

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051675.D
 Acq On : 02 Nov 2022 00:53
 Operator : JC/MD
 Sample : N5320-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 04:08:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 03:06:15 2022
 Response via : Initial Calibration

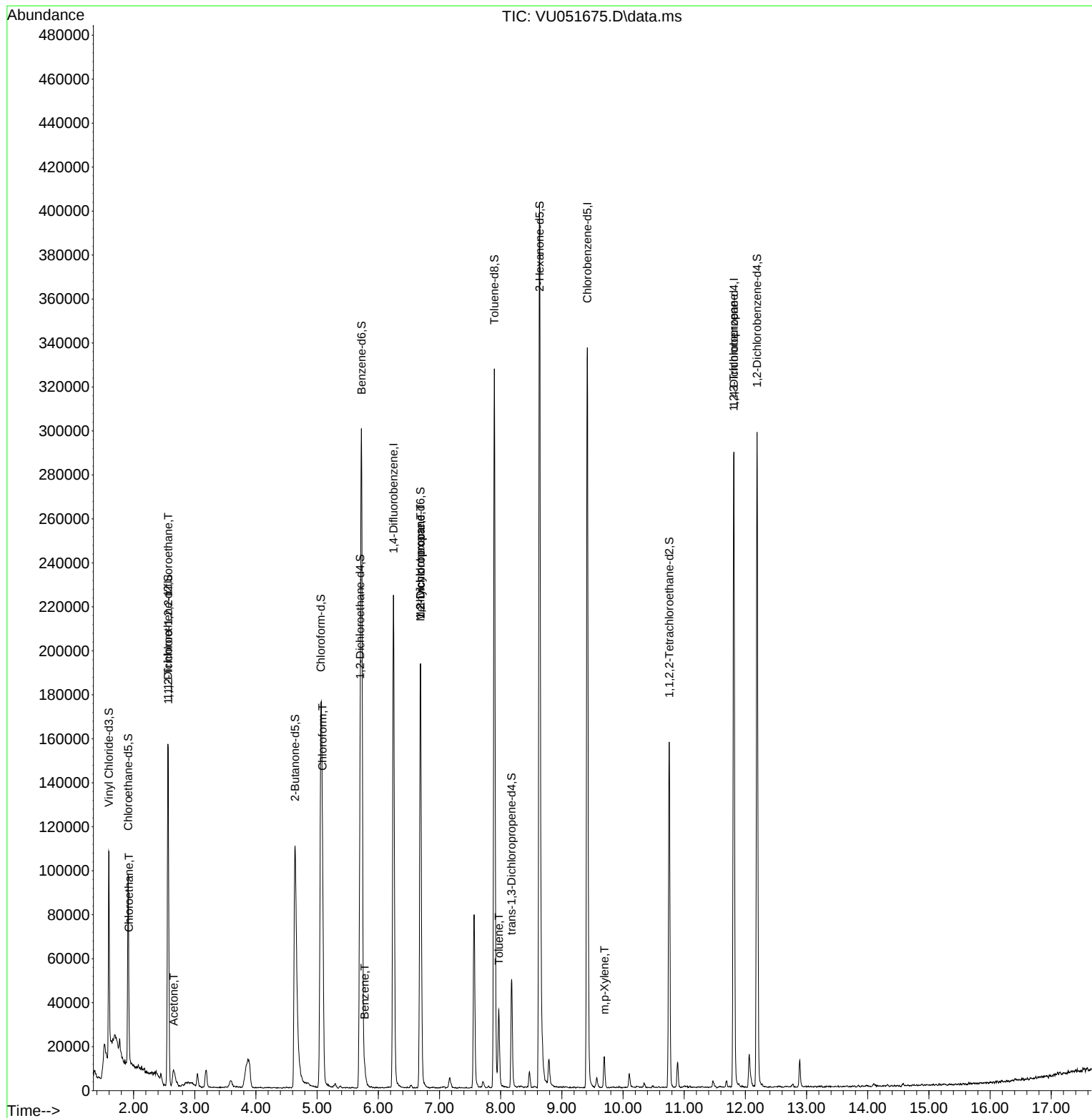
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	186083	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	195960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	71586	5.108	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.200%		
7) Chloroethane-d5	1.912	69	66161	4.526	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 90.600%		
11) 1,1-Dichloroethene-d2	2.562	65	29359	5.772	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 115.400%		
20) 2-Butanone-d5	4.639	46	185782	36.603	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 73.200%		
24) Chloroform-d	5.060	84	149328	4.553	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 91.000%		
26) 1,2-Dichloroethane-d4	5.703	65	75457	4.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 85.200%		
32) Benzene-d6	5.726	84	292739	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.600%		
36) 1,2-Dichloropropane-d6	6.690	67	96746	4.474	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 89.400%		
41) Toluene-d8	7.896	98	227471	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.600%		
43) trans-1,3-Dichloroprop...	8.179	79	29614	4.479	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.600%		
46) 2-Hexanone-d5	8.636	63	140803	35.376	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 70.760%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	82316	4.154	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 83.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	82433	5.460	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 109.200%		
Target Compounds						Qvalue
8) Chloroethane	1.922	64	1269	0.085	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	907	0.057	ug/L #	19
13) Acetone	2.655	43	15071	5.852	ug/L	98
25) Chloroform	5.086	83	75074	2.260	ug/L	100
33) Benzene	5.777	78	6948	0.090	ug/L	100
35) Methylcyclohexane	6.687	83	22295	0.864	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10239	0.515	ug/L #	88
42) Toluene	7.970	91	26120	0.329	ug/L	99
53) m,p-Xylene	9.697	106	4364	0.147	ug/L	88
61) 1,2,3-Trichloropropane	11.809	75	9714	0.913	ug/L #	67

