

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045973.D
 Acq On : 23 Nov 2021 22:35
 Operator : SY/MD
 Sample : M4722-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 02:08:43 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)

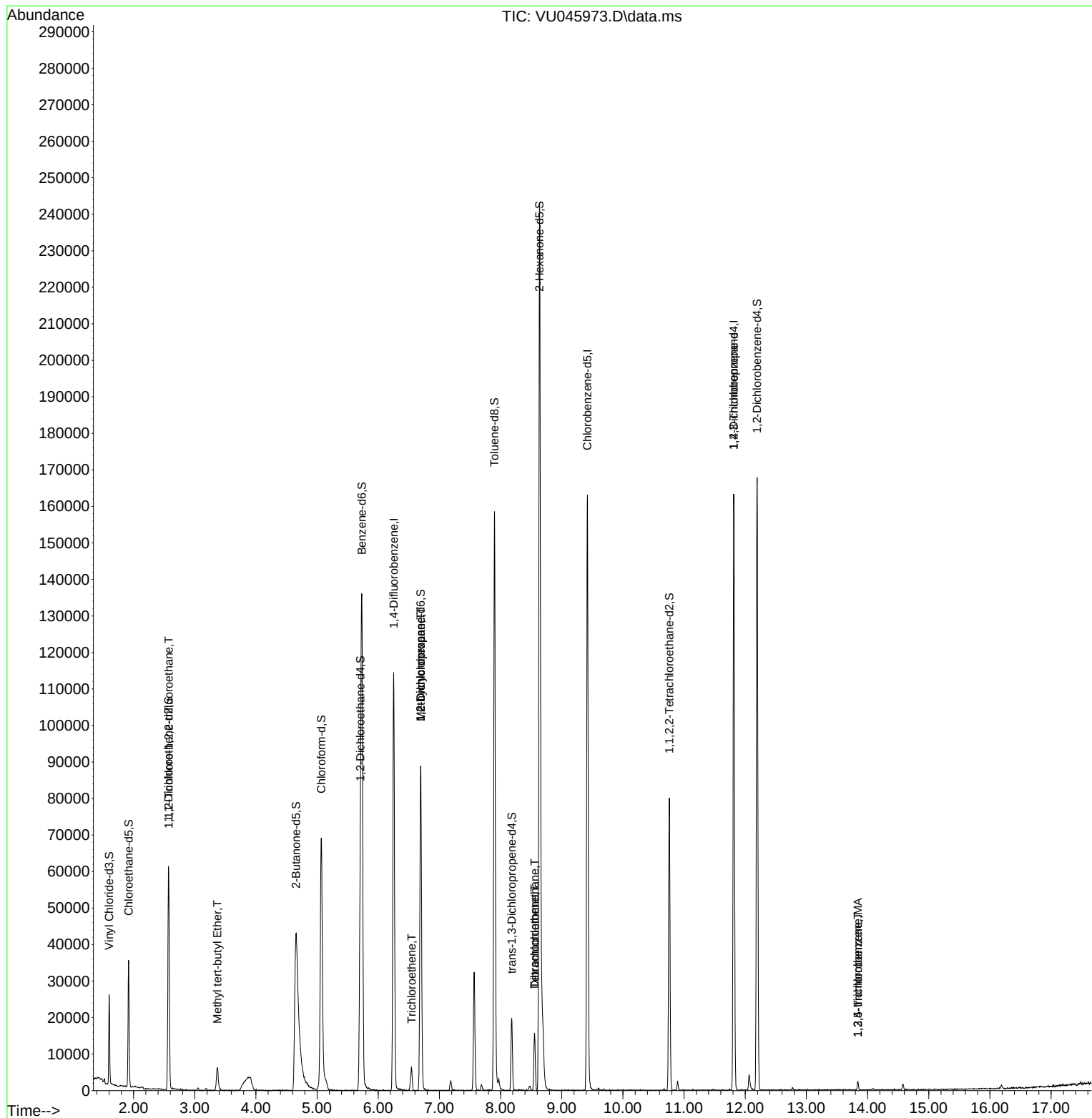
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42807	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	16754	2.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.000%
7) Chloroethane-d5	1.919	69	24981	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.571	65	11600	3.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.658	46	126167	63.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.400%
24) Chloroform-d	5.070	84	63378	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.706	65	39152	5.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.732	84	130511	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.693	67	44210	5.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.899	98	109738	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.182	79	12049	3.644	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.636	63	96460	64.810	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39190	5.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	43781	5.957	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-...	2.575	101	272	0.044	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	7119	0.470	ug/L	97
34) Trichloroethene	6.546	95	1678	0.249	ug/L	91
35) Methylcyclohexane	6.693	83	10286	0.992	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	4425	0.642	ug/L #	88
47) Tetrachloroethene	8.555	164	3679	0.779	ug/L	91
49) Dibromochloromethane	8.555	129	3547	0.609	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5212	1.173	ug/L #	65
69) 1,3,5-Trichlorobenzene	13.841	180	1044	0.119	ug/L #	87
70) 1,2,4-trichlorobenzene	13.841	180	1044	0.141	ug/L #	89

