

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050989.D
 Acq On : 29 Sep 2022 19:16
 Operator : JC/MD
 Sample : N4869-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:50:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

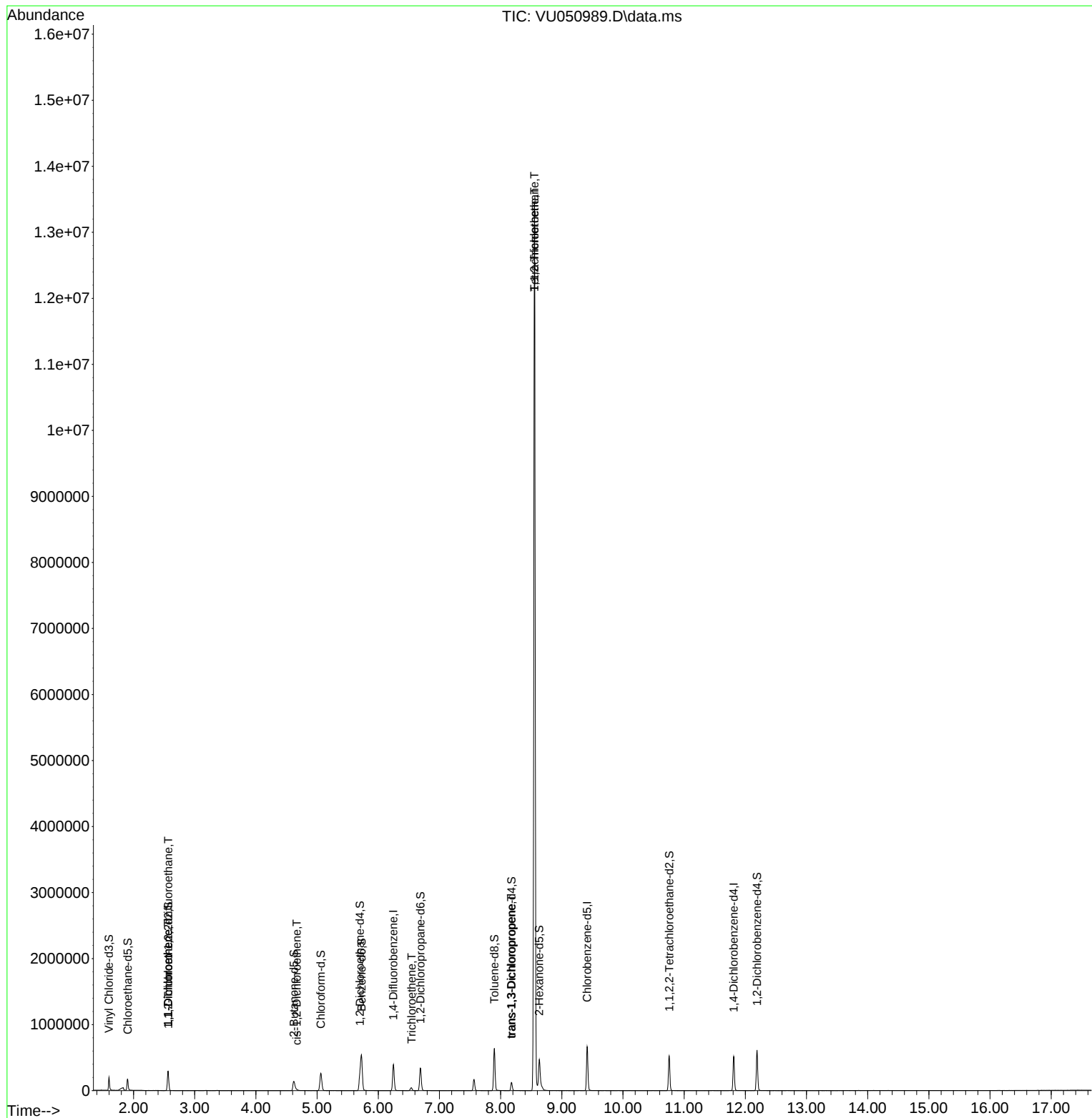
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	316771	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	359856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	135882	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	146051	45.494	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	90.980%	
7) Chloroethane-d5	1.903	69	129444	43.407	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	86.820%	
11) 1,1-Dichloroethene-d2	2.565	63	168918	35.621	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.240%	
21) 2-Butanone-d5	4.620	46	202028	97.028	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.030%	
24) Chloroform-d	5.060	84	244714	47.313	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.620%	
26) 1,2-Dichloroethane-d4	5.700	65	158697	49.571	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.140%	
32) Benzene-d6	5.726	84	503689	47.798	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.687	67	164226	48.027	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.060%	
41) Toluene-d8	7.896	98	425626	43.716	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.440%	
43) trans-1,3-Dichloroprop...	8.179	79	68995	42.303	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.600%	
47) 2-Hexanone-d5	8.629	63	139307	100.894	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.890%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	265908	44.495	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.980%	
66) 1,2-Dichlorobenzene-d4	12.192	152	157147	54.136	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.280%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	1542	0.638	ug/L #	22
12) 1,1-Dichloroethene	2.562	96	1504	0.666	ug/L #	1
20) cis-1,2-Dichloroethene	4.668	96	3379	1.259	ug/L	95
34) Trichloroethene	6.546	95	12254	4.312	ug/L	95
44) trans-1,3-Dichloropropene	8.173	75	3191	0.754	ug/L	96
45) 1,1,2-Trichloroethane	8.552	97	24543	7.669	ug/L #	1
46) Tetrachloroethene	8.552	164	2823476	1311.158	ug/L	98

