

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050460.D
 Acq On : 26 Aug 2022 16:25
 Operator : SY/MD
 Sample : N4322-23
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY178

Quant Time: Aug 27 02:48:00 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)

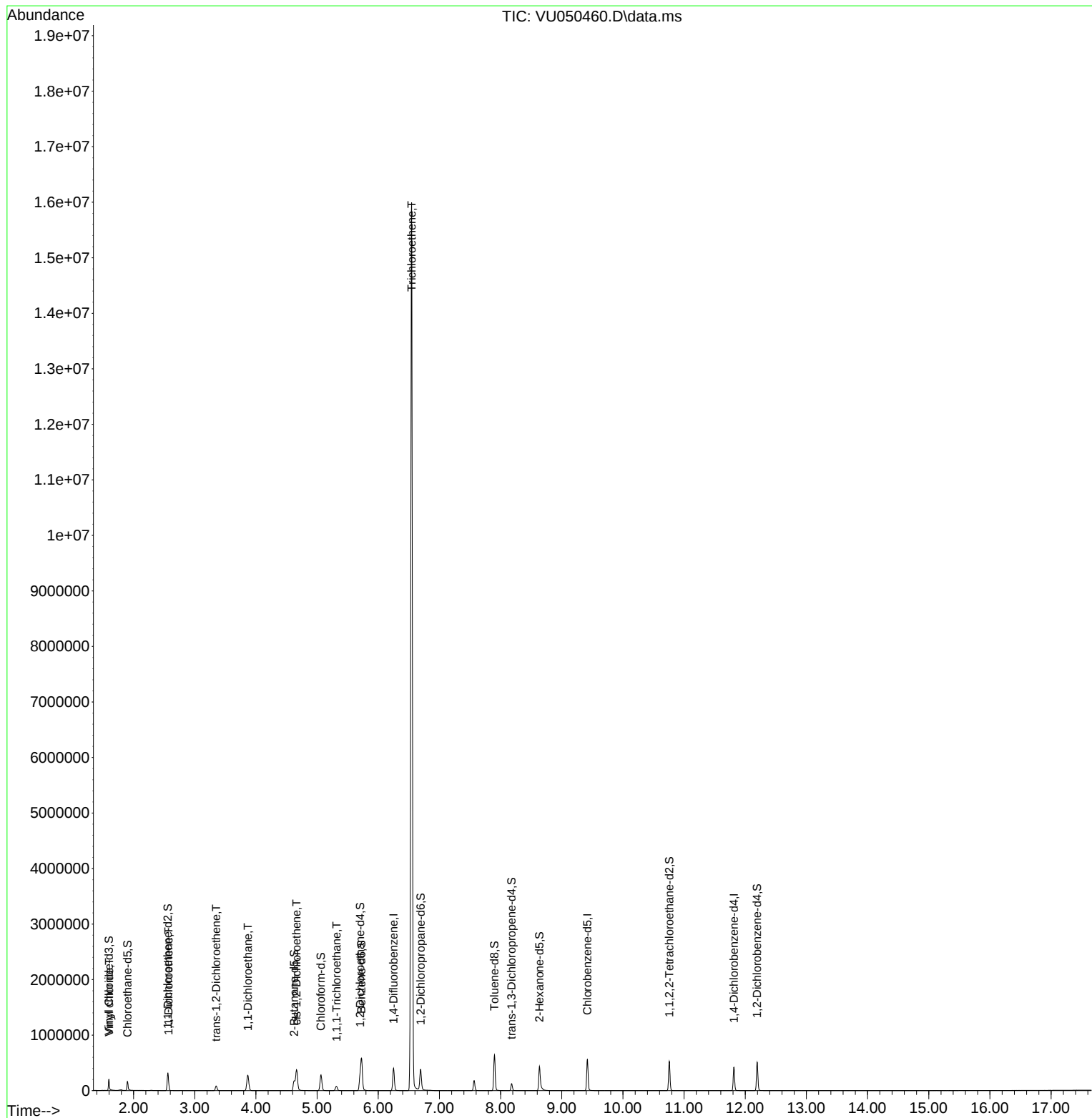
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	325419	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	323778	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	114870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	159068	41.339	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.680%	
7) Chloroethane-d5	1.899	69	130875	45.966	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.940%	
11) 1,1-Dichloroethene-d2	2.559	63	187094	34.406	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.820%	
21) 2-Butanone-d5	4.623	46	247875	98.419	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.420%	
24) Chloroform-d	5.063	84	266508	43.147	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.300%	
26) 1,2-Dichloroethane-d4	5.703	65	173117	45.096	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.200%	
32) Benzene-d6	5.726	84	545563	45.603	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.693	67	182692	46.096	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.200%	
41) Toluene-d8	7.899	98	442644	42.284	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.560%	
43) trans-1,3-Dichloroprop...	8.179	79	70848	42.855	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.700%	
47) 2-Hexanone-d5	8.635	63	145237	98.748	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	98.750%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	269770	44.131	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.260%	
66) 1,2-Dichlorobenzene-d4	12.195	152	136674	49.808	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.620%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	1463	0.505	ug/L #	1
12) 1,1-Dichloroethene	2.571	96	7938	3.976	ug/L #	1
17) trans-1,2-Dichloroethene	3.349	96	37630	17.932	ug/L	93
19) 1,1-Dichloroethane	3.867	63	322465	70.928	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	193221	76.890	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	56990	15.385	ug/L	98
34) Trichloroethene	6.546	95	5600588	2413.587	ug/L	97

