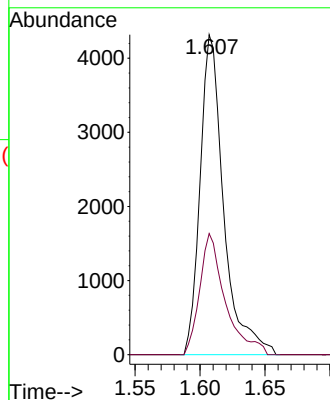
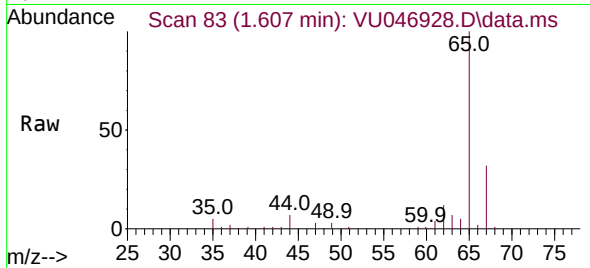




#5
 Vinyl chloride
 Concen: 0.648 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046928.D
 Acq: 31 Jan 2022 19:30

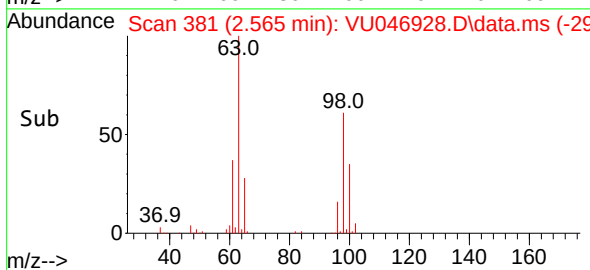
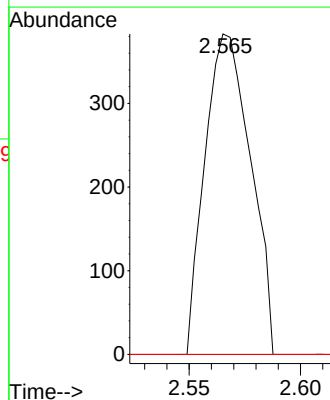
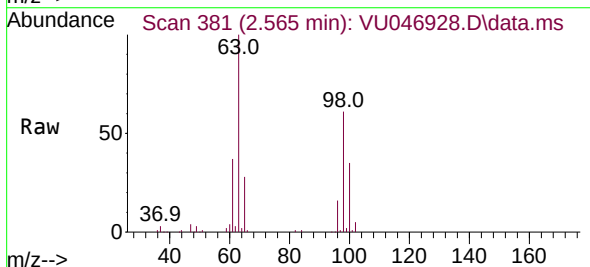
Instrument :
 MSVOA_U
 ClientSampleId :

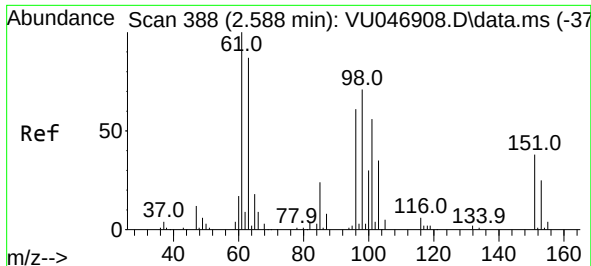
Tgt Ion: 62 Resp: 5459
 Ion Ratio Lower Upper
 62 100
 64 37.8 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.090 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.026 min
 Lab File: VU046928.D
 Acq: 31 Jan 2022 19:30

Tgt Ion: 101 Resp: 546
 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: 6.784 ug/L

