

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045868.D
 Acq On : 18 Nov 2021 15:07
 Operator : SY/MD
 Sample : M4664-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4681

Quant Time: Nov 19 00:54:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

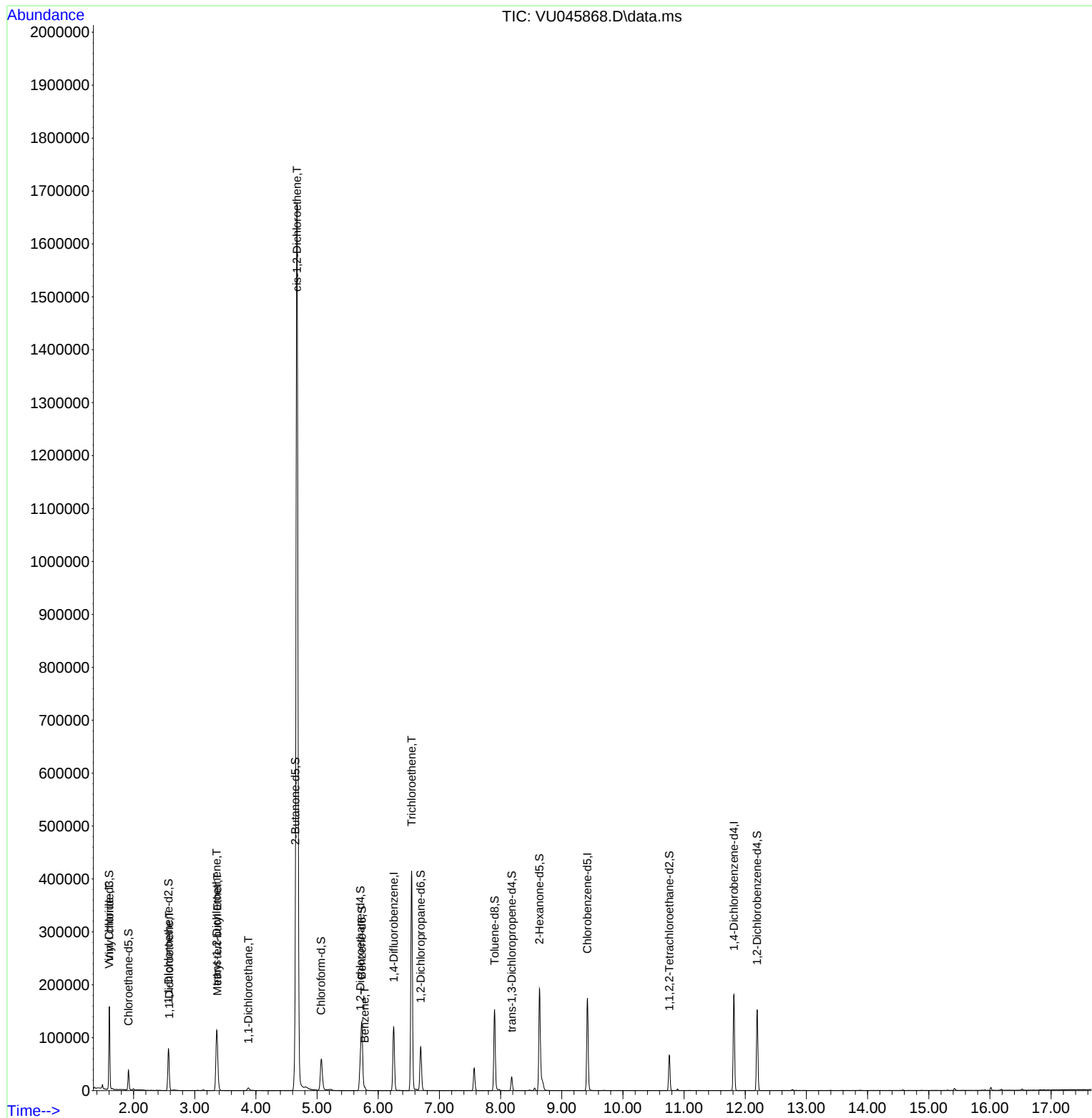
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	46732	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35969	4.691	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.916	69	26850	4.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.571	65	15244	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.645	46	105385	51.288	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.580%
24) Chloroform-d	5.067	84	53613	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.706	65	34063	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	121615	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.694	67	39205	4.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.902	98	102398	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.182	79	14824	4.204	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.636	63	67642	42.618	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33714	4.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	39925	4.976	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	68209	8.139	ug/L	99
12) 1,1-Dichloroethene	2.581	96	1493	0.249	ug/L #	1
17) Methyl tert-butyl Ether	3.369	73	44122	2.829	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	33729	5.252	ug/L	96
19) 1,1-Dichloroethane	3.877	63	6010	0.500	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	863584	124.032	ug/L	98
33) Benzene	5.777	78	6964	0.249	ug/L	100
34) Trichloroethene	6.546	95	142087	19.740	ug/L	98

