

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045975.D
 Acq On : 23 Nov 2021 23:23
 Operator : SY/MD
 Sample : M4722-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 02:09:10 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)

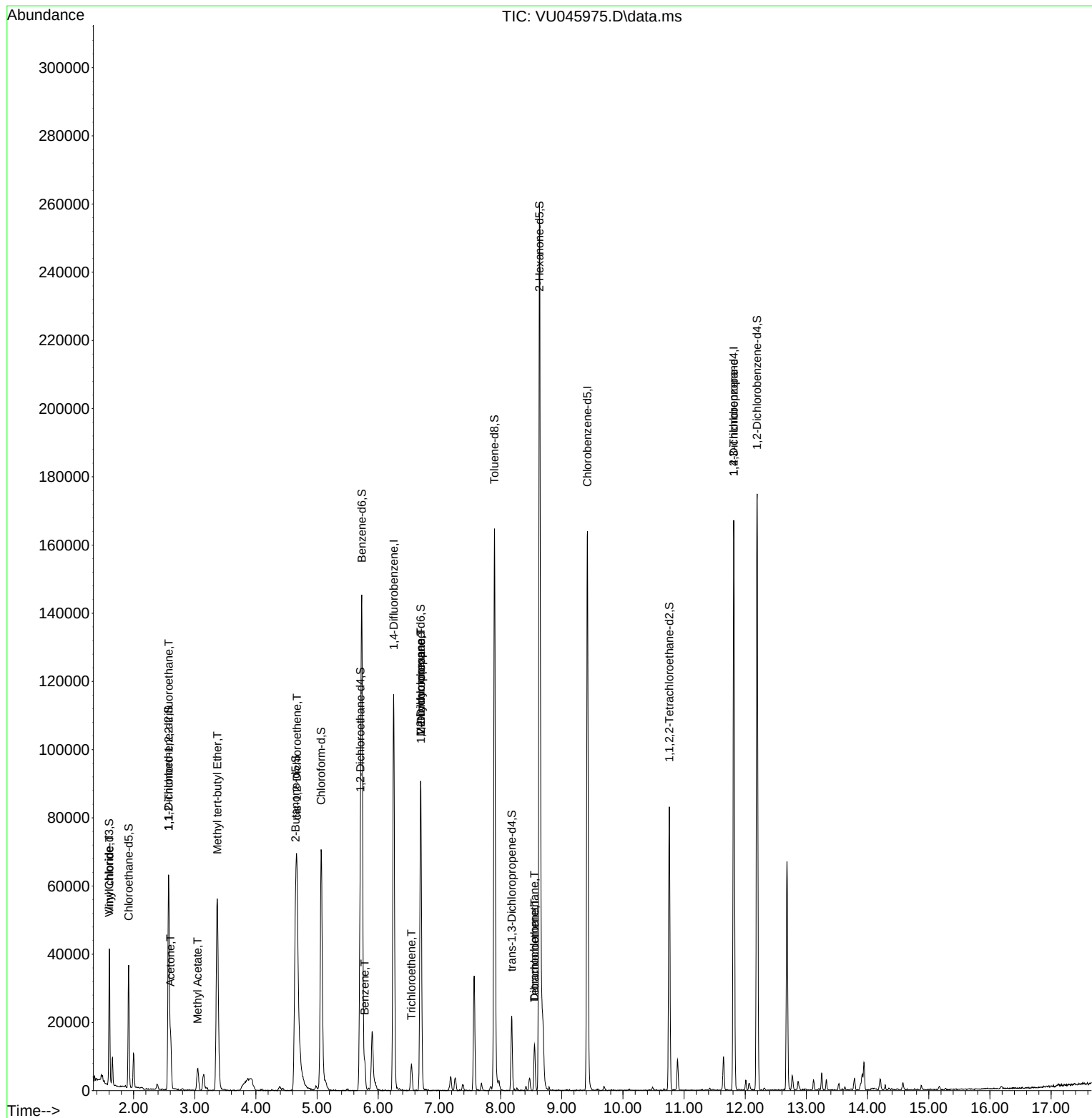
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	16675	2.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.000%
7) Chloroethane-d5	1.919	69	26068	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.571	65	12039	3.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.649	46	137044	67.505	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.000%#
24) Chloroform-d	5.067	84	65649	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.706	65	39614	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.732	84	136954	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.694	67	44889	5.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.899	98	114855	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.182	79	12621	3.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.636	63	98967	66.596	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.200%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40886	5.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	44953	5.925	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	11790	1.424	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	283	0.045	ug/L #	21
13) Acetone	2.604	43	5950	4.979	ug/L	48
15) Methyl Acetate	3.047	43	4099	1.398	ug/L #	51
17) Methyl tert-butyl Ether	3.369	73	68018	4.414	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	12832	1.865	ug/L	93
33) Benzene	5.777	78	7324	0.280	ug/L	100
34) Trichloroethene	6.542	95	2044	0.303	ug/L	91
35) Methylcyclohexane	6.694	83	10455	1.010	ug/L #	21
37) 1,2-Dichloropropane	6.697	63	4733	0.688	ug/L #	88
47) Tetrachloroethene	8.558	164	3003	0.637	ug/L	89
49) Dibromochloromethane	8.552	129	2960	0.509	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5571	1.215	ug/L #	66

