

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045851.D
 Acq On : 17 Nov 2021 19:40
 Operator : SY/MD
 Sample : M4664-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4668

Quant Time: Nov 18 02:23:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

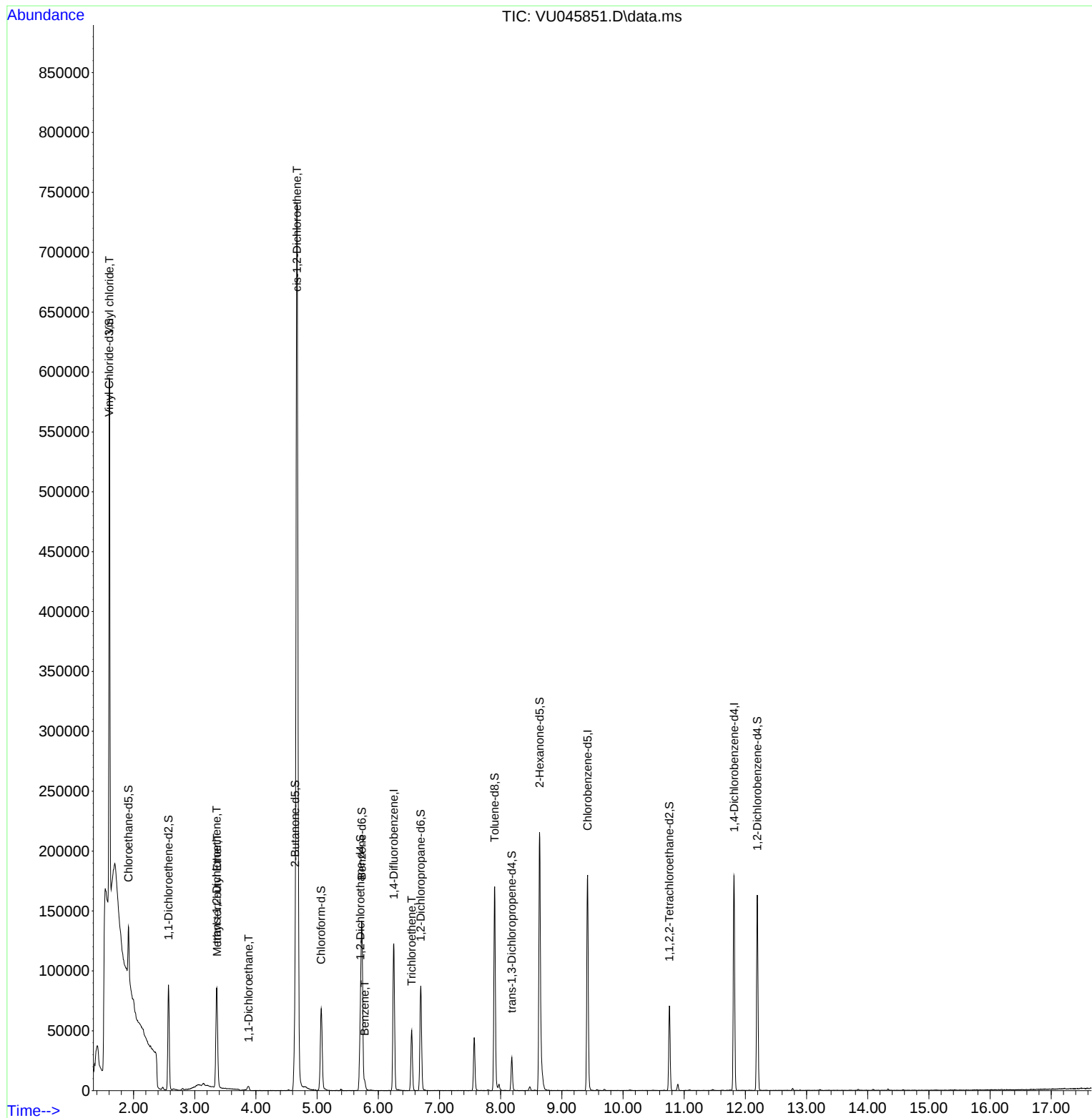
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	46776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	43081	5.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.000%
7) Chloroethane-d5	1.916	69	30356	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.400%
11) 1,1-Dichloroethene-d2	2.572	65	16320	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.642	46	105461	50.725	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.460%
24) Chloroform-d	5.067	84	64859	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.707	65	37321	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.732	84	132495	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.694	67	42257	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.903	98	113843	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.182	79	16123	4.513	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.636	63	76769	47.746	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35203	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	42394	5.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.607	62	263045	31.019	ug/L	# 33
17) Methyl tert-butyl Ether	3.366	73	8064	0.511	ug/L	94
18) trans-1,2-Dichloroethene	3.359	96	32170	4.951	ug/L	96
19) 1,1-Dichloroethane	3.880	63	4135	0.340	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	373840	53.066	ug/L	99
33) Benzene	5.777	78	8079	0.286	ug/L	100
34) Trichloroethene	6.546	95	16776	2.301	ug/L	97

