

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045852.D
 Acq On : 17 Nov 2021 20:04
 Operator : SY/MD
 Sample : M4664-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4676

Quant Time: Nov 18 02:24:05 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)

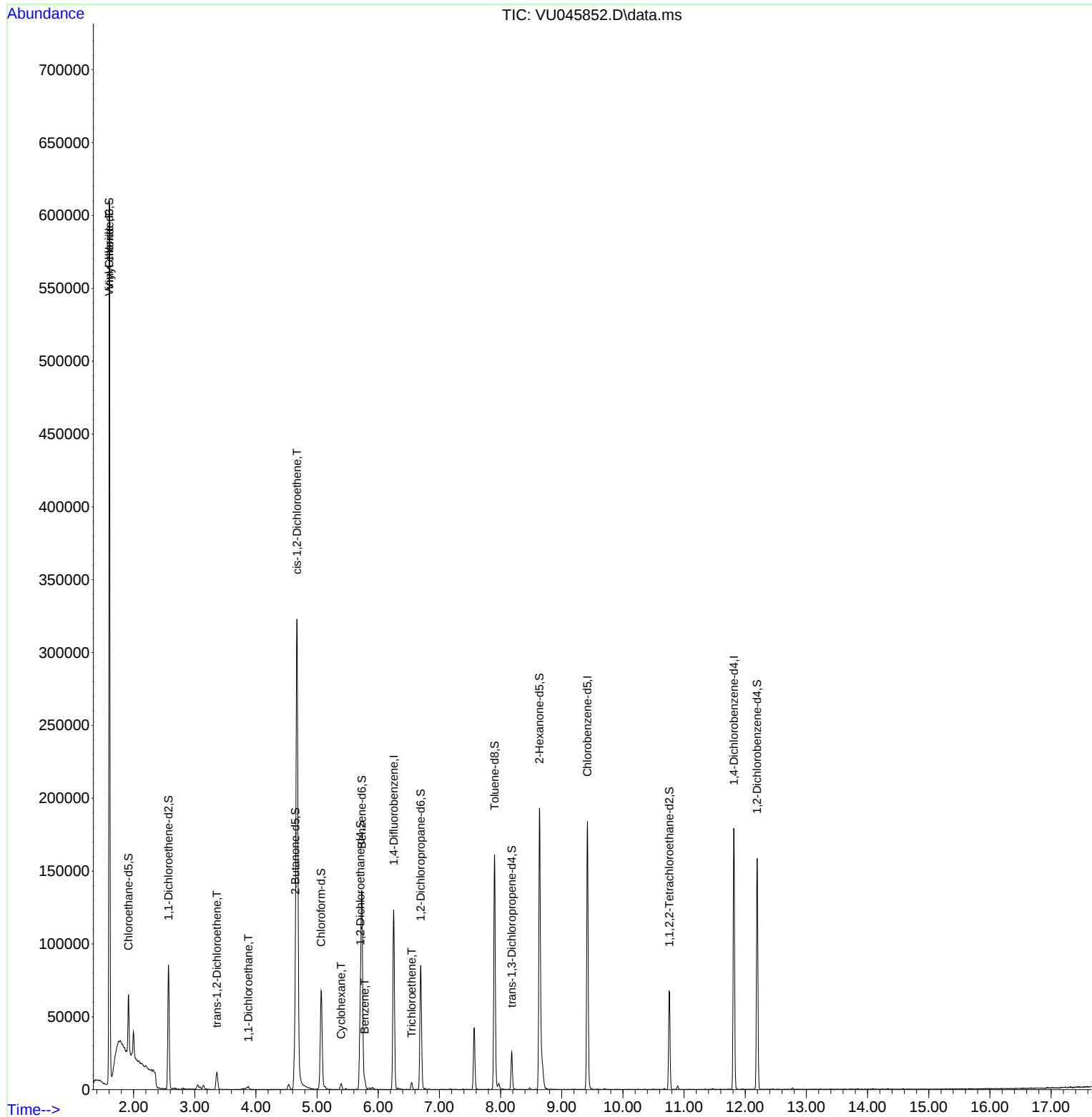
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97375	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	102567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	46700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40692	5.274	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.915	69	28682	5.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.571	65	16200	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.645	46	96350	46.603	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.200%
24) Chloroform-d	5.066	84	62702	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.706	65	35331	4.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.732	84	128054	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.693	67	40397	4.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.902	98	108806	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.182	79	15334	4.243	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.635	63	69443	42.694	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33947	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	40176	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	373879	44.336	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	3403	0.527	ug/L	92
19) 1,1-Dichloroethane	3.877	63	2443	0.202	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	156717	22.370	ug/L	98
30) Cyclohexane	5.394	56	1992	0.180	ug/L	99
33) Benzene	5.777	78	6707	0.234	ug/L	100
34) Trichloroethene	6.546	95	1756	0.238	ug/L	92

