

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045859.D
 Acq On : 18 Nov 2021 11:07
 Operator : SY/MD
 Sample : M4686-06DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

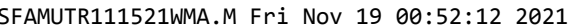
Quant Time: Nov 19 00:52:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

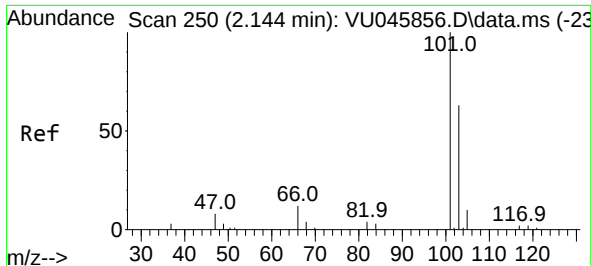
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93673	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38477	5.184	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.600%		
7) Chloroethane-d5	1.919	69	28646	5.302	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.000%		
11) 1,1-Dichloroethene-d2	2.572	65	15708	5.046	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.000%		
20) 2-Butanone-d5	4.642	46	103593	52.086	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.180%		
24) Chloroform-d	5.067	84	61380	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.200%		
26) 1,2-Dichloroethane-d4	5.707	65	35999	4.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.200%		
32) Benzene-d6	5.732	84	124905	4.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 92.200%		
36) 1,2-Dichloropropane-d6	6.694	67	40354	4.721	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 94.400%		
41) Toluene-d8	7.903	98	106386	4.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.800%		
43) trans-1,3-Dichloroprop...	8.179	79	15500	4.467	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.400%		
46) 2-Hexanone-d5	8.636	63	69036	44.202	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 88.400%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33643	4.659	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 93.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	42135	5.522	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.400%		
Target Compounds					Qvalue	
9) Trichlorofluoromethane	2.144	101	3171	0.303	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	530	0.086	ug/L #	21
22) cis-1,2-Dichloroethene	4.671	96	1473	0.219	ug/L	93
31) Carbon tetrachloride	5.530	117	907	0.101	ug/L	92
34) Trichloroethene	6.546	95	65213	9.207	ug/L	97
35) Methylcyclohexane	6.694	83	9377	0.862	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4285	0.592	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	963	0.094	ug/L #	82
47) Tetrachloroethene	8.555	164	6811	1.374	ug/L	95
49) Dibromochloromethane	8.555	129	6719	1.099	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5774	1.252	ug/L #	67

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

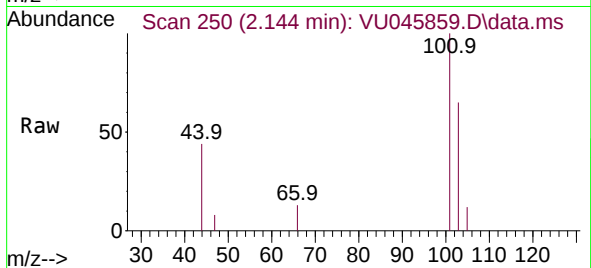
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 00:50:55 2021
Response via : Initial Calibration



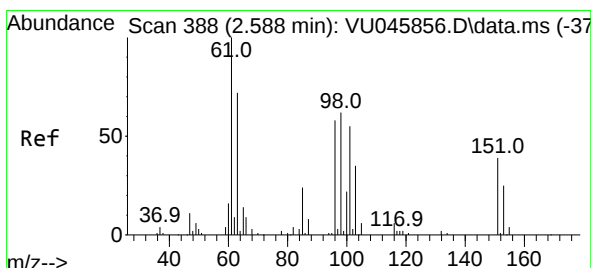
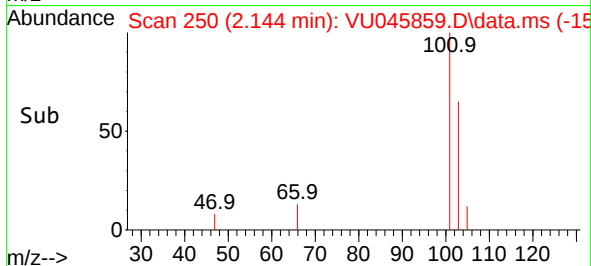
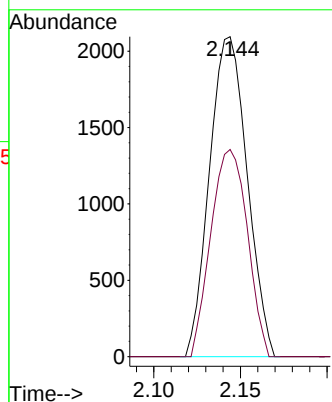


