

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050681.D
 Acq On : 08 Sep 2022 13:01
 Operator : SY/MD
 Sample : N4475-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 22:54:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

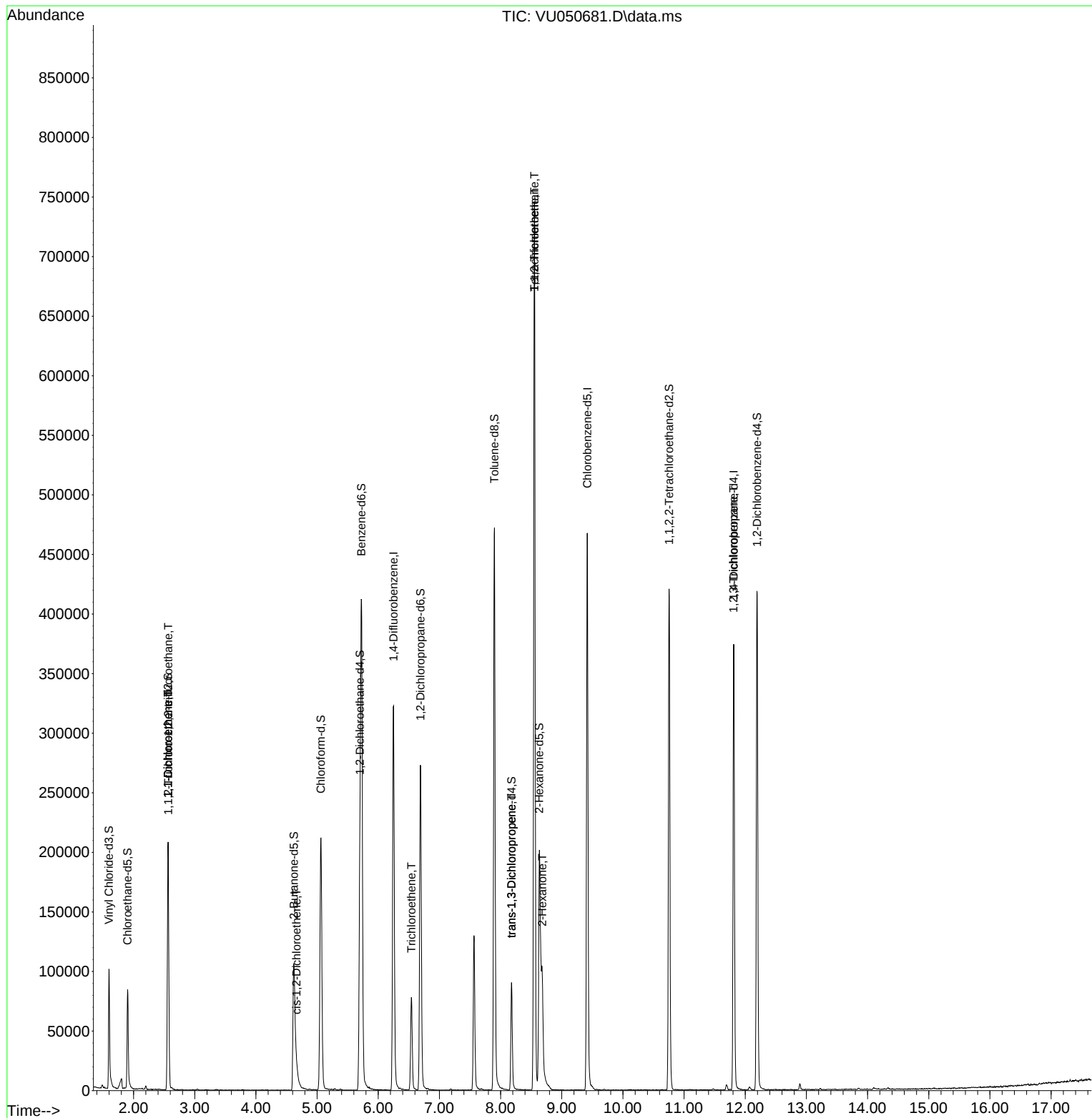
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	273172	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	278395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	105188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82575	35.342	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.680%		
7) Chloroethane-d5	1.903	69	67372	42.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.280%		
11) 1,1-Dichloroethene-d2	2.565	63	123276	29.857	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.720%#		
21) 2-Butanone-d5	4.620	46	153157	89.595	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.600%		
24) Chloroform-d	5.063	84	205633	46.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.880%		
26) 1,2-Dichloroethane-d4	5.700	65	137405	50.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.560%		
32) Benzene-d6	5.726	84	392937	42.710	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.420%		
36) 1,2-Dichloropropane-d6	6.690	67	137783	45.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.240%		
41) Toluene-d8	7.899	98	324399	41.233	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.460%		
43) trans-1,3-Dichloroprop...	8.179	79	53782	43.033	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.060%		
47) 2-Hexanone-d5	8.632	63	58180	76.574	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.570%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	218273	47.752	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.500%		
66) 1,2-Dichlorobenzene-d4	12.192	152	115811	47.032	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.060%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1134	0.531	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1252	0.604	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	3965	1.598	ug/L	77
34) Trichloroethene	6.542	95	27356	11.588	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	2464	0.725	ug/L #	78
45) 1,1,2-Trichloroethane	8.552	97	1502	0.584	ug/L #	23
46) Tetrachloroethene	8.552	164	165225	95.823	ug/L	98
48) 2-Hexanone	8.680	43	48390	14.218	ug/L	91
60) 1,2,3-Trichloropropane	11.809	75	12231	3.963	ug/L #	67

