

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045978.D
 Acq On : 24 Nov 2021 00:34
 Operator : SY/MD
 Sample : M4722-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 02:09:44 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

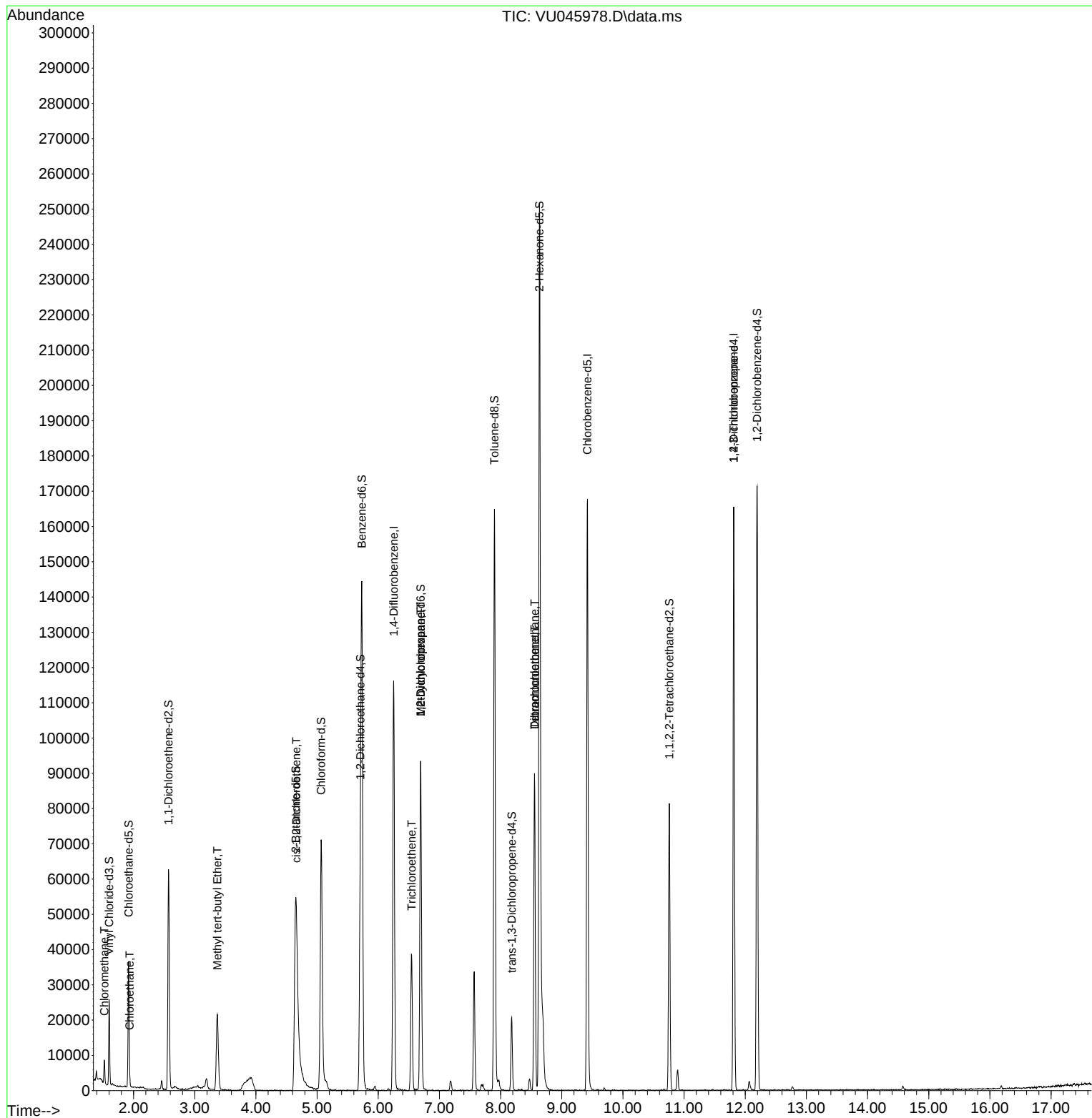
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96563	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16847	2.202	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	44.000%	
7) Chloroethane-d5	1.919	69	25651	4.606	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.572	65	12063	3.759	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	4.652	46	126034	61.473	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.940%	
24) Chloroform-d	5.067	84	65472	5.137	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
26) 1,2-Dichloroethane-d4	5.707	65	39571	5.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
32) Benzene-d6	5.732	84	135711	5.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.694	67	44107	5.275	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.600%	
41) Toluene-d8	7.899	98	113273	4.720	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	8.182	79	12432	3.663	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.200%	
46) 2-Hexanone-d5	8.636	63	96348	63.068	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	126.140%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40434	5.724	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	45025	6.088	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.800%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	4605	0.553	ug/L	95
8) Chloroethane	1.938	64	623	0.131	ug/L	95
17) Methyl tert-butyl Ether	3.369	73	25343	1.629	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	584	0.084	ug/L #	70
34) Trichloroethene	6.546	95	12776	1.844	ug/L	95
35) Methylcyclohexane	6.694	83	10309	0.969	ug/L #	23
37) 1,2-Dichloropropane	6.694	63	4880	0.690	ug/L #	88
47) Tetrachloroethene	8.555	164	20473	4.221	ug/L	92
49) Dibromochloromethane	8.555	129	19679	3.290	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5408	1.209	ug/L #	67

