

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045974.D
 Acq On : 23 Nov 2021 22:59
 Operator : SY/MD
 Sample : M4722-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 02:08:56 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	98629	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47950	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	17216	2.203	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.000%
7) Chloroethane-d5	1.919	69	26320	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.572	65	12010	3.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.649	46	134283	64.124	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.240%
24) Chloroform-d	5.067	84	65739	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.707	65	40229	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.732	84	135471	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.694	67	44606	5.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.899	98	114697	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.182	79	13112	3.796	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.636	63	99661	64.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41201	5.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	47369	5.753	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%

Target Compounds

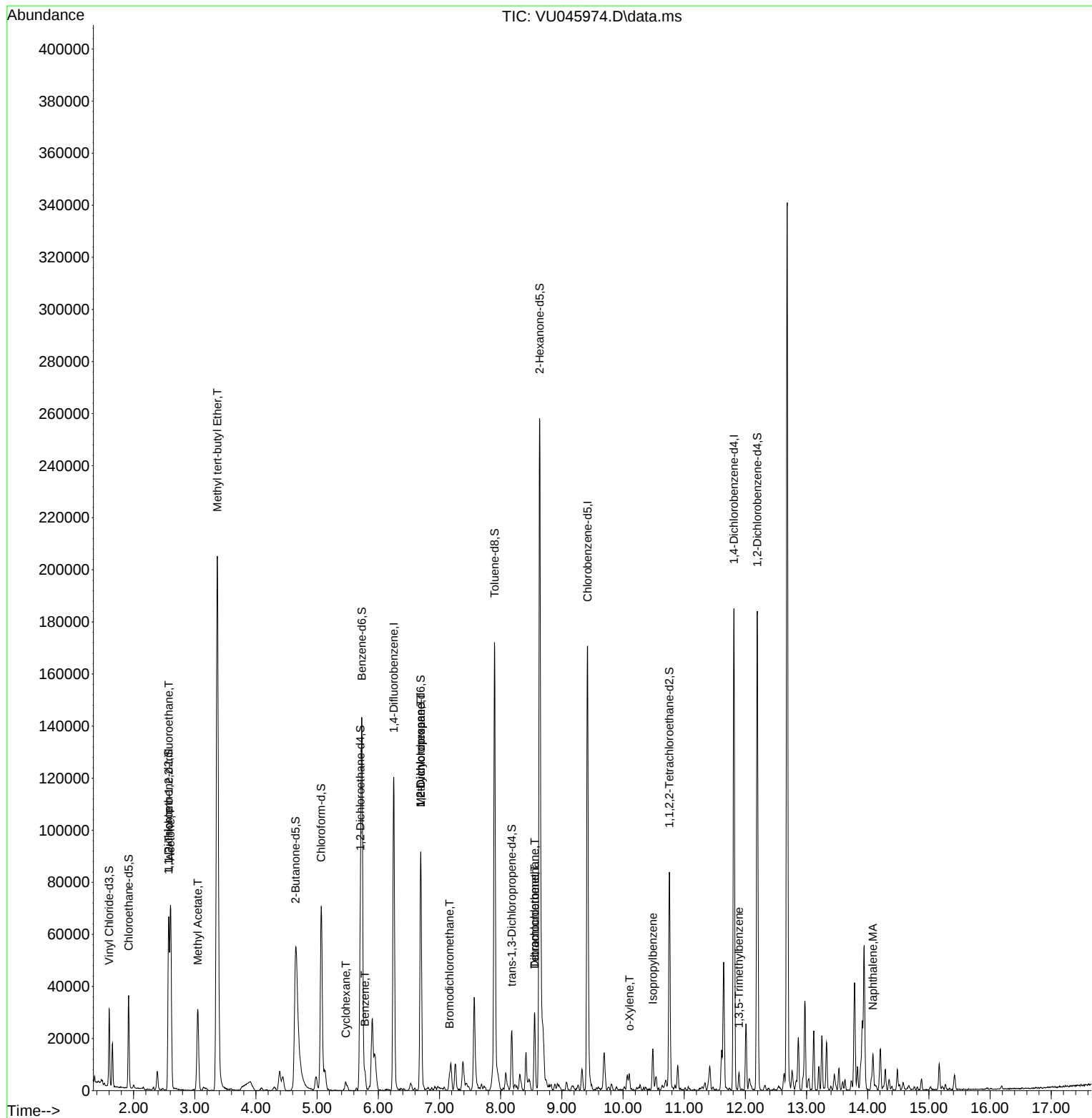
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	362	0.056	ug/L #	21
13) Acetone	2.604	43	24565	19.930	ug/L	50
15) Methyl Acetate	3.051	43	20645	6.827	ug/L #	51
17) Methyl tert-butyl Ether	3.369	73	250195	15.741	ug/L	99
30) Cyclohexane	5.469	56	1518	0.144	ug/L #	19
33) Benzene	5.781	78	4707	0.172	ug/L	100
35) Methylcyclohexane	6.694	83	10658	0.984	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4753	0.660	ug/L #	88
38) Bromodichloromethane	7.166	83	1198	0.135	ug/L #	25
47) Tetrachloroethene	8.555	164	6436	1.304	ug/L	96
49) Dibromochloromethane	8.555	129	6330	1.040	ug/L #	10
54) o-Xylene	10.105	106	1582	0.145	ug/L	80
60) Isopropylbenzene	10.488	105	9663	0.343	ug/L	98
62) 1,3,5-Trimethylbenzene	11.896	105	4202	0.183	ug/L	87
71) Naphthalene	14.086	128	11247	0.659	ug/L #	96