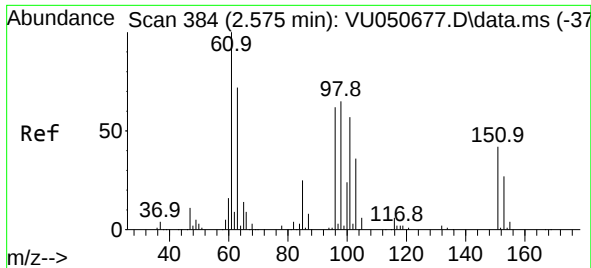
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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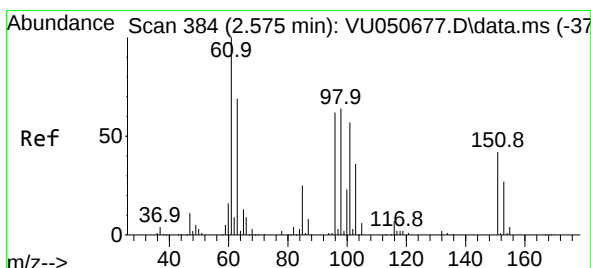
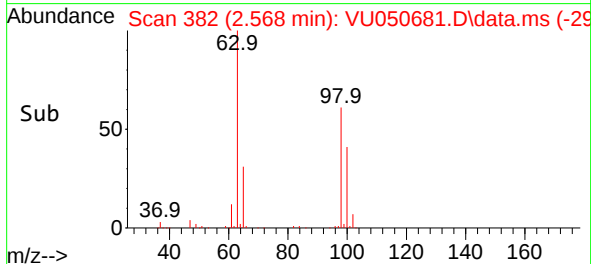
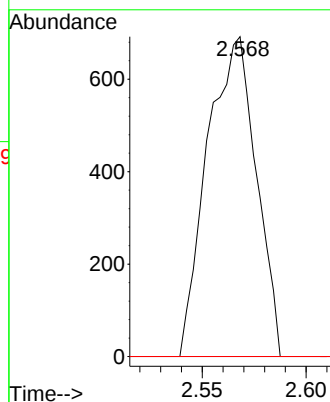
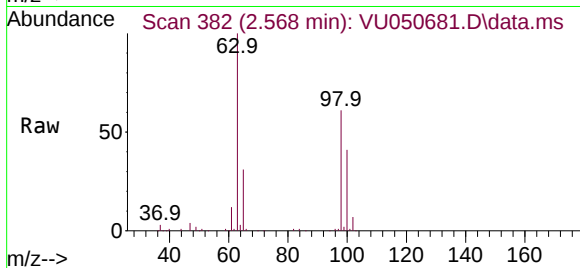




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.531 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU050681.D
Acq: 08 Sep 2022 13:01