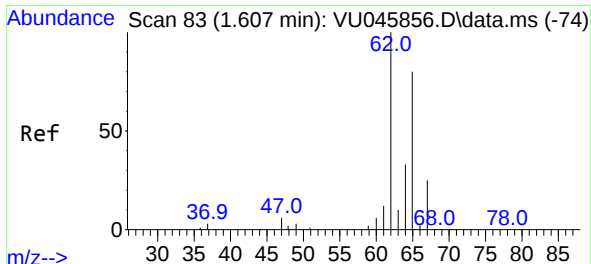
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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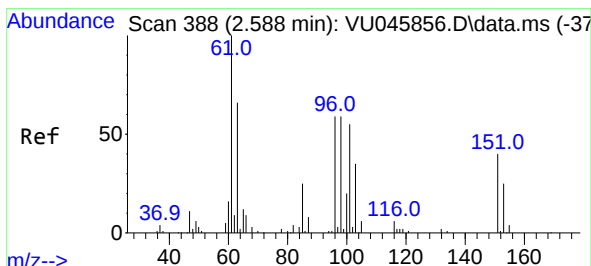
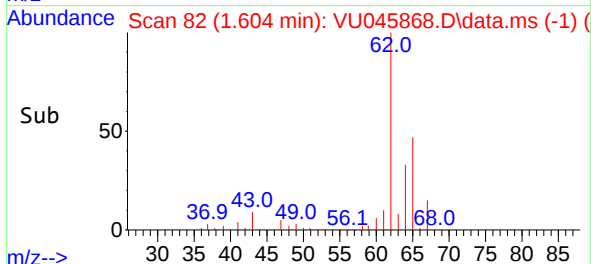
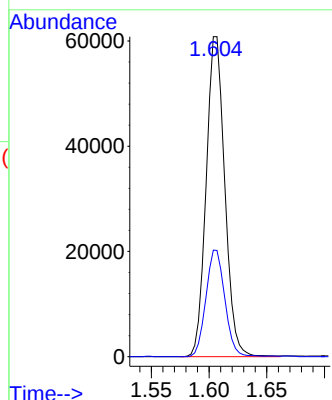
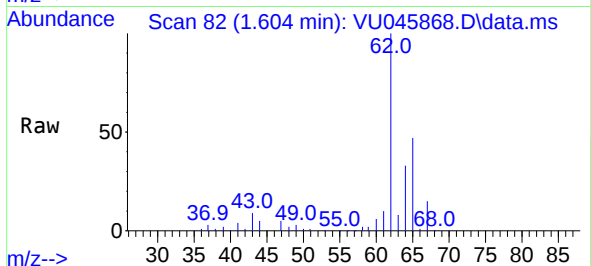




#5
 Vinyl chloride
 Concen: 8.139 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045868.D
 Acq: 18 Nov 2021 15:07

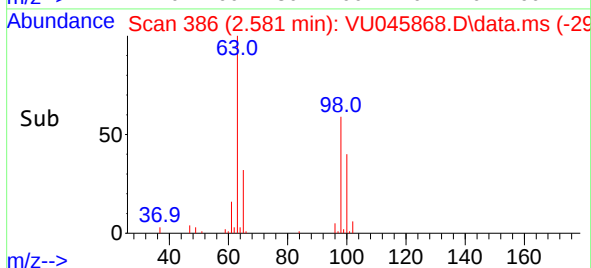
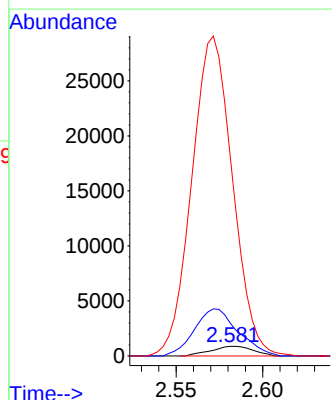
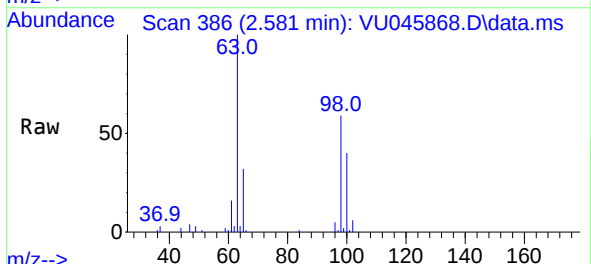
Instrument :
 MSVOA_U
 ClientSampleId :
 H4681

