

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050926.D
 Acq On : 23 Sep 2022 17:54
 Operator : JC/MD
 Sample : N4650-13DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 00:25:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

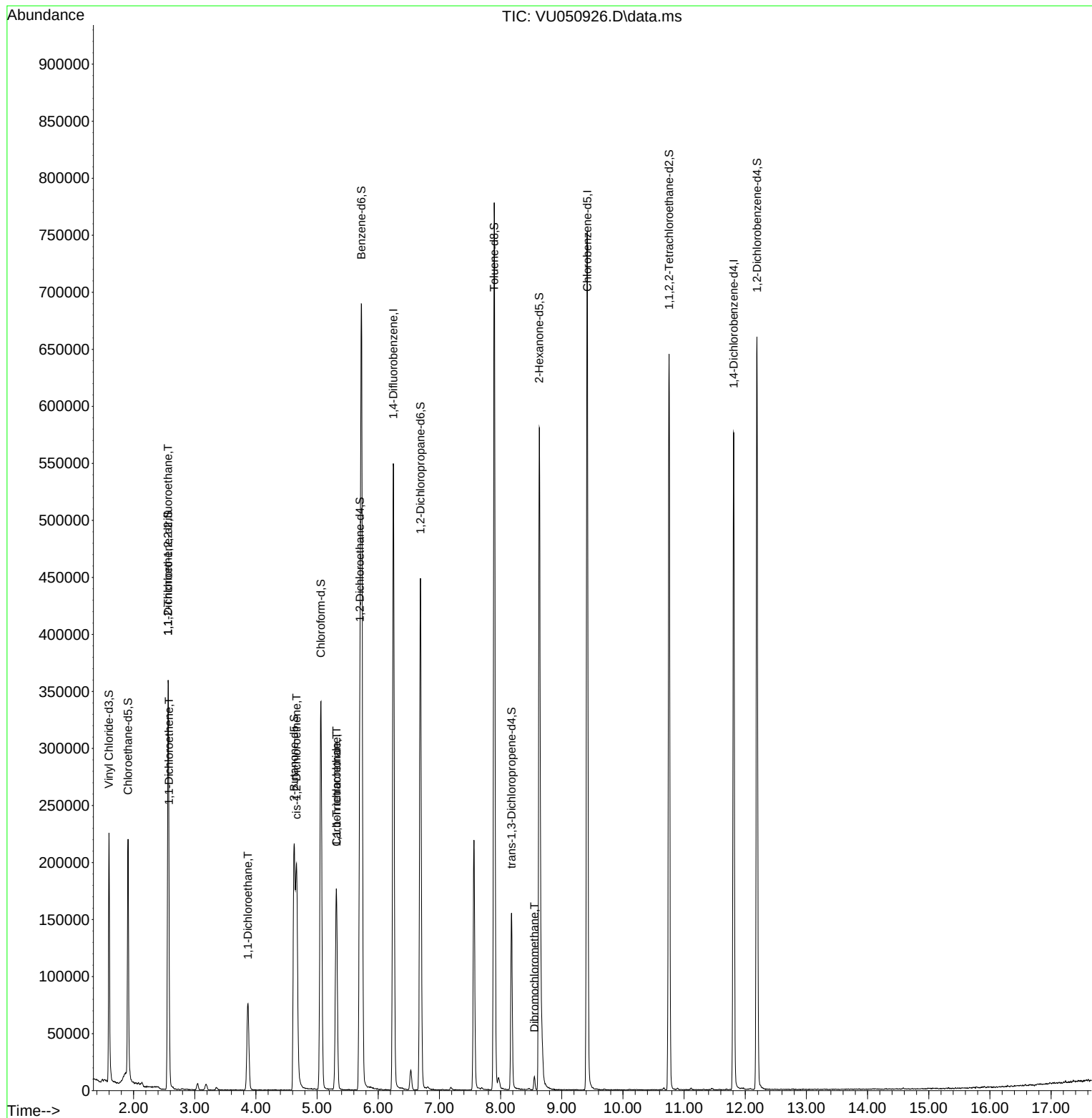
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	425528	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	419103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	150289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	166556	37.779	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.560%		
7) Chloroethane-d5	1.909	69	146941	46.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.600%		
11) 1,1-Dichloroethene-d2	2.565	63	214095	31.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.420%		
21) 2-Butanone-d5	4.623	46	321412	112.923	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.920%		
24) Chloroform-d	5.060	84	322216	46.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.280%		
26) 1,2-Dichloroethane-d4	5.700	65	210911	49.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.060%		
32) Benzene-d6	5.726	84	634756	45.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.960%		
36) 1,2-Dichloropropane-d6	6.690	67	219597	47.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.260%		
41) Toluene-d8	7.896	98	511326	42.375	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.740%		
43) trans-1,3-Dichloroprop...	8.179	79	88330	43.575	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.160%		
47) 2-Hexanone-d5	8.632	63	176933	92.142	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.140%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	327546	46.107	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.220%		
66) 1,2-Dichlorobenzene-d4	12.192	152	169589	53.895	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.780%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1869	0.537	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	4311	1.318	ug/L #	1
19) 1,1-Dichloroethane	3.870	63	89789	13.253	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	88191	23.722	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	128894	23.117	ug/L	99
31) Carbon tetrachloride	5.317	117	16427	3.546	ug/L	95
49) Dibromochloromethane	8.552	129	2522	0.661	ug/L #	10