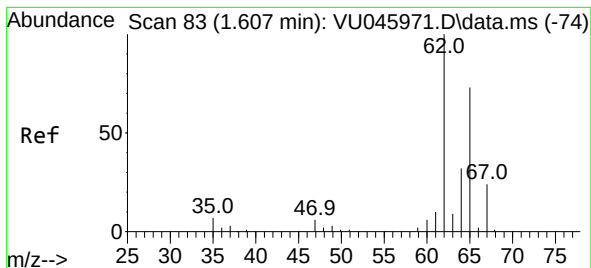
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.424 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU045975.D

Acq: 23 Nov 2021 23:23

Instrument :

MSVOA_U

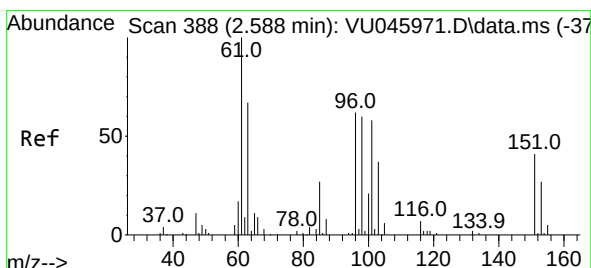
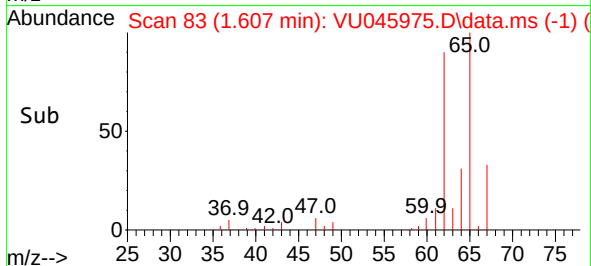
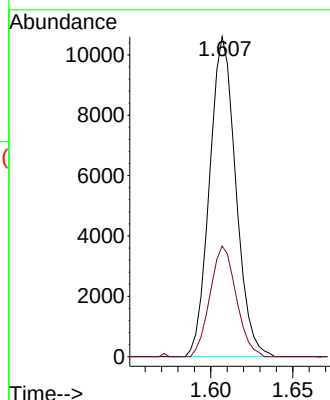
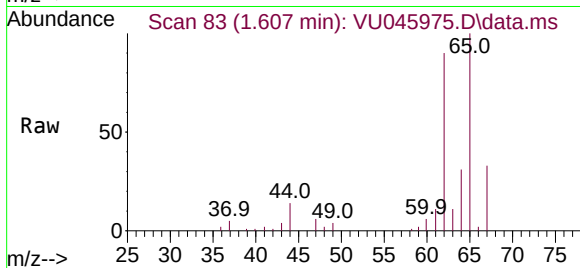
ClientSampleId :

Tgt Ion: 62 Resp: 11790

Ion Ratio Lower Upper

62 100

64 34.6 22.9 42.5



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.045 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU045975.D