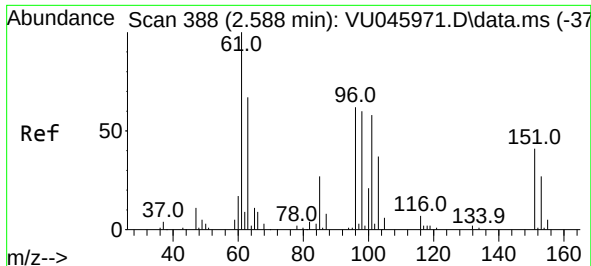
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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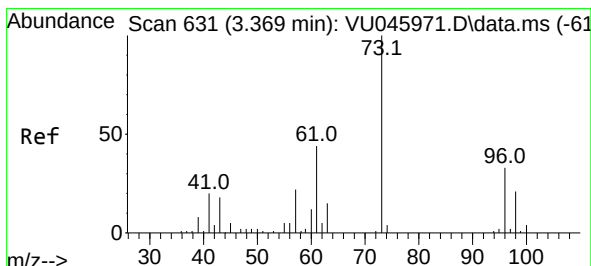
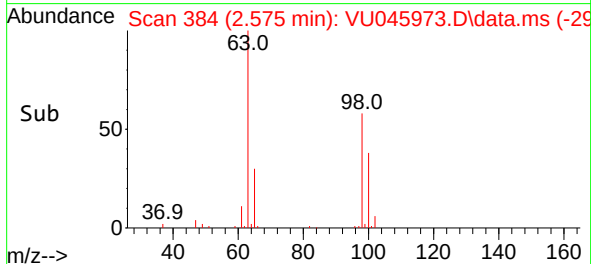
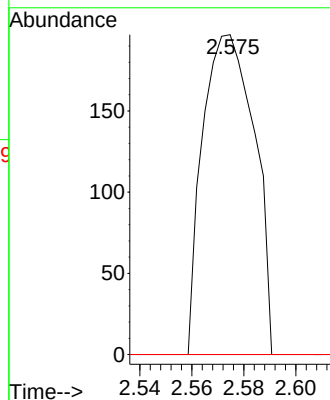
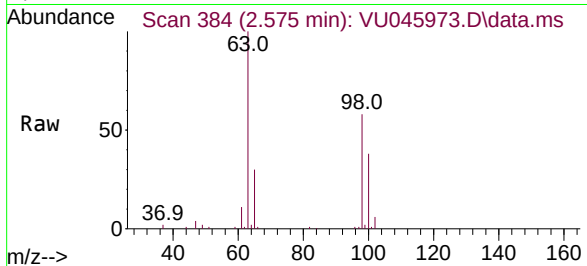