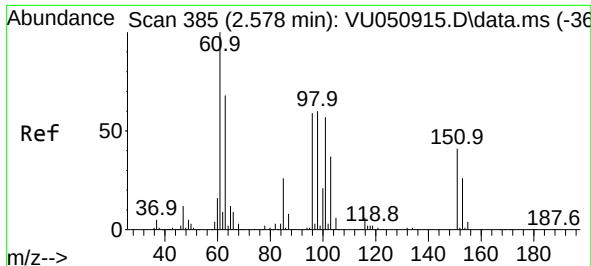
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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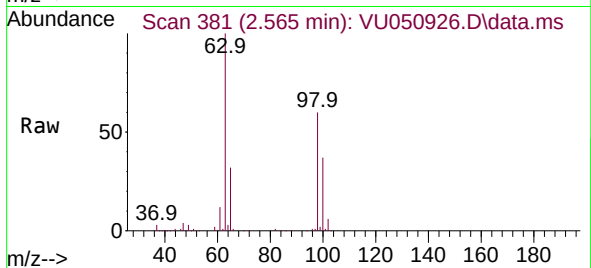
Quant Time: Sep 24 00:25:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration



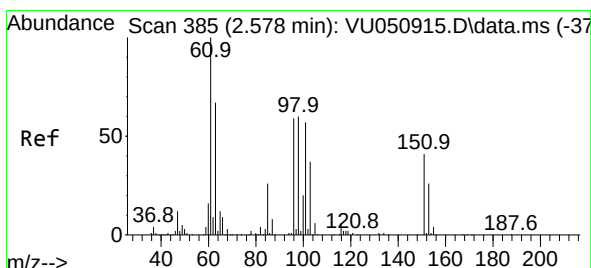
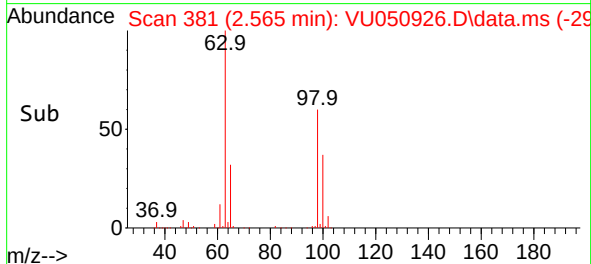
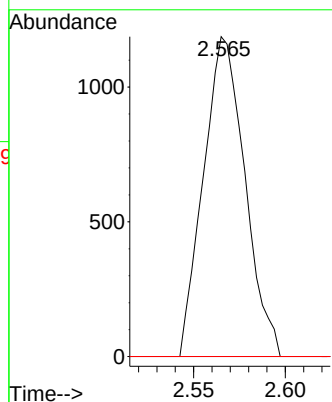


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.537 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050926.D
 Acq: 23 Sep 2022 17:54

Instrument :
 MSVOA_U
 ClientSampleId :