Acq: 23 Nov 2021 23:23

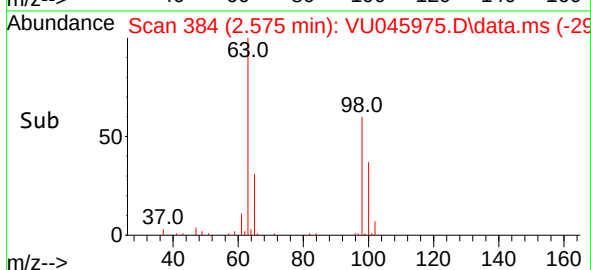
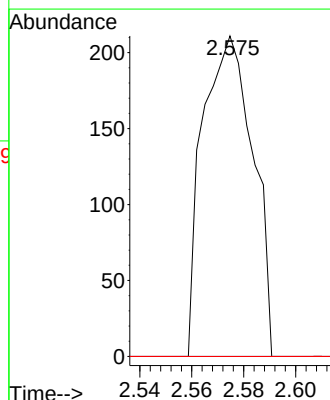
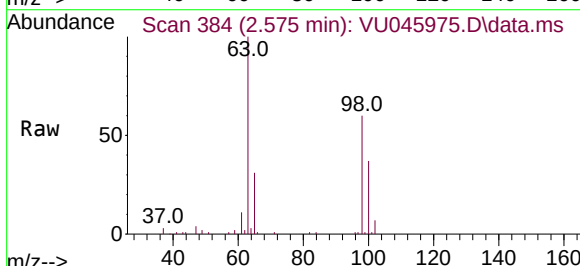
Tgt Ion: 101 Resp: 283

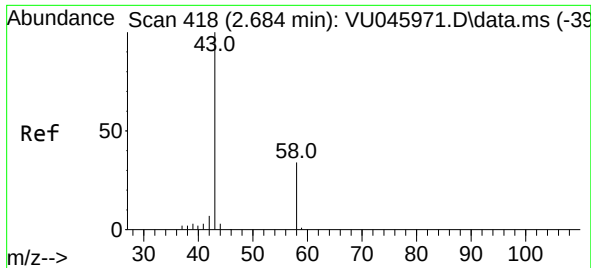
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#





#13

Acetone

Concen: 4.979 ug/L

RT: 2.604 min Scan# 393

Delta R.T. -0.080 min

Lab File: VU045975.D

Acq: 23 Nov 2021 23:23

Instrument :

MSVOA_U

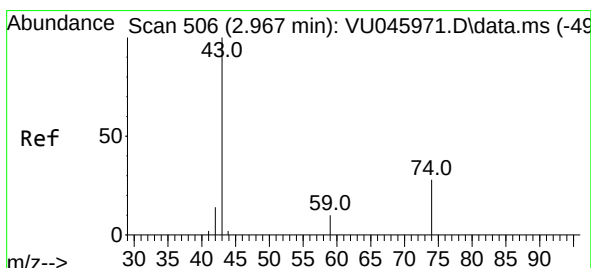
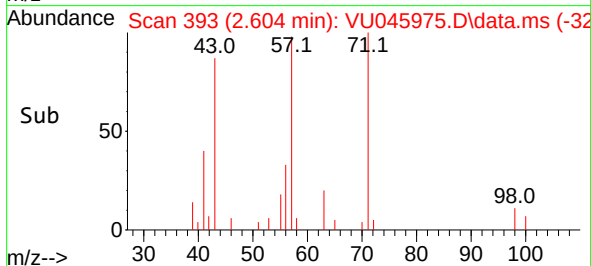
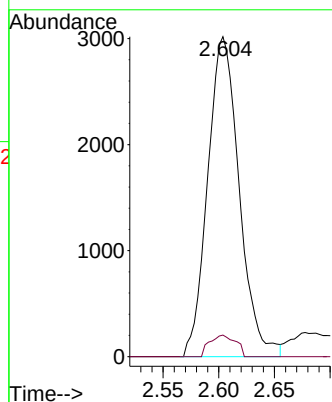
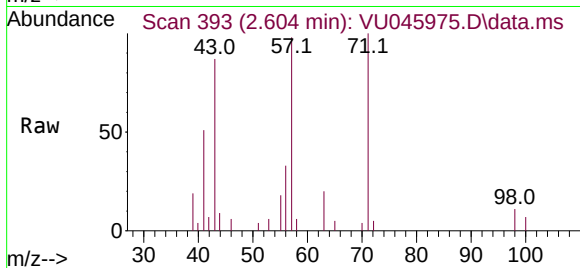
ClientSampleId :