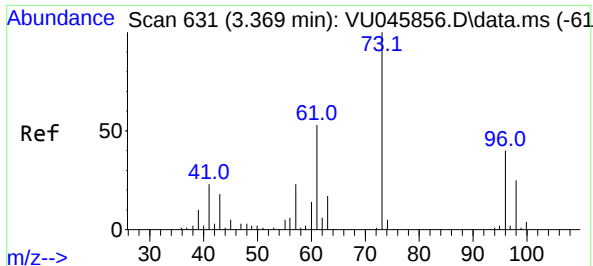
Tgt Ion: 62 Resp: 68209
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 0.249 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU045868.D
 Acq: 18 Nov 2021 15:07

Tgt Ion: 96 Resp: 1493
 Ion Ratio Lower Upper
 96 100
 61 347.6 124.7 231.5#
 63 2110.7 105.2 195.4#

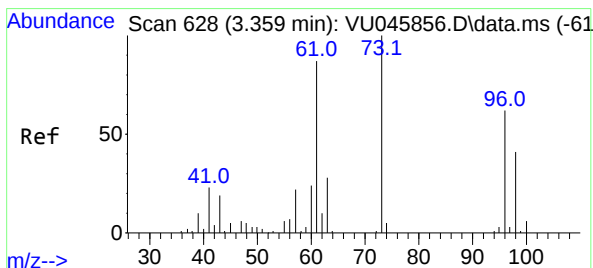
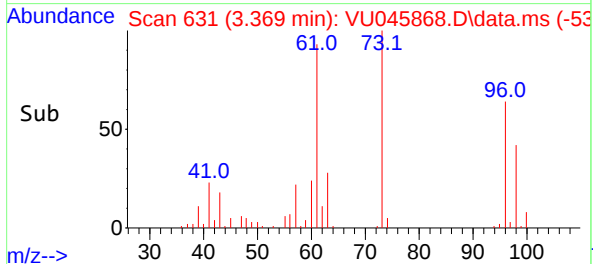
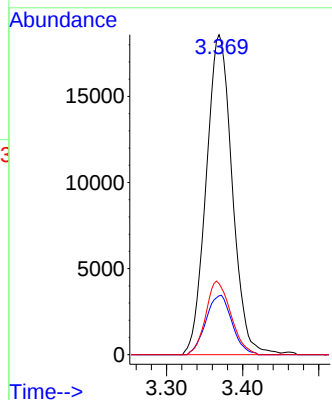
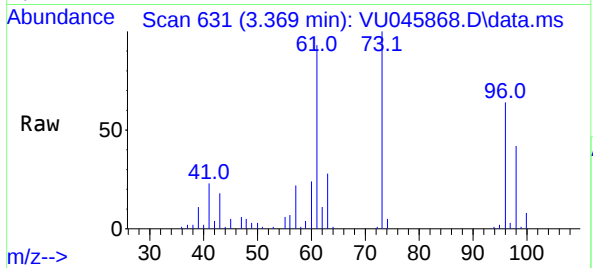




#17
Methyl tert-butyl Ether
Concen: 2.829 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045868.D
Acq: 18 Nov 2021 15:07