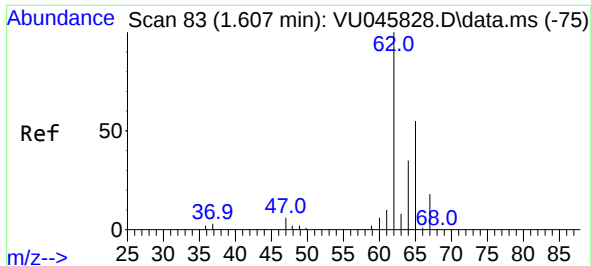
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 02:11:55 2021
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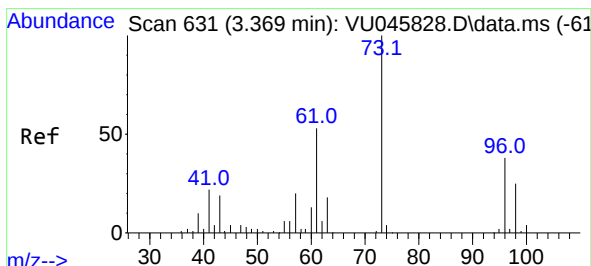
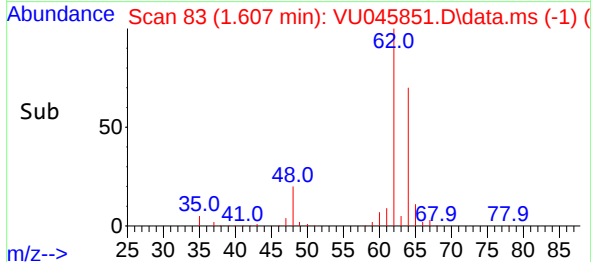
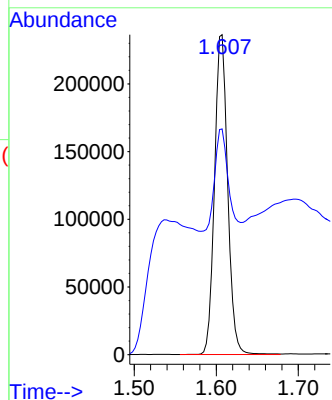
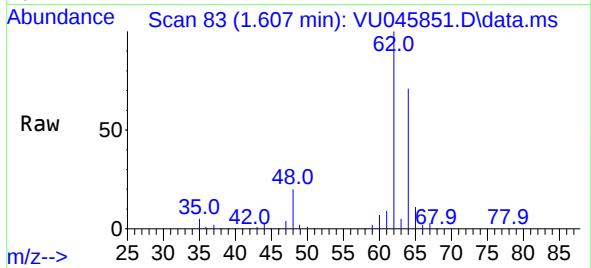




#5
 Vinyl chloride
 Concen: 31.019 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045851.D
 Acq: 17 Nov 2021 19:40

