

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050464.D
 Acq On : 26 Aug 2022 18:00
 Operator : SY/MD
 Sample : N4372-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY183

Quant Time: Aug 27 02:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

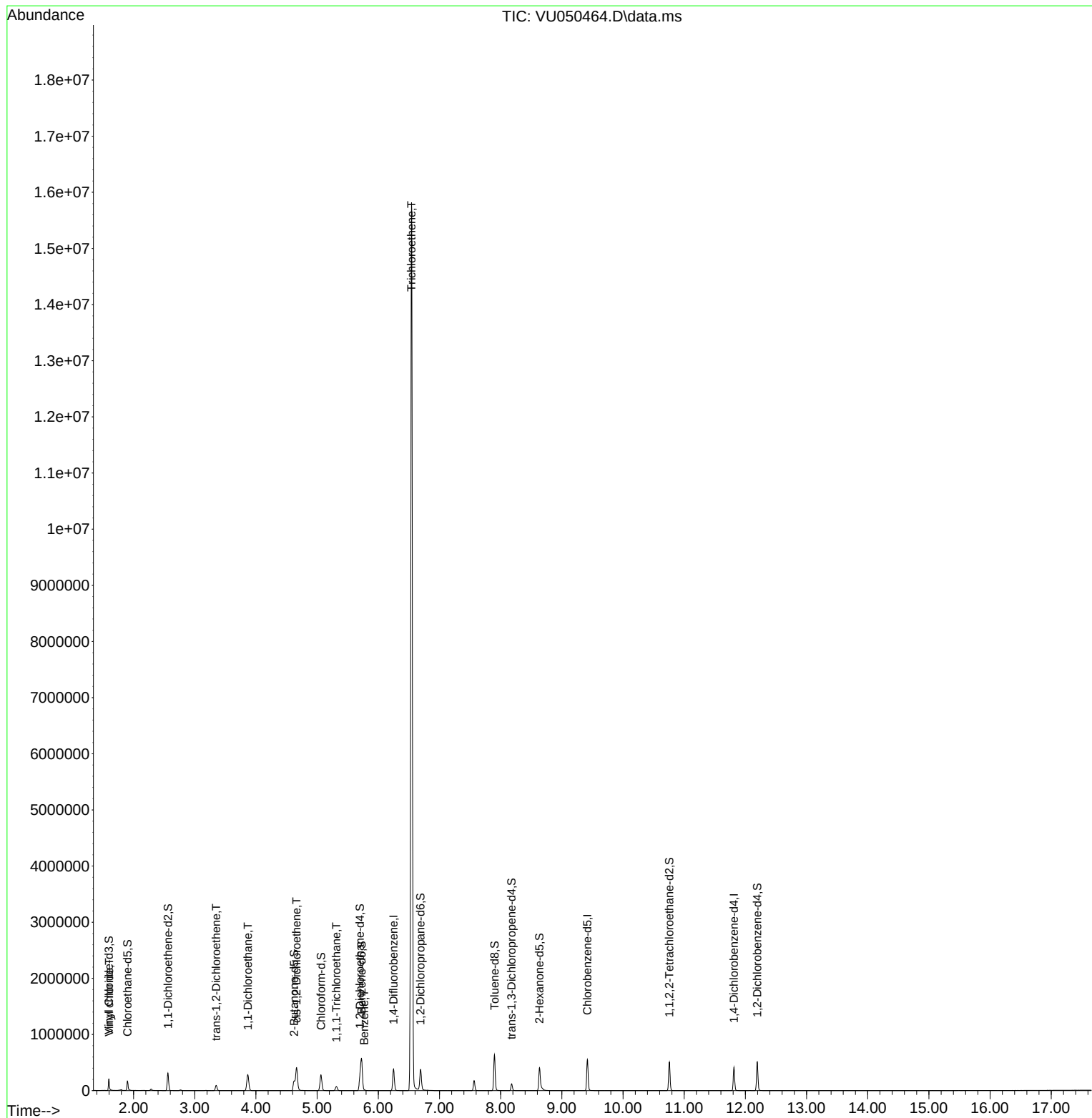
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	313042	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	310994	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	158774	42.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.780%
7) Chloroethane-d5	1.900	69	131394	47.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.940%
11) 1,1-Dichloroethene-d2	2.562	63	186019	35.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.120%
21) 2-Butanone-d5	4.623	46	239461	98.837	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.840%
24) Chloroform-d	5.063	84	266741	44.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.780%
26) 1,2-Dichloroethane-d4	5.700	65	174684	47.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
32) Benzene-d6	5.726	84	539320	46.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
36) 1,2-Dichloropropane-d6	6.690	67	178823	46.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.940%
41) Toluene-d8	7.899	98	437000	43.461	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.920%
43) trans-1,3-Dichloroprop...	8.179	79	68233	42.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.940%
47) 2-Hexanone-d5	8.632	63	135642	96.016	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	265343	45.191	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.380%
66) 1,2-Dichlorobenzene-d4	12.195	152	138669	51.513	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.020%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	1452	0.521	ug/L	# 1
17) trans-1,2-Dichloroethene	3.350	96	40439	20.032	ug/L	100
19) 1,1-Dichloroethane	3.867	63	330778	75.633	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	209458	86.646	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	52863	14.857	ug/L	98
33) Benzene	5.771	78	5604	0.595	ug/L	100
34) Trichloroethene	6.542	95	5536963	2484.256	ug/L	96