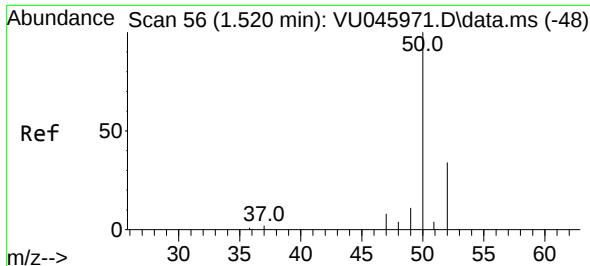
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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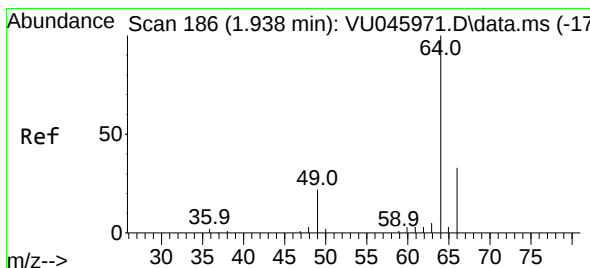
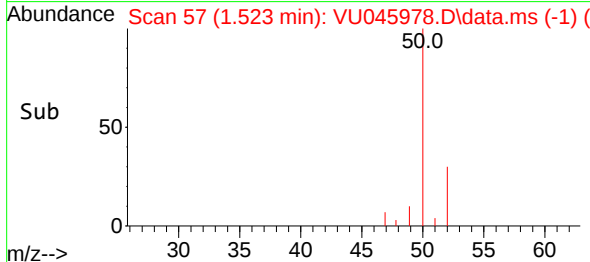
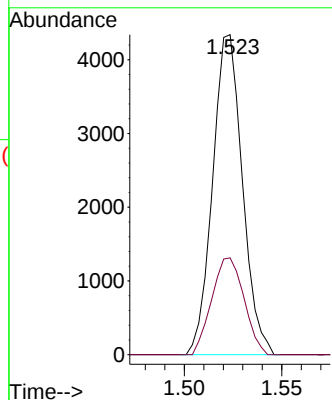
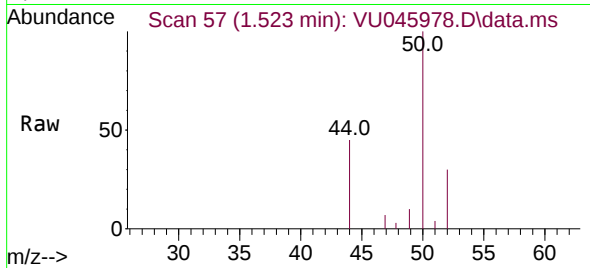