Tgt Ion: 43 Resp: 5950

Ion Ratio Lower Upper

43 100

58 5.6 0.0 71.6



#15

Methyl Acetate

Concen: 1.398 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.080 min

Lab File: VU045975.D

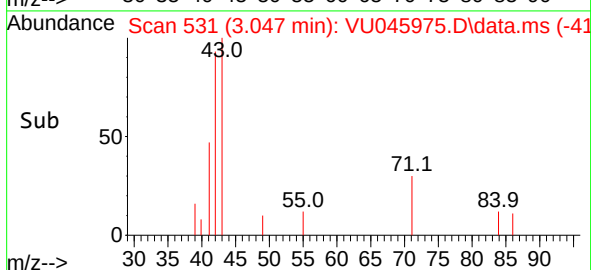
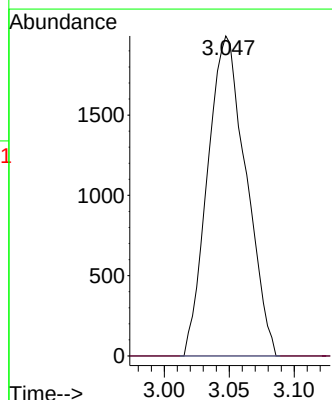
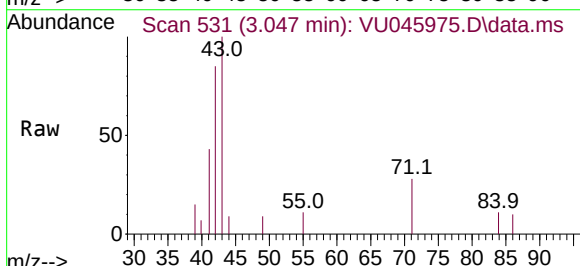
Acq: 23 Nov 2021 23:23

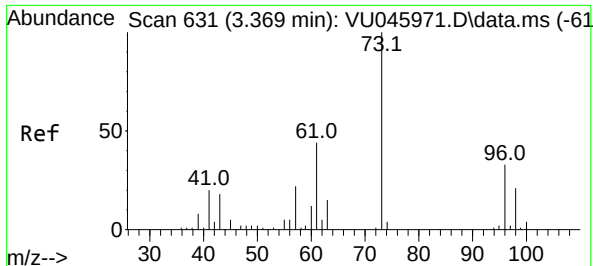
Tgt Ion: 43 Resp: 4099

Ion Ratio Lower Upper

43 100

74 0.0 19.1 28.7#

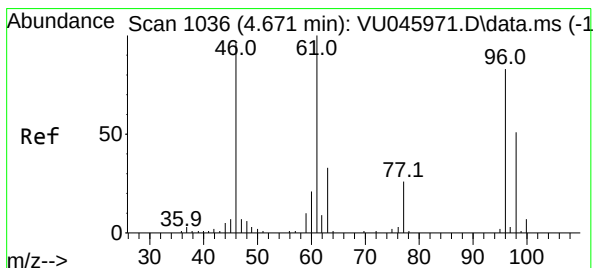
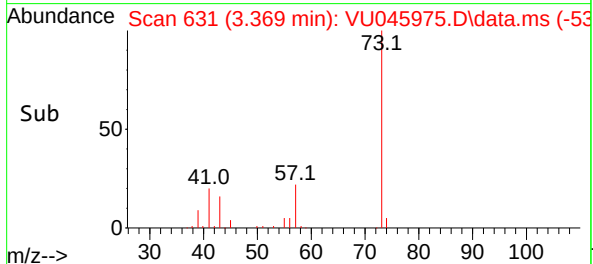
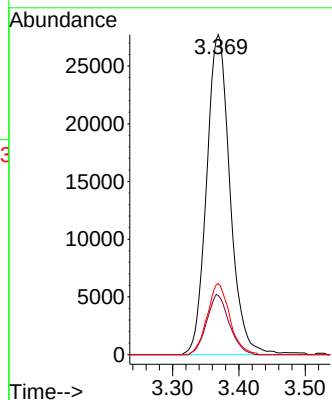
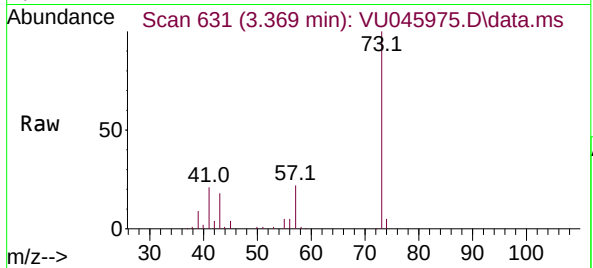