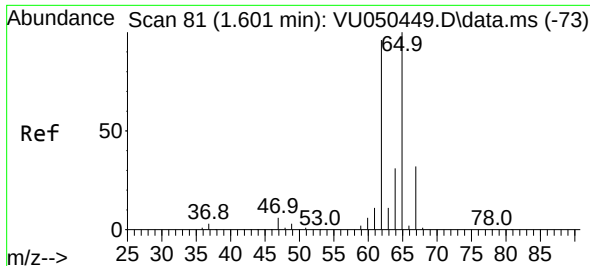
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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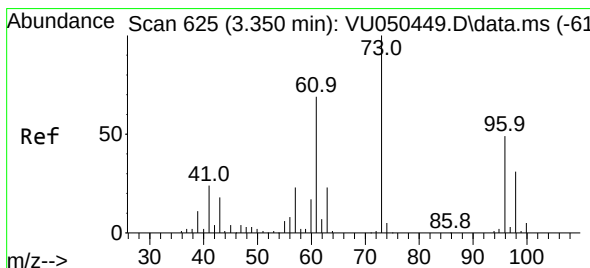
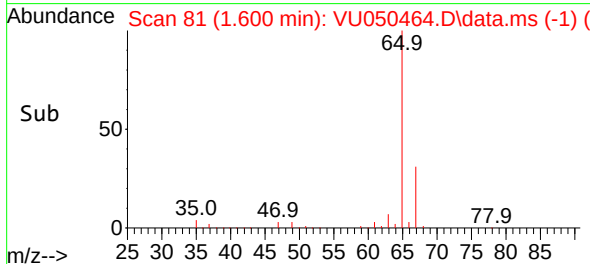
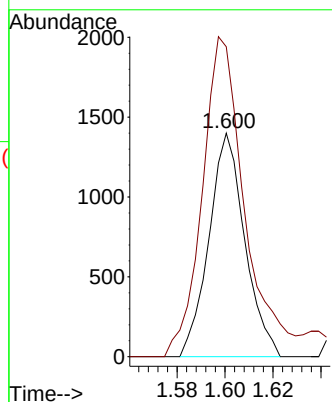
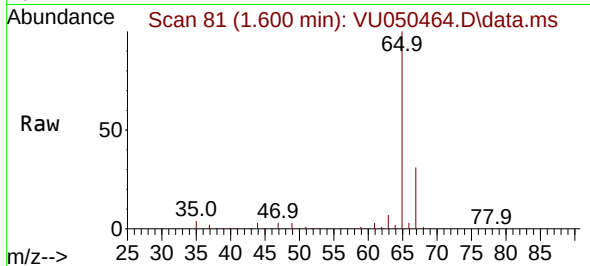




#5
 Vinyl chloride
 Concen: 0.521 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050464.D
 Acq: 26 Aug 2022 18:00