#3
Chloromethane
Concen: 0.553 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045978.D
Acq: 24 Nov 2021 00:34

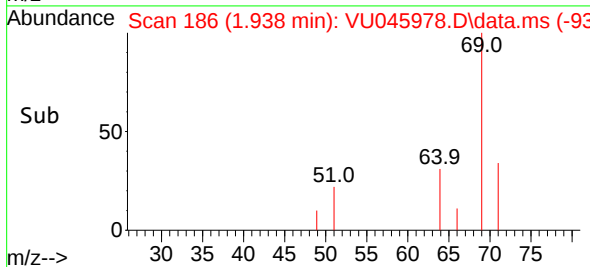
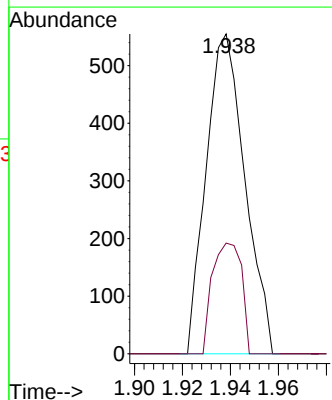
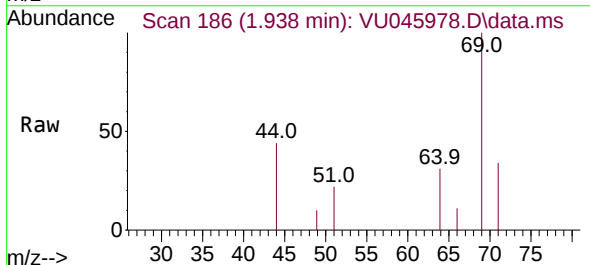
Instrument :
MSVOA_U
ClientSampleId :

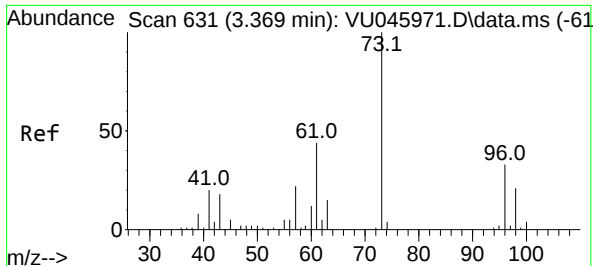
Tgt Ion: 50 Resp: 4605
Ion Ratio Lower Upper
50 100
52 30.3 23.0 42.8



#8
Chloroethane
Concen: 0.131 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU045978.D
Acq: 24 Nov 2021 00:34

Tgt Ion: 64 Resp: 623
Ion Ratio Lower Upper
64 100
66 34.6 22.1 41.1





#17

Methyl tert-butyl Ether

Concen: 1.629 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

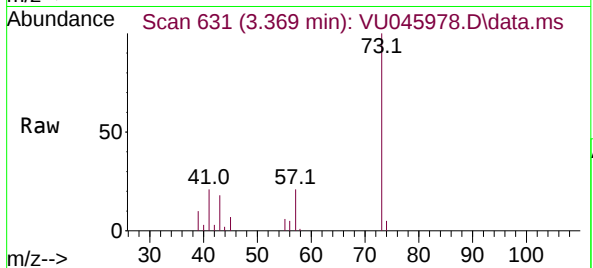
Lab File: VU045978.D

Acq: 24 Nov 2021 00:34

Instrument :

MSVOA_U

ClientSampleId :



