

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045976.D
 Acq On : 23 Nov 2021 23:47
 Operator : SY/MD
 Sample : M4722-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 02:09:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 01:57:54 2021
 Response via : Initial Calibration

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

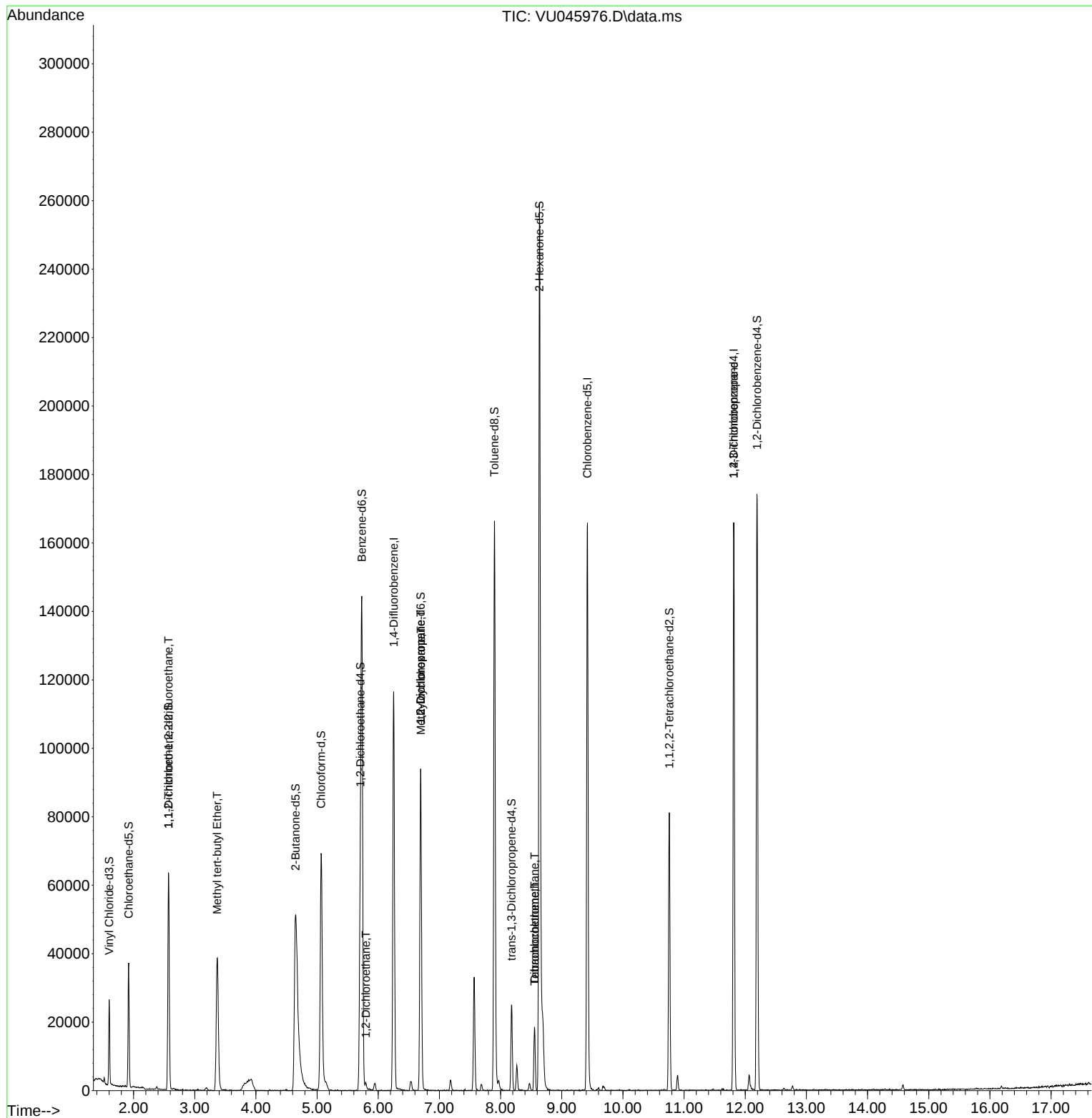
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95788	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17192	2.265	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	45.400%	
7) Chloroethane-d5	1.919	69	26228	4.747	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.572	65	12135	3.812	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	4.649	46	127985	62.929	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.860%	
24) Chloroform-d	5.067	84	64303	5.086	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	5.707	65	40336	5.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.800%	
32) Benzene-d6	5.732	84	136348	5.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
36) 1,2-Dichloropropane-d6	6.694	67	44039	5.311	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.200%	
41) Toluene-d8	7.899	98	114454	4.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	8.179	79	12609	3.746	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.000%	
46) 2-Hexanone-d5	8.636	63	97507	64.356	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	128.720%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39738	5.672	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	44758	5.960	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	264	0.042	ug/L #	21
17) Methyl tert-butyl Ether	3.366	73	47593	3.083	ug/L	99
27) 1,2-Dichloroethane	5.797	62	1408	0.171	ug/L #	73
35) Methylcyclohexane	6.697	83	10419	0.987	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4768	0.680	ug/L #	88
47) Tetrachloroethene	8.558	164	3954	0.822	ug/L	90
49) Dibromochloromethane	8.555	129	4005	0.675	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5527	1.217	ug/L #	65