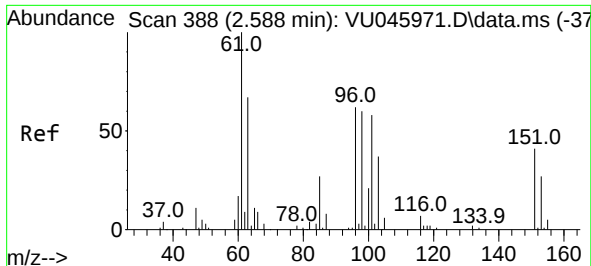
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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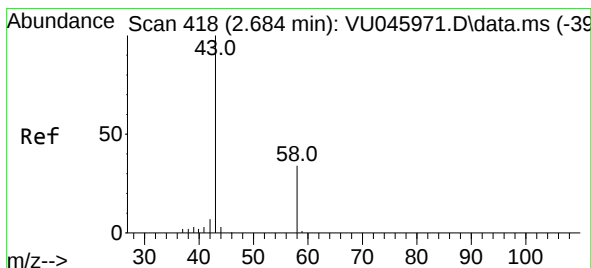
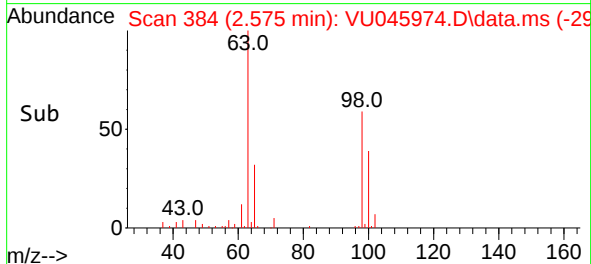
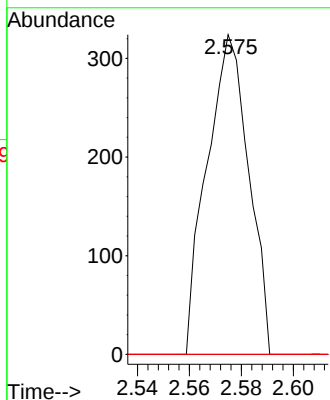
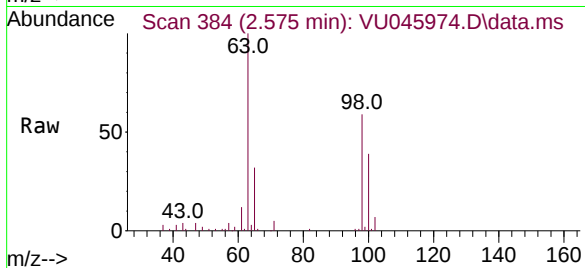




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.056 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU045974.D
 Acq: 23 Nov 2021 22:59

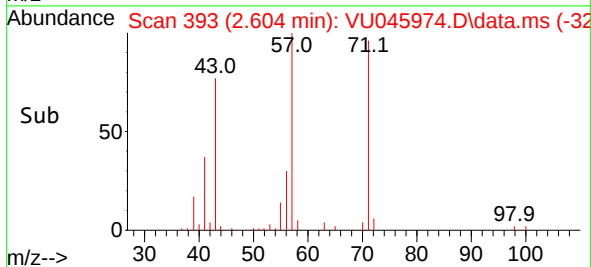
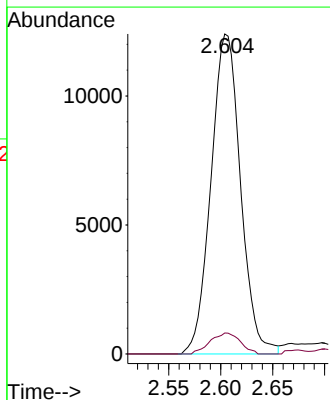
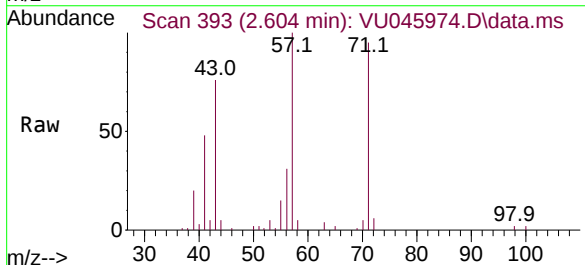
Instrument :
 MSVOA_U
 ClientSampleId :