RT: 2.581 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU046928.D

Acq: 31 Jan 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

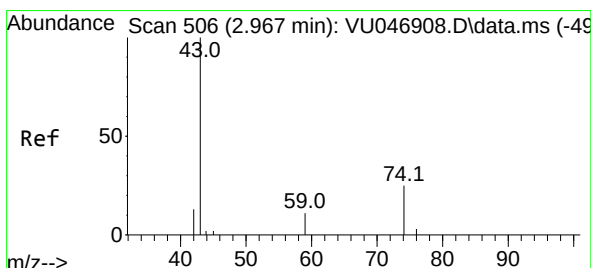
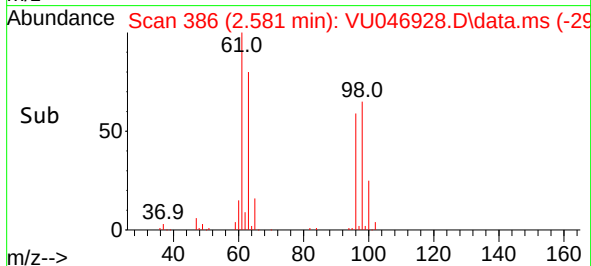
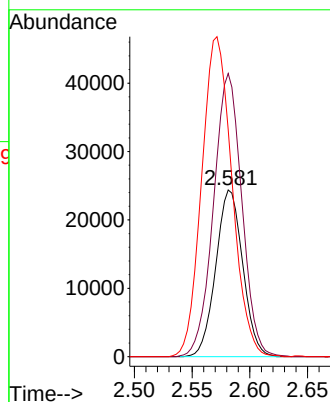
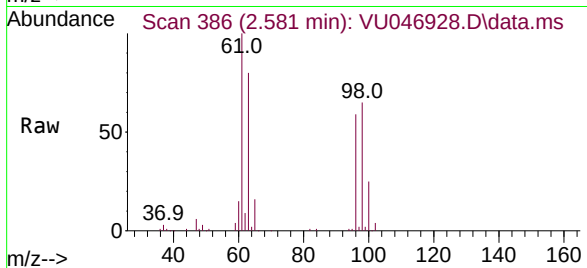
Tgt Ion: 96 Resp: 39551

Ion Ratio Lower Upper

96 100

61 169.9 124.7 231.5

63 136.2 105.2 195.4



#15

Methyl Acetate

Concen: 0.194 ug/L

RT: 3.189 min Scan# 575

Delta R.T. 0.222 min

Lab File: VU046928.D

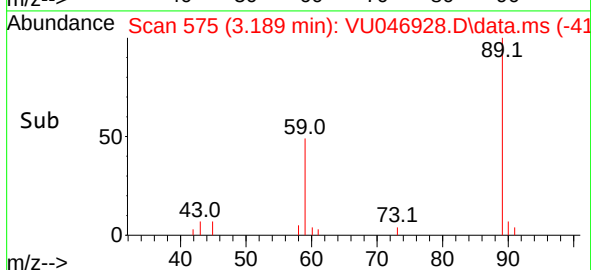
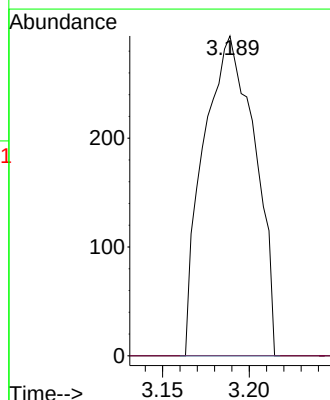
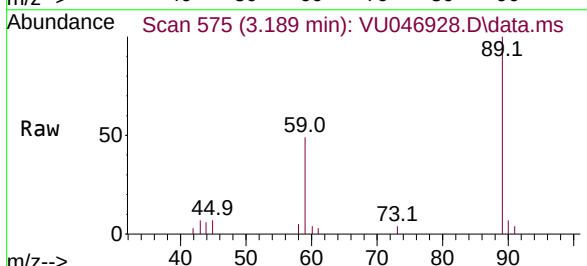
Acq: 31 Jan 2022 19:30

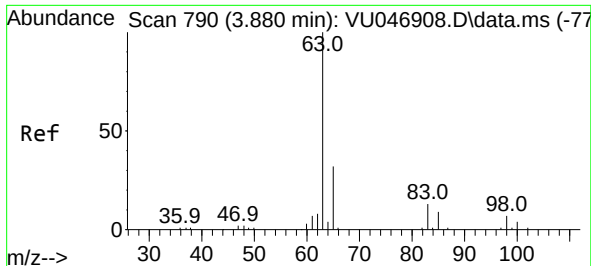
Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