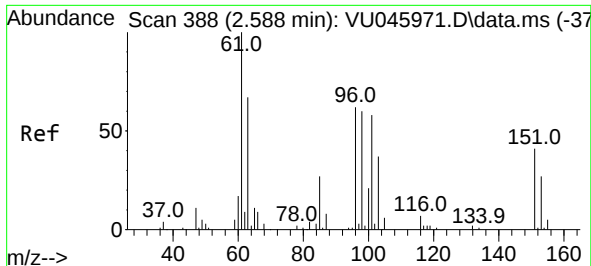
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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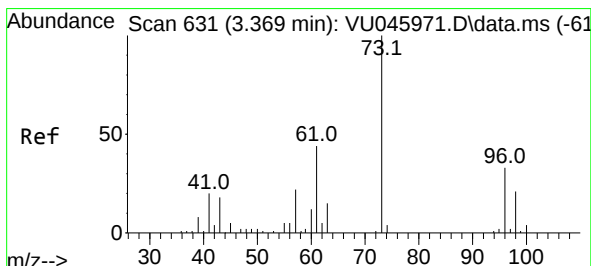
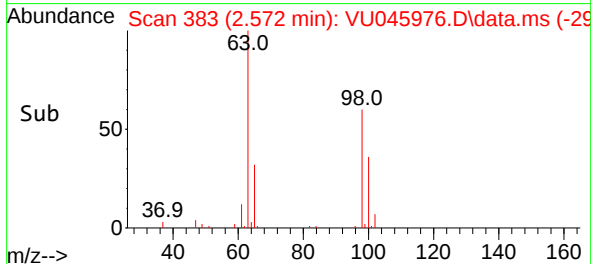
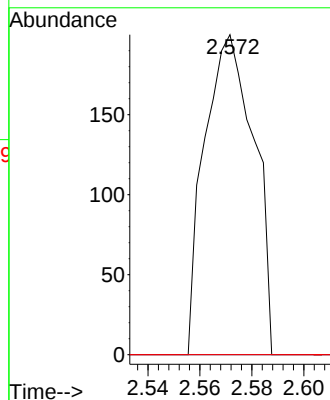
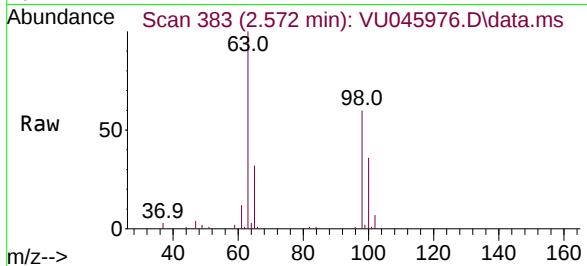




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.042 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU045976.D
Acq: 23 Nov 2021 23:47

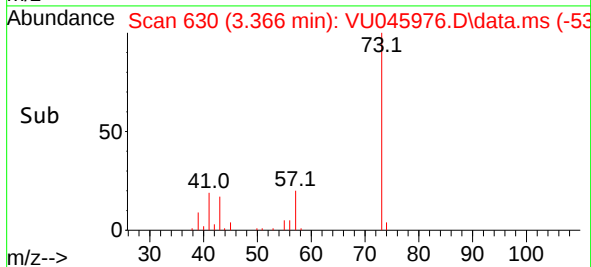
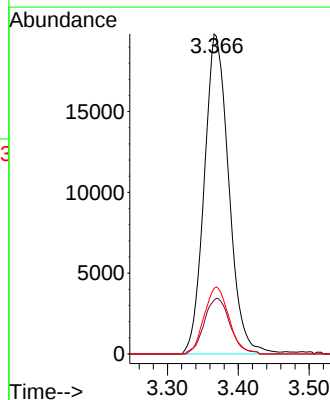
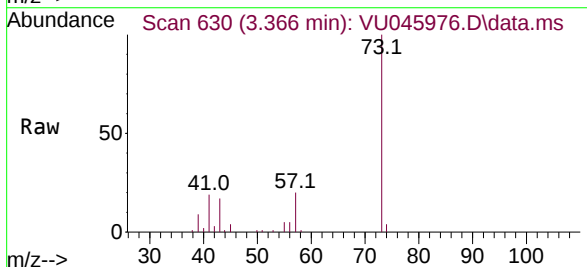
Instrument :
MSVOA_U
ClientSampleId :