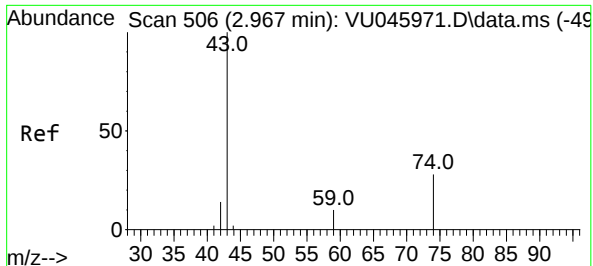
Tgt Ion:101 Resp: 362
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#13
 Acetone
 Concen: 19.930 ug/L
 RT: 2.604 min Scan# 393
 Delta R.T. -0.080 min
 Lab File: VU045974.D
 Acq: 23 Nov 2021 22:59

Tgt Ion: 43 Resp: 24565
 Ion Ratio Lower Upper
 43 100
 58 6.7 0.0 71.6

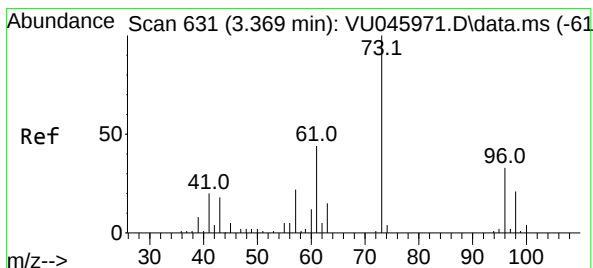
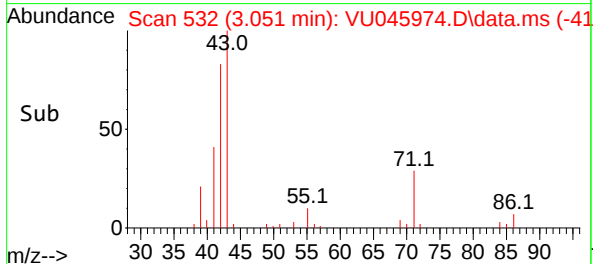
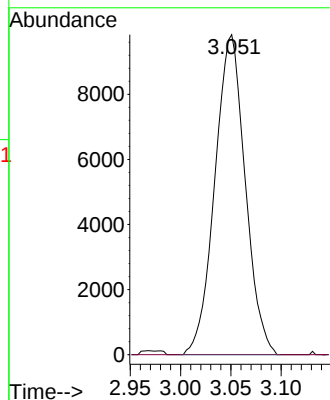
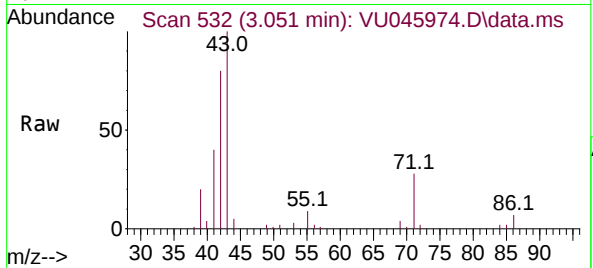




#15
Methyl Acetate
Concen: 6.827 ug/L
RT: 3.051 min Scan# 51
Delta R.T. 0.084 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

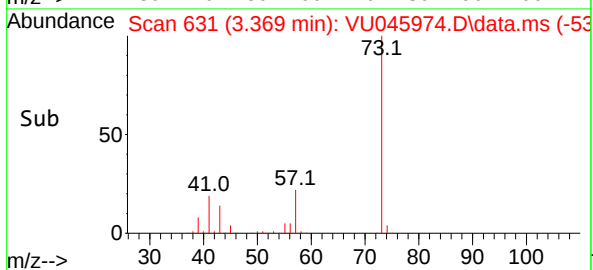
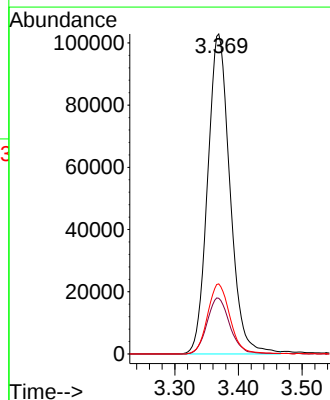
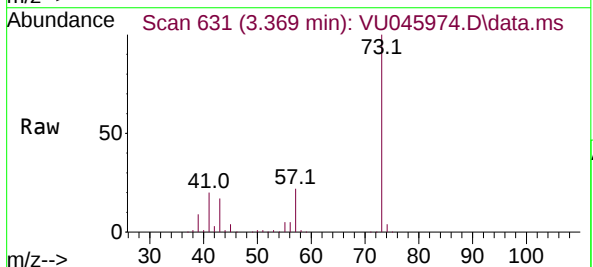
Instrument :
MSVOA_U
ClientSampleId :