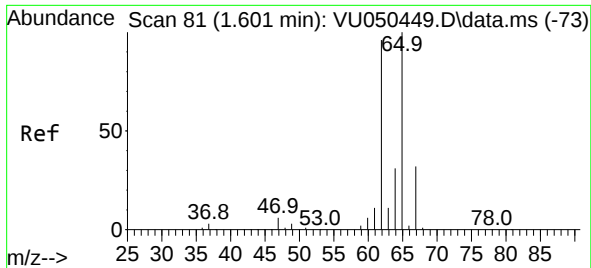
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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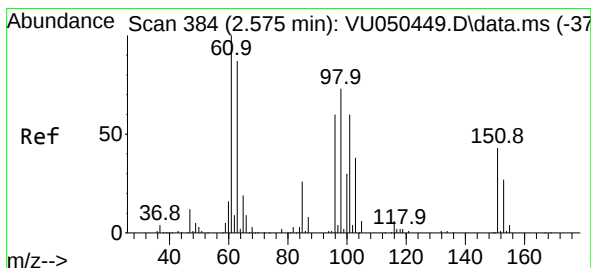
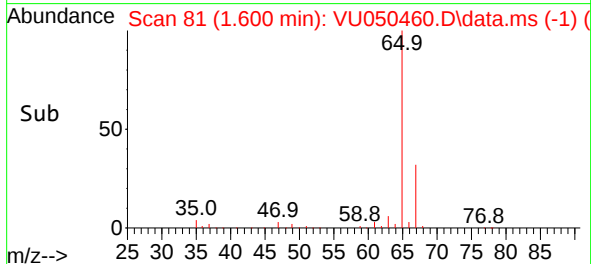
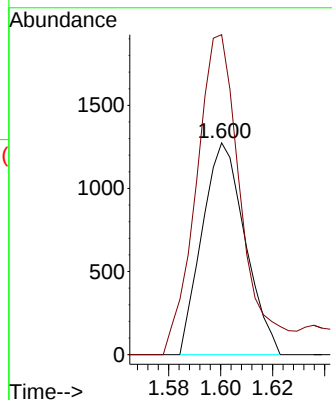
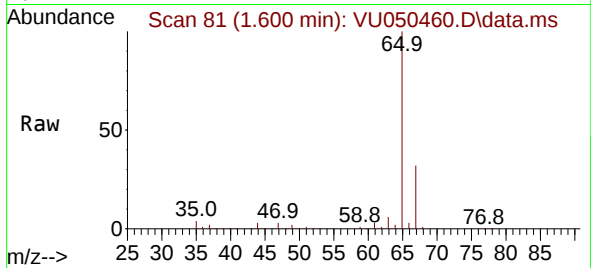




#5
 Vinyl chloride
 Concen: 0.505 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050460.D
 Acq: 26 Aug 2022 16:25