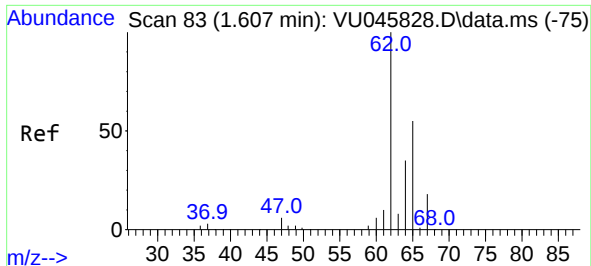
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

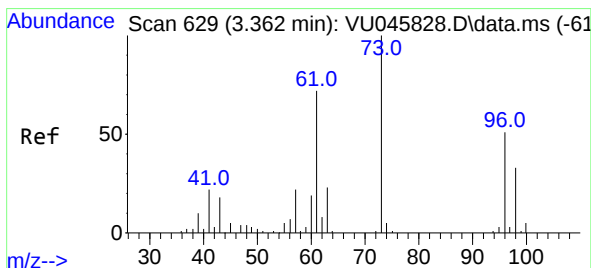
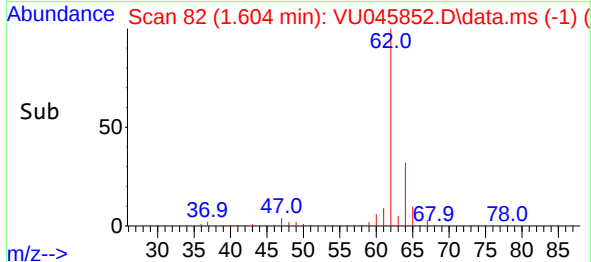
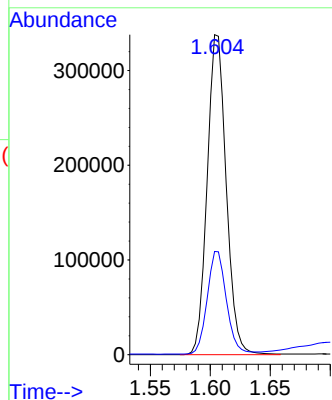
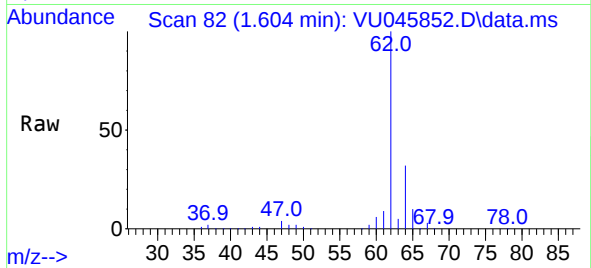




#5
 Vinyl chloride
 Concen: 44.336 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045852.D
 Acq: 17 Nov 2021 20:04