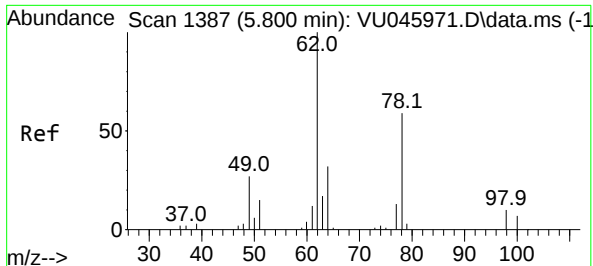
Tgt Ion:101 Resp: 264
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#17
Methyl tert-butyl Ether
Concen: 3.083 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU045976.D
Acq: 23 Nov 2021 23:47

Tgt Ion: 73 Resp: 47593
Ion Ratio Lower Upper
73 100
43 18.3 14.8 22.2
57 21.1 17.4 26.0





#27

1,2-Dichloroethane

Concen: 0.171 ug/L

RT: 5.797 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045976.D

Acq: 23 Nov 2021 23:47

Instrument :

MSVOA_U

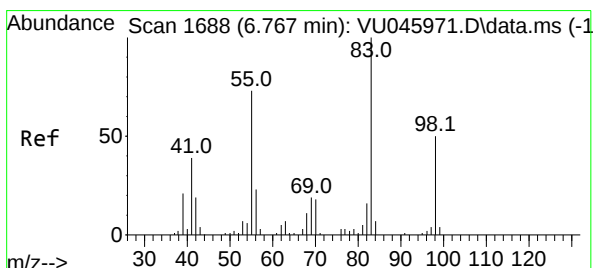
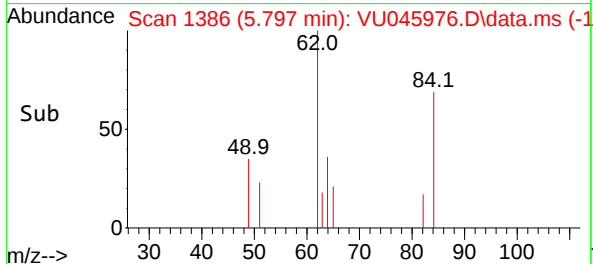
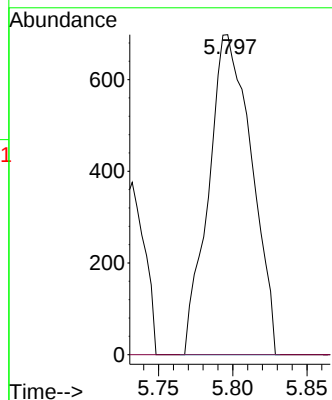
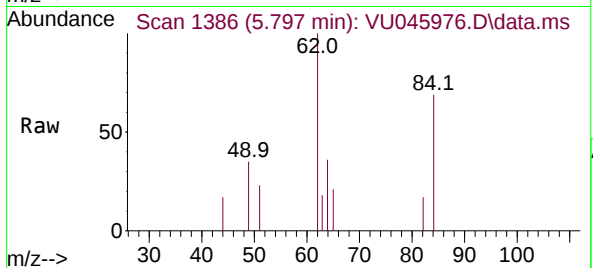
ClientSampleId :

