

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045980.D
 Acq On : 24 Nov 2021 01:22
 Operator : SY/MD
 Sample : M4722-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 02:10:06 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

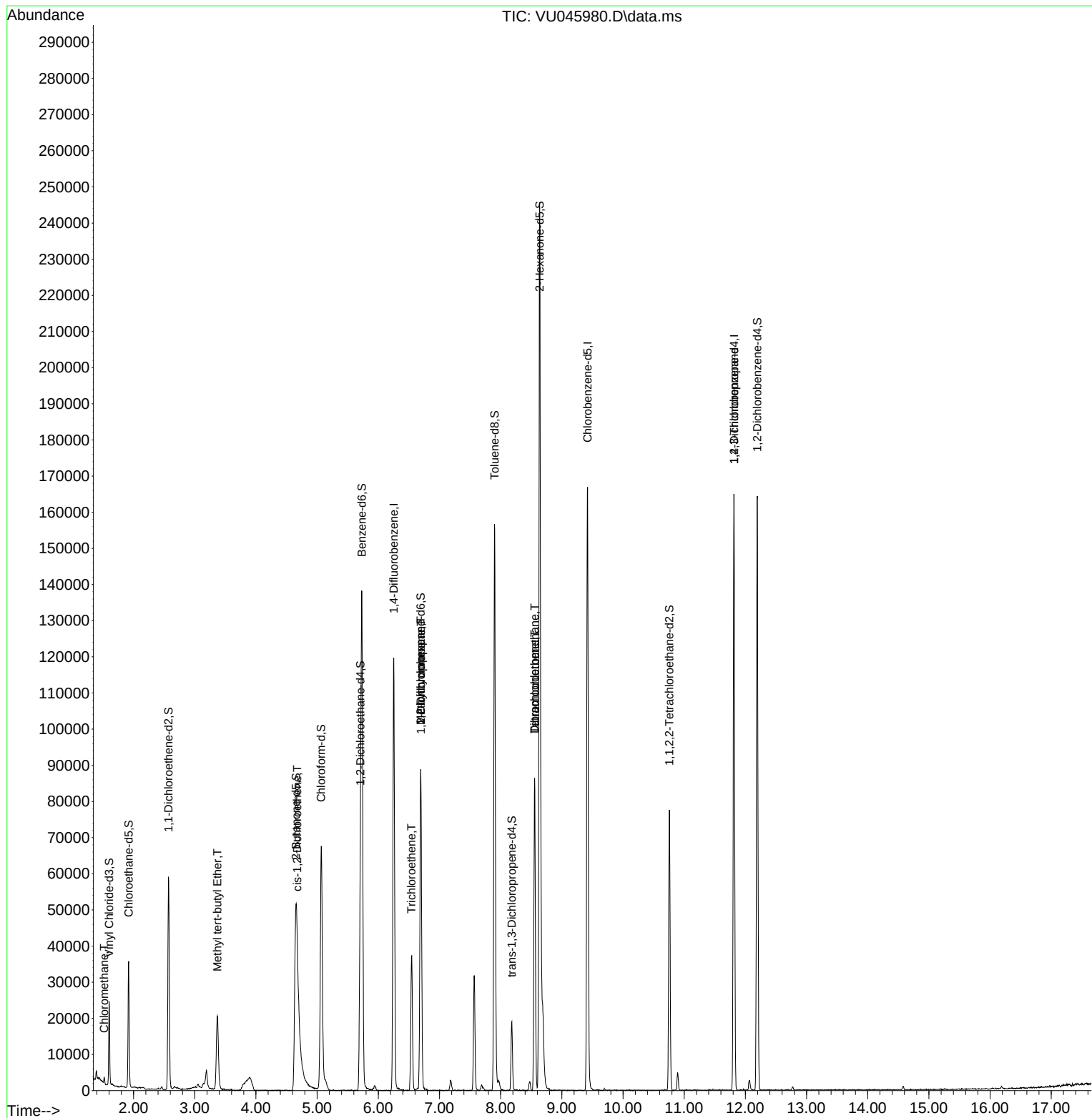
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96765	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	42758	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16121	2.103	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	42.000%	
7) Chloroethane-d5	1.919	69	25302	4.534	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.572	65	11600	3.608	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.200%	
20) 2-Butanone-d5	4.655	46	125946	61.302	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.600%	
24) Chloroform-d	5.067	84	62685	4.908	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.707	65	38005	5.071	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.732	84	131632	4.900	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	6.694	67	42958	5.074	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.899	98	108661	4.471	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.182	79	11637	3.386	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.800%	
46) 2-Hexanone-d5	8.636	63	94187	60.886	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	121.780%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38920	5.441	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	42495	5.788	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1296	0.155	ug/L #	79
17) Methyl tert-butyl Ether	3.369	73	24820	1.592	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	1401	0.201	ug/L	79
34) Trichloroethene	6.543	95	12303	1.754	ug/L	93
35) Methylcyclohexane	6.694	83	10232	0.950	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4476	0.625	ug/L #	88
47) Tetrachloroethene	8.555	164	18887	3.846	ug/L	97
49) Dibromochloromethane	8.555	129	18661	3.081	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	5496	1.238	ug/L #	65