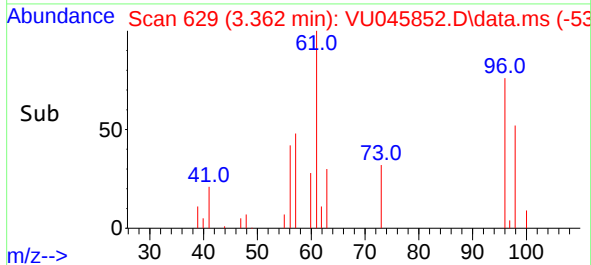
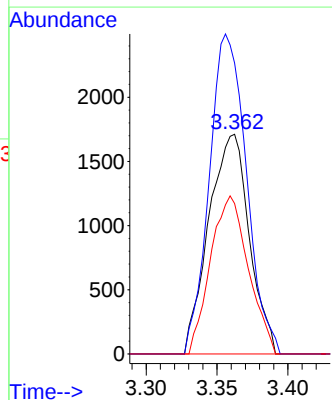
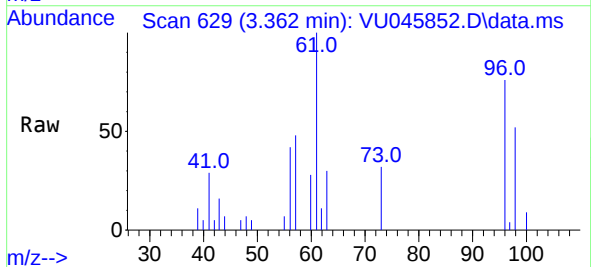
Instrument :
 MSVOA_U
 ClientSampleId :
 H4676

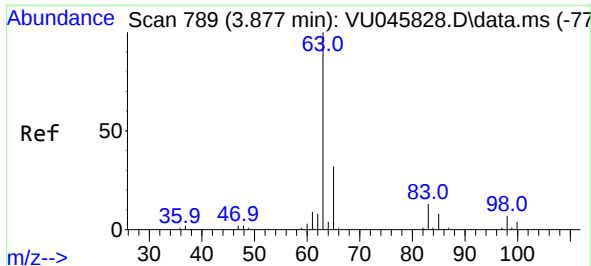
Tgt Ion: 62 Resp: 373879
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#18
 trans-1,2-Dichloroethene
 Concen: 0.527 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: VU045852.D
 Acq: 17 Nov 2021 20:04

Tgt Ion: 96 Resp: 3403
 Ion Ratio Lower Upper
 96 100
 61 132.4 100.8 187.2
 98 68.5 45.1 83.7



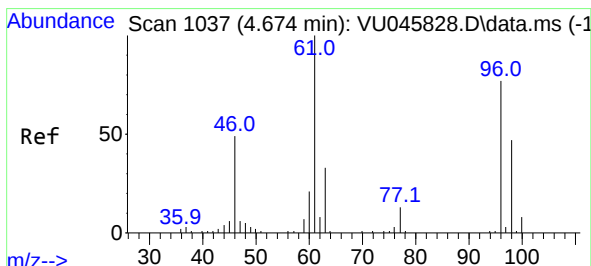
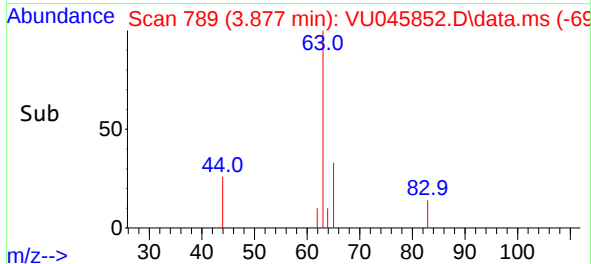
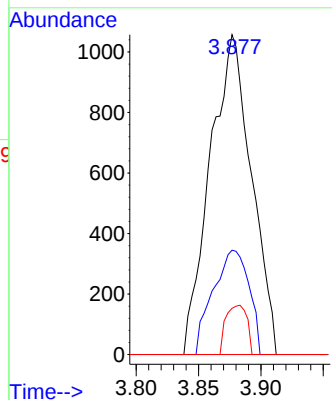
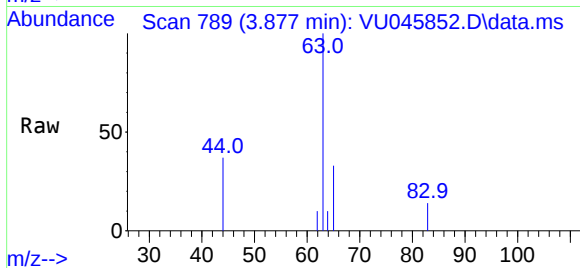


#19
1,1-Dichloroethane
Concen: 0.202 ug/L
RT: 3.877 min Scan# 719
Delta R.T. -0.000 min
Lab File: VU045852.D
Acq: 17 Nov 2021 20:04