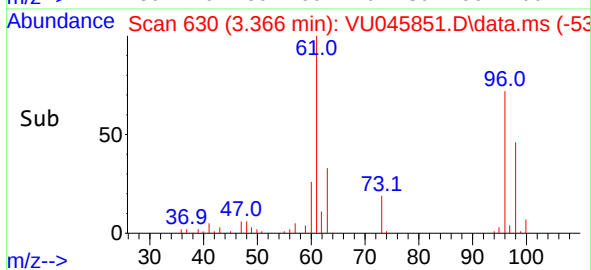
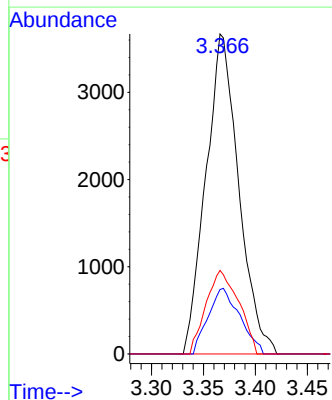
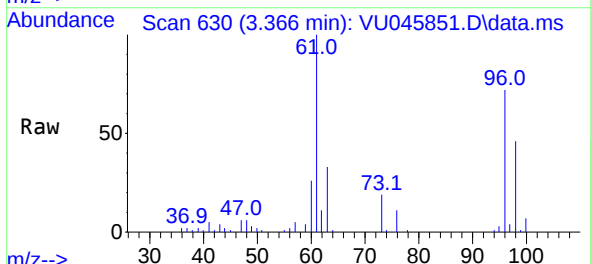
Instrument :
 MSVOA_U
 ClientSampleId :
 H4668

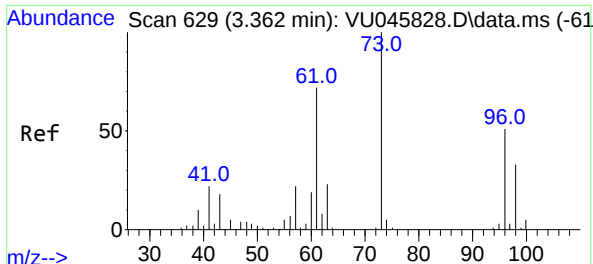
Tgt Ion: 62 Resp: 263045
 Ion Ratio Lower Upper
 62 100
 64 70.5 22.9 42.5#



#17
 Methyl tert-butyl Ether
 Concen: 0.511 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. -0.003 min
 Lab File: VU045851.D
 Acq: 17 Nov 2021 19:40

Tgt Ion: 73 Resp: 8064
 Ion Ratio Lower Upper
 73 100
 43 19.8 14.8 22.2
 57 25.9 17.4 26.0

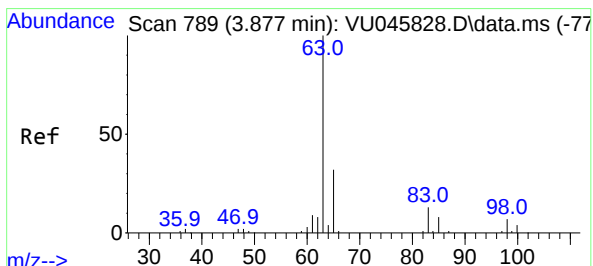
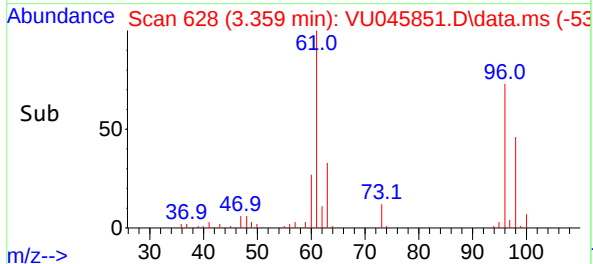
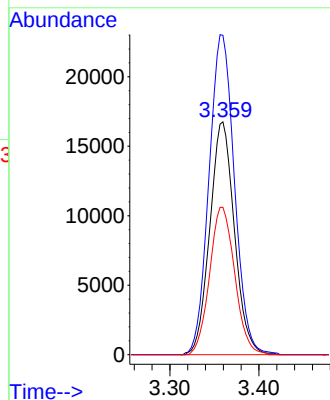
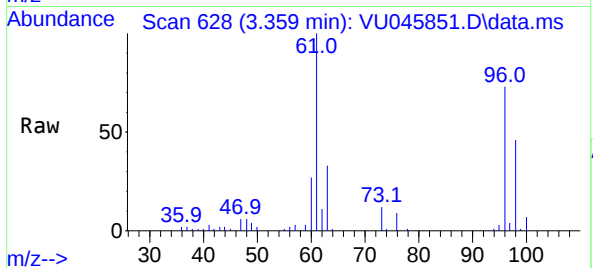