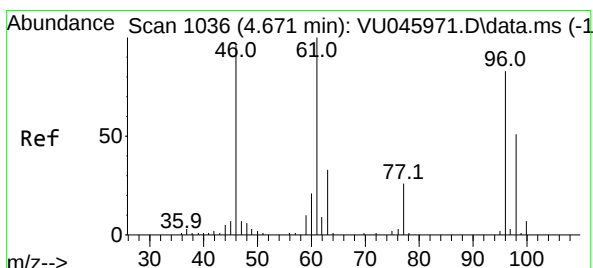
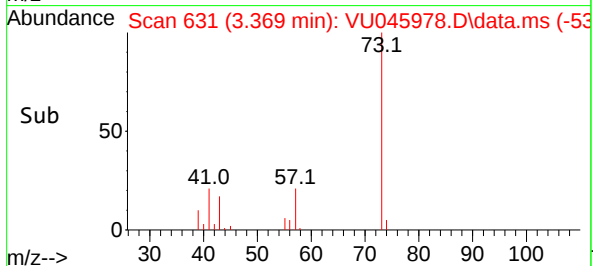
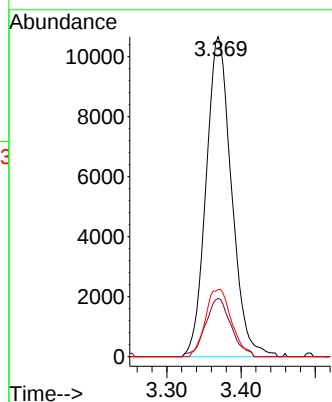
Tgt Ion: 73 Resp: 25343

Ion Ratio Lower Upper

73 100

43 18.5 14.8 22.2

57 21.6 17.4 26.0



#22

cis-1,2-Dichloroethene

Concen: 0.084 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.009 min

Lab File: VU045978.D

Acq: 24 Nov 2021 00:34

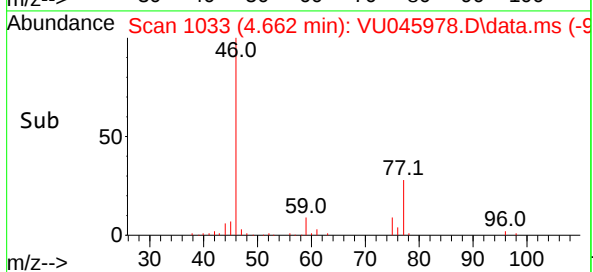
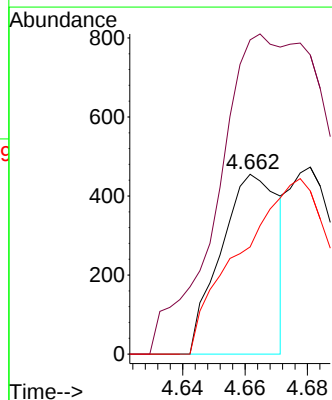
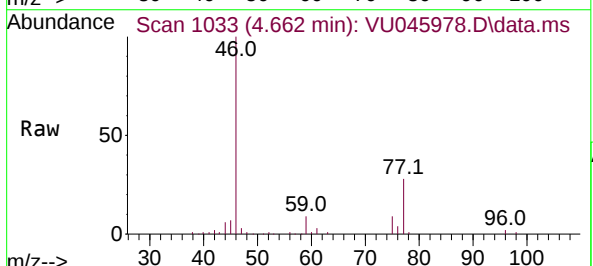
Tgt Ion: 96 Resp: 584