#9
 Trichlorofluoromethane
 Concen: 0.303 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045859.D
 Acq: 18 Nov 2021 11:07

Instrument :
 MSVOA_U
 ClientSampleId :

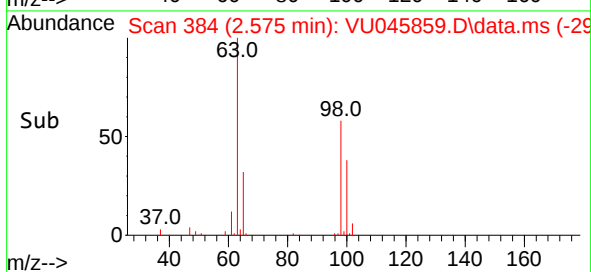
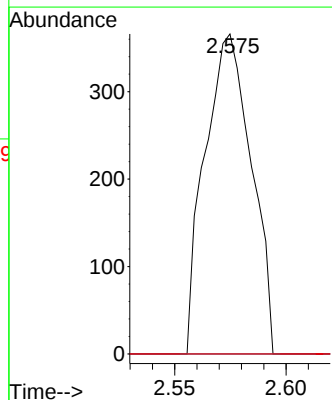
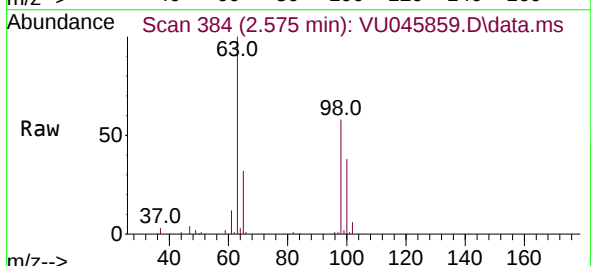


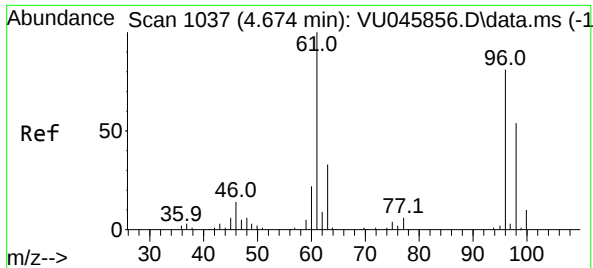
Tgt Ion:101 Resp: 3171
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.086 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU045859.D
 Acq: 18 Nov 2021 11:07

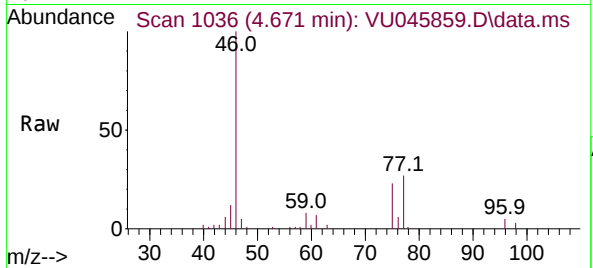
Tgt Ion:101 Resp: 530
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





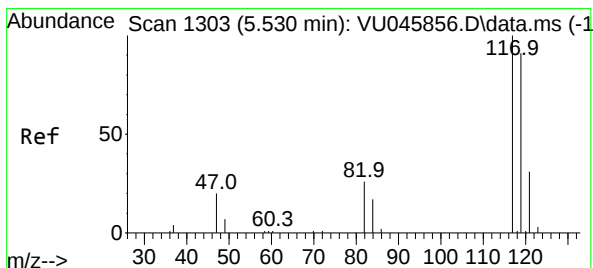
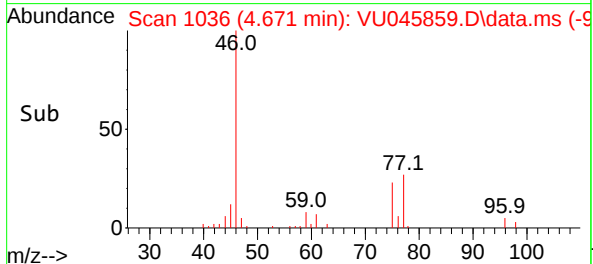
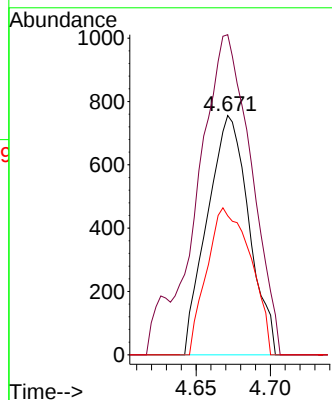
#22
 cis-1,2-Dichloroethene
 Concen: 0.219 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045859.D
 Acq: 18 Nov 2021 11:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 1473