#18
trans-1,2-Dichloroethene
Concen: 4.951 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045851.D
Acq: 17 Nov 2021 19:40

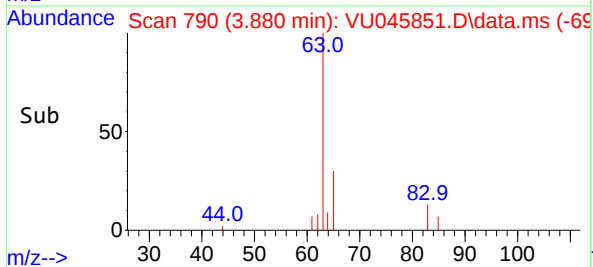
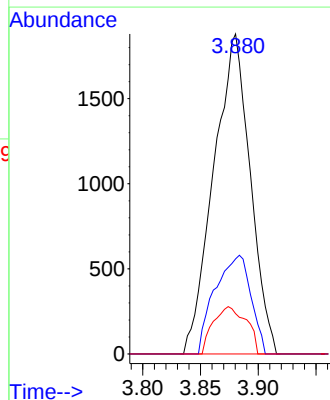
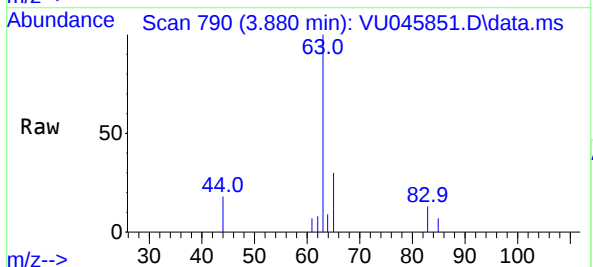
Instrument :
MSVOA_U
ClientSampleId :
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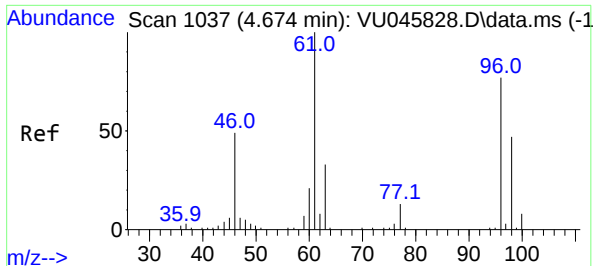
Tgt Ion: 96 Resp: 32170
Ion Ratio Lower Upper
96 100
61 137.2 100.8 187.2
98 63.3 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.340 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU045851.D
Acq: 17 Nov 2021 19:40

Tgt Ion: 63 Resp: 4135
Ion Ratio Lower Upper
63 100
65 29.7 22.3 41.5
83 12.6 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 53.066 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU045851.D