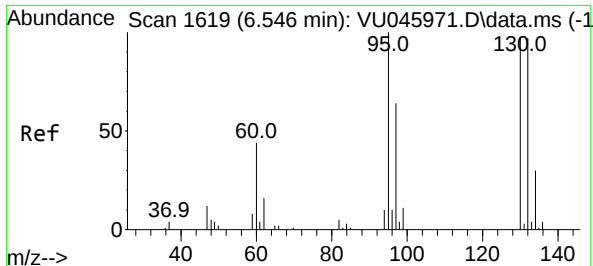
Ion Ratio Lower Upper

96 100

61 174.7 88.5 164.3#

98 59.6 44.4 82.5

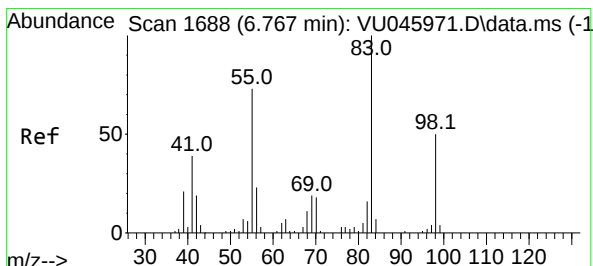
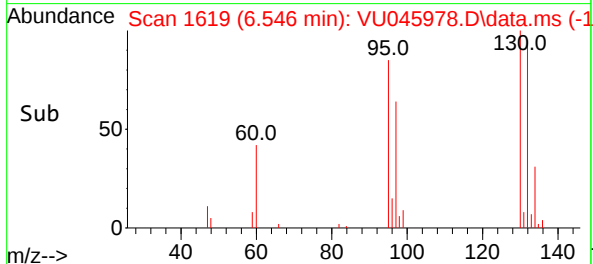
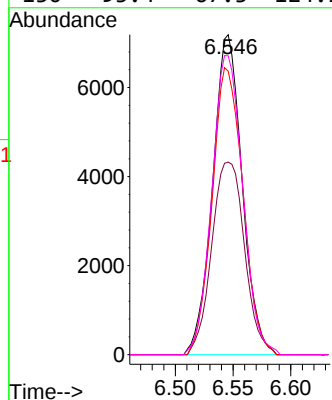
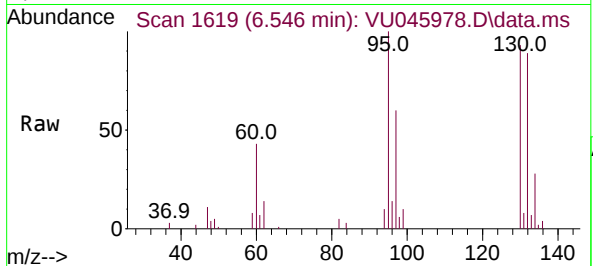




#34
Trichloroethene
Concen: 1.844 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VU045978.D
Acq: 24 Nov 2021 00:34

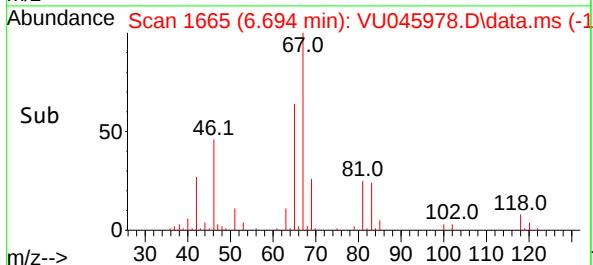
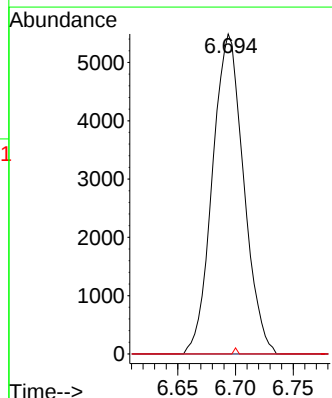
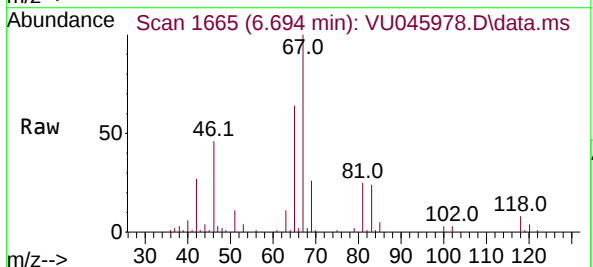
Instrument :
MSVOA_U
ClientSampleId :