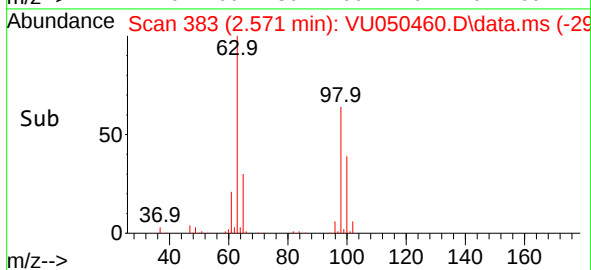
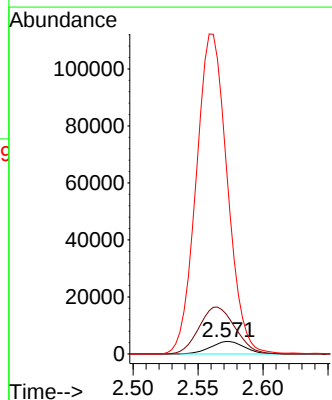
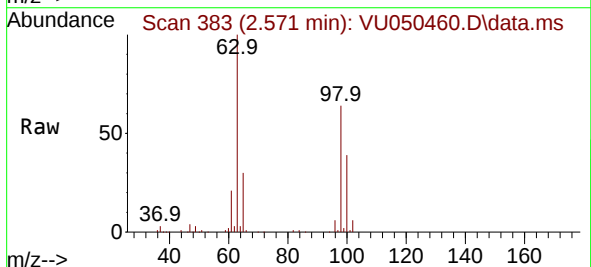
Instrument :
 MSVOA_U
 ClientSampleId :
 EY178

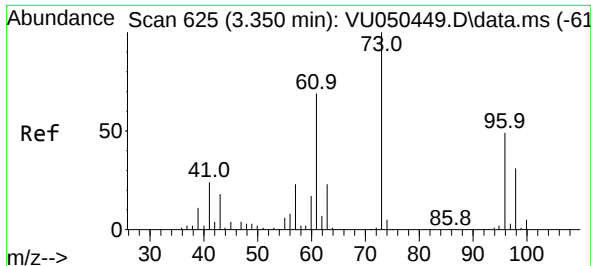
Tgt Ion: 62 Resp: 1463
 Ion Ratio Lower Upper
 62 100
 64 151.1 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 3.976 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU050460.D
 Acq: 26 Aug 2022 16:25

Tgt Ion: 96 Resp: 7938
 Ion Ratio Lower Upper
 96 100
 61 323.9 116.8 216.8#
 63 1564.6 97.4 180.8#





#17

trans-1,2-Dichloroethene

Concen: 17.932 ug/L

RT: 3.349 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050460.D

Acq: 26 Aug 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

EY178

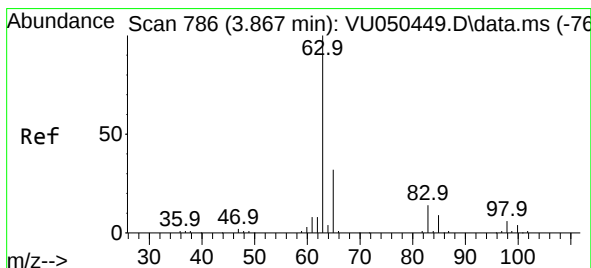
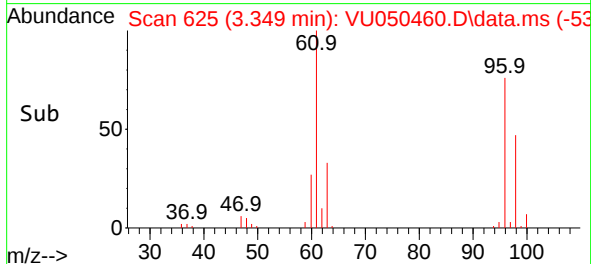
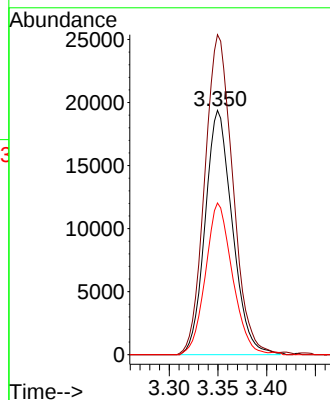
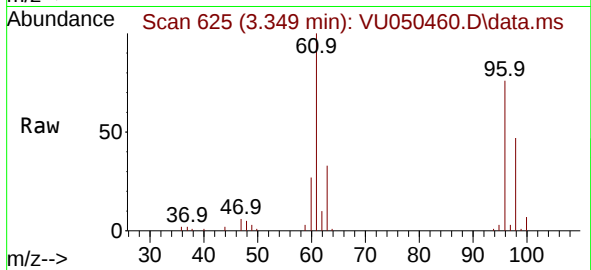
Tgt Ion: 96 Resp: 37630