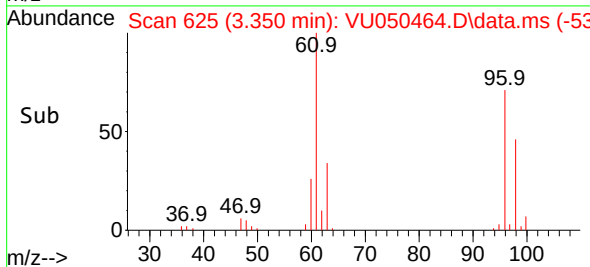
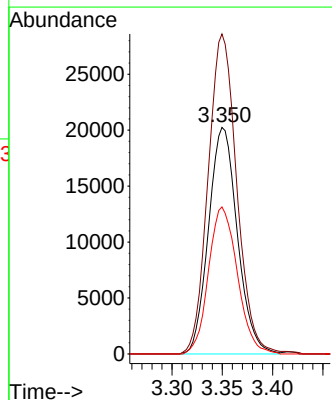
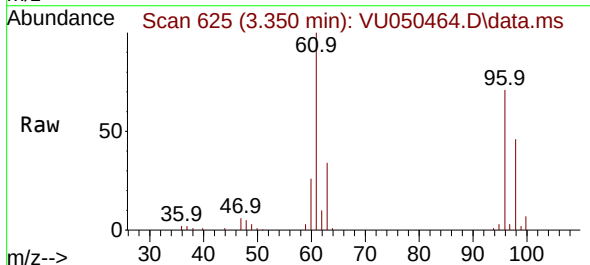
Instrument :
 MSVOA_U
 ClientSampleId :
 EY183

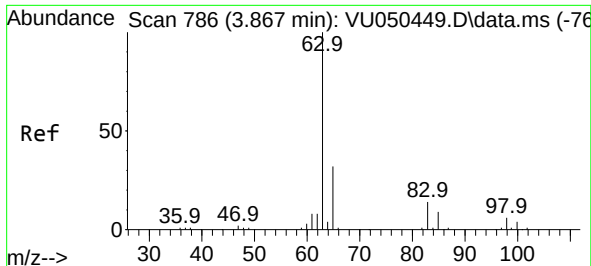
Tgt Ion: 62 Resp: 1452
 Ion Ratio Lower Upper
 62 100
 64 138.6 23.1 42.9#



#17
 trans-1,2-Dichloroethene
 Concen: 20.032 ug/L
 RT: 3.350 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VU050464.D
 Acq: 26 Aug 2022 18:00

Tgt Ion: 96 Resp: 40439
 Ion Ratio Lower Upper
 96 100
 61 141.2 98.5 182.9
 98 64.8 45.7 84.9





#19

1,1-Dichloroethane

Concen: 75.633 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050464.D

Acq: 26 Aug 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

EY183

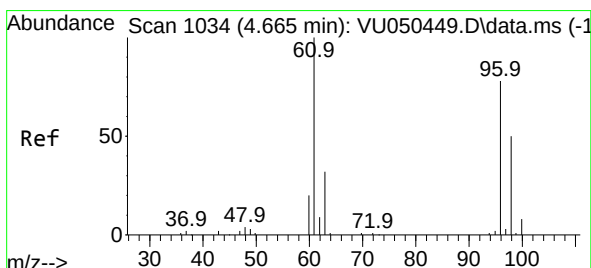
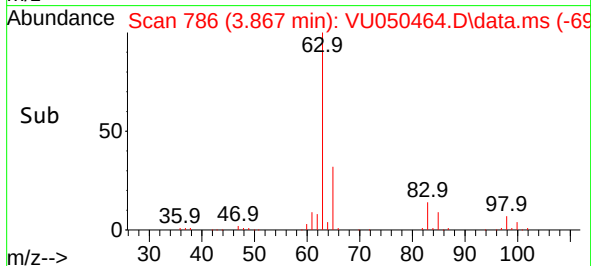
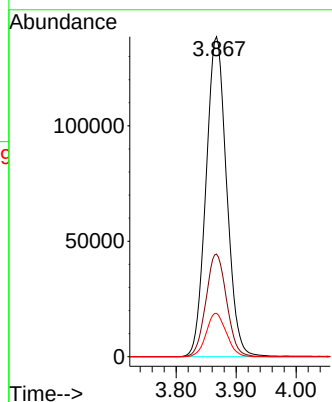
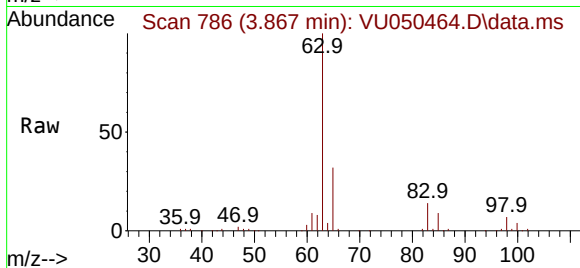
Tgt Ion: 63 Resp: 330778