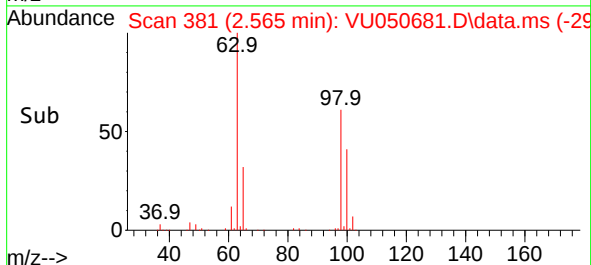
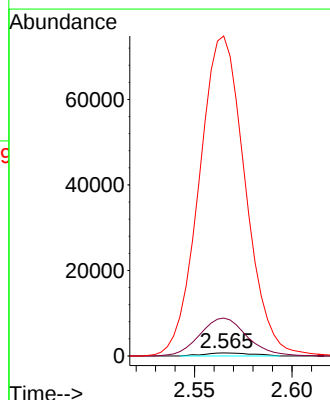
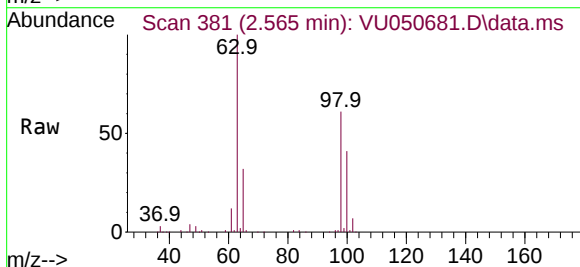
Instrument :
MSVOA_U
ClientSampleId :

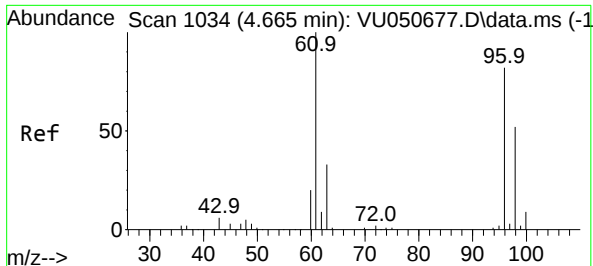
Tgt Ion:101 Resp: 1134
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6#
151 0.0 57.7 86.5#



#12
1,1-Dichloroethene
Concen: 0.604 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU050681.D
Acq: 08 Sep 2022 13:01

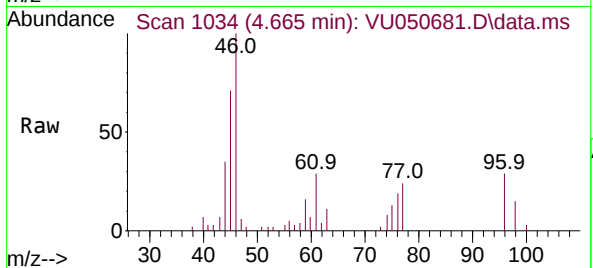
Tgt Ion: 96 Resp: 1252
Ion Ratio Lower Upper
96 100
61 1246.6 118.0 219.1#
63 10526.0 79.5 147.7#



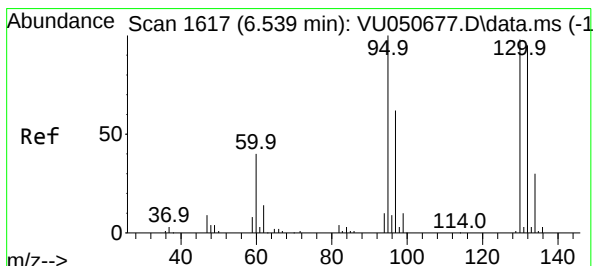
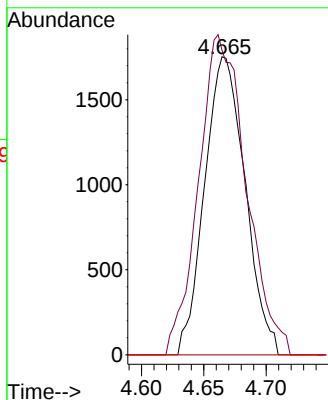
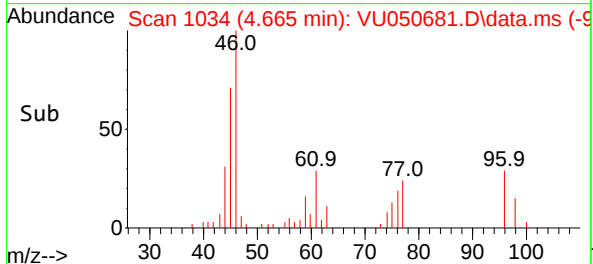


#20
cis-1,2-Dichloroethene
Concen: 1.598 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050681.D
Acq: 08 Sep 2022 13:01

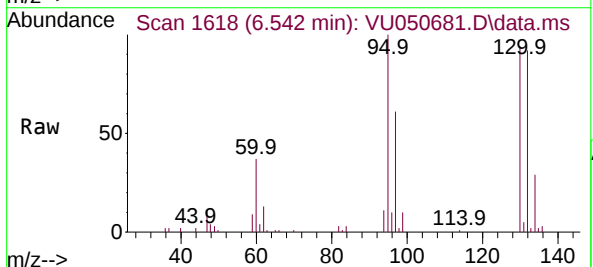
Instrument :
MSVOA_U
ClientSampleId :