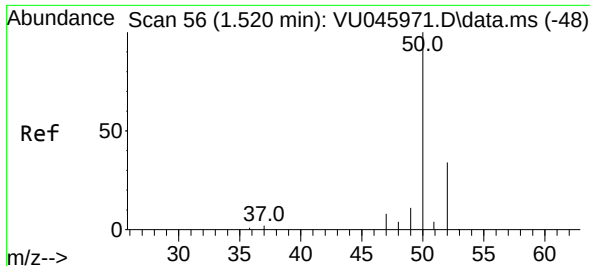
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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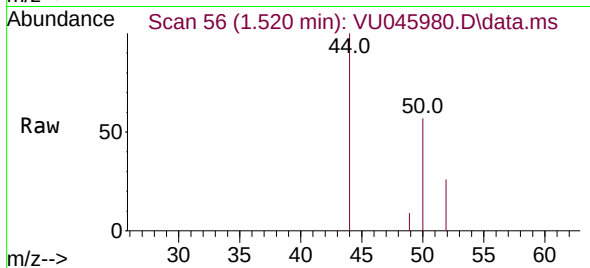
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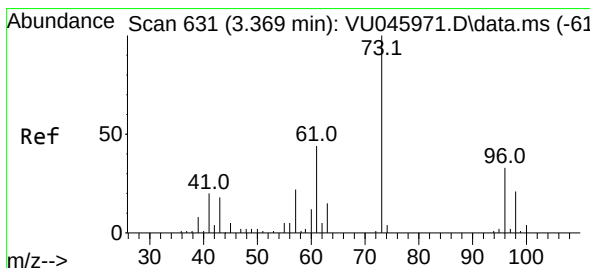
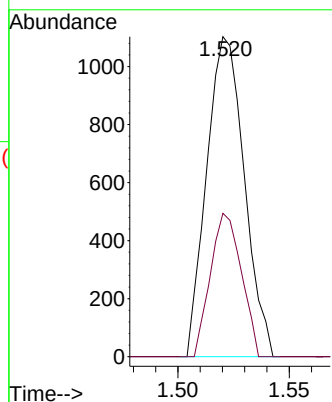
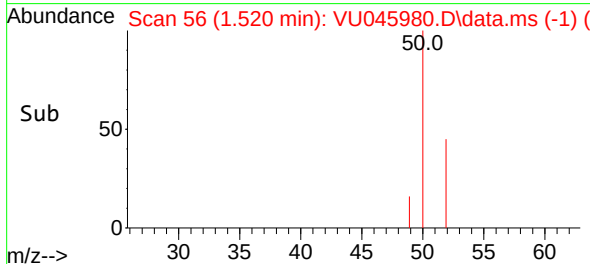


#3
Chloromethane
Concen: 0.155 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045980.D
Acq: 24 Nov 2021 01:22

Instrument :
MSVOA_U
ClientSampleId :