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.044 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU045973.D
 Acq: 23 Nov 2021 22:35

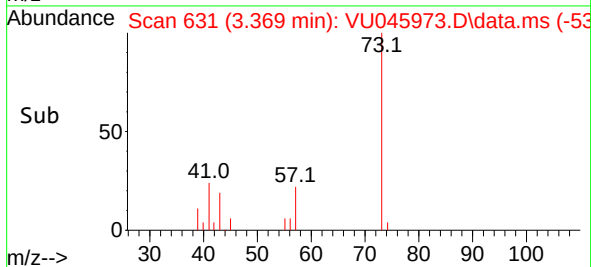
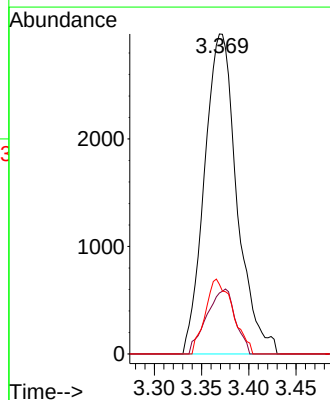
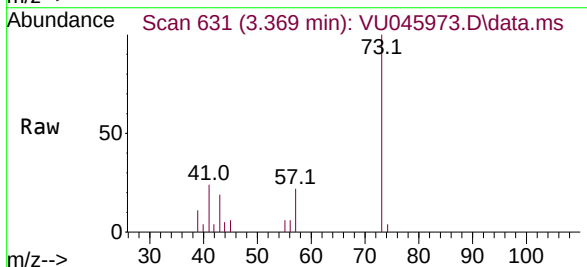
Instrument :
 MSVOA_U
 ClientSampleId :

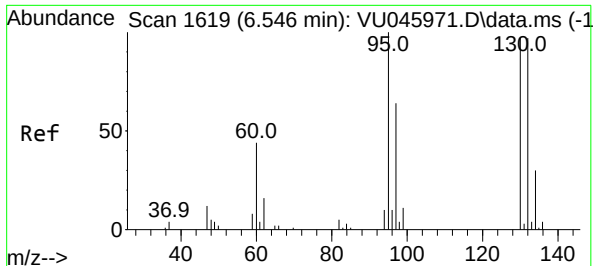
Tgt Ion:101 Resp: 272
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#17
 Methyl tert-butyl Ether
 Concen: 0.470 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU045973.D
 Acq: 23 Nov 2021 22:35

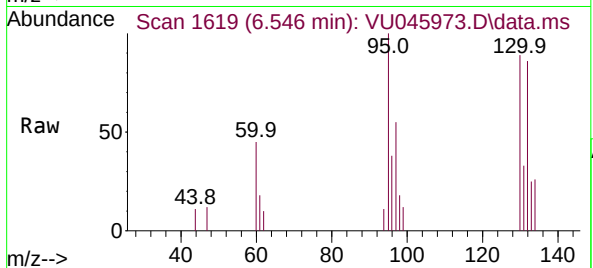
Tgt Ion: 73 Resp: 7119
 Ion Ratio Lower Upper
 73 100
 43 17.9 14.8 22.2
 57 19.8 17.4 26.0