Instrument :
MSVOA_U
ClientSampleId :
H4676

Tgt Ion: 63 Resp: 2443

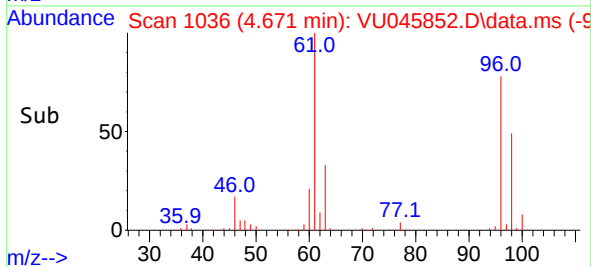
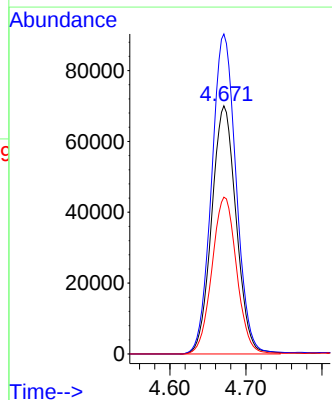
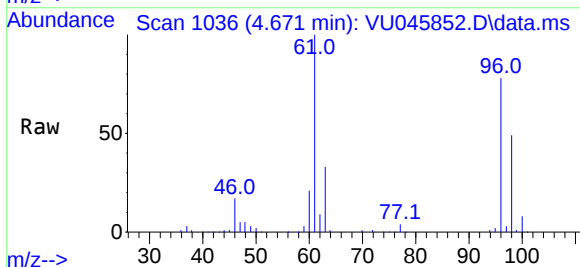
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.3	41.5
83	14.5	9.6	17.8

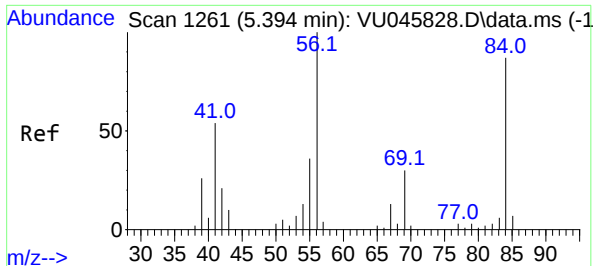


#22
cis-1,2-Dichloroethene
Concen: 22.370 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU045852.D
Acq: 17 Nov 2021 20:04

Tgt Ion: 96 Resp: 156717

Ion	Ratio	Lower	Upper
96	100		
61	128.9	88.5	164.3
98	63.2	44.4	82.5





#30

Cyclohexane

Concen: 0.180 ug/L

RT: 5.394 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045852.D

Acq: 17 Nov 2021 20:04

Instrument :

MSVOA_U

ClientSampleId :

H4676

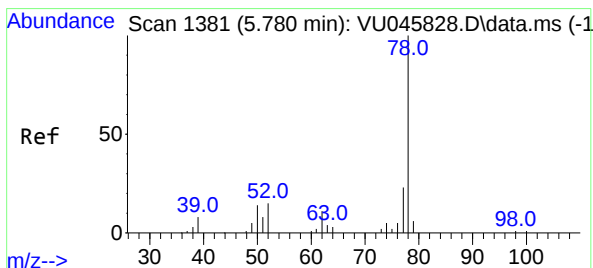
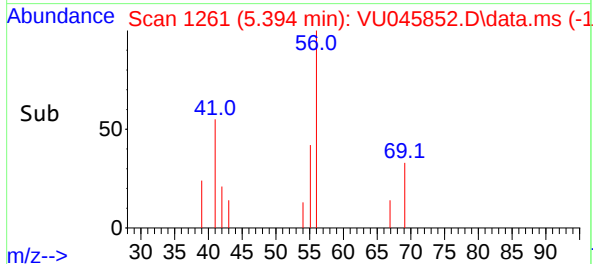
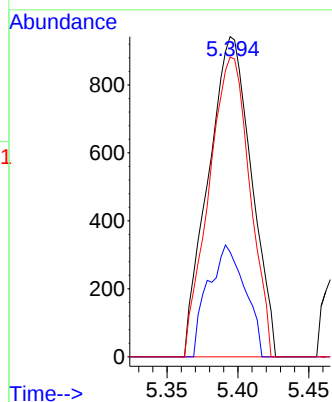
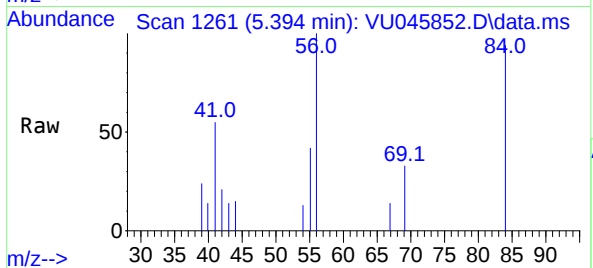
Tgt Ion: 56 Resp: 1992