74 0.0 19.1 28.7#





#19

1,1-Dichloroethane

Concen: 0.520 ug/L

RT: 3.874 min Scan# 790

Delta R.T. -0.006 min

Lab File: VU046928.D

Acq: 31 Jan 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

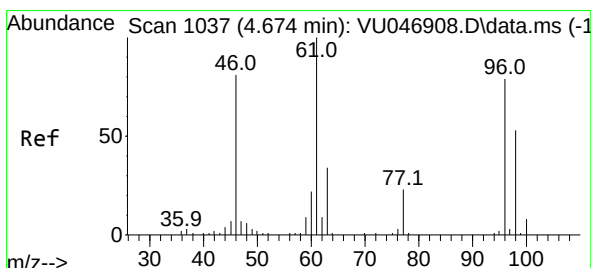
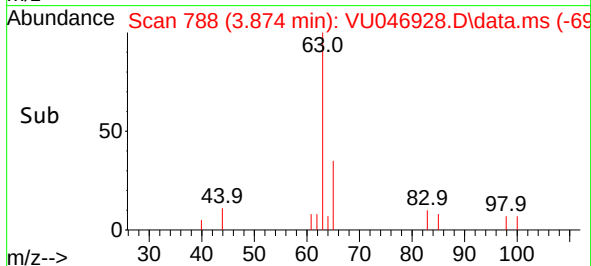
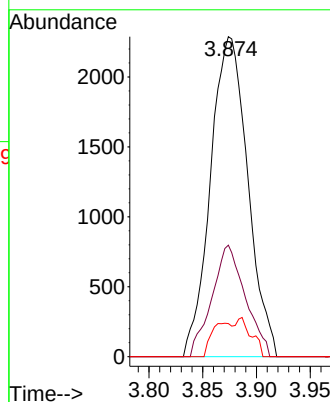
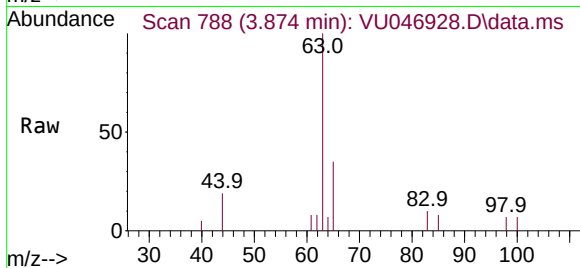
Tgt Ion: 63 Resp: 5510

Ion Ratio Lower Upper

63 100

65 34.8 22.3 41.5

83 10.3 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 9.118 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046928.D

Acq: 31 Jan 2022 19:30

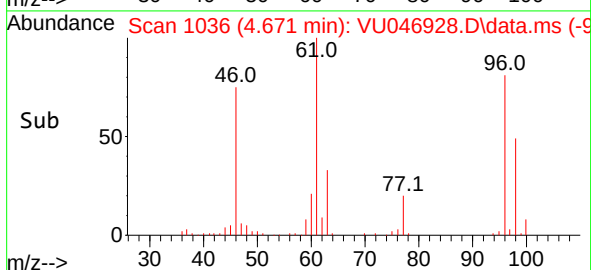
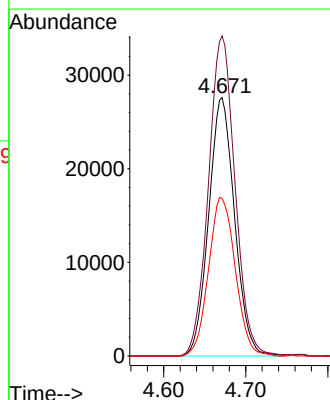
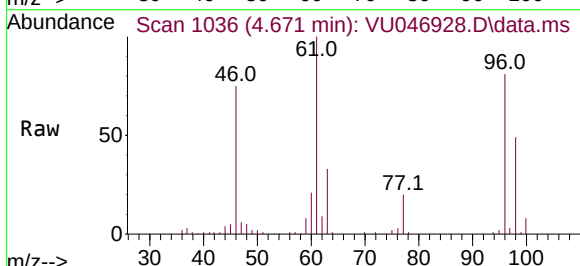
Tgt Ion: 96 Resp: 60735