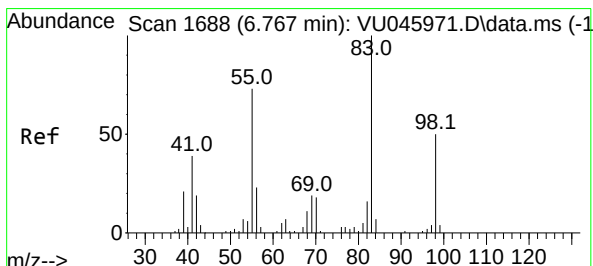
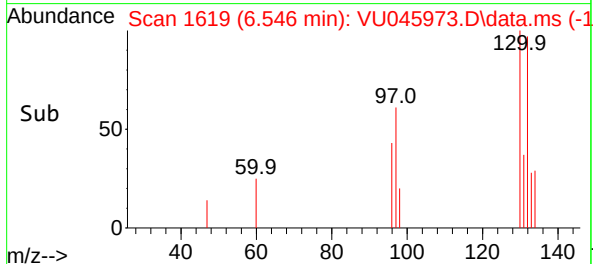
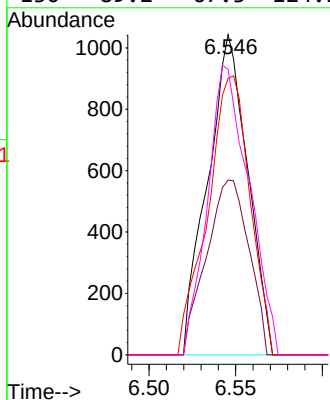
#34
Trichloroethene
Concen: 0.249 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VU045973.D
Acq: 23 Nov 2021 22:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 1678

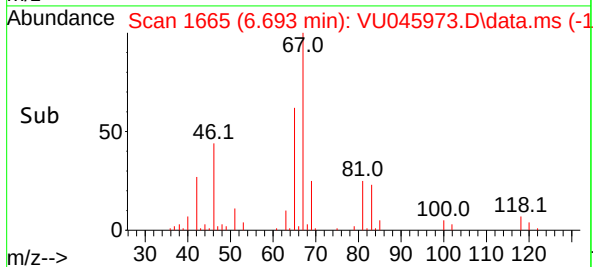
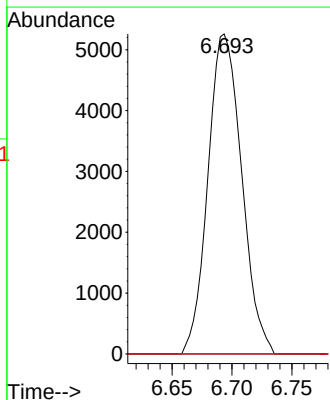
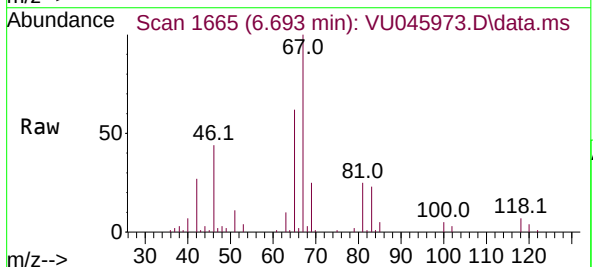
Ion	Ratio	Lower	Upper
95	100		
97	54.6	46.5	86.5
132	86.4	65.1	120.9
130	89.2	67.3	124.9

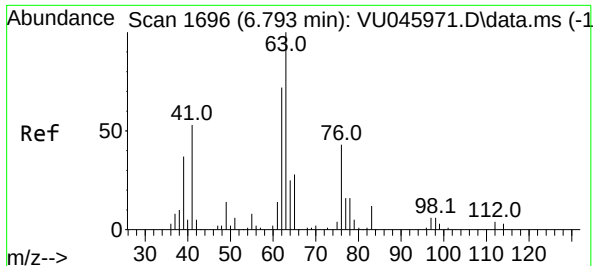


#35
Methylcyclohexane
Concen: 0.992 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045973.D
Acq: 23 Nov 2021 22:35

Tgt Ion: 83 Resp: 10286

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	6.0	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045973.D

Acq: 23 Nov 2021 22:35

Instrument :