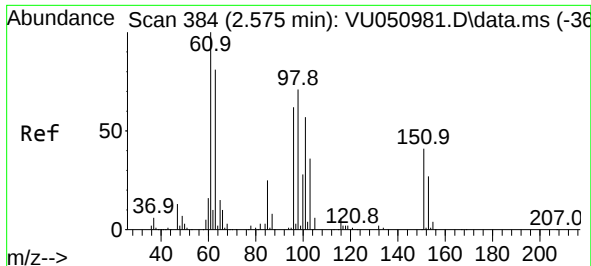
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 30 01:30:03 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.638 ug/L

RT: 2.569 min Scan# 382

Delta R.T. -0.006 min

Lab File: VU050989.D

Acq: 29 Sep 2022 19:16

Instrument :

MSVOA_U

ClientSampleId :

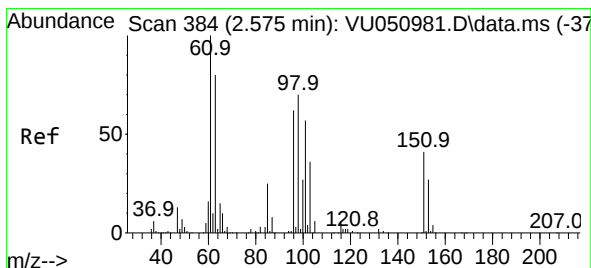
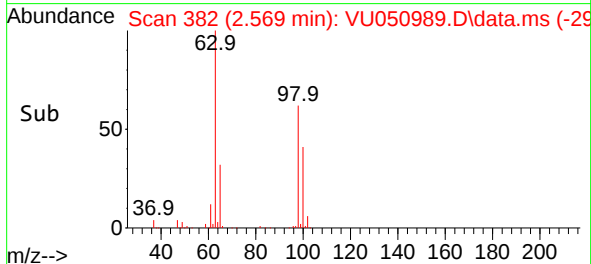
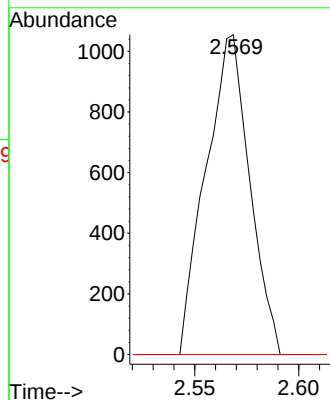
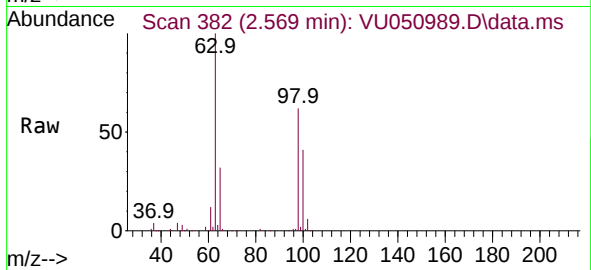
Tgt Ion:101 Resp: 1542

Ion Ratio Lower Upper

101 100

85 2.7 34.6 52.0#

151 0.0 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.666 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU050989.D