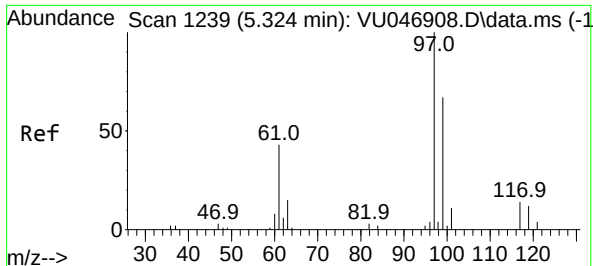
Ion Ratio Lower Upper

96 100

61 123.8 88.5 164.3

98 60.9 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 1.715 ug/L

RT: 5.321 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU046928.D

Acq: 31 Jan 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

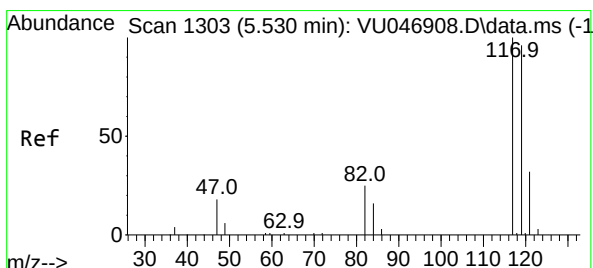
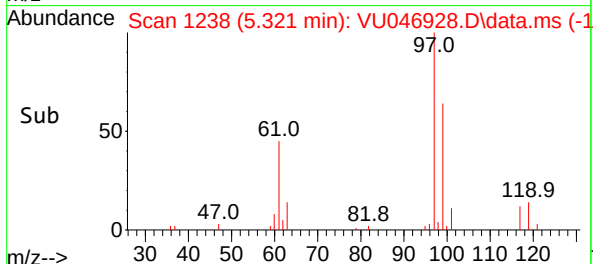
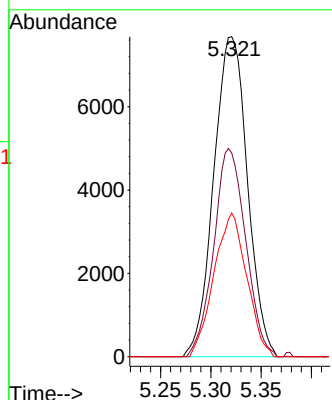
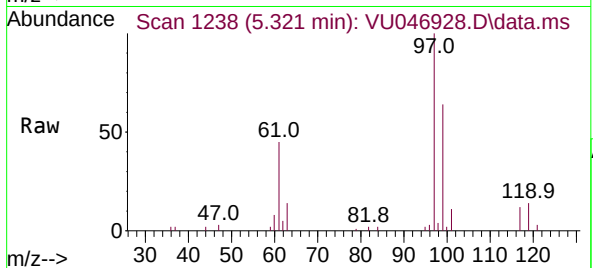
Tgt Ion: 97 Resp: 17920

Ion Ratio Lower Upper

97 100

99 61.8 51.3 76.9

61 43.6 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.244 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.212 min

Lab File: VU046928.D

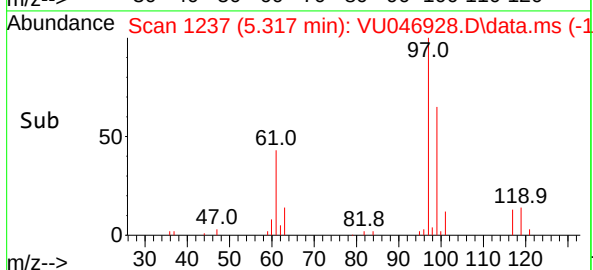
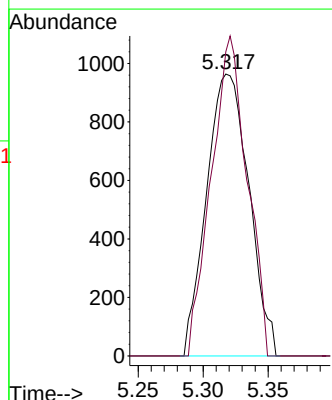
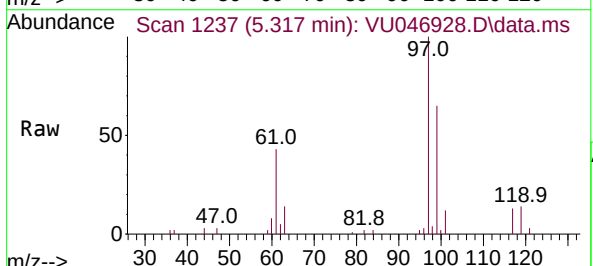
Acq: 31 Jan 2022 19:30