Ion Ratio Lower Upper

63 100

65 32.1 23.3 43.3

83 13.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 86.646 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU050464.D

Acq: 26 Aug 2022 18:00

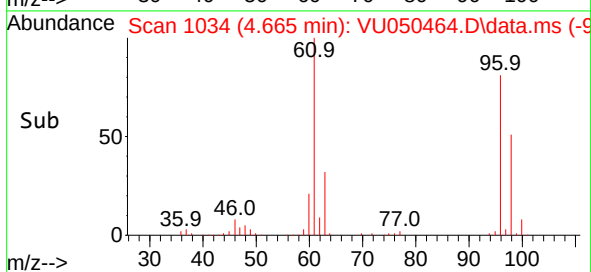
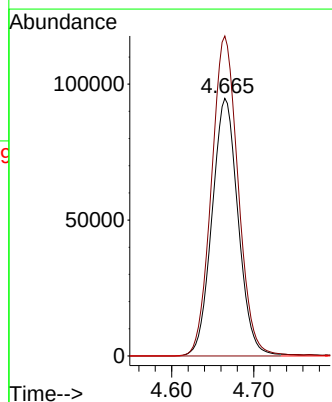
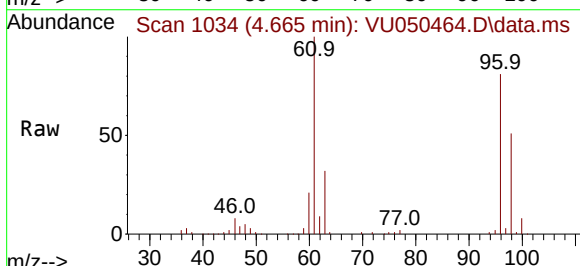
Tgt Ion: 96 Resp: 209458

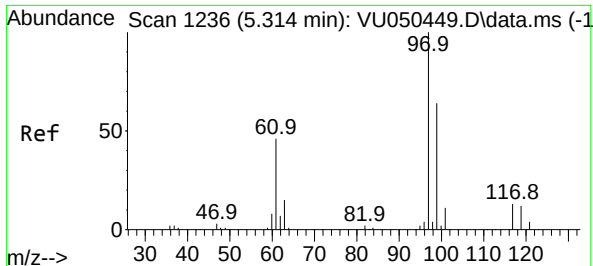
Ion Ratio Lower Upper

96 100

61 124.2 88.1 163.5

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 14.857 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050464.D