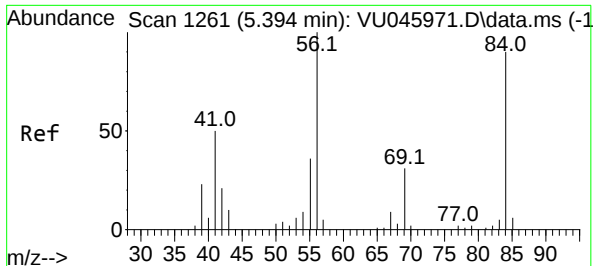
Tgt Ion: 43 Resp: 20645
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#17
Methyl tert-butyl Ether
Concen: 15.741 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

Tgt Ion: 73 Resp: 250195
Ion Ratio Lower Upper
73 100
43 17.9 14.8 22.2
57 22.0 17.4 26.0

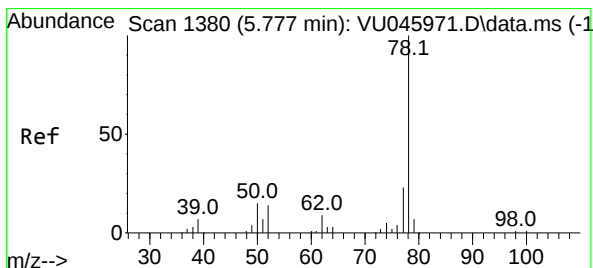
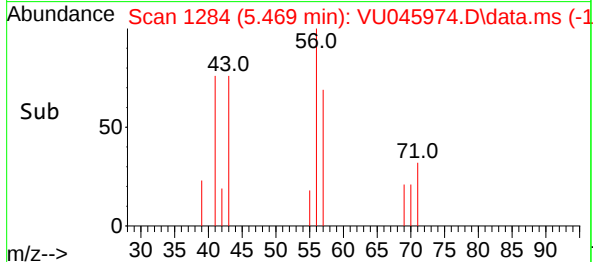
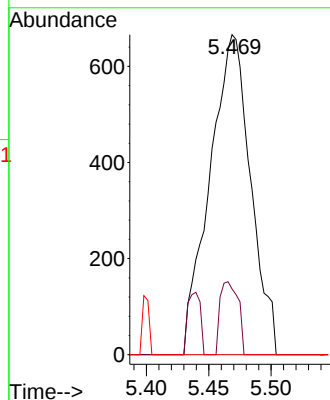
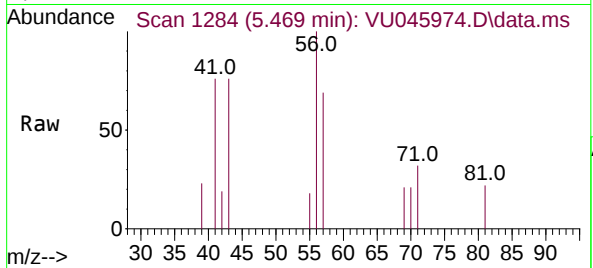




#30
Cyclohexane
Concen: 0.144 ug/L
RT: 5.469 min Scan# 11
Delta R.T. 0.074 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

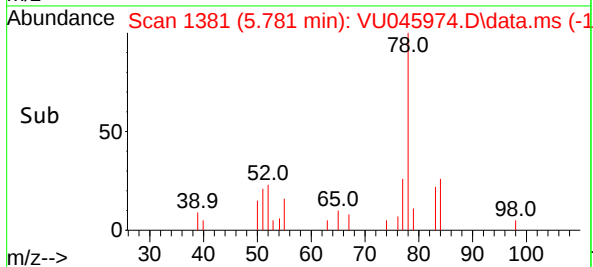
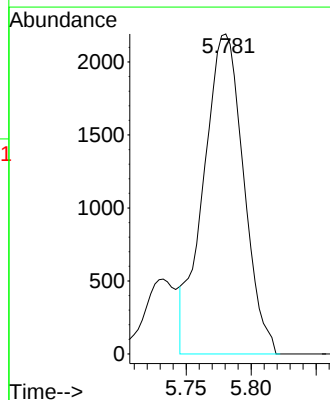
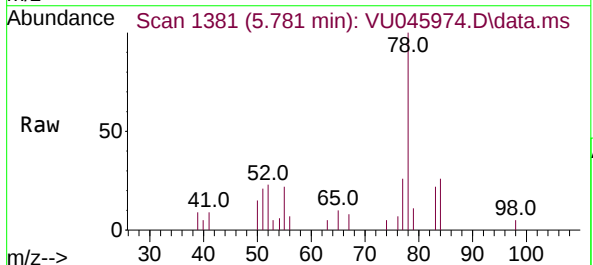
Instrument :
MSVOA_U
ClientSampleId :

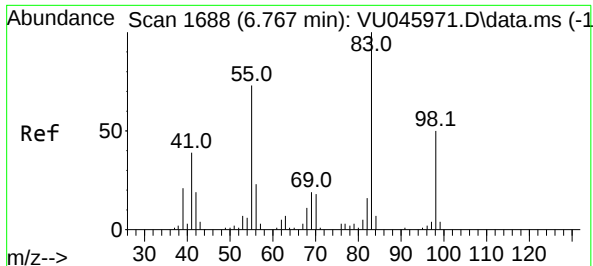
Tgt Ion: 56 Resp: 1518
Ion Ratio Lower Upper
56 100
69 10.1 24.7 37.1#
84 0.0 71.8 107.6#