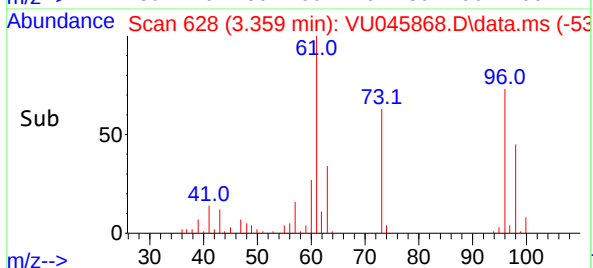
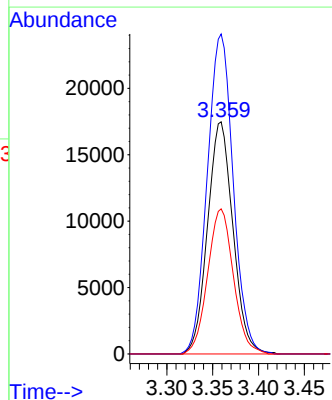
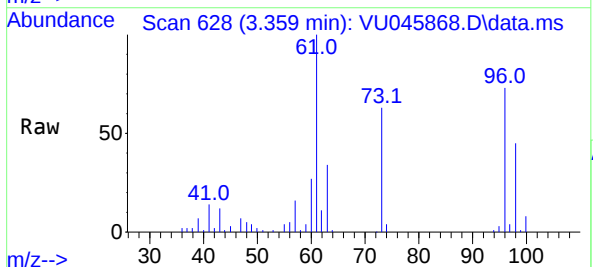
Instrument :
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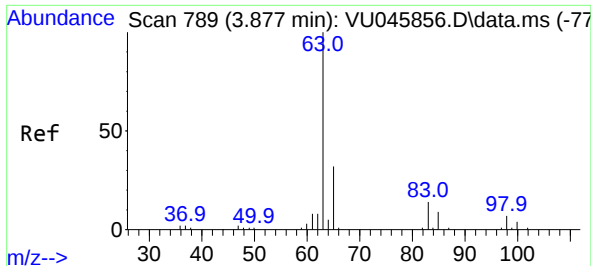
Tgt Ion: 73 Resp: 44122
Ion Ratio Lower Upper
73 100
43 18.7 14.8 22.2
57 22.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.252 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU045868.D
Acq: 18 Nov 2021 15:07

Tgt Ion: 96 Resp: 33729
Ion Ratio Lower Upper
96 100
61 137.8 100.8 187.2
98 62.5 45.1 83.7



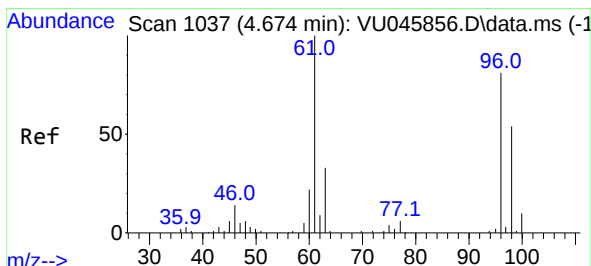
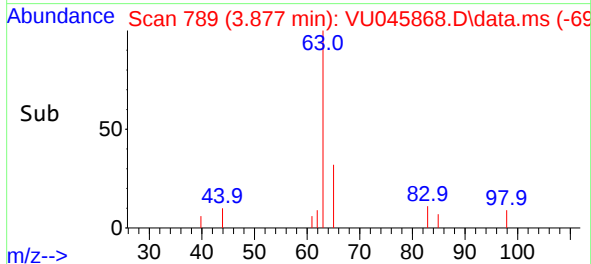
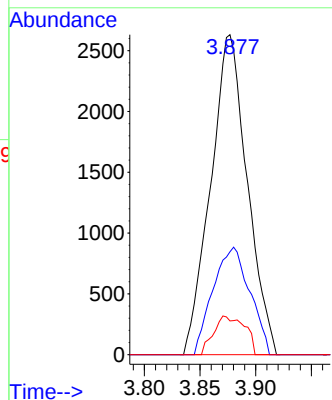
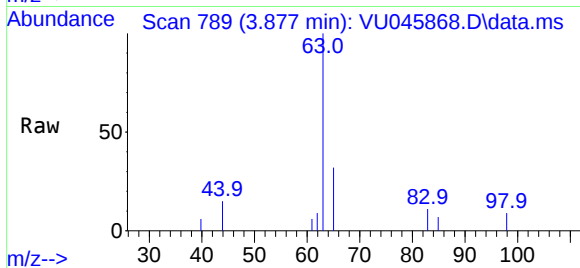


#19
1,1-Dichloroethane
Concen: 0.500 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU045868.D
Acq: 18 Nov 2021 15:07