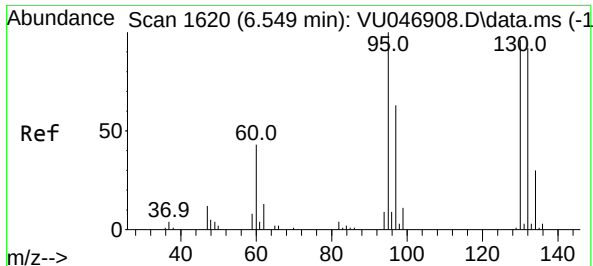
Tgt Ion: 117 Resp: 2189

Ion Ratio Lower Upper

117 100

119 95.8 77.5 116.3

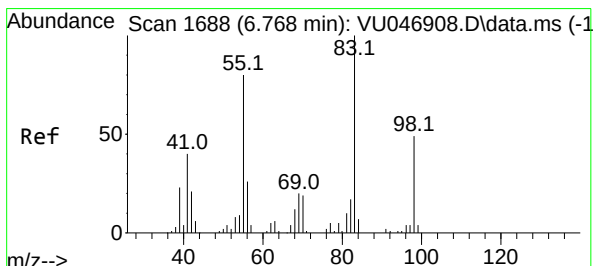
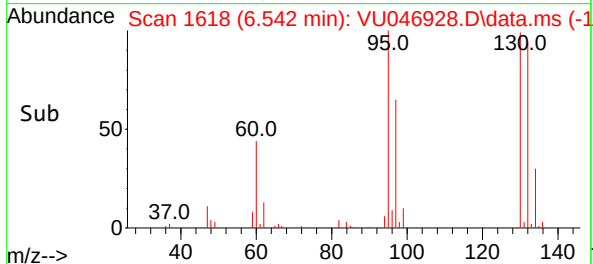
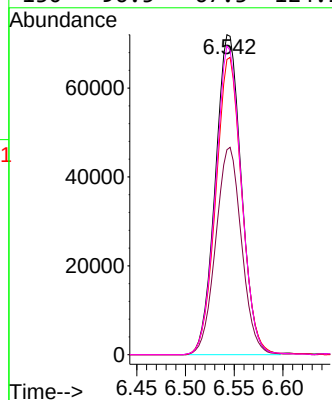
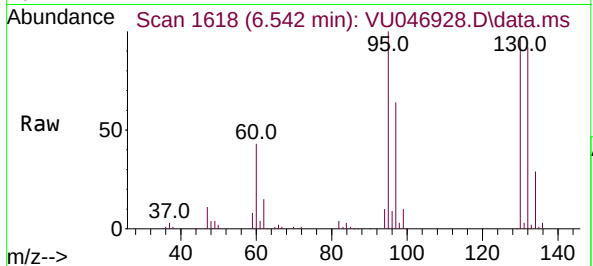




#34
Trichloroethene
Concen: 18.821 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VU046928.D
Acq: 31 Jan 2022 19:30

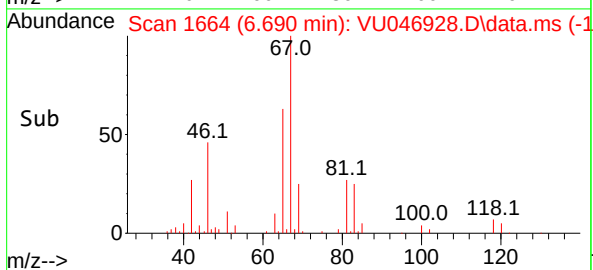
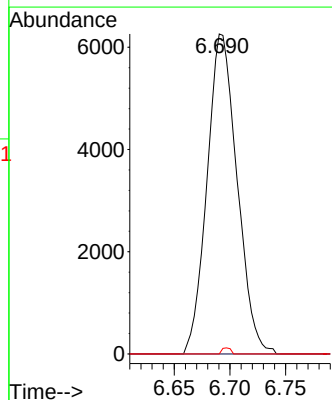
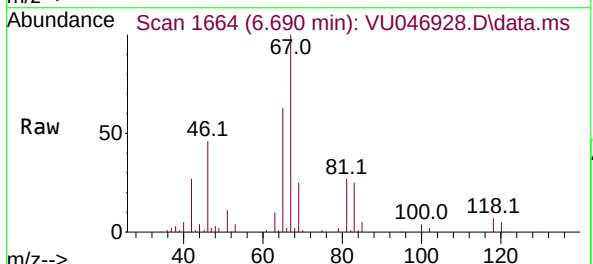
Instrument :
MSVOA_U
ClientSampleId :