#33
Benzene
Concen: 0.172 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

Tgt Ion: 78 Resp: 4707

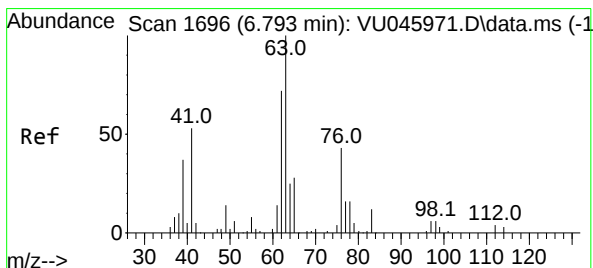
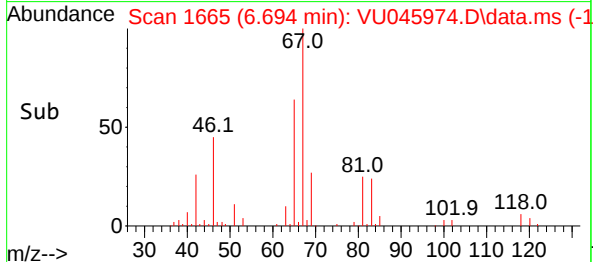
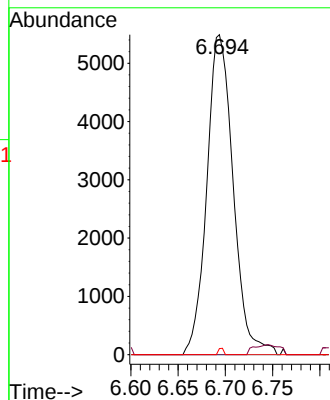
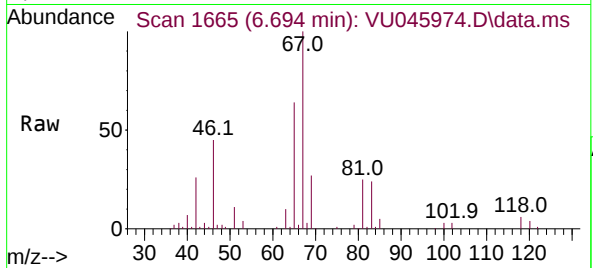




#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

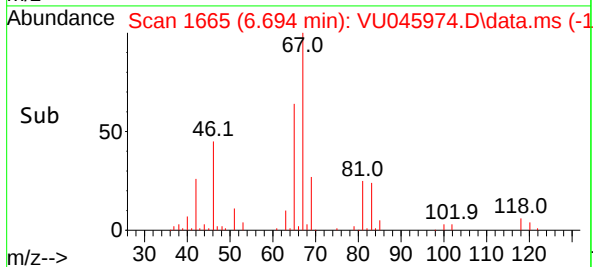
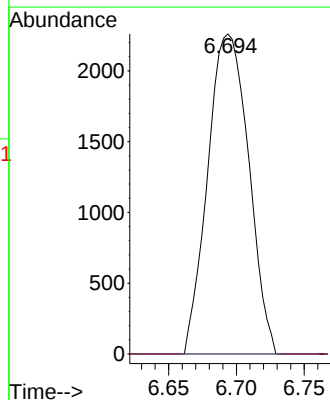
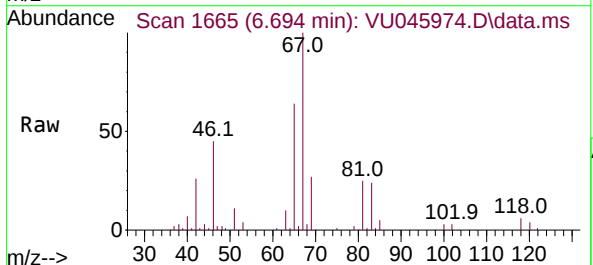
Instrument :
MSVOA_U
ClientSampleId :

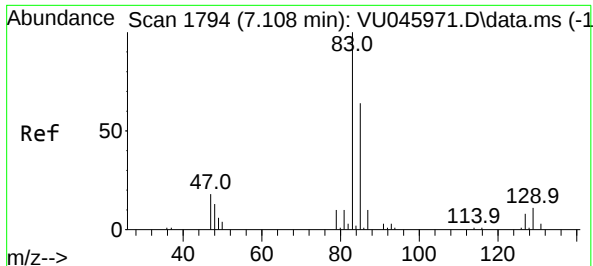
Tgt Ion: 83 Resp: 10658
Ion Ratio Lower Upper
83 100
55 3.0 61.9 92.9#
98 0.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