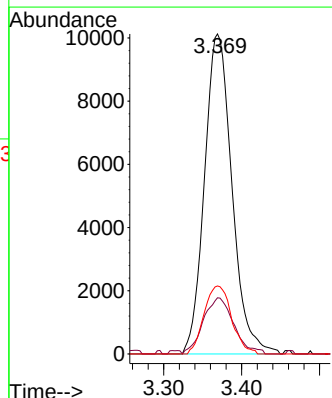
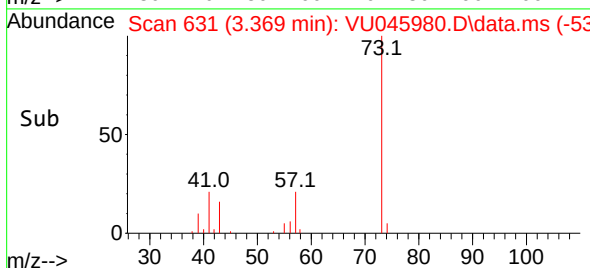
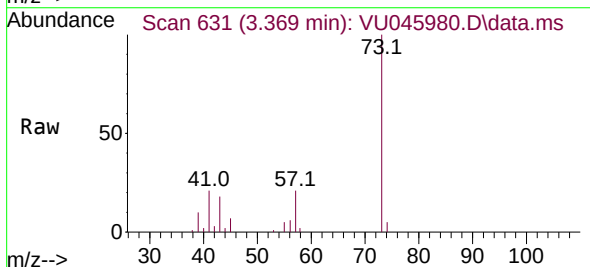


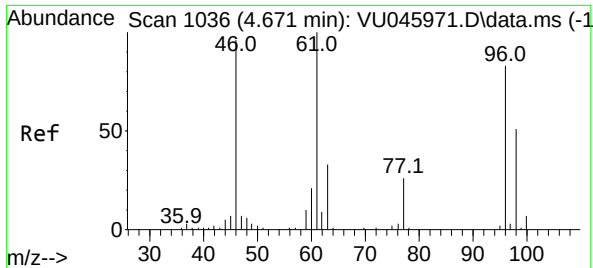
Tgt Ion: 50 Resp: 1296
Ion Ratio Lower Upper
50 100
52 44.8 23.0 42.8#



#17
Methyl tert-butyl Ether
Concen: 1.592 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU045980.D
Acq: 24 Nov 2021 01:22

Tgt Ion: 73 Resp: 24820
Ion Ratio Lower Upper
73 100
43 19.5 14.8 22.2
57 21.3 17.4 26.0

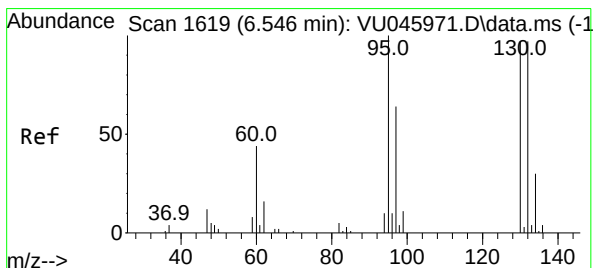
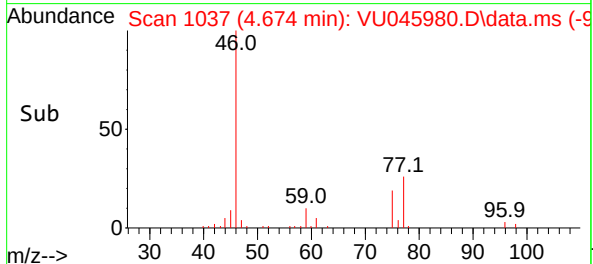
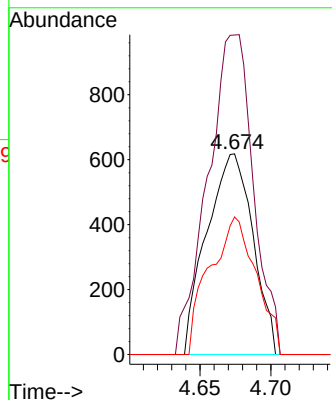
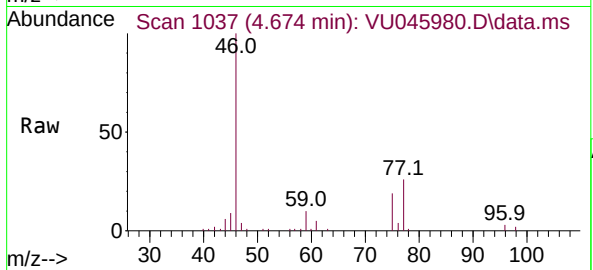