Acq: 29 Sep 2022 19:16

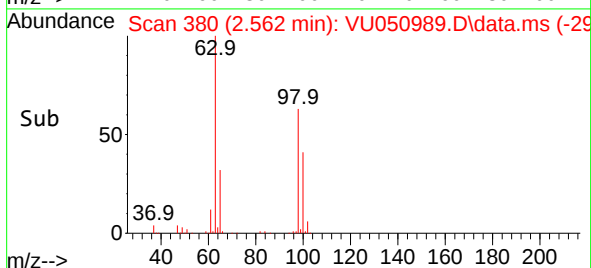
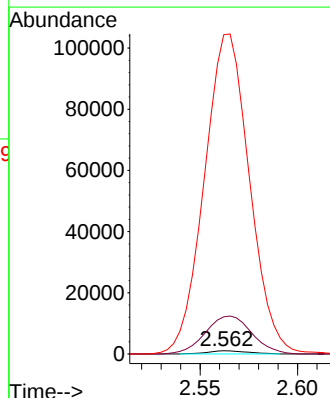
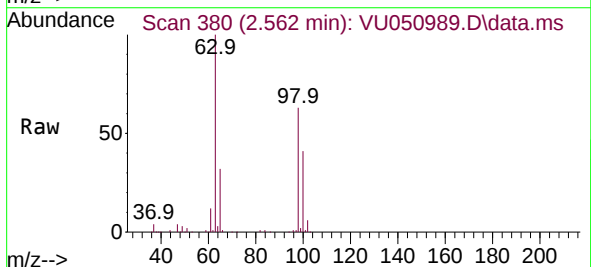
Tgt Ion: 96 Resp: 1504

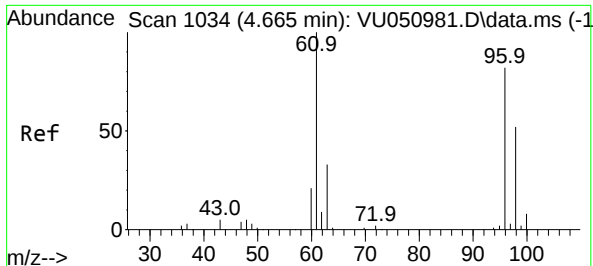
Ion Ratio Lower Upper

96 100

61 1162.5 113.0 209.9#

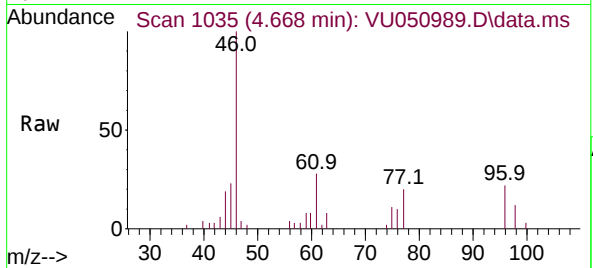
63 9985.1 91.7 170.3#



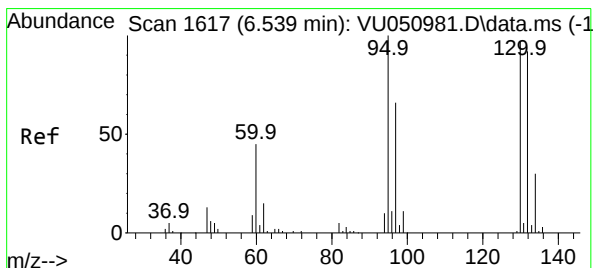
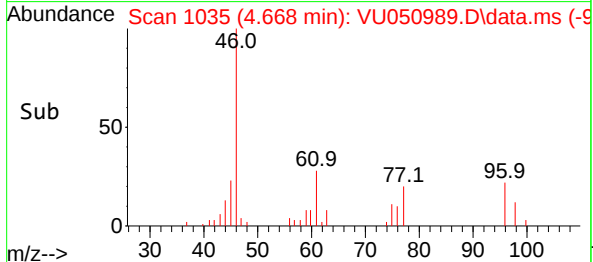
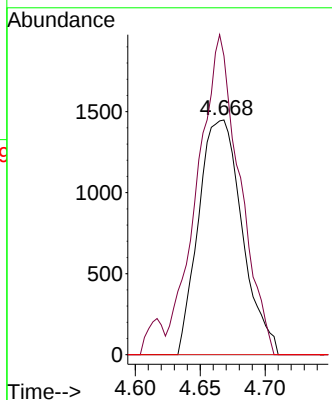