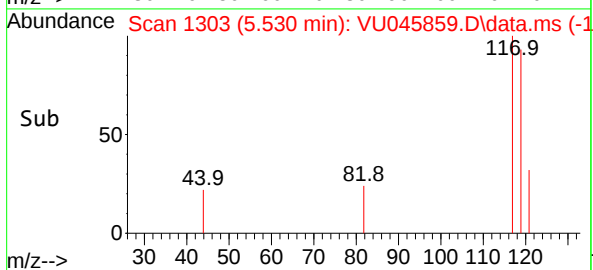
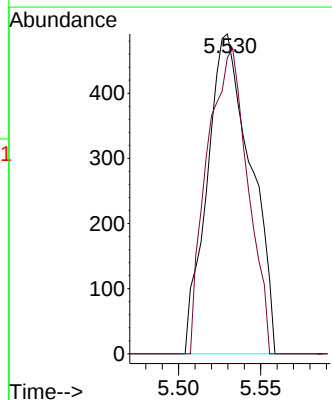
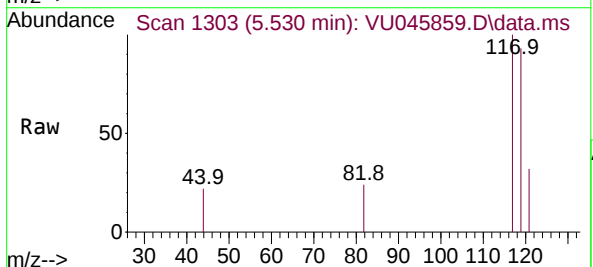
Ion	Ratio	Lower	Upper
96	100		
61	133.7	88.5	164.3
98	58.1	44.4	82.5

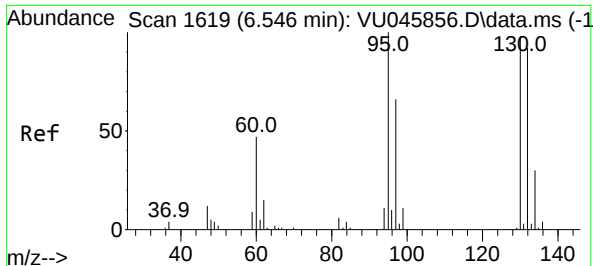


#31
 Carbon tetrachloride
 Concen: 0.101 ug/L
 RT: 5.530 min Scan# 1303
 Delta R.T. 0.000 min
 Lab File: VU045859.D
 Acq: 18 Nov 2021 11:07

Tgt Ion: 117 Resp: 907

Ion	Ratio	Lower	Upper
117	100		
119	88.6	77.5	116.3

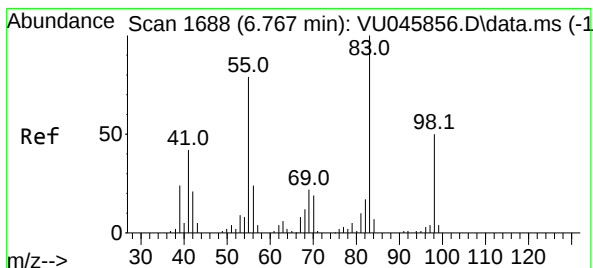
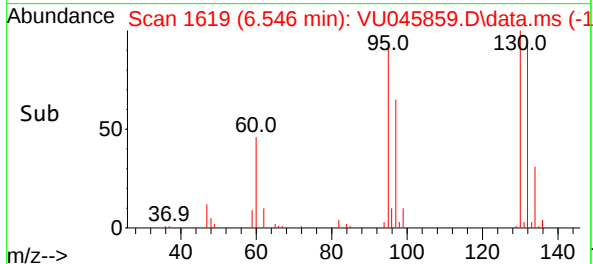
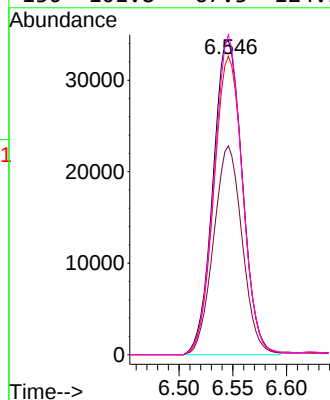
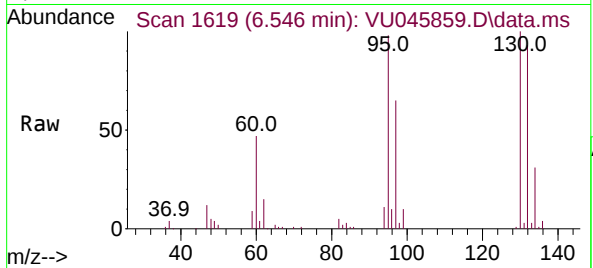