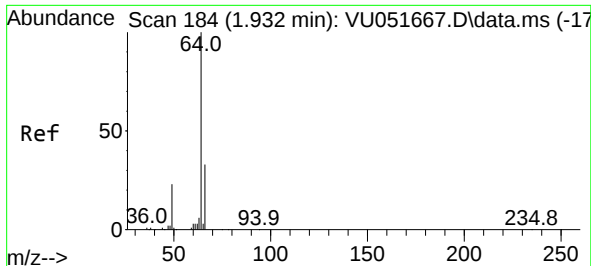
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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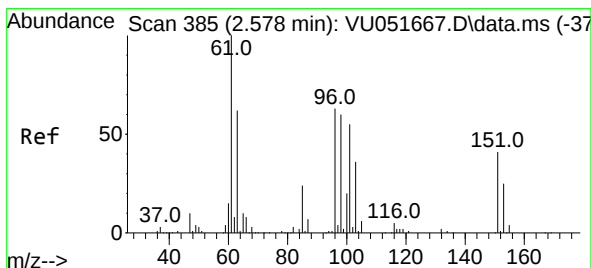
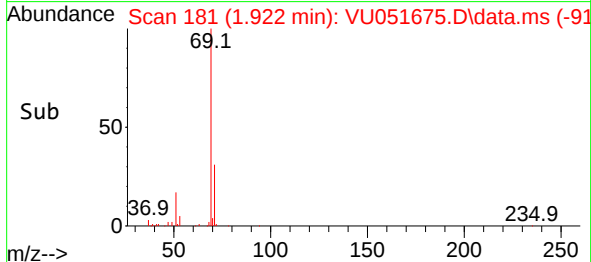
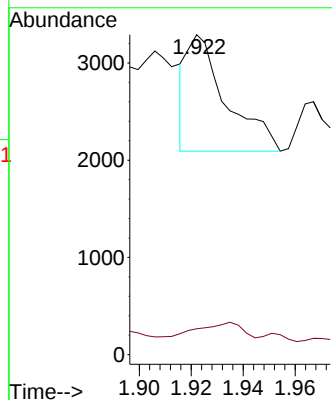
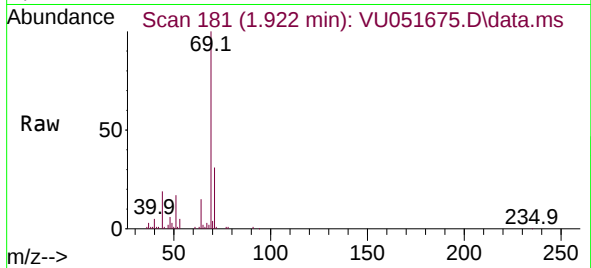