Tgt Ion: 62 Resp: 1408

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#35

Methylcyclohexane

Concen: 0.987 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU045976.D

Acq: 23 Nov 2021 23:47

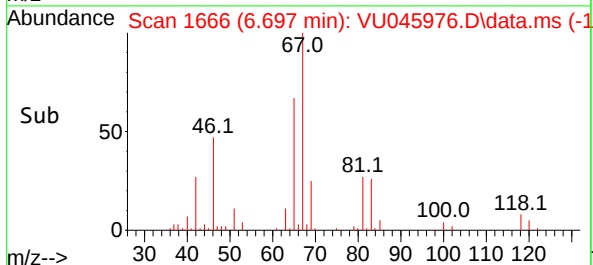
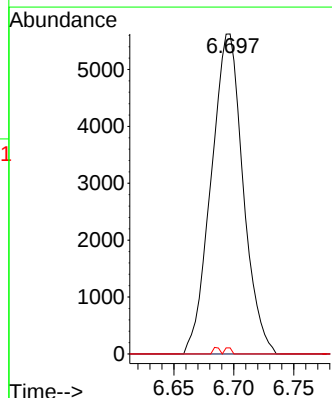
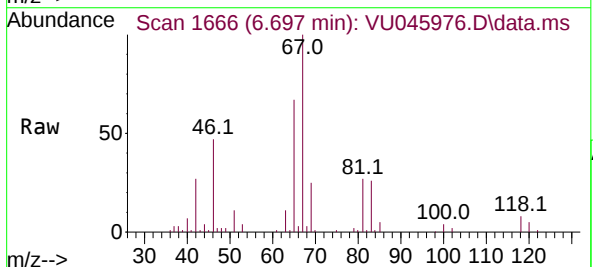
Tgt Ion: 83 Resp: 10419

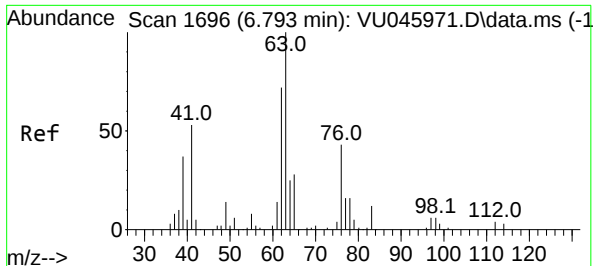
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.4 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.680 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045976.D

Acq: 23 Nov 2021 23:47

Instrument :

MSVOA_U

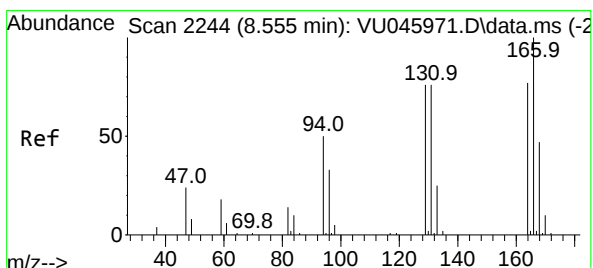
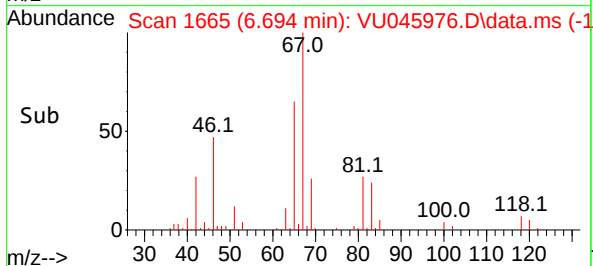
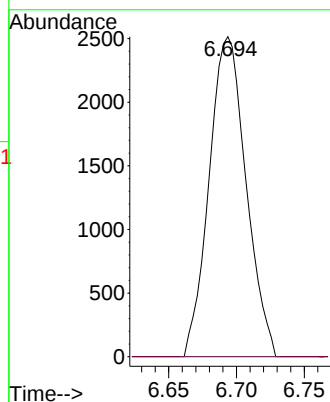
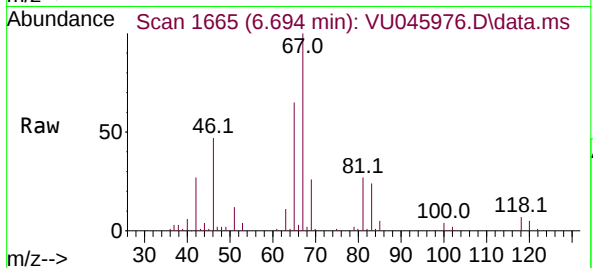
ClientSampleId :

Tgt Ion: 63 Resp: 4768

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.822 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU045976.D