#34
Trichloroethene
Concen: 9.207 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045859.D
Acq: 18 Nov 2021 11:07

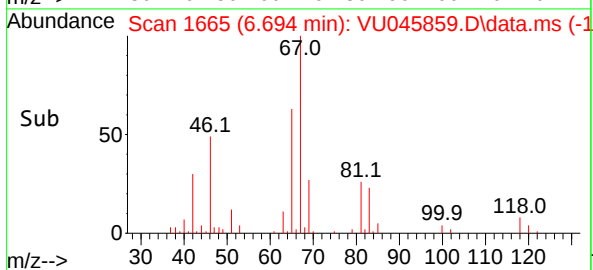
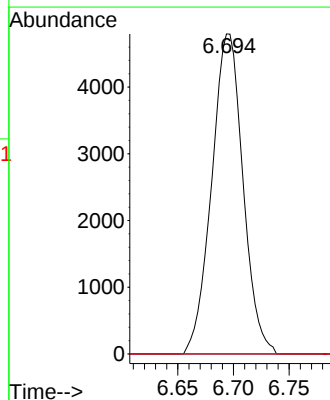
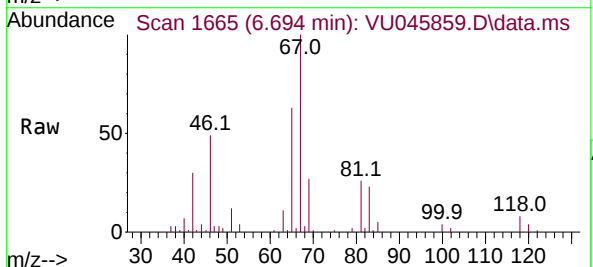
Instrument :
MSVOA_U
ClientSampleId :

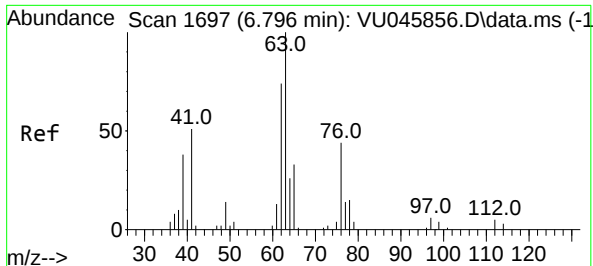
Tgt Ion: 95 Resp: 65213
Ion Ratio Lower Upper
95 100
97 66.4 46.5 86.5
132 94.9 65.1 120.9
130 101.8 67.3 124.9



#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045859.D
Acq: 18 Nov 2021 11:07

Tgt Ion: 83 Resp: 9377
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: 0.592 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045859.D

Acq: 18 Nov 2021 11:07

Instrument :