#8
Chloroethane
Concen: 0.085 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU051675.D
Acq: 02 Nov 2022 00:53

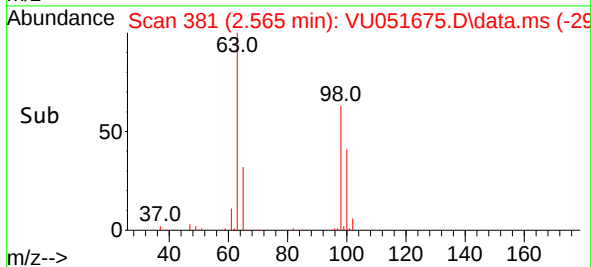
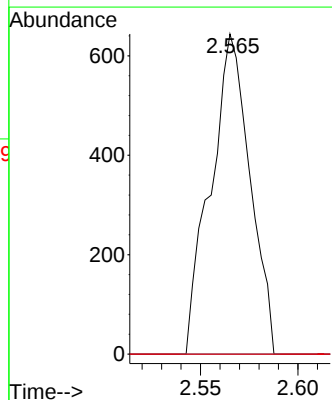
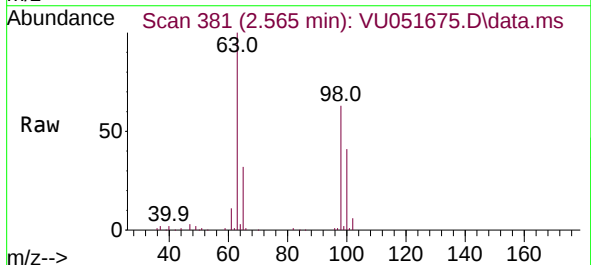
Instrument :
MSVOA_U
ClientSampleId :

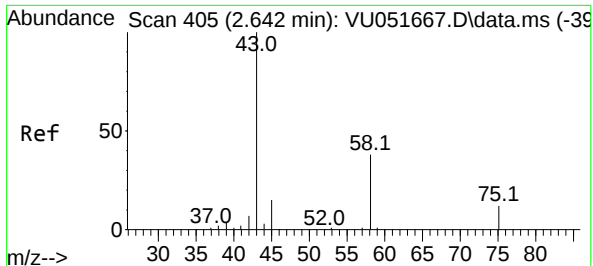
Tgt Ion: 64 Resp: 1269
Ion Ratio Lower Upper
64 100
66 8.1 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051675.D
Acq: 02 Nov 2022 00:53