#17
Methyl tert-butyl Ether
Concen: 4.414 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045975.D
Acq: 23 Nov 2021 23:23

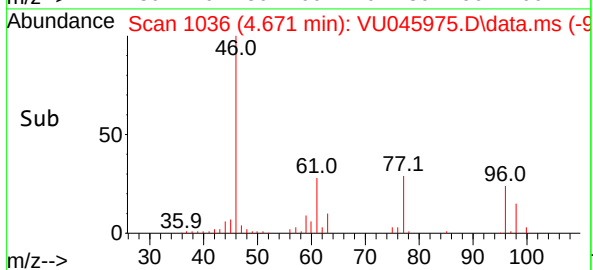
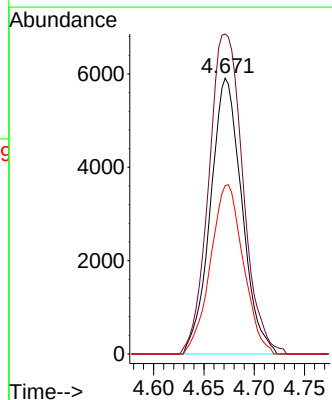
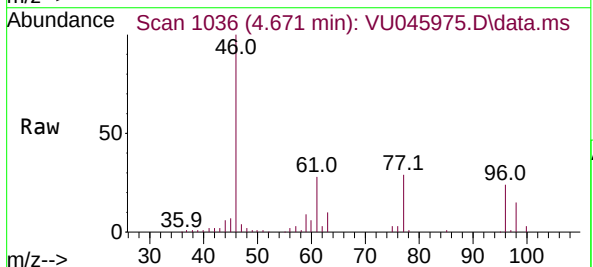
Instrument :
MSVOA_U
ClientSampleId :

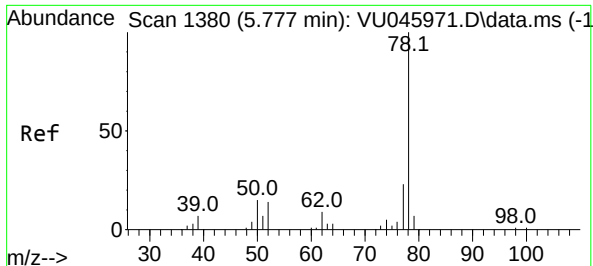
Tgt Ion: 73 Resp: 68018
Ion Ratio Lower Upper
73 100
43 18.0 14.8 22.2
57 21.4 17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 1.865 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045975.D
Acq: 23 Nov 2021 23:23

Tgt Ion: 96 Resp: 12832
Ion Ratio Lower Upper
96 100
61 116.0 88.5 164.3
98 61.0 44.4 82.5

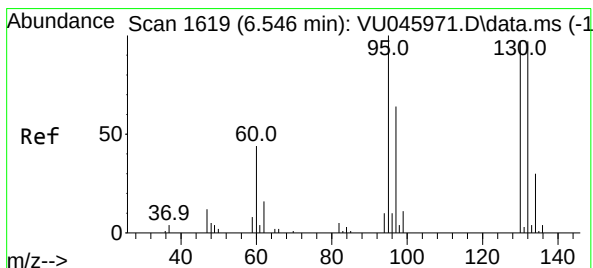
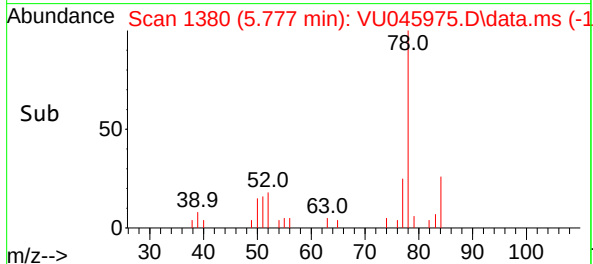
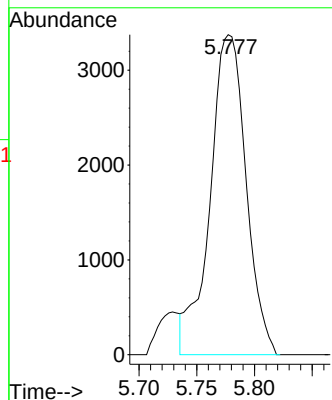
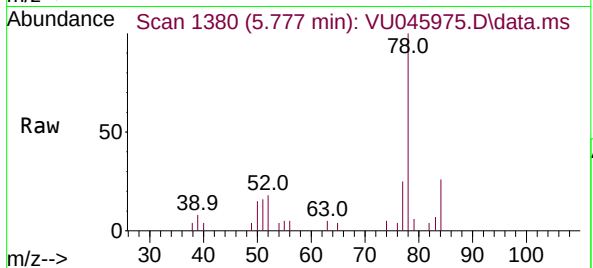