Acq: 26 Aug 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

EY183

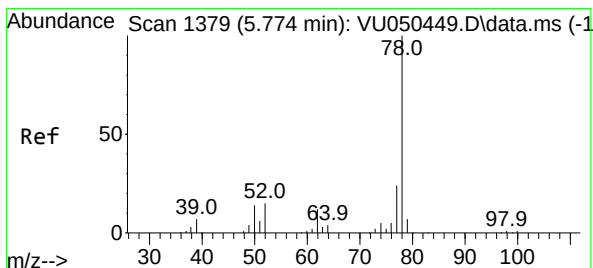
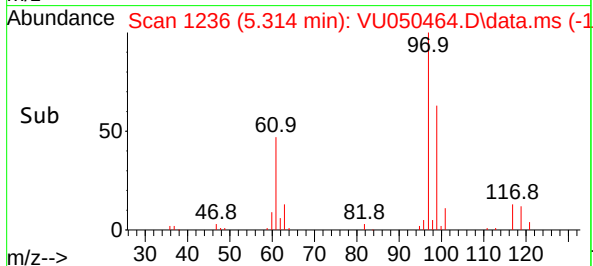
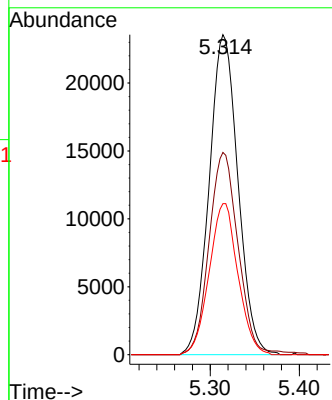
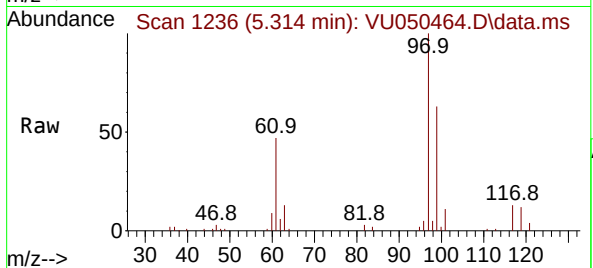
Tgt Ion: 97 Resp: 52863

Ion Ratio Lower Upper

97 100

99 63.2 51.2 76.8

61 47.3 36.6 55.0



#33

Benzene

Concen: 0.595 ug/L

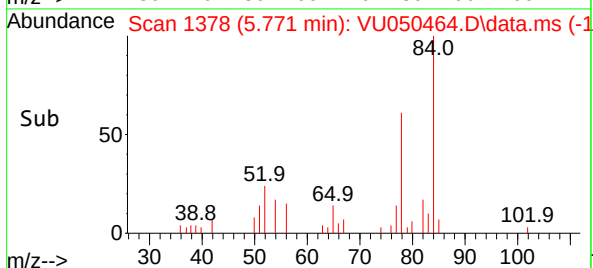
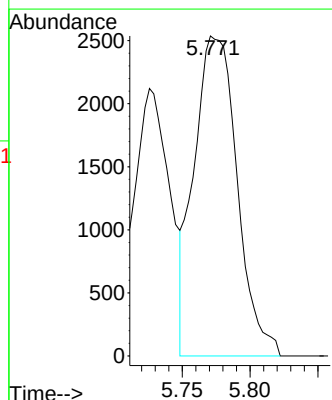
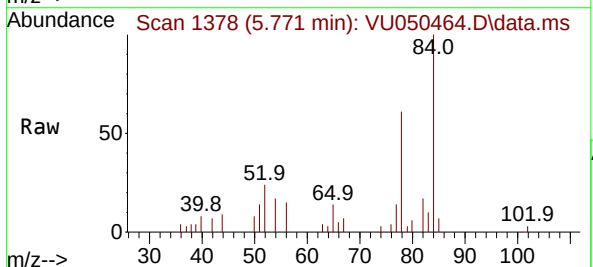
RT: 5.771 min Scan# 1378

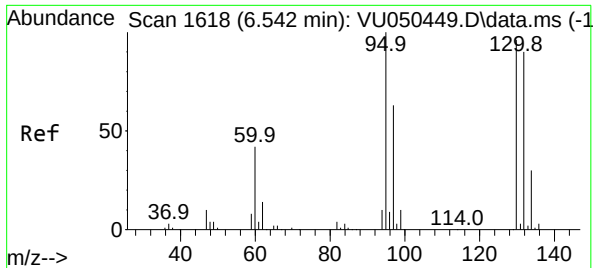
Delta R.T. -0.003 min

Lab File: VU050464.D

Acq: 26 Aug 2022 18:00

Tgt Ion: 78 Resp: 5604





#34
 Trichloroethene
 Concen: 2484.256 ug/L
 RT: 6.542 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU050464.D
 Acq: 26 Aug 2022 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 EY183

Tgt Ion: 95 Resp: 5536963

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.2	84.0
132	87.0	64.4	119.6
130	91.4	67.1	124.5