Tgt Ion: 101 Resp: 907
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#

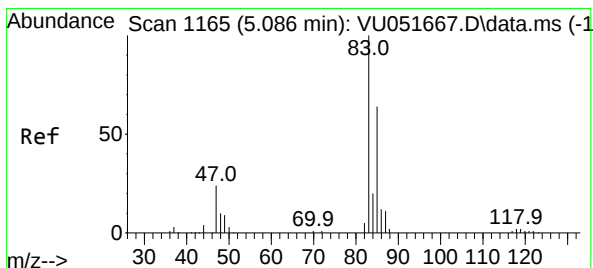
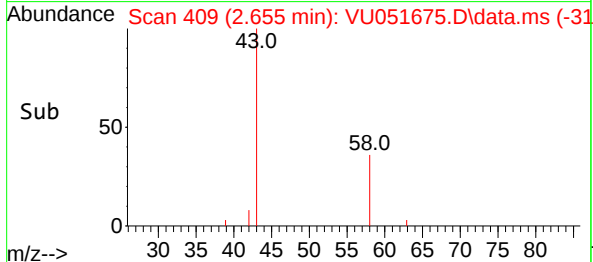
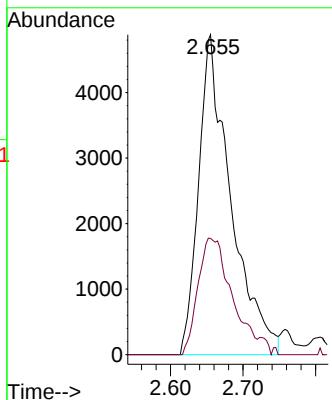
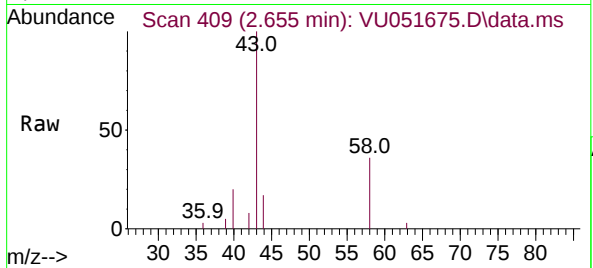




#13
Acetone
Concen: 5.852 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.013 min
Lab File: VU051675.D
Acq: 02 Nov 2022 00:53

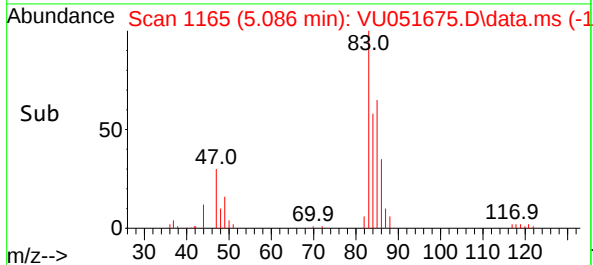
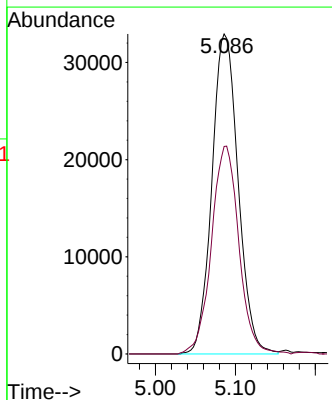
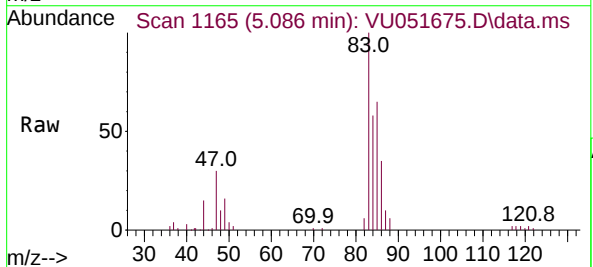
Instrument :
MSVOA_U
ClientSampleId :

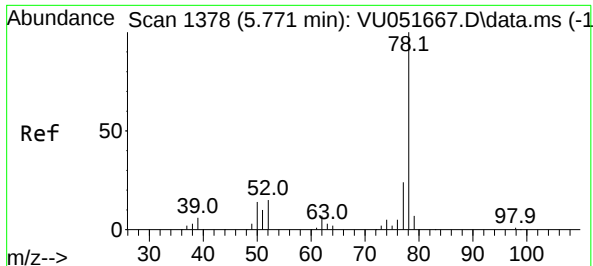
Tgt Ion: 43 Resp: 15071
Ion Ratio Lower Upper
43 100
58 38.0 0.0 73.8



#25
Chloroform
Concen: 2.260 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU051675.D
Acq: 02 Nov 2022 00:53