#20
cis-1,2-Dichloroethene
Concen: 1.259 ug/L
RT: 4.668 min Scan# 1034
Delta R.T. 0.004 min
Lab File: VU050989.D
Acq: 29 Sep 2022 19:16

Instrument :
MSVOA_U
ClientSampleId :

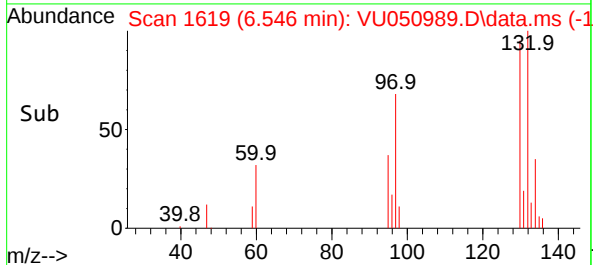
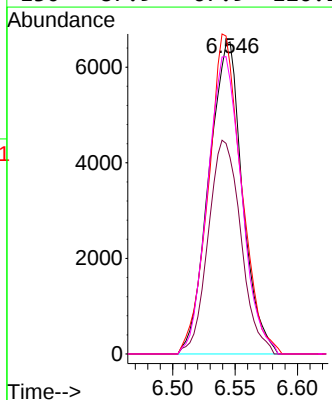
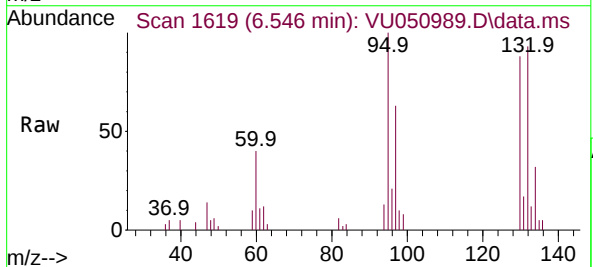


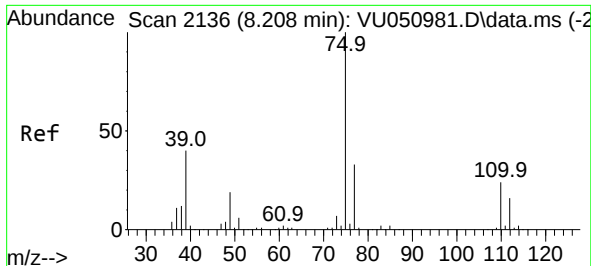
Tgt Ion: 96 Resp: 3379
Ion Ratio Lower Upper
96 100
61 127.3 85.4 158.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 4.312 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.007 min
Lab File: VU050989.D
Acq: 29 Sep 2022 19:16

Tgt Ion: 95 Resp: 12254
Ion Ratio Lower Upper
95 100
97 62.9 45.9 85.3
132 92.6 64.0 119.0
130 87.9 67.9 126.1

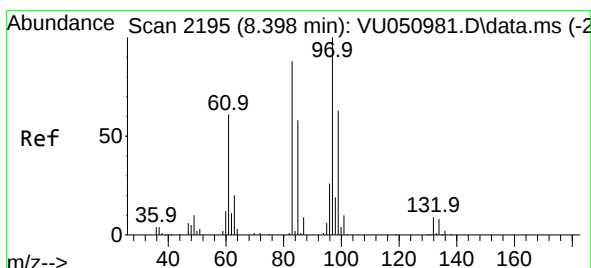
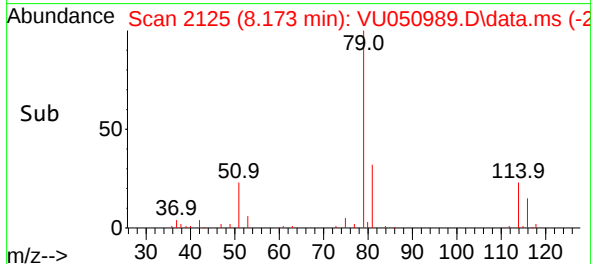
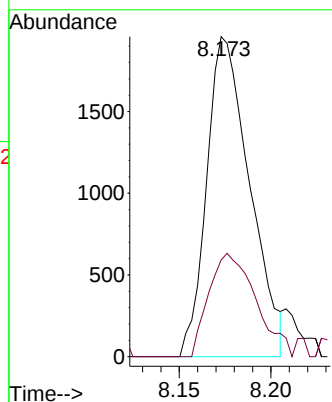
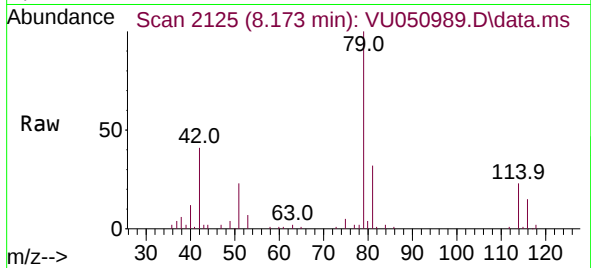