Tgt Ion: 63 Resp: 4753
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#38

Bromodichloromethane

Concen: 0.135 ug/L

RT: 7.166 min Scan# 11

Delta R.T. 0.058 min

Lab File: VU045974.D

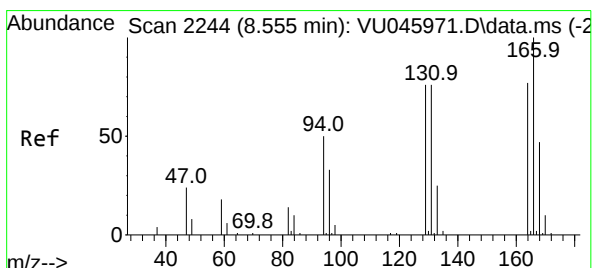
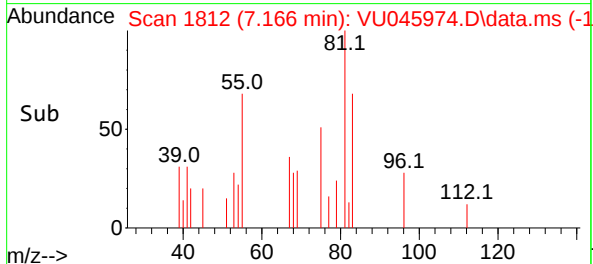
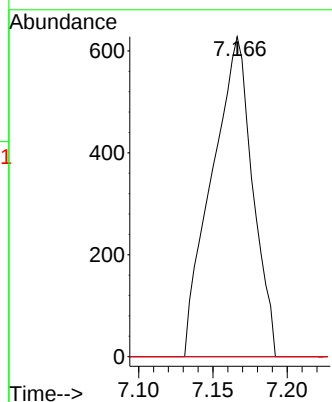
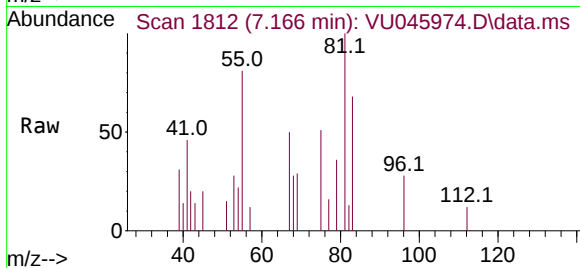
Acq: 23 Nov 2021 22:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	1198
Ion Ratio	Lower	Upper
83	100	
85	0.0	44.0
127	0.0	6.3



#47

Tetrachloroethene

Concen: 1.304 ug/L

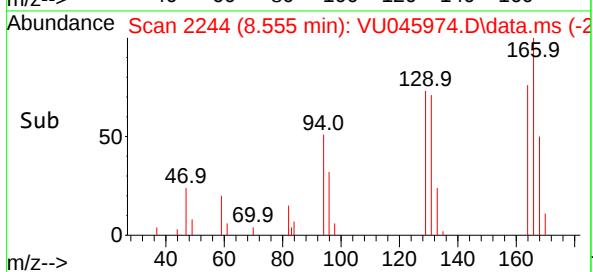
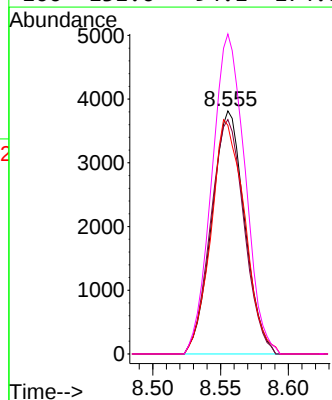
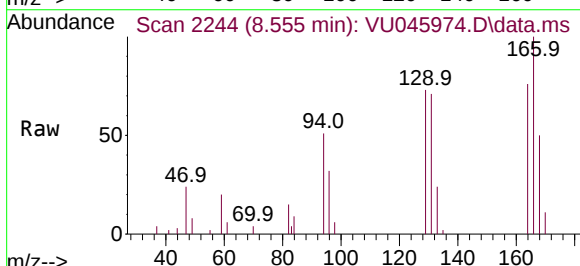
RT: 8.555 min Scan# 2244

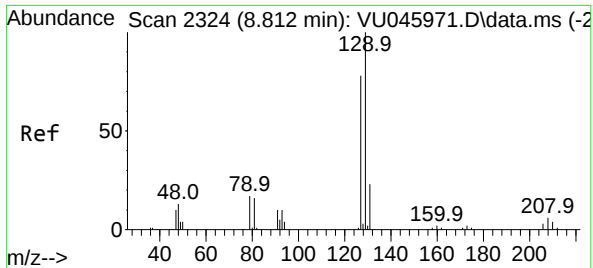
Delta R.T. 0.000 min

Lab File: VU045974.D

Acq: 23 Nov 2021 22:59

Tgt Ion: 164	Resp:	6436
Ion Ratio	Lower	Upper
164	100	
129	96.4	71.8
131	94.1	68.5
166	131.6	94.1