#33
Benzene
Concen: 0.280 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045975.D
Acq: 23 Nov 2021 23:23

Instrument :
MSVOA_U
ClientSampleId :

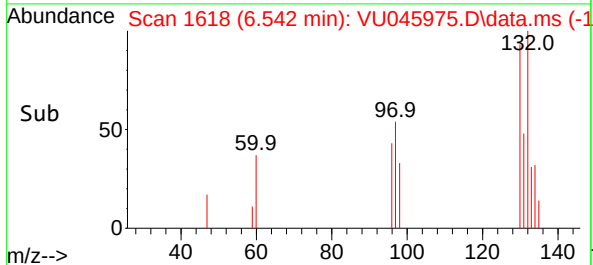
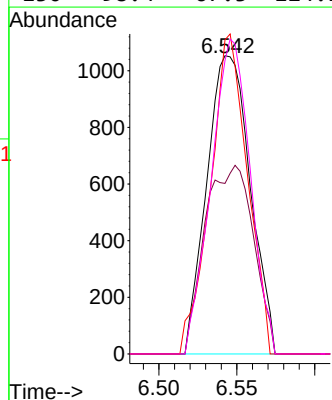
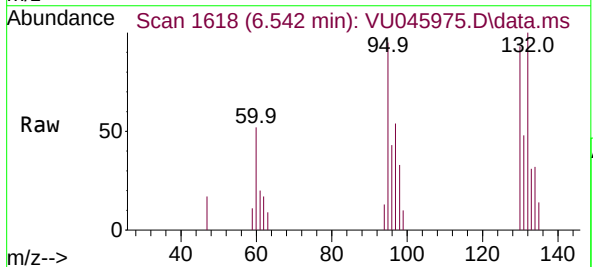
Tgt Ion: 78 Resp: 7324

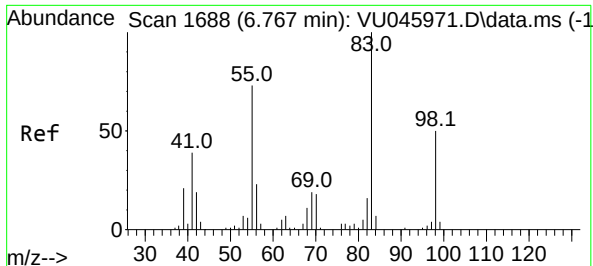


#34
Trichloroethene
Concen: 0.303 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045975.D
Acq: 23 Nov 2021 23:23

Tgt Ion: 95 Resp: 2044

Ion	Ratio	Lower	Upper
95	100		
97	57.2	46.5	86.5
132	105.3	65.1	120.9
130	98.4	67.3	124.9

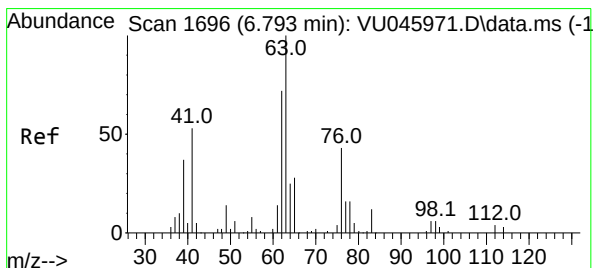
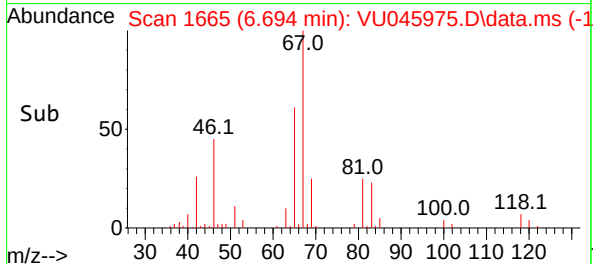
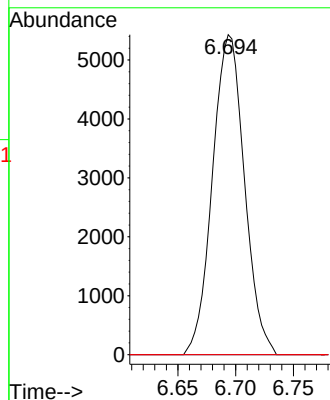
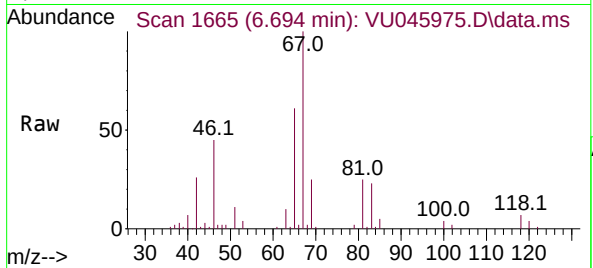