Ion Ratio Lower Upper

96 100

61 131.0 98.5 182.9

98 62.1 45.7 84.9



#19

1,1-Dichloroethane

Concen: 70.928 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050460.D

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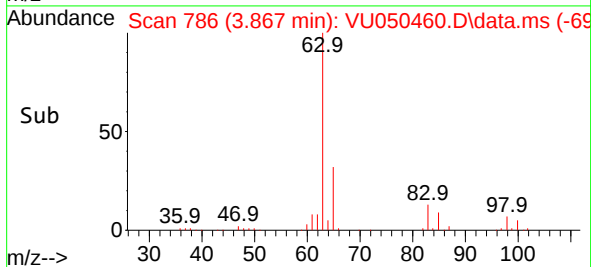
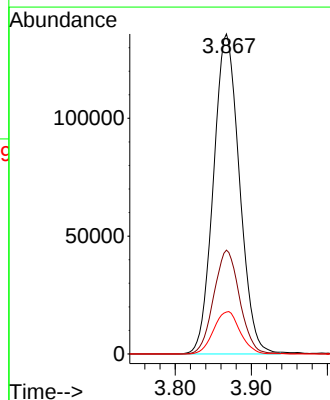
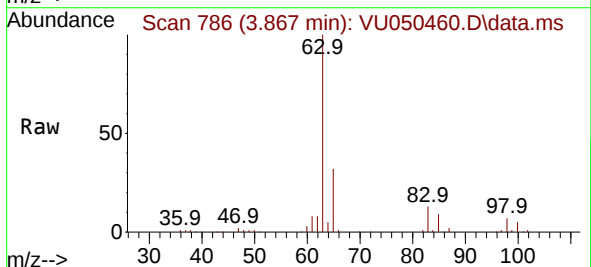
Tgt Ion: 63 Resp: 322465