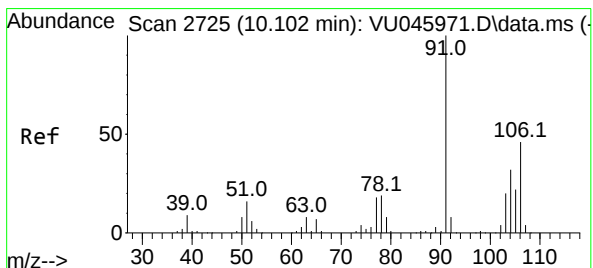
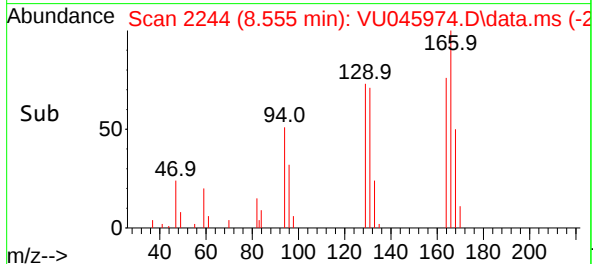
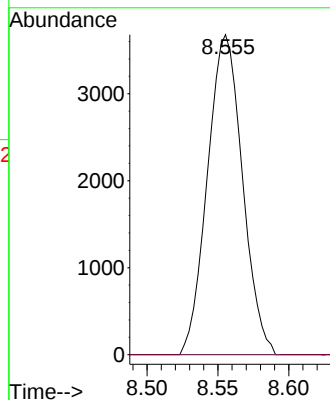
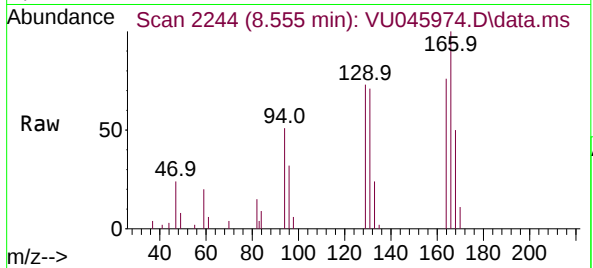




#49
Dibromochloromethane
Concen: 1.040 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

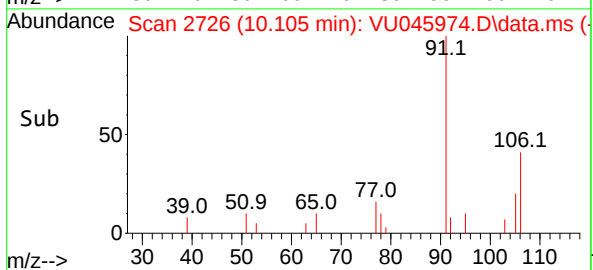
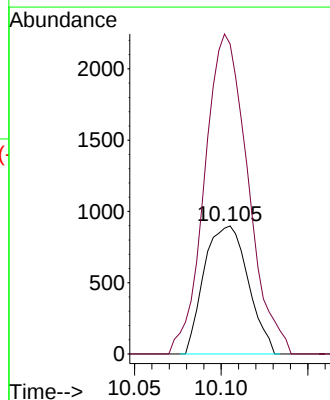
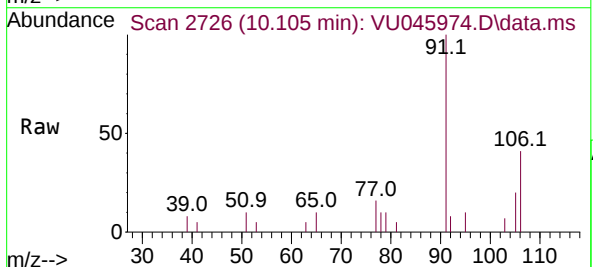
Instrument :
MSVOA_U
ClientSampleId :

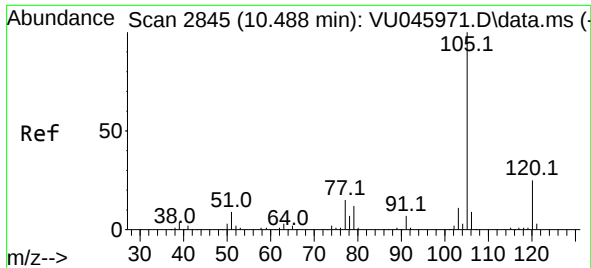
Tgt Ion:129 Resp: 6330
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#54
o-Xylene
Concen: 0.145 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

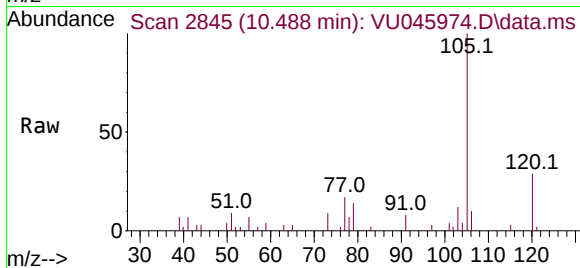
Tgt Ion:106 Resp: 1582
Ion Ratio Lower Upper
106 100
91 242.1 147.5 273.9