Tgt Ion: 83 Resp: 75074
Ion Ratio Lower Upper
83 100
85 64.9 45.2 84.0

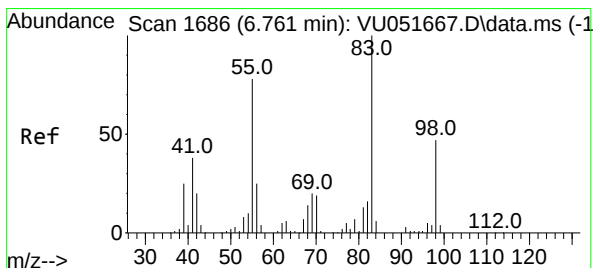
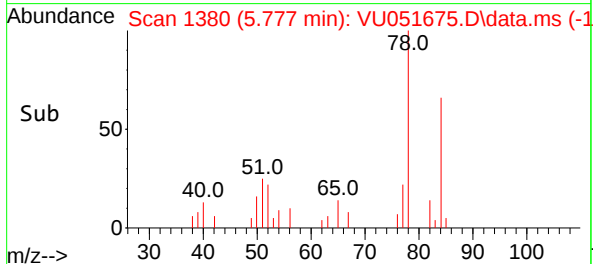
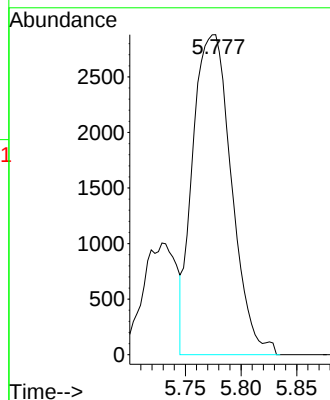
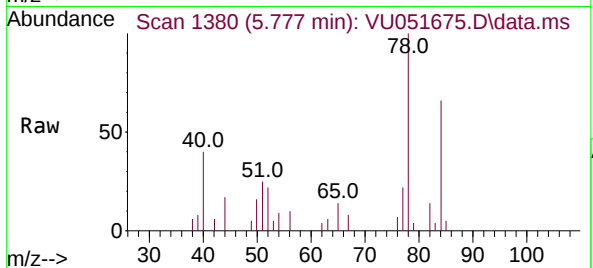




#33
Benzene
Concen: 0.090 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051675.D
Acq: 02 Nov 2022 00:53

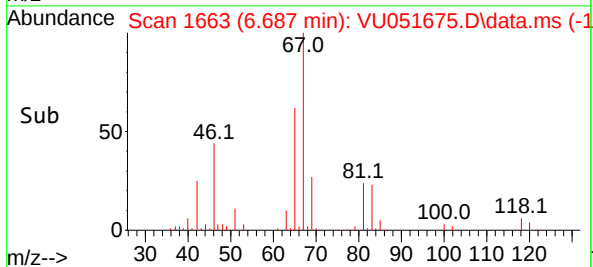
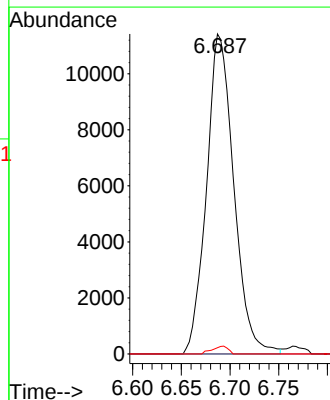
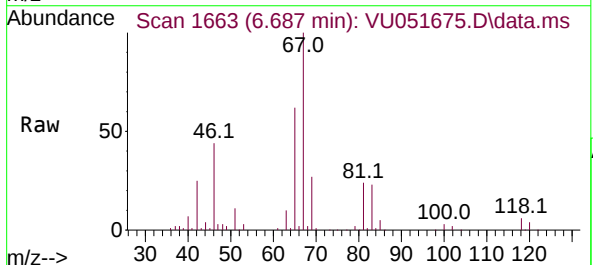
Instrument :
MSVOA_U
ClientSampleId :