#22
cis-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 4.674 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU045980.D
Acq: 24 Nov 2021 01:22

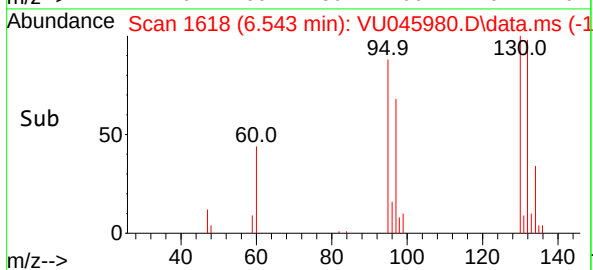
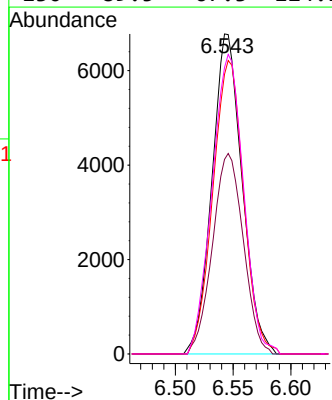
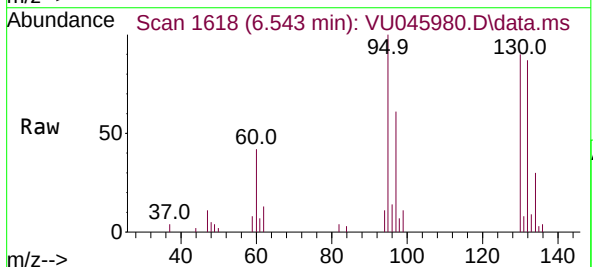
Instrument :
MSVOA_U
ClientSampleId :

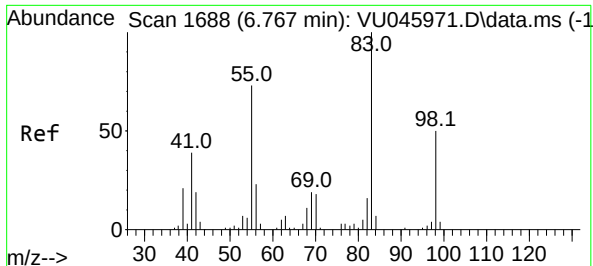
Tgt Ion: 96 Resp: 1401
Ion Ratio Lower Upper
96 100
61 159.2 88.5 164.3
98 68.6 44.4 82.5



#34
Trichloroethene
Concen: 1.754 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045980.D
Acq: 24 Nov 2021 01:22

Tgt Ion: 95 Resp: 12303
Ion Ratio Lower Upper
95 100
97 60.8 46.5 86.5
132 87.4 65.1 120.9
130 89.5 67.3 124.9

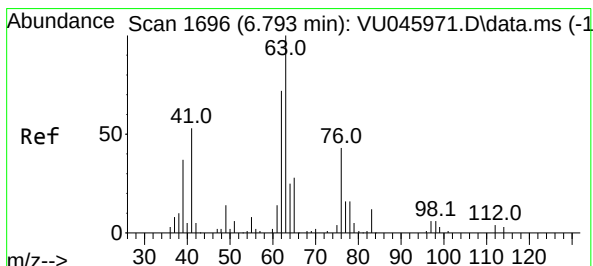
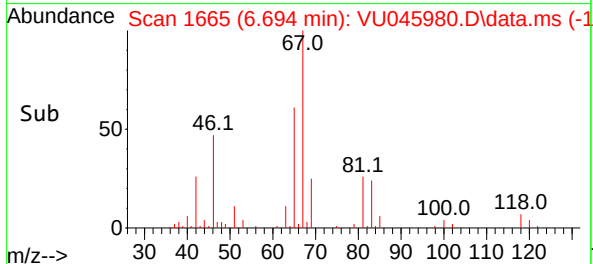
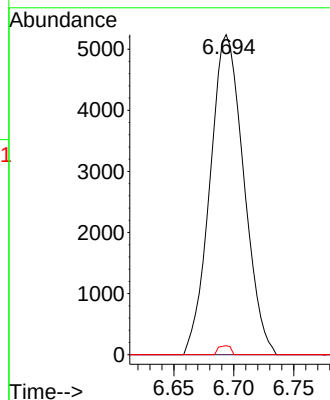
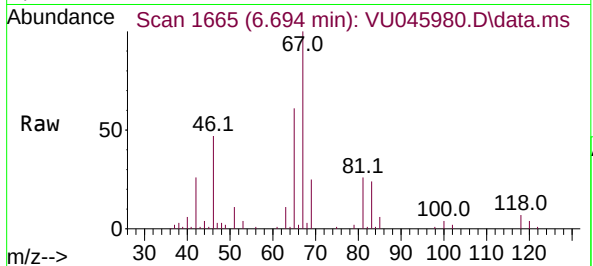