MSVOA_U

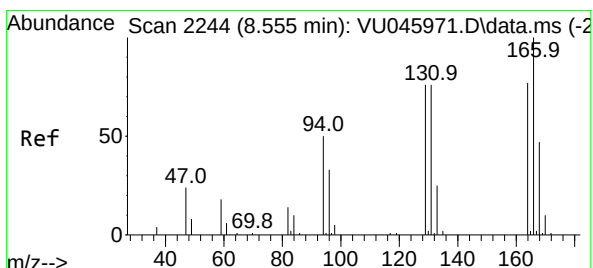
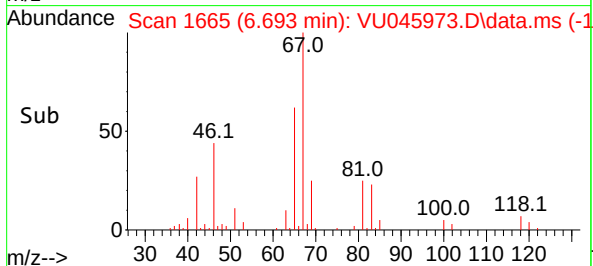
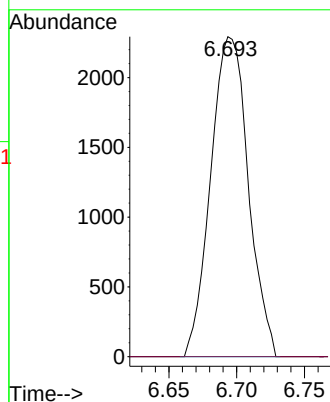
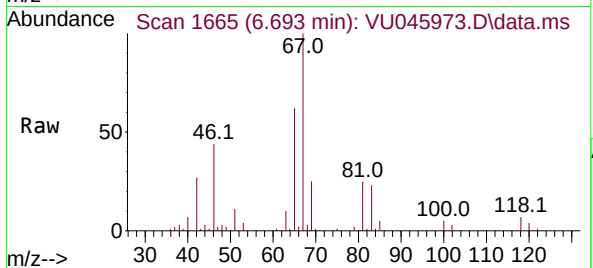
ClientSampleId :

Tgt Ion: 63 Resp: 4425

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.779 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045973.D

Acq: 23 Nov 2021 22:35

Tgt Ion: 164 Resp: 3679

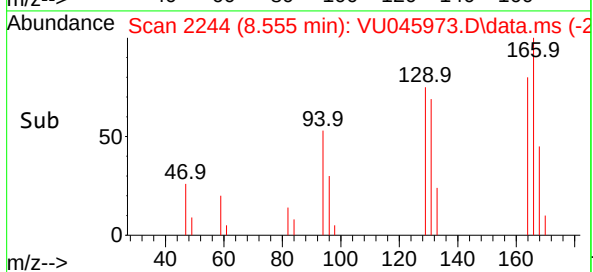
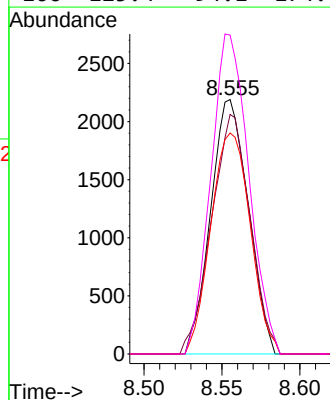
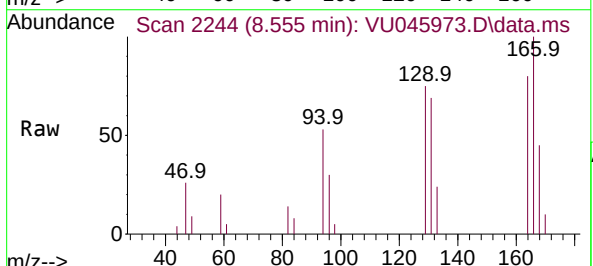
Ion Ratio Lower Upper