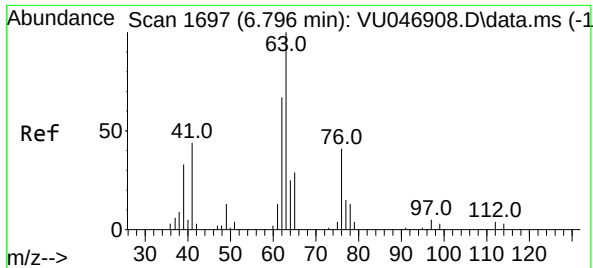
Tgt Ion: 95 Resp: 133466
Ion Ratio Lower Upper
95 100
97 64.0 46.5 86.5
132 92.2 65.1 120.9
130 96.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046928.D
Acq: 31 Jan 2022 19:30

Tgt Ion: 83 Resp: 11762
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.781 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046928.D

Acq: 31 Jan 2022 19:30

Instrument :

MSVOA_U

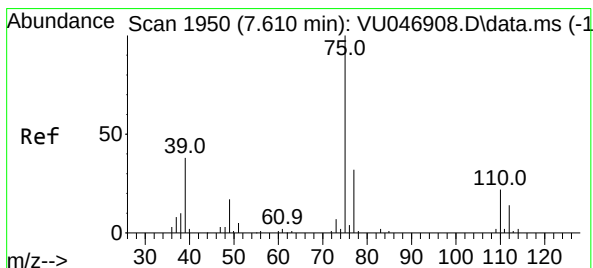
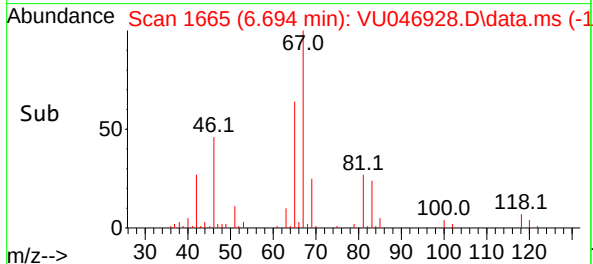
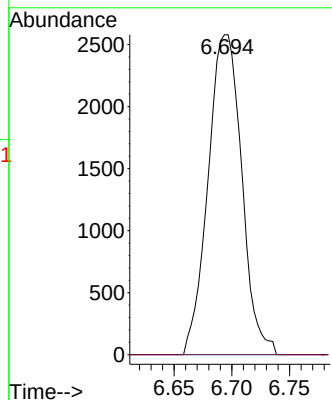
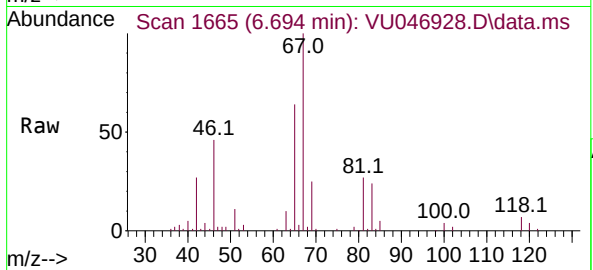
ClientSampleId :

Tgt Ion: 63 Resp: 5236

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046928.D

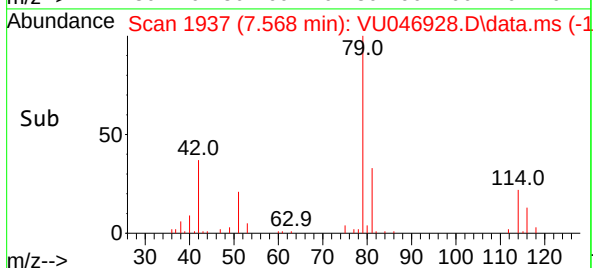
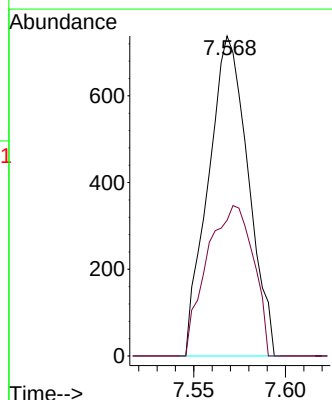
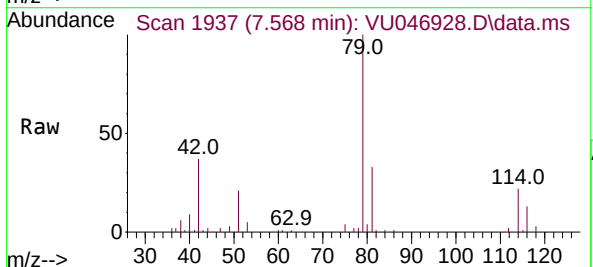
Acq: 31 Jan 2022 19:30