#35
Methylcyclohexane
Concen: 0.950 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045980.D
Acq: 24 Nov 2021 01:22

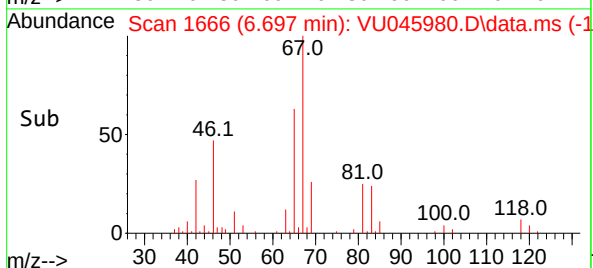
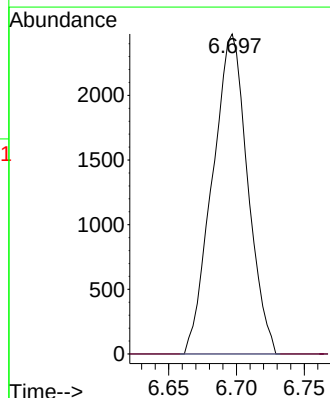
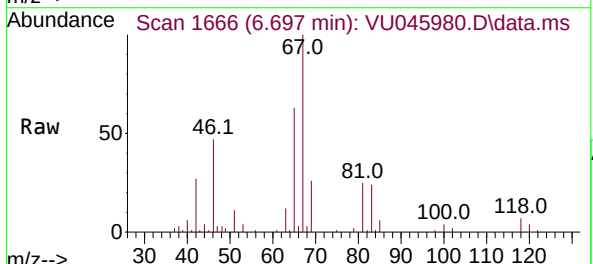
Instrument :
MSVOA_U
ClientSampleId :

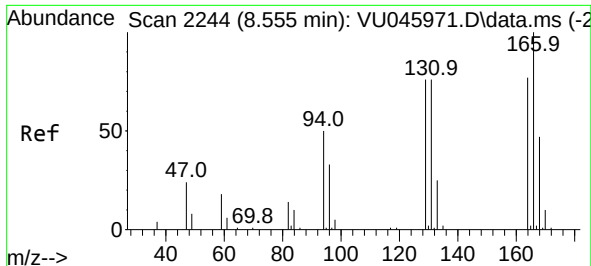
Tgt Ion: 83 Resp: 10232
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.096 min
Lab File: VU045980.D
Acq: 24 Nov 2021 01:22

Tgt Ion: 63 Resp: 4476
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 3.846 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