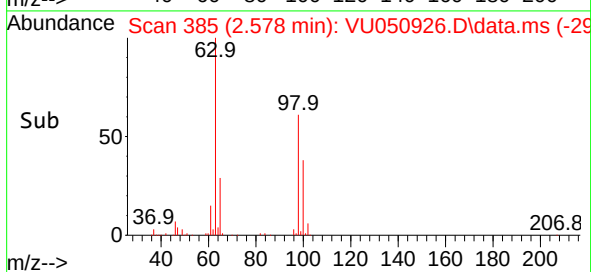
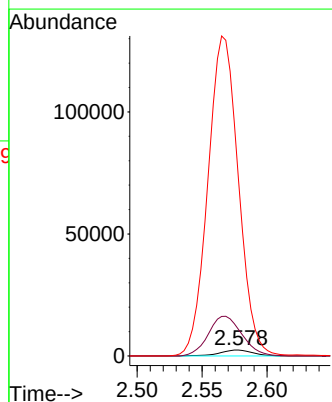
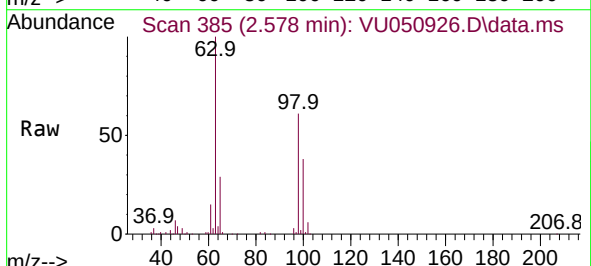


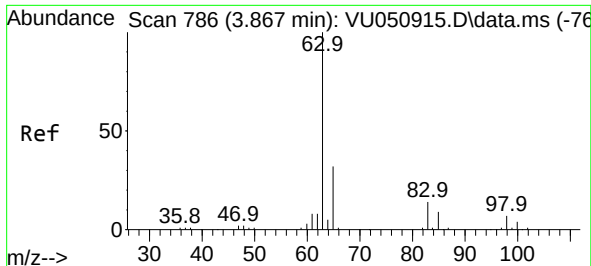
Tgt Ion:101 Resp: 1869
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 1.318 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050926.D
 Acq: 23 Sep 2022 17:54

Tgt Ion: 96 Resp: 4311
 Ion Ratio Lower Upper
 96 100
 61 444.0 118.6 220.2#
 63 2956.5 90.4 168.0#





#19

1,1-Dichloroethane

Concen: 13.253 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU050926.D

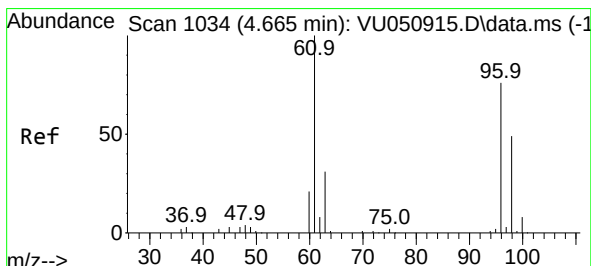
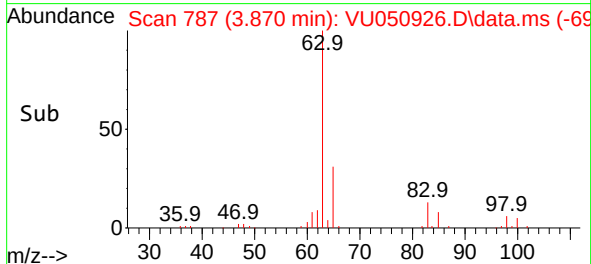
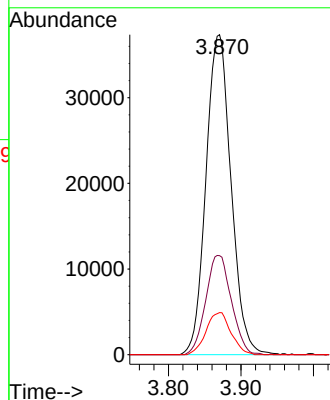
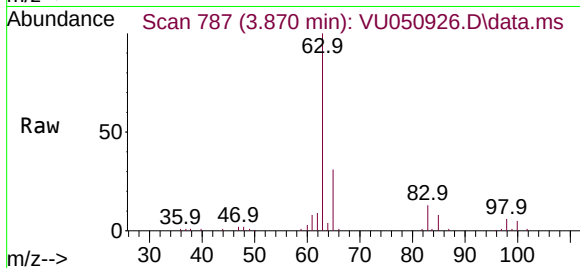
Acq: 23 Sep 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 89789
Ion Ratio	Lower Upper
63	100
65	31.0 21.5 39.9
83	13.8 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 23.722 ug/L