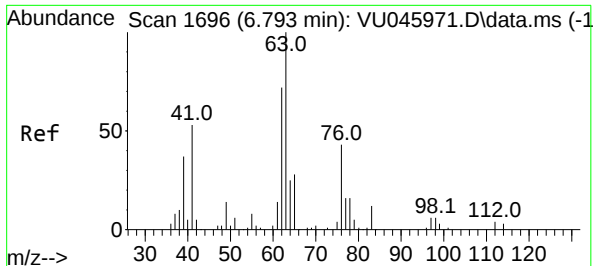
Tgt Ion: 95 Resp: 12776
Ion Ratio Lower Upper
95 100
97 60.2 46.5 86.5
132 88.6 65.1 120.9
130 93.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.969 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045978.D
Acq: 24 Nov 2021 00:34

Tgt Ion: 83 Resp: 10309
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 9.4 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.690 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU045978.D

Acq: 24 Nov 2021 00:34

Instrument :

MSVOA_U

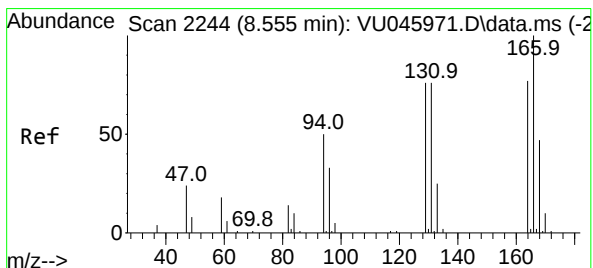
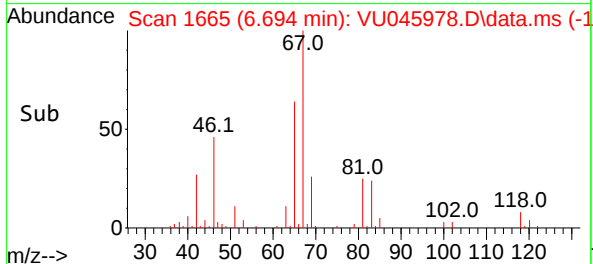
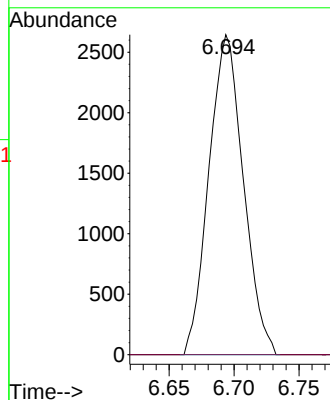
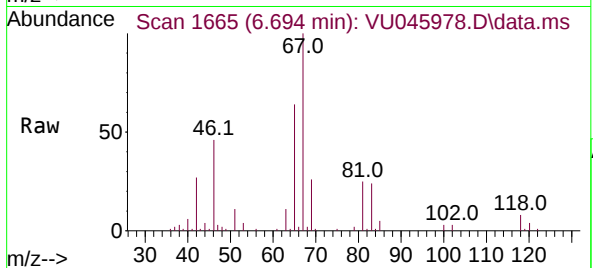
ClientSampleId :

Tgt Ion: 63 Resp: 4880

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 4.221 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045978.D

Acq: 24 Nov 2021 00:34

Tgt Ion: 164 Resp: 20473

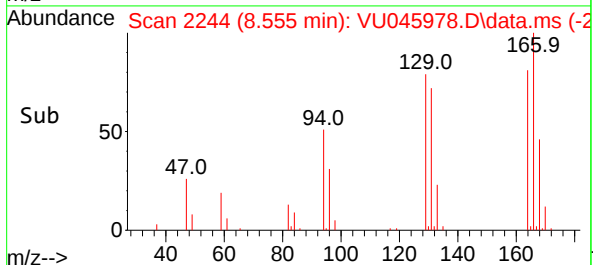
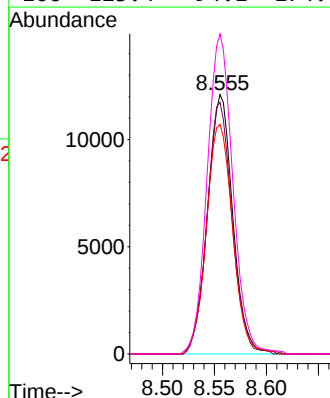
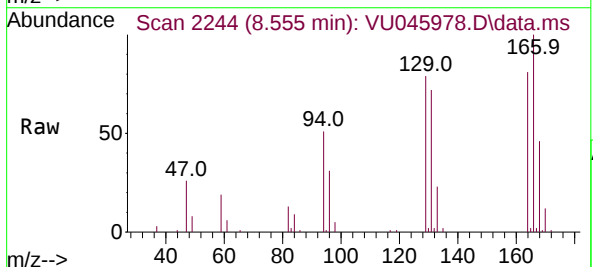
Ion Ratio Lower Upper