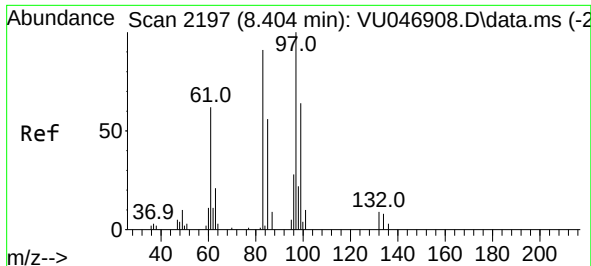
Tgt Ion: 75 Resp: 1114

Ion Ratio Lower Upper

75 100

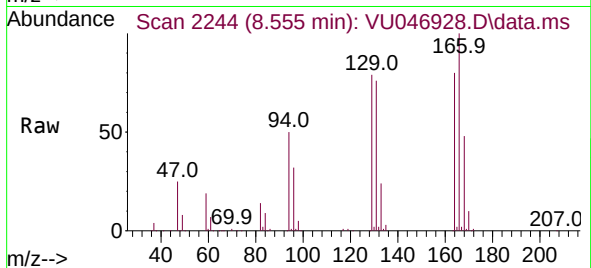
77 42.4 22.5 41.9#



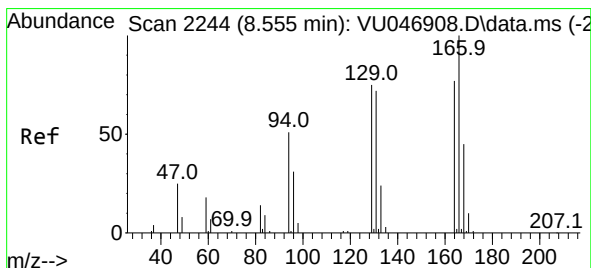
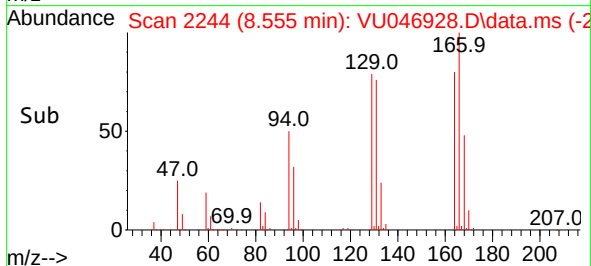
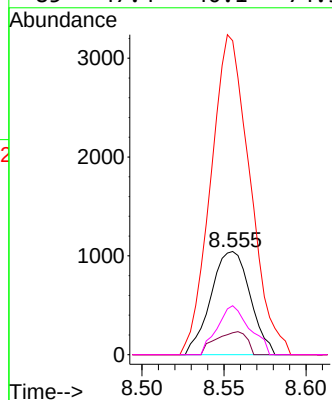


#45
1,1,2-Trichloroethane
Concen: 0.305 ug/L
RT: 8.555 min Scan# 2197
Delta R.T. 0.151 min
Lab File: VU046928.D
Acq: 31 Jan 2022 19:30

Instrument :
MSVOA_U
ClientSampleId :

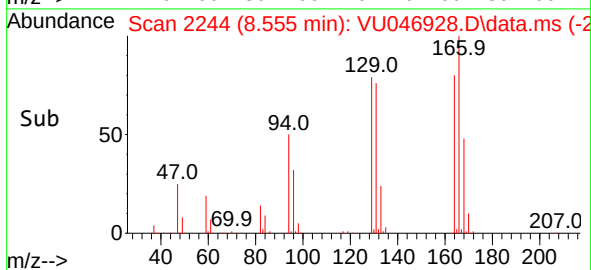
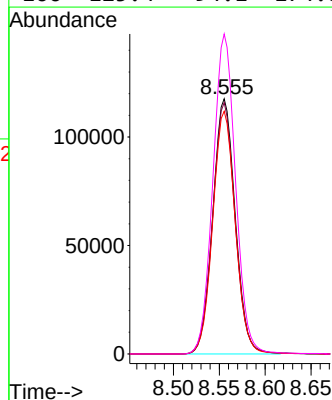
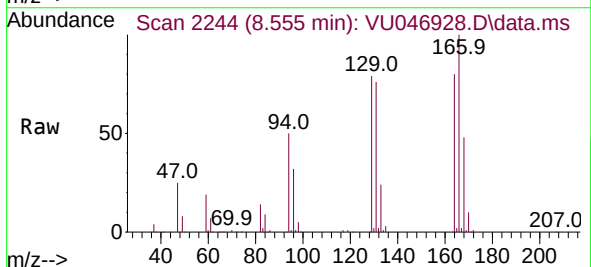