Acq: 23 Nov 2021 23:47

Tgt Ion: 164 Resp: 3954

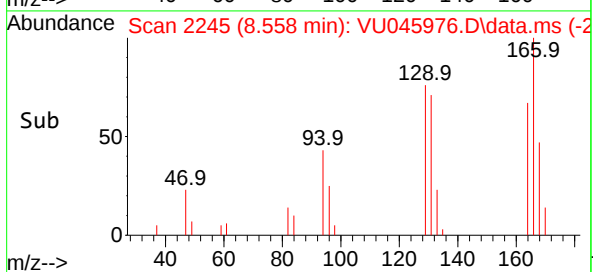
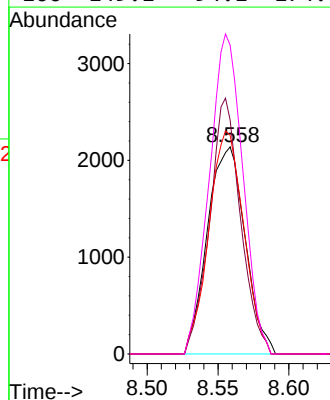
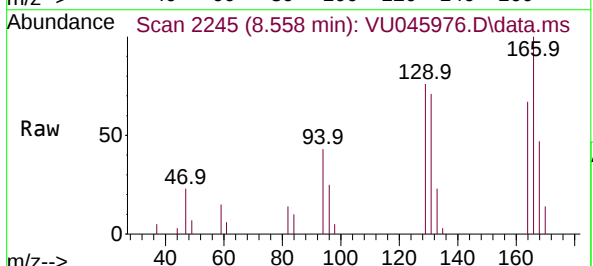
Ion Ratio Lower Upper

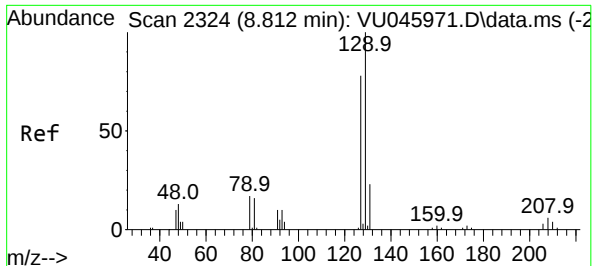
164 100

129 112.9 71.8 133.4

131 105.7 68.5 127.3

166 149.1 94.1 174.8





#49

Dibromochloromethane

Concen: 0.675 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045976.D

Acq: 23 Nov 2021 23:47

Instrument :

MSVOA_U

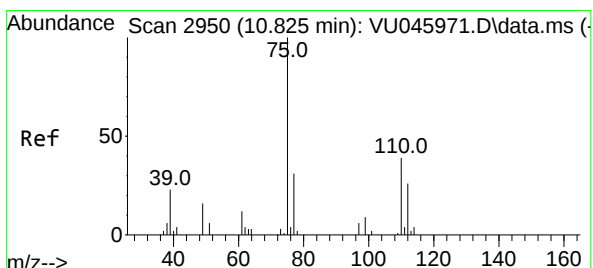
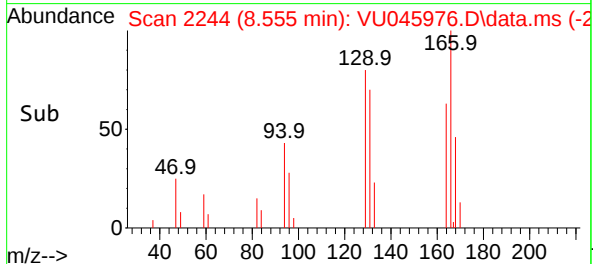
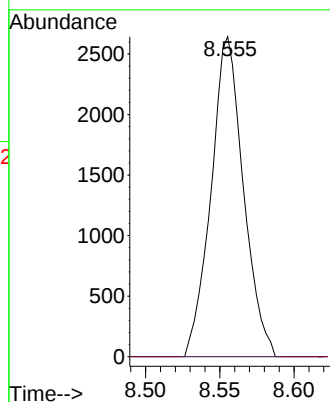
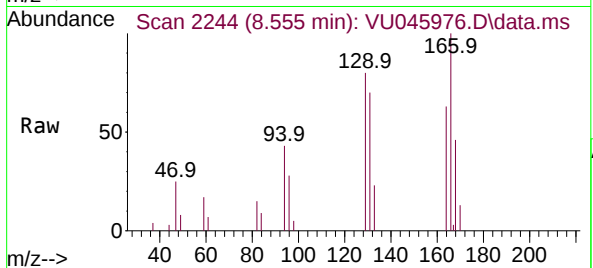
ClientSampleId :

Tgt Ion:129 Resp: 4005

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.217 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045976.D

Acq: 23 Nov 2021 23:47

Tgt Ion: 75 Resp: 5527

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 33.4 25.5 38.3