Instrument :
MSVOA_U
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H4681

Tgt Ion: 63 Resp: 6010

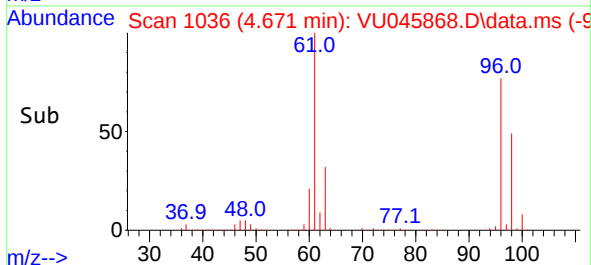
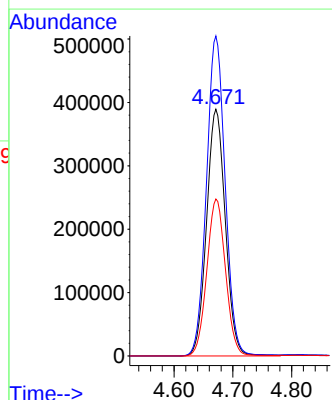
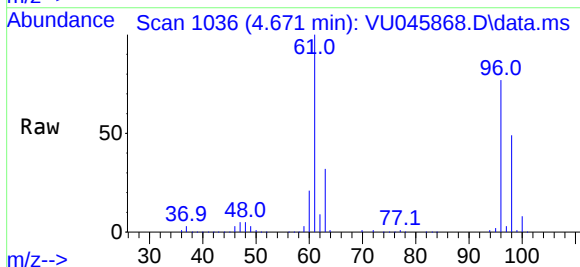
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.3	41.5
83	10.6	9.6	17.8

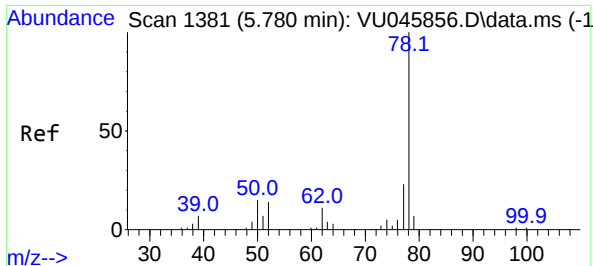


#22
cis-1,2-Dichloroethene
Concen: 124.032 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU045868.D
Acq: 18 Nov 2021 15:07

Tgt Ion: 96 Resp: 863584

Ion	Ratio	Lower	Upper
96	100		
61	129.7	88.5	164.3
98	63.6	44.4	82.5

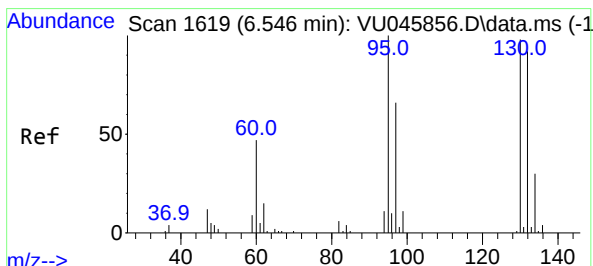
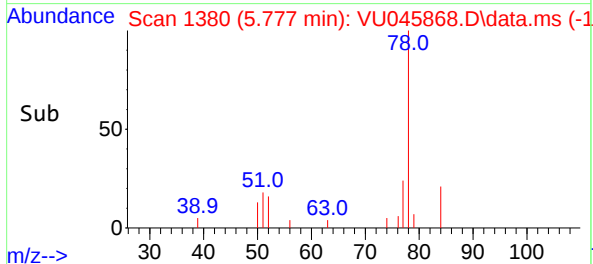
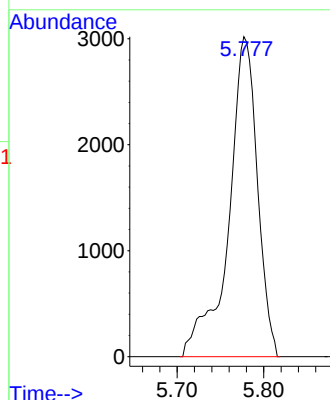
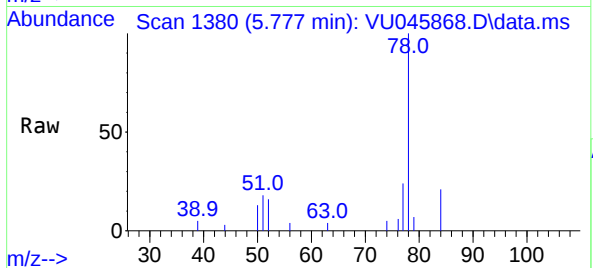




#33
Benzene
Concen: 0.249 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045868.D
Acq: 18 Nov 2021 15:07

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Tgt Ion: 78 Resp: 6964



#34
Trichloroethene
Concen: 19.740 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045868.D
Acq: 18 Nov 2021 15:07

Tgt Ion: 95 Resp: 142087

Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.5	86.5
132	94.7	65.1	120.9
130	97.9	67.3	124.9