#35
Methylcyclohexane
Concen: 1.010 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045975.D
Acq: 23 Nov 2021 23:23

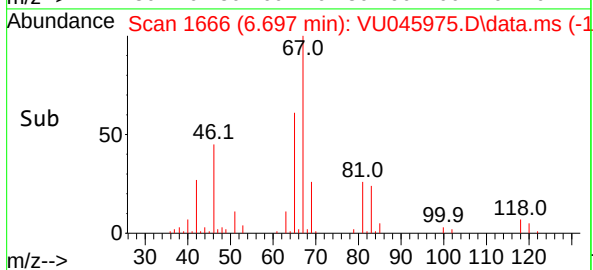
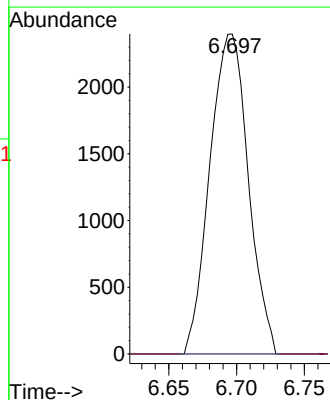
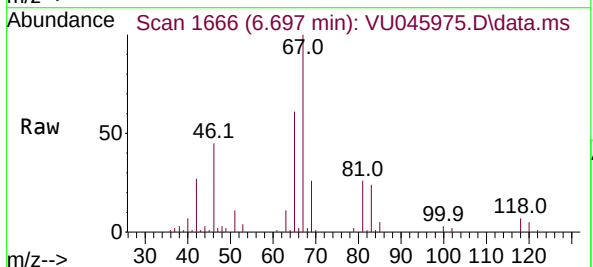
Instrument :
MSVOA_U
ClientSampleId :

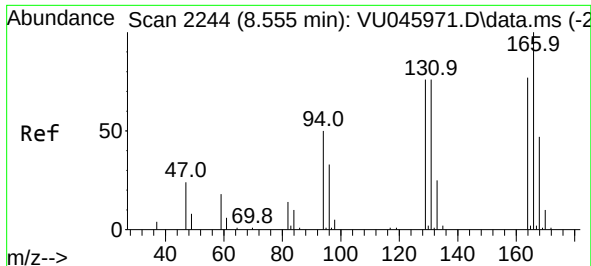
Tgt Ion: 83 Resp: 10455
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 6.6 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.688 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.096 min
Lab File: VU045975.D
Acq: 23 Nov 2021 23:23

Tgt Ion: 63 Resp: 4733
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 0.637 ug/L