MSVOA_U

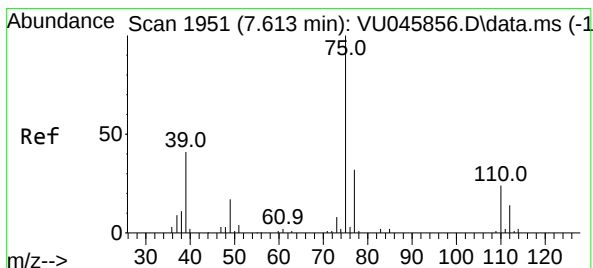
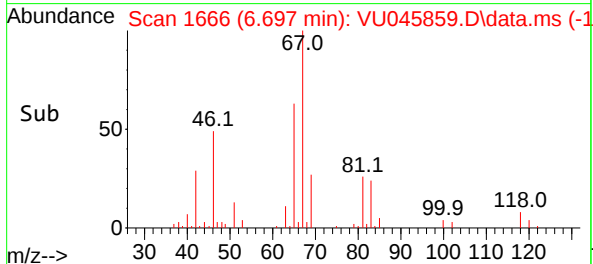
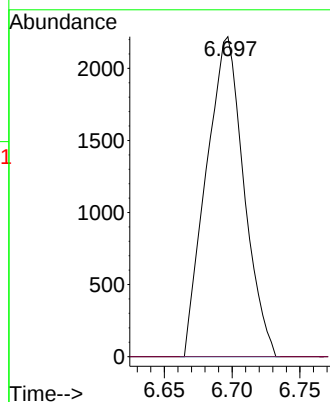
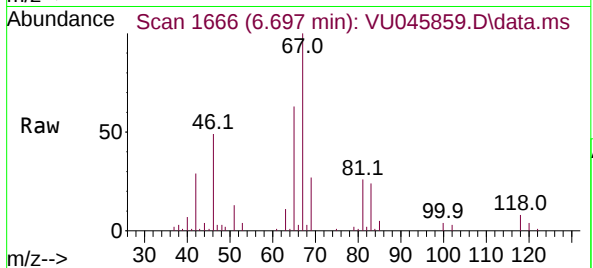
ClientSampleId :

Tgt Ion: 63 Resp: 4285

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.048 min

Lab File: VU045859.D

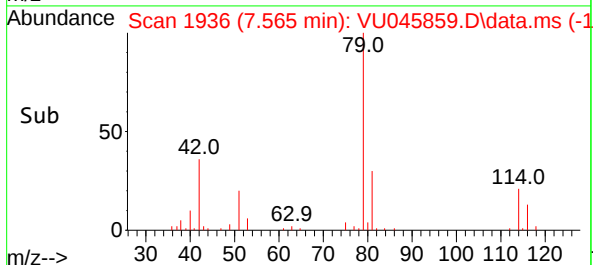
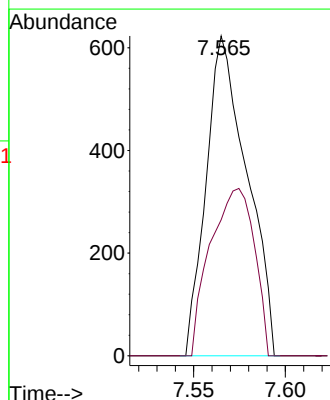
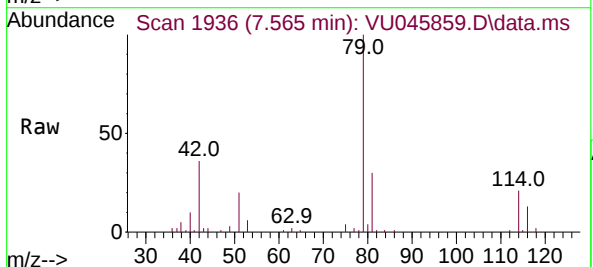
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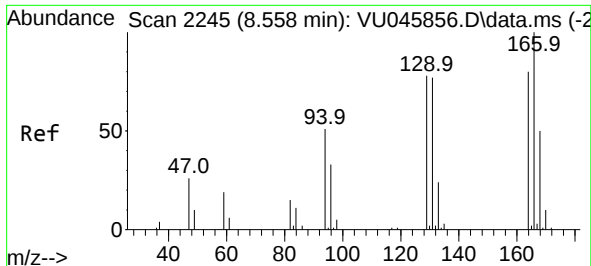
Tgt Ion: 75 Resp: 963