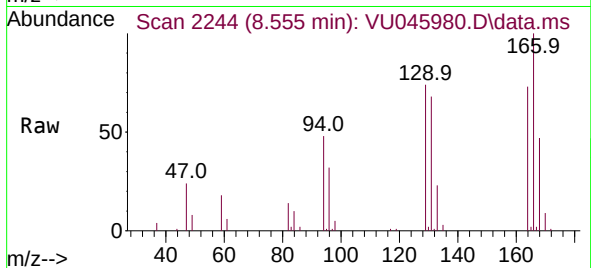
Lab File: VU045980.D

Acq: 24 Nov 2021 01:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 18887

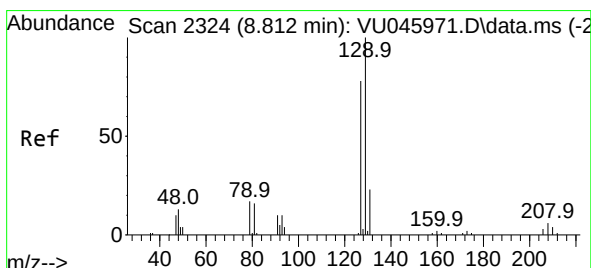
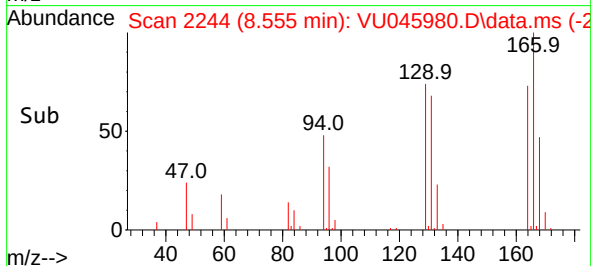
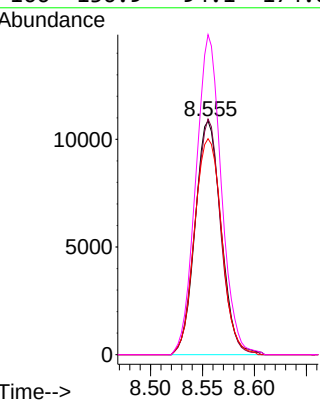
Ion Ratio Lower Upper

164 100

129 100.8 71.8 133.4

131 92.4 68.5 127.3

166 136.9 94.1 174.8



#49

Dibromochloromethane

Concen: 3.081 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045980.D

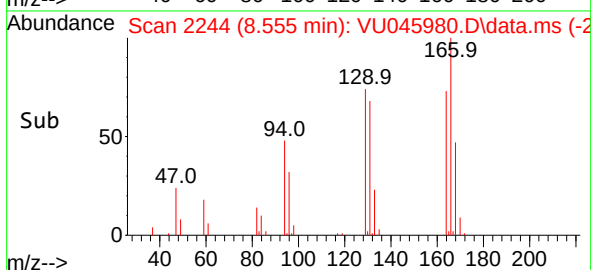
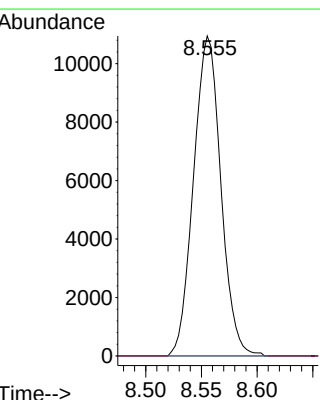
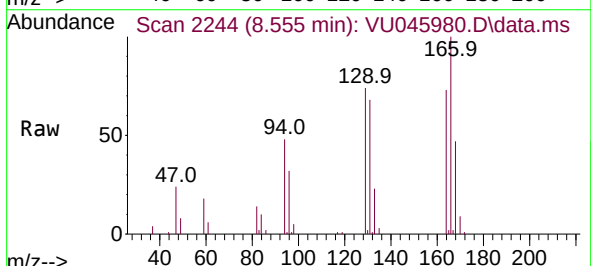
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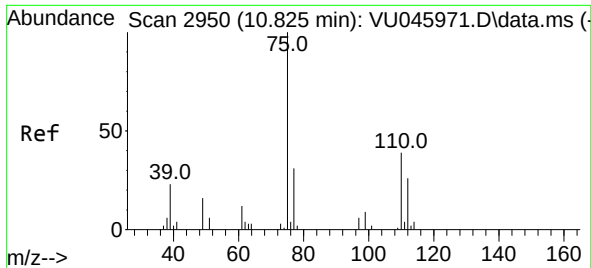
Tgt Ion:129 Resp: 18661

Ion Ratio Lower Upper

129 100

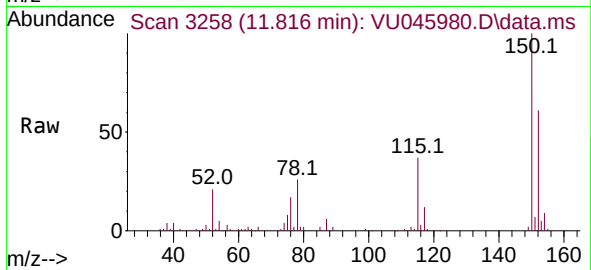
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.238 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU045980.D
 Acq: 24 Nov 2021 01:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5496
 Ion Ratio Lower Upper
 75 100
 110 0.4 29.9 44.9#
 77 30.4 25.5 38.3