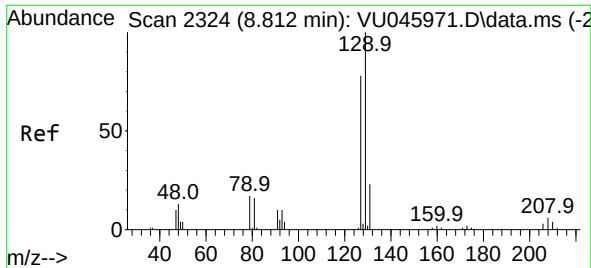
164 100

129 94.2 71.8 133.4

131 86.9 68.5 127.3

166 125.4 94.1 174.8

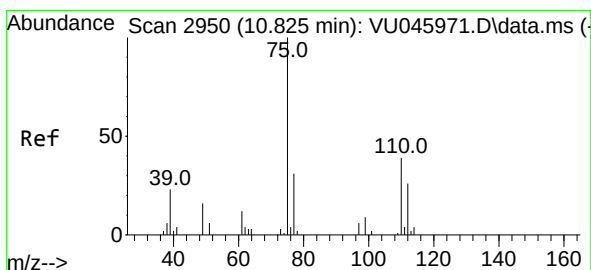
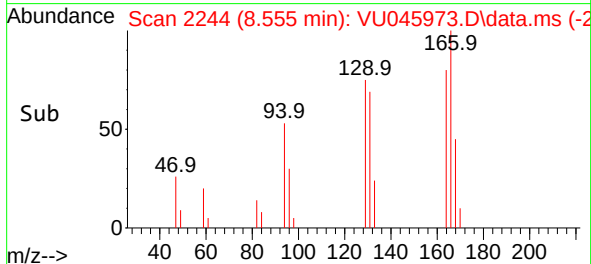
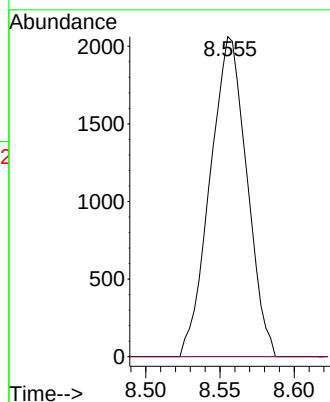
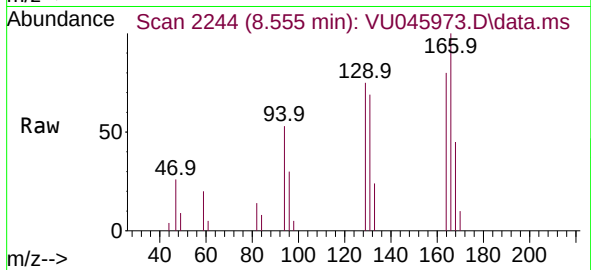




#49
Dibromochloromethane
Concen: 0.609 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU045973.D
Acq: 23 Nov 2021 22:35

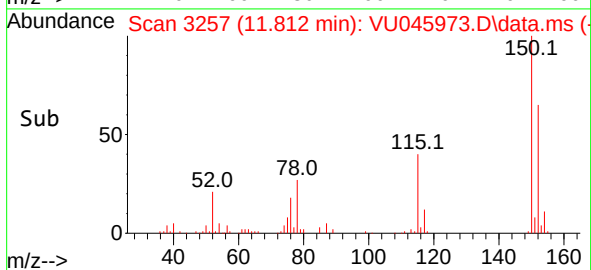
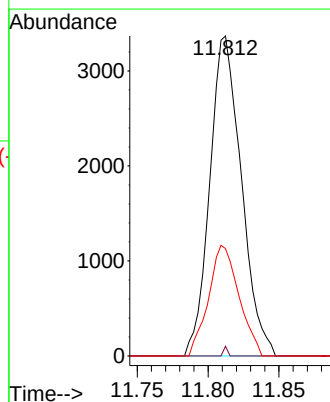
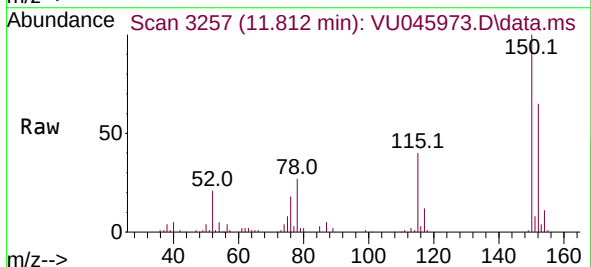
Instrument :
MSVOA_U
ClientSampleId :