#44
trans-1,3-Dichloropropene
Concen: 0.754 ug/L
RT: 8.173 min Scan# 2136
Delta R.T. -0.035 min
Lab File: VU050989.D
Acq: 29 Sep 2022 19:16

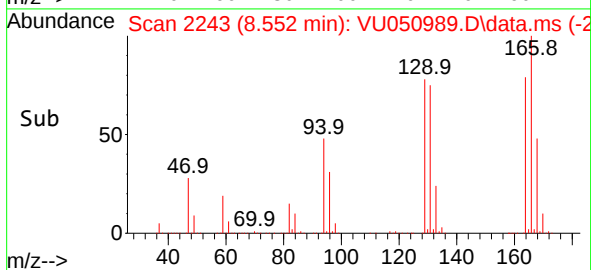
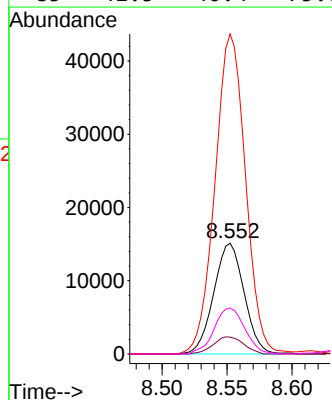
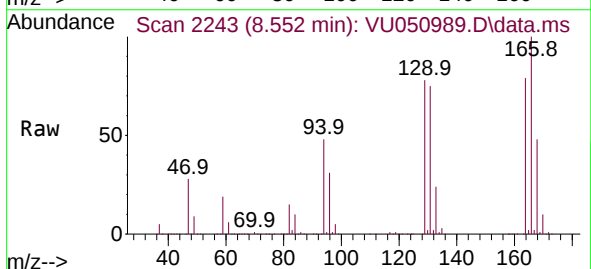
Instrument :
MSVOA_U
ClientSampleId :

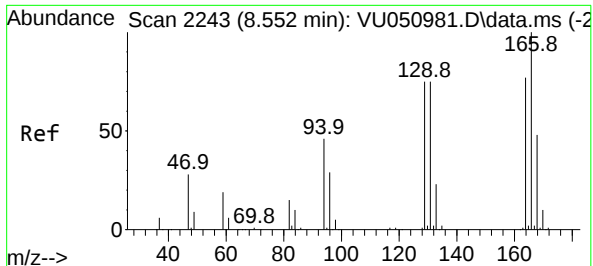
Tgt Ion: 75 Resp: 3191
Ion Ratio Lower Upper
75 100
77 30.2 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 7.669 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.155 min
Lab File: VU050989.D
Acq: 29 Sep 2022 19:16

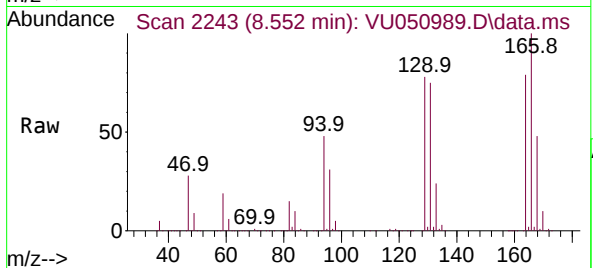
Tgt Ion: 97 Resp: 24543
Ion Ratio Lower Upper
97 100
99 15.1 44.4 82.4#
83 289.1 61.7 114.5#
85 41.5 40.4 75.0





#46
 Tetrachloroethene
 Concen: 1311.158 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU050989.D
 Acq: 29 Sep 2022 19:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:164 Resp: 2823476

Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.1	126.5
131	94.0	67.8	126.0
166	126.0	90.5	168.1