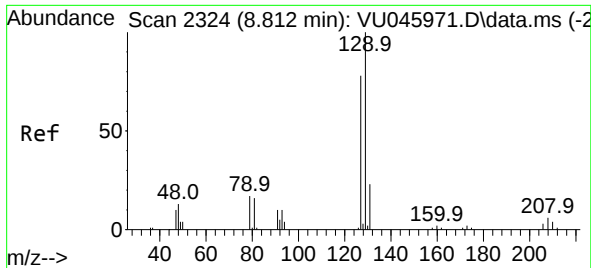
164 100

129 96.9 71.8 133.4

131 88.5 68.5 127.3

166 123.4 94.1 174.8

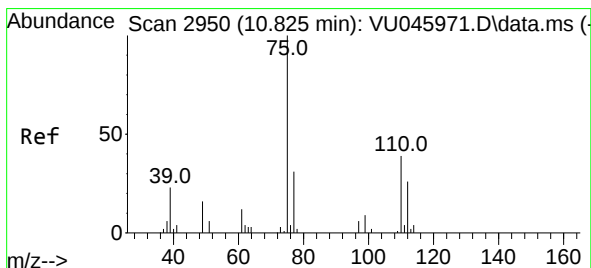
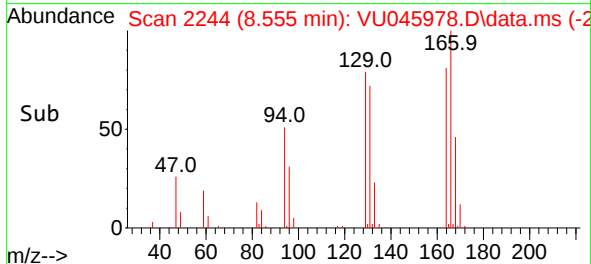
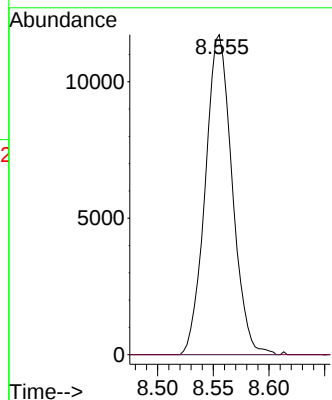
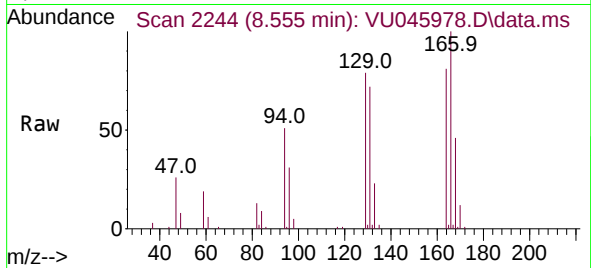




#49
Dibromochloromethane
Concen: 3.290 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU045978.D
Acq: 24 Nov 2021 00:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 19679
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.209 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045978.D
Acq: 24 Nov 2021 00:34

Tgt Ion: 75 Resp: 5408
Ion Ratio Lower Upper
75 100
110 2.2 29.9 44.9#
77 31.0 25.5 38.3