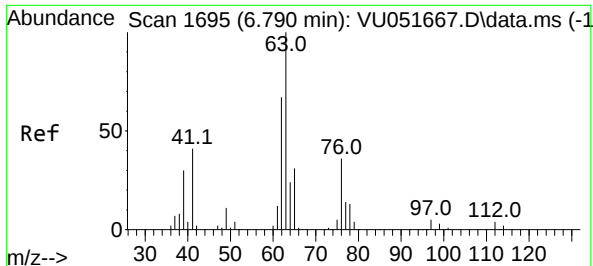
Tgt Ion: 78 Resp: 6948



#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051675.D
Acq: 02 Nov 2022 00:53

Tgt Ion: 83 Resp: 22295
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 1.4 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051675.D

Acq: 02 Nov 2022 00:53

Instrument :

MSVOA_U

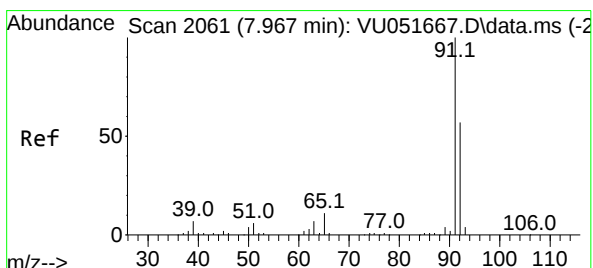
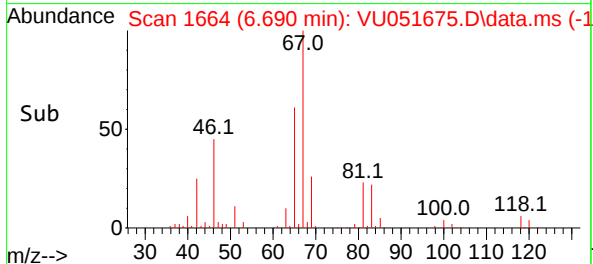
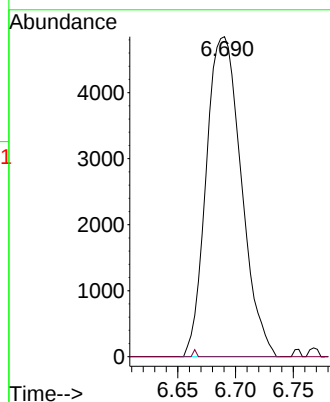
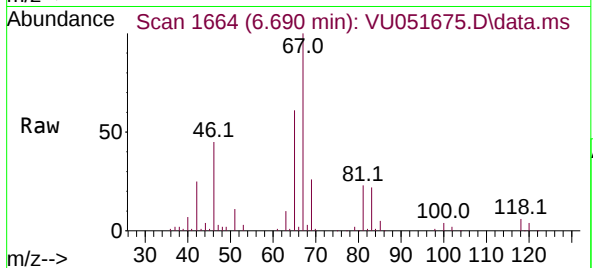
ClientSampleId :