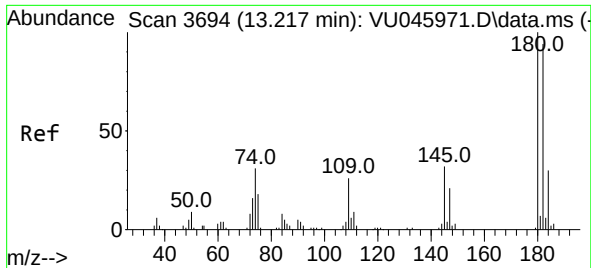
Tgt Ion:129 Resp: 3547
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.173 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045973.D
Acq: 23 Nov 2021 22:35

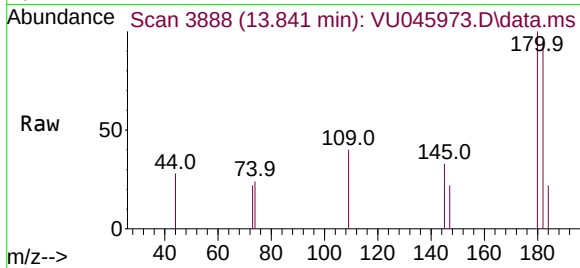
Tgt Ion: 75 Resp: 5212
Ion Ratio Lower Upper
75 100
110 0.4 29.9 44.9#
77 33.3 25.5 38.3



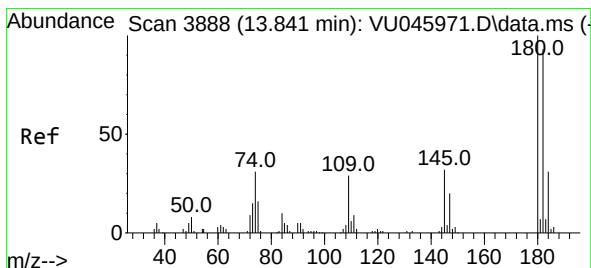
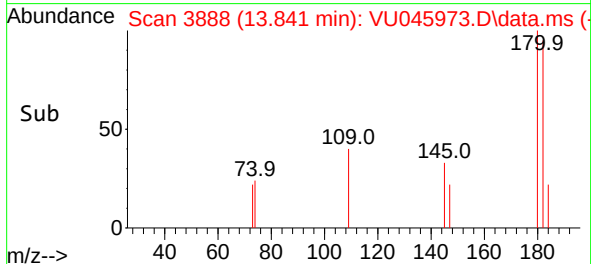
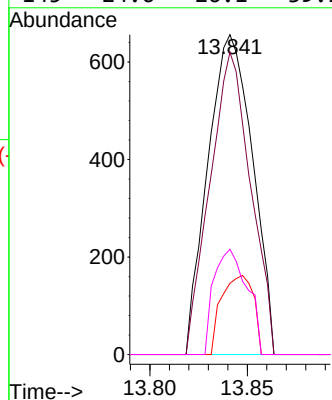


#69
1,3,5-Trichlorobenzene
Concen: 0.119 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.624 min
Lab File: VU045973.D
Acq: 23 Nov 2021 22:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 1044
Ion Ratio Lower Upper
180 100
182 86.0 76.1 114.1
184 17.6 25.0 37.4#
145 24.6 26.1 39.1#



#70
1,2,4-trichlorobenzene
Concen: 0.141 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045973.D
Acq: 23 Nov 2021 22:35

Tgt Ion:180 Resp: 1044
Ion Ratio Lower Upper
180 100
182 86.0 76.4 114.6
145 24.6 25.6 38.4#