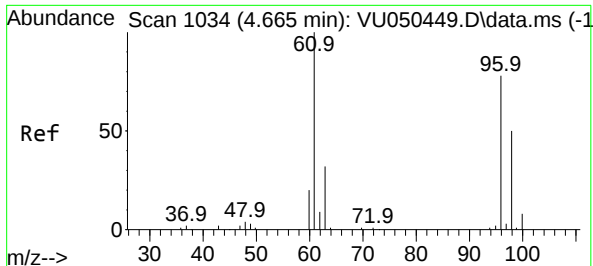
Ion Ratio Lower Upper

63 100

65 32.4 23.3 43.3

83 13.1 9.0 16.8

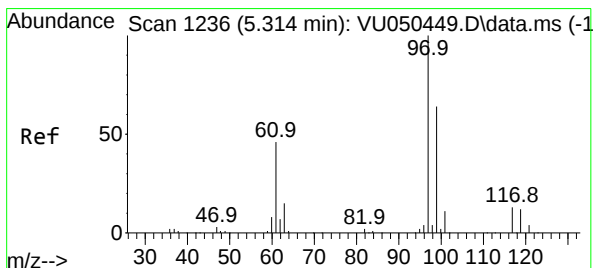
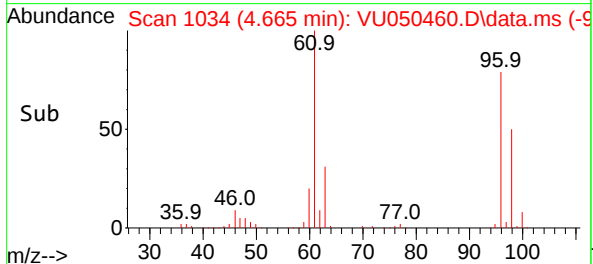
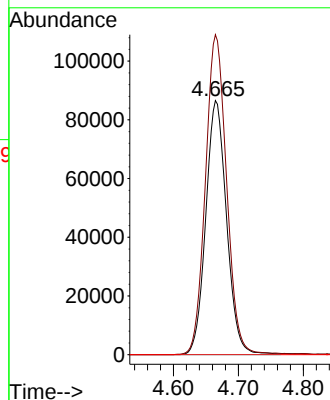
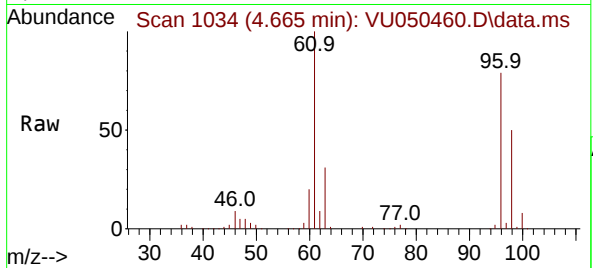




#20
 cis-1,2-Dichloroethene
 Concen: 76.890 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU050460.D
 Acq: 26 Aug 2022 16:25

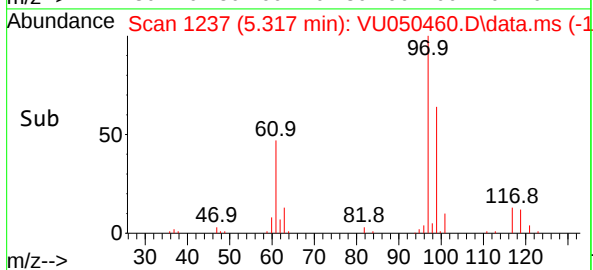
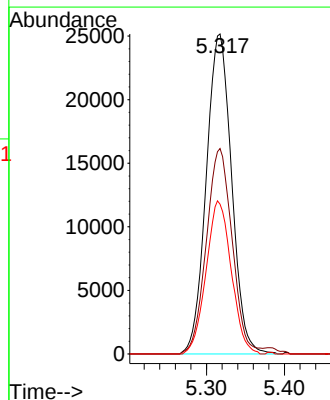
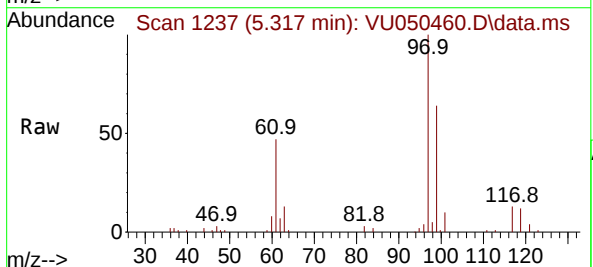
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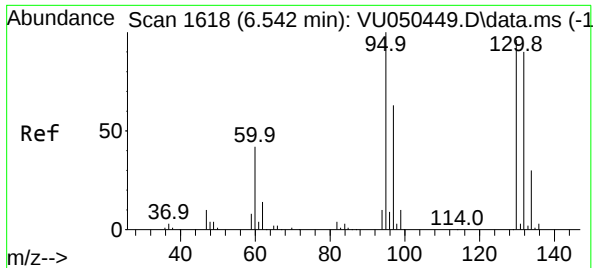
Tgt Ion: 96 Resp: 193221
 Ion Ratio Lower Upper
 96 100
 61 126.0 88.1 163.5
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 15.385 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. 0.003 min
 Lab File: VU050460.D
 Acq: 26 Aug 2022 16:25

Tgt Ion: 97 Resp: 56990
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.2 76.8
 61 47.5 36.6 55.0





#34
 Trichloroethene
 Concen: 2413.587 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU050460.D
 Acq: 26 Aug 2022 16:25

Instrument :
 MSVOA_U
 ClientSampleId :
 EY178

Tgt Ion: 95 Resp: 5600588

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.2	84.0
132	87.8	64.4	119.6
130	92.0	67.1	124.5