Acq: 17 Nov 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

H4668

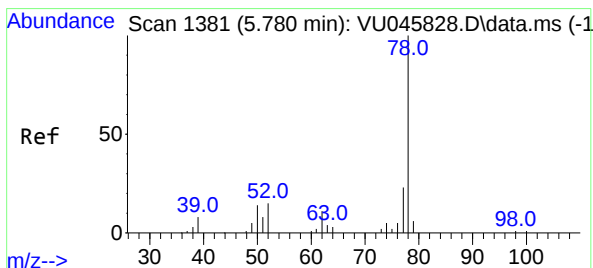
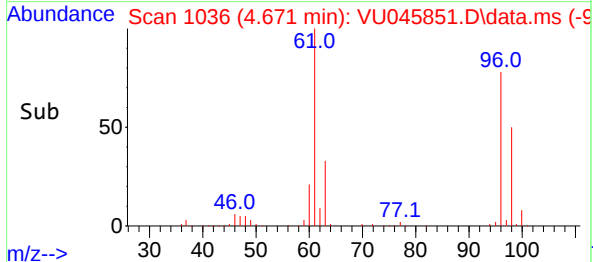
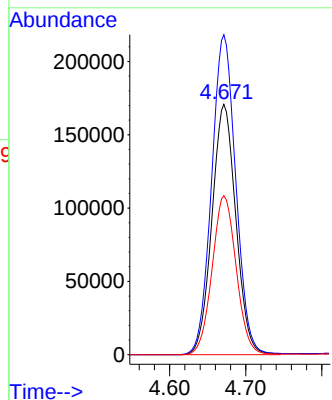
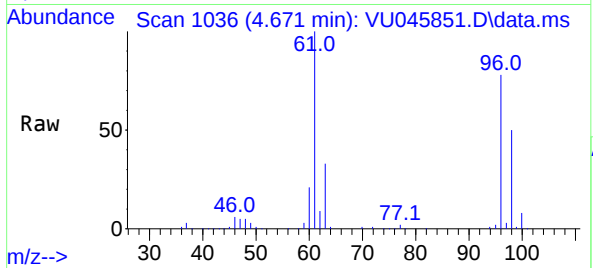
Tgt Ion: 96 Resp: 373840

Ion Ratio Lower Upper

96 100

61 127.8 88.5 164.3

98 63.5 44.4 82.5



#33

Benzene

Concen: 0.286 ug/L

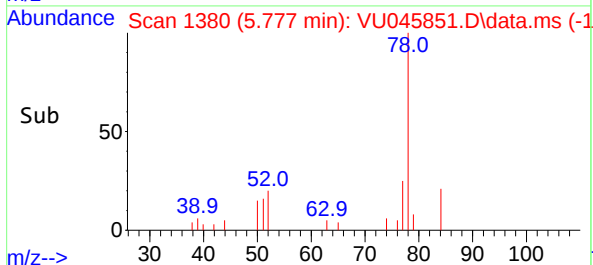
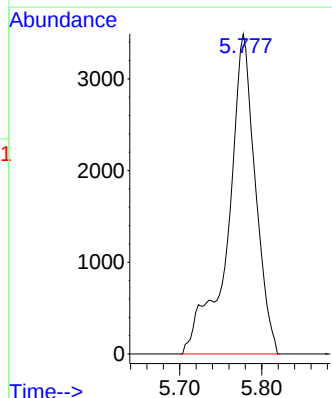
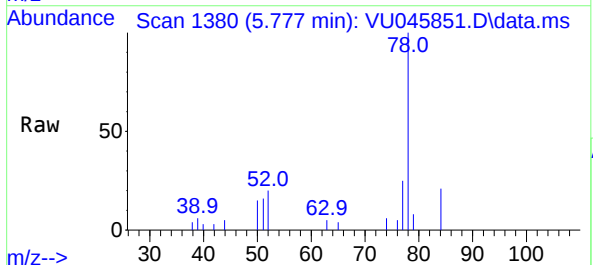
RT: 5.777 min Scan# 1380

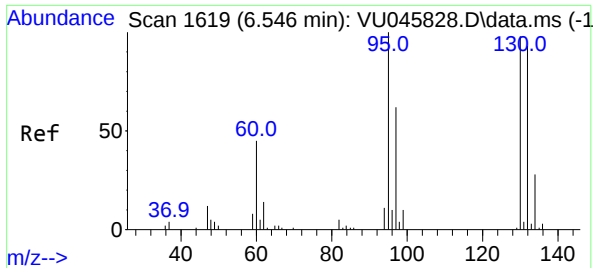
Delta R.T. -0.003 min

Lab File: VU045851.D

Acq: 17 Nov 2021 19:40

Tgt Ion: 78 Resp: 8079





#34
 Trichloroethene
 Concen: 2.301 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU045851.D
 Acq: 17 Nov 2021 19:40

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 95 Resp: 16776

Ion	Ratio	Lower	Upper
95	100		
97	67.4	46.5	86.5
132	88.4	65.1	120.9
130	97.8	67.3	124.9