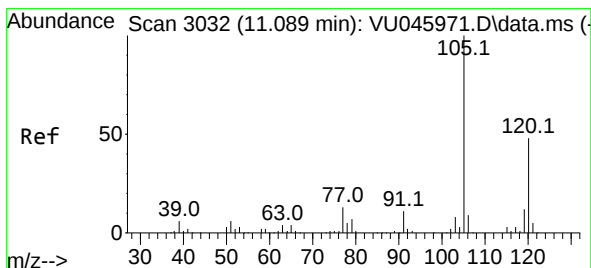
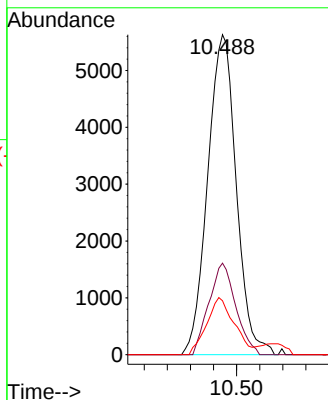
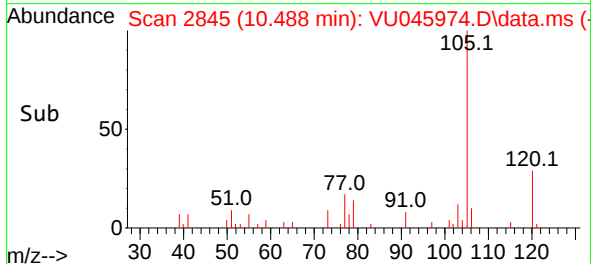


#60
Isopropylbenzene
Concen: 0.343 ug/L
RT: 10.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

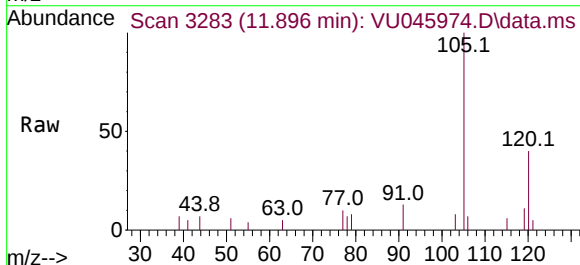
Instrument :
MSVOA_U
ClientSampleId :



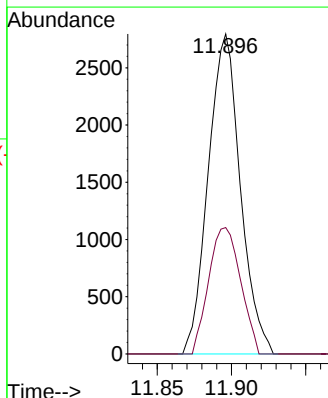
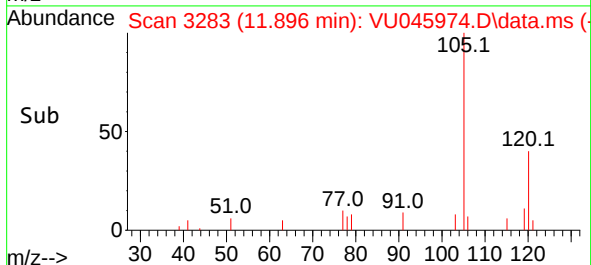
Tgt Ion:105 Resp: 9663
Ion Ratio Lower Upper
105 100
120 26.8 20.7 31.1
77 17.2 12.6 19.0

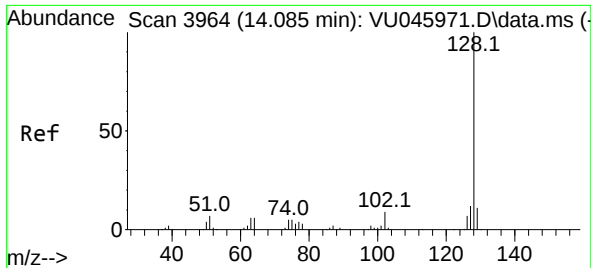


#62
1,3,5-Trimethylbenzene
Concen: 0.183 ug/L
RT: 11.896 min Scan# 3283
Delta R.T. 0.807 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59



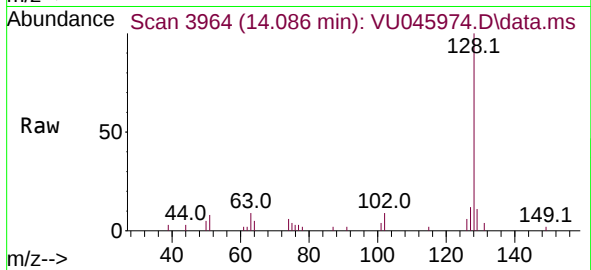
Tgt Ion:105 Resp: 4202
Ion Ratio Lower Upper
105 100
120 39.1 38.3 57.5





#71
Naphthalene
Concen: 0.659 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU045974.D
Acq: 23 Nov 2021 22:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 11247
Ion Ratio Lower Upper
128 100
129 12.9 8.4 12.6#
127 13.5 10.2 15.2