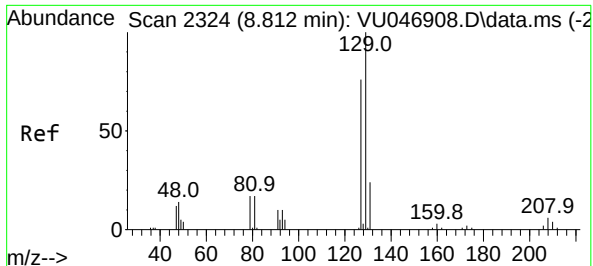
Tgt Ion: 97	Resp: 1738
Ion Ratio	Lower Upper
97 100	
99 21.3	42.3 78.5#
83 304.3	62.0 115.2#
85 47.4	40.1 74.5



#47
Tetrachloroethene
Concen: 34.755 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046928.D
Acq: 31 Jan 2022 19:30

Tgt	Ion:164	Resp:	200442
Ion	Ratio	Lower	Upper
164	100		
129	98.5	71.8	133.4
131	95.1	68.5	127.3
166	125.4	94.1	174.8

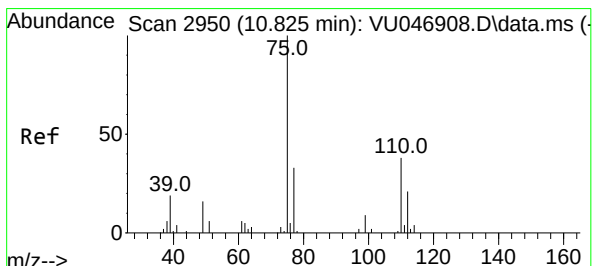
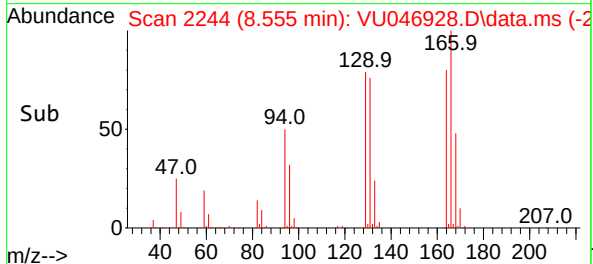
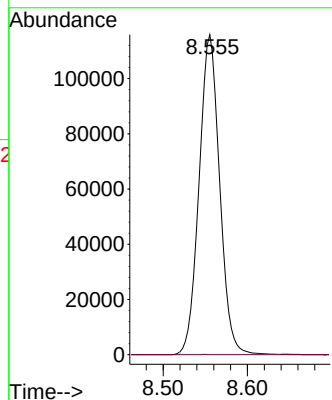
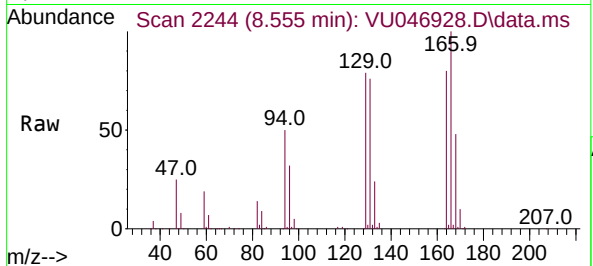




#49
 Dibromochloromethane
 Concen: 29.120 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU046928.D
 Acq: 31 Jan 2022 19:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:129 Resp: 195800
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



#61
 1,2,3-Trichloropropane
 Concen: 1.417 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046928.D
 Acq: 31 Jan 2022 19:30

Tgt Ion: 75 Resp: 6068
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 33.8 25.5 38.3