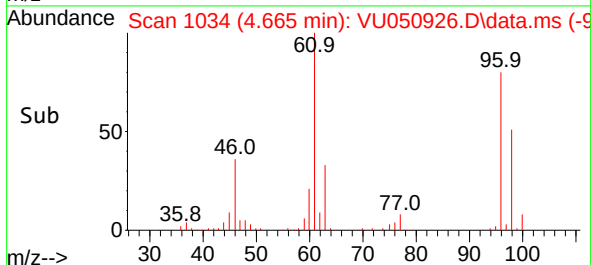
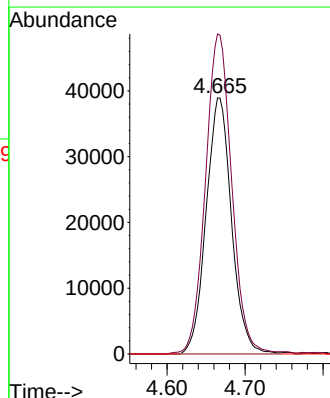
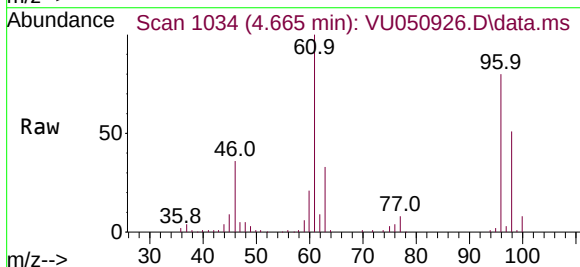
RT: 4.665 min Scan# 1034

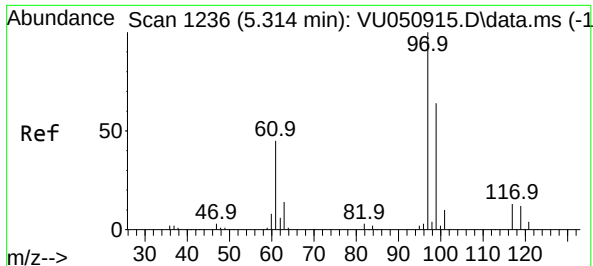
Delta R.T. -0.000 min

Lab File: VU050926.D

Acq: 23 Sep 2022 17:54

Tgt Ion: 96	Resp: 88191
Ion Ratio	Lower Upper
96	100
61	125.0 90.1 167.3
68	0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 23.117 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050926.D

Acq: 23 Sep 2022 17:54

Instrument :

MSVOA_U

ClientSampleId :

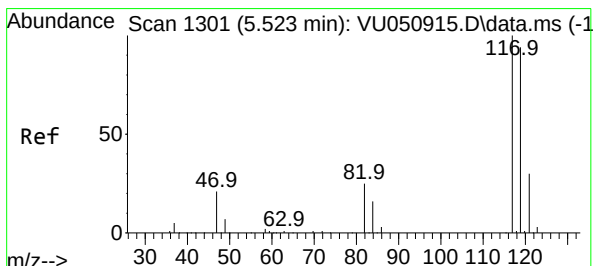
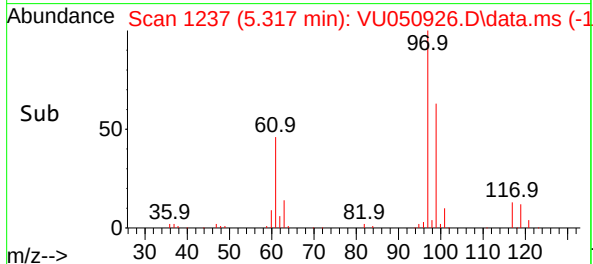
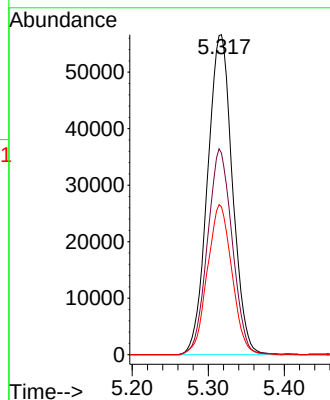
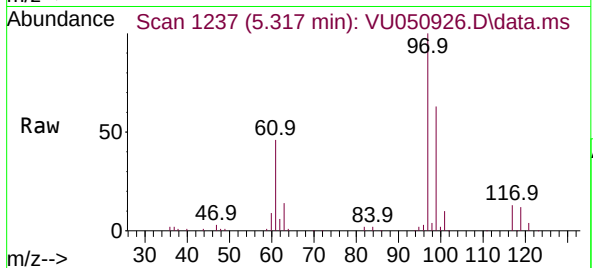
Tgt Ion: 97 Resp: 128894

Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

61 46.3 37.1 55.7



#31

Carbon tetrachloride

Concen: 3.546 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.206 min

Lab File: VU050926.D

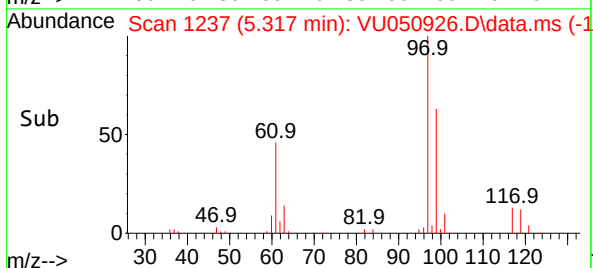
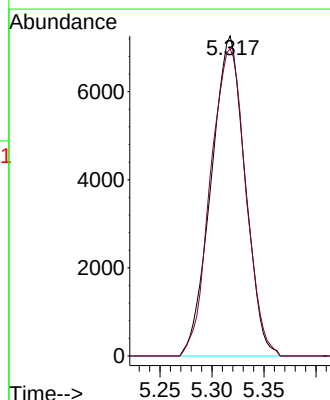
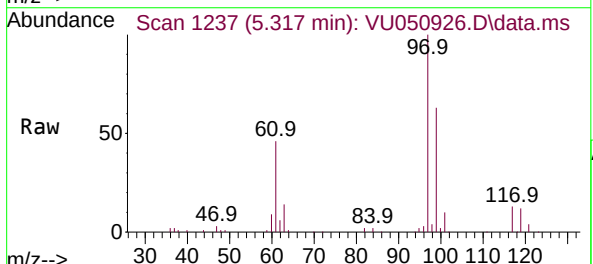
Acq: 23 Sep 2022 17:54

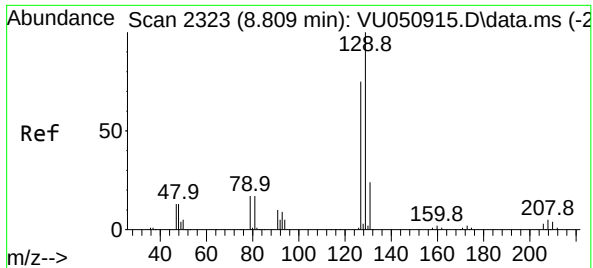
Tgt Ion: 117 Resp: 16427

Ion Ratio Lower Upper

117 100

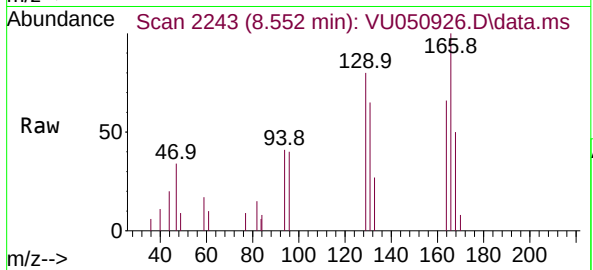
119 99.7 76.0 114.0





#49
 Dibromochloromethane
 Concen: 0.661 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU050926.D
 Acq: 23 Sep 2022 17:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 2522
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.1#