Tgt Ion: 63 Resp: 10239

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#42

Toluene

Concen: 0.329 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU051675.D

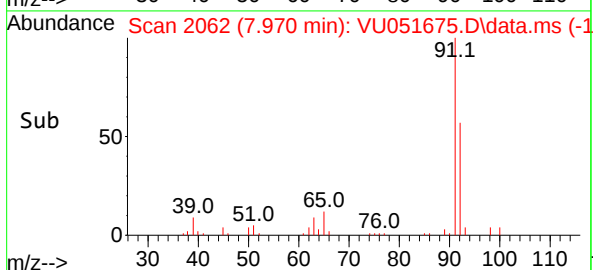
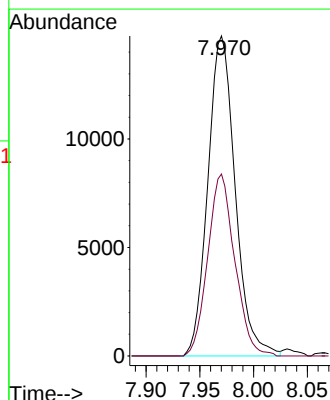
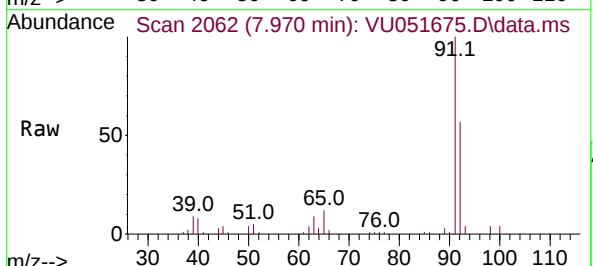
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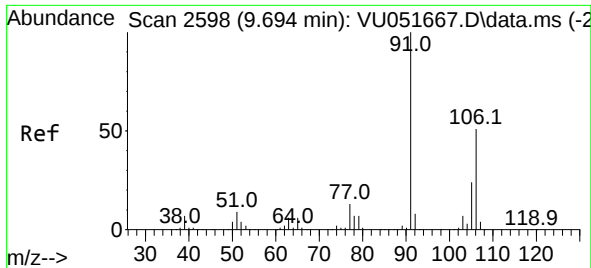
Tgt Ion: 91 Resp: 26120

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.3

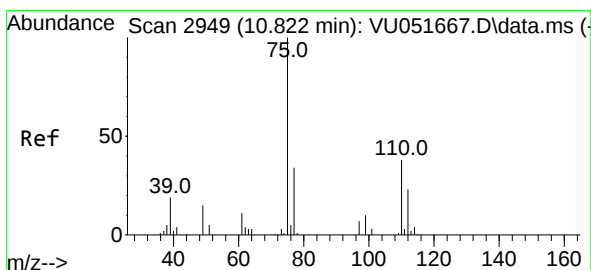
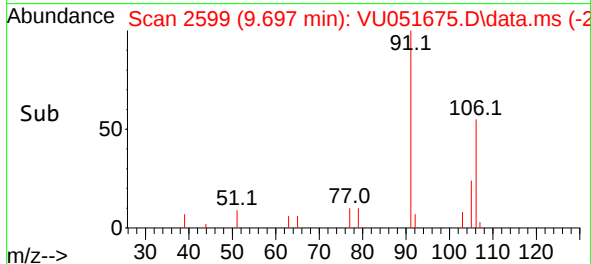
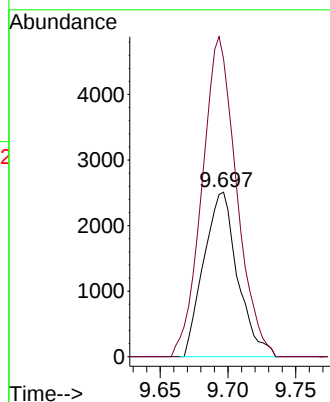
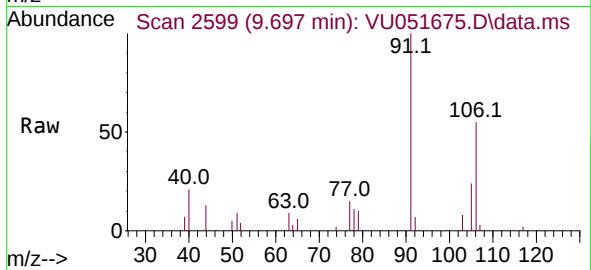




#53
 m,p-Xylene
 Concen: 0.147 ug/L
 RT: 9.697 min Scan# 21
 Delta R.T. 0.003 min
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Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:106 Resp: 4364
 Ion Ratio Lower Upper
 106 100
 91 181.0 139.4 259.0



#61
 1,2,3-Trichloropropane
 Concen: 0.913 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU051675.D
 Acq: 02 Nov 2022 00:53

Tgt Ion: 75 Resp: 9714
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.7 43.1#
 77 29.9 26.1 39.1