Ion Ratio Lower Upper

56 100

69 29.8 24.7 37.1

84 88.8 71.8 107.6



#33

Benzene

Concen: 0.234 ug/L

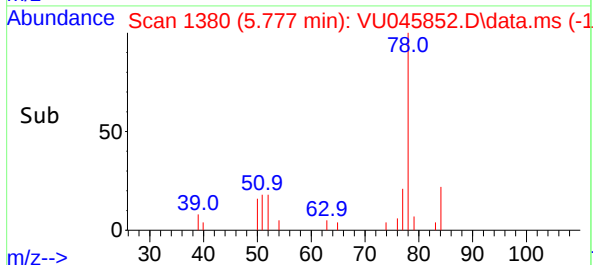
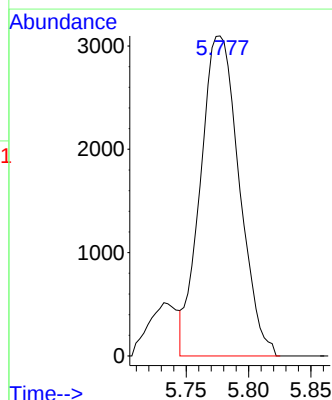
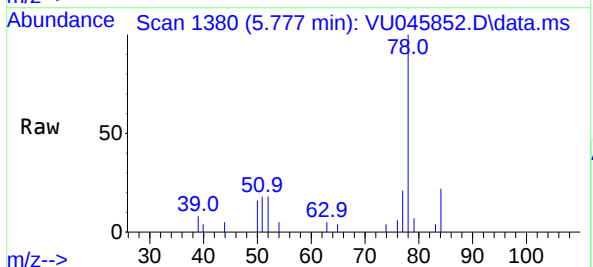
RT: 5.777 min Scan# 1380

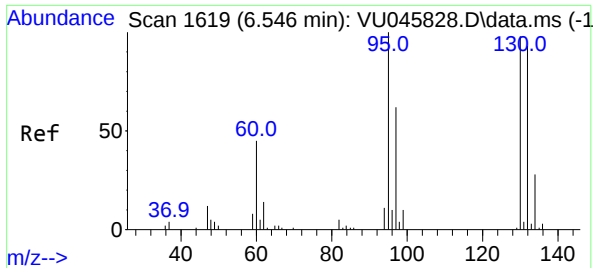
Delta R.T. -0.003 min

Lab File: VU045852.D

Acq: 17 Nov 2021 20:04

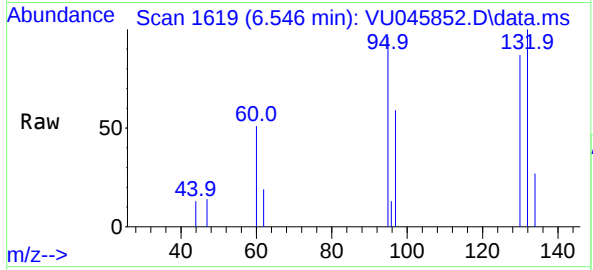
Tgt Ion: 78 Resp: 6707





#34
Trichloroethene
Concen: 0.238 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045852.D
Acq: 17 Nov 2021 20:04

Instrument :
MSVOA_U
ClientSampleId :
H4676



Tgt Ion: 95 Resp: 1756

Ion	Ratio	Lower	Upper
95	100		
97	62.1	46.5	86.5
132	104.3	65.1	120.9
130	90.6	67.3	124.9