RT: 8.558 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045975.D

Acq: 23 Nov 2021 23:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 3003

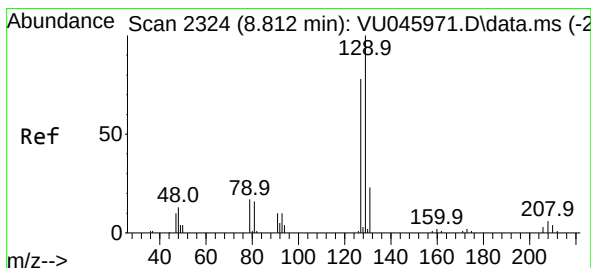
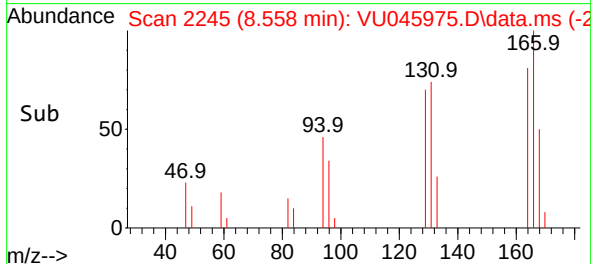
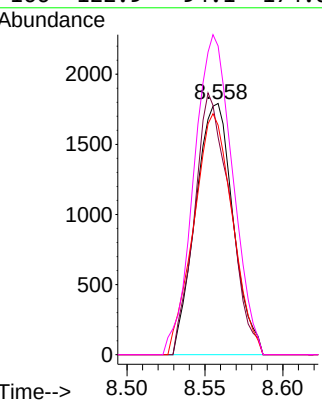
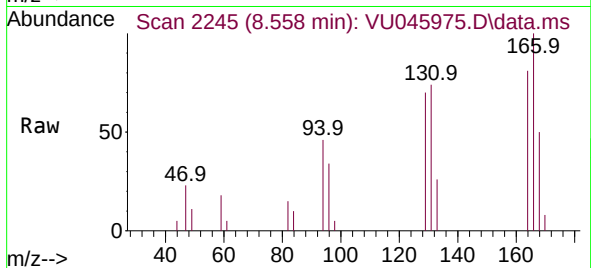
Ion Ratio Lower Upper

164 100

129 86.6 71.8 133.4

131 91.3 68.5 127.3

166 122.9 94.1 174.8



#49

Dibromochloromethane

Concen: 0.509 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.260 min

Lab File: VU045975.D

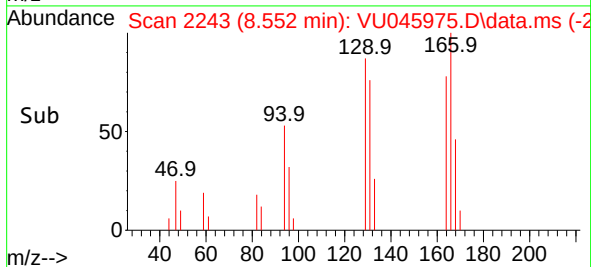
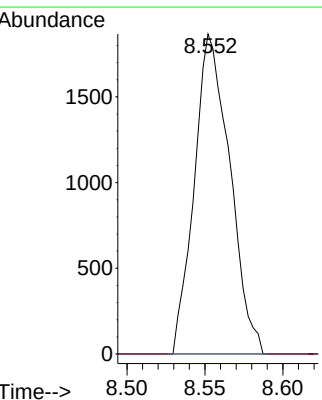
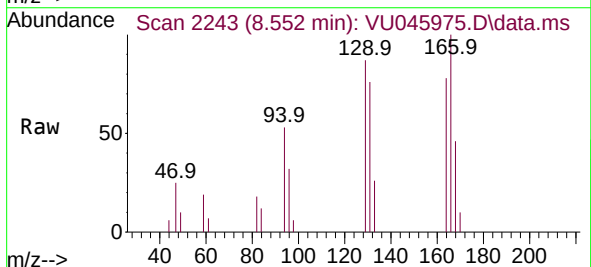
Acq: 23 Nov 2021 23:23

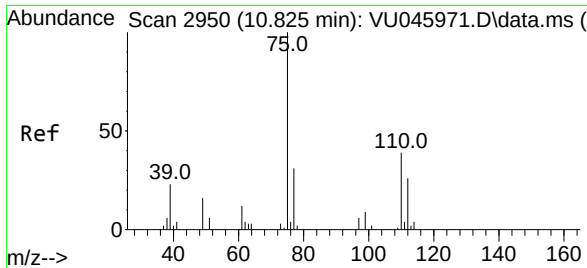
Tgt Ion:129 Resp: 2960

Ion Ratio Lower Upper

129 100

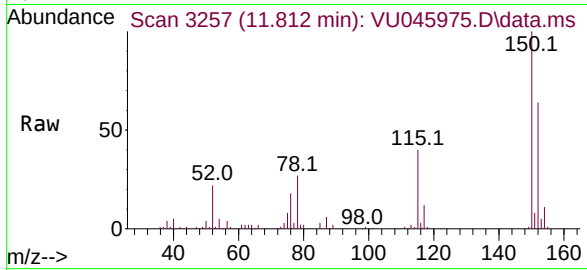
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.215 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045975.D
 Acq: 23 Nov 2021 23:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5571
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 31.6 25.5 38.3