Ion Ratio Lower Upper

75 100

77 42.5 22.5 41.9#





#47

Tetrachloroethene

Concen: 1.374 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU045859.D

Acq: 18 Nov 2021 11:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 6811

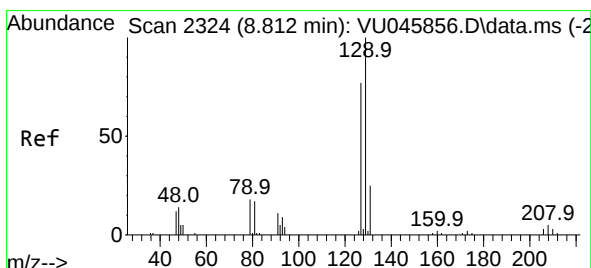
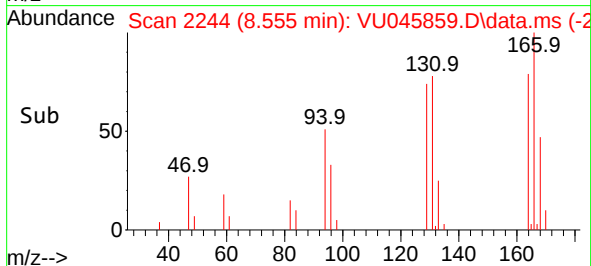
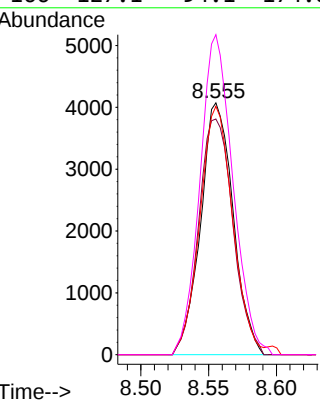
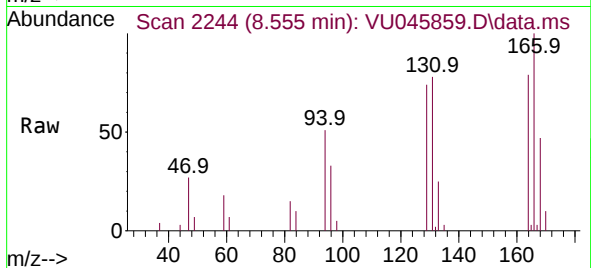
Ion Ratio Lower Upper

164 100

129 93.6 71.8 133.4

131 98.6 68.5 127.3

166 127.1 94.1 174.8



#49

Dibromochloromethane

Concen: 1.099 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045859.D

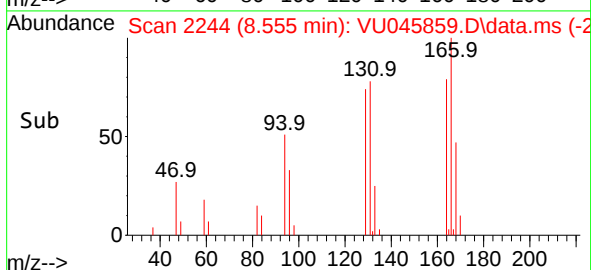
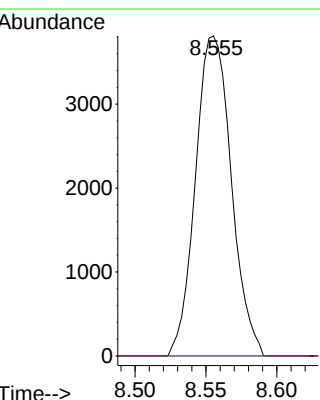
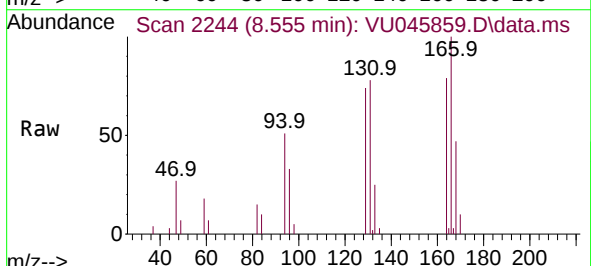
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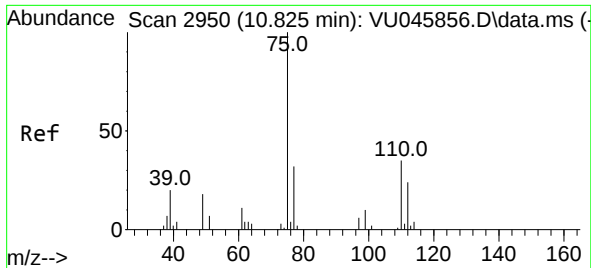
Tgt Ion:129 Resp: 6719

Ion Ratio Lower Upper

129 100

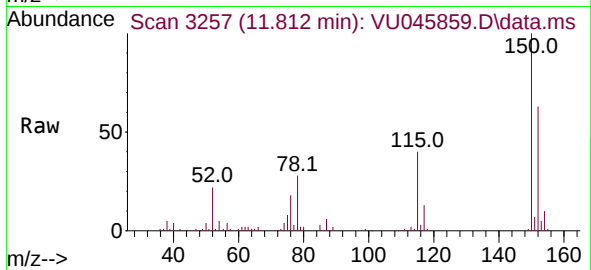
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.252 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045859.D
 Acq: 18 Nov 2021 11:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5774
 Ion Ratio Lower Upper
 75 100
 110 1.1 29.9 44.9#
 77 31.0 25.5 38.3