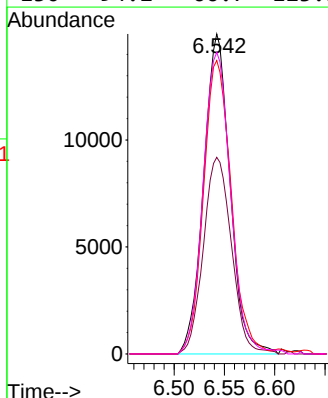
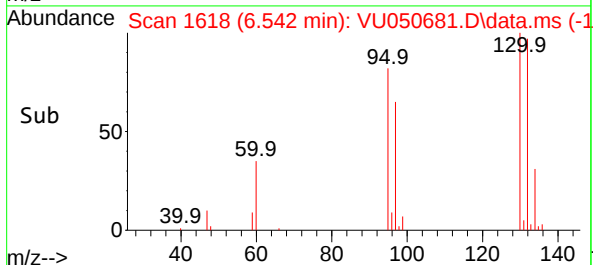
Tgt Ion: 96 Resp: 3965
Ion Ratio Lower Upper
96 100
61 102.2 89.8 166.8
68 0.0 0.0 0.0

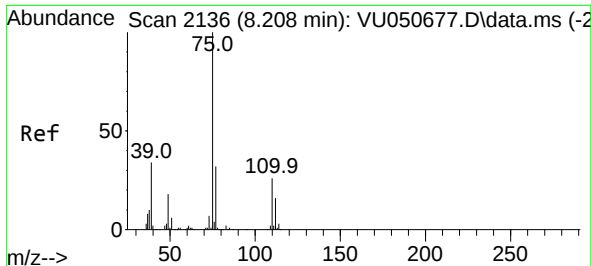


#34
Trichloroethene
Concen: 11.588 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050681.D
Acq: 08 Sep 2022 13:01



Tgt Ion: 95 Resp: 27356
Ion Ratio Lower Upper
95 100
97 61.5 45.4 84.2
132 91.7 65.2 121.2
130 94.2 66.7 123.9

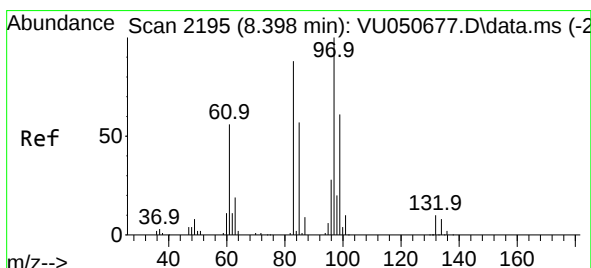
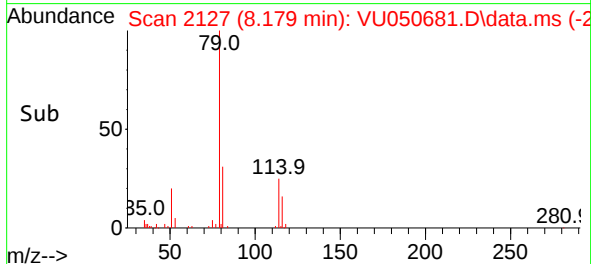
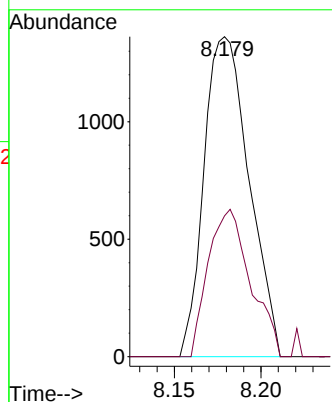
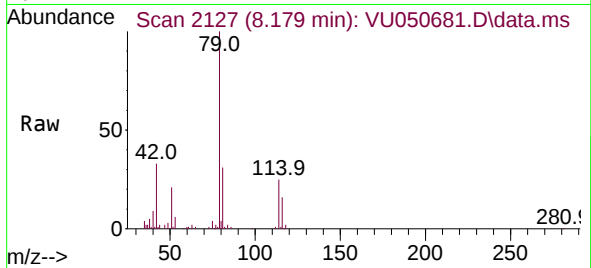




#44
trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU050681.D
Acq: 08 Sep 2022 13:01

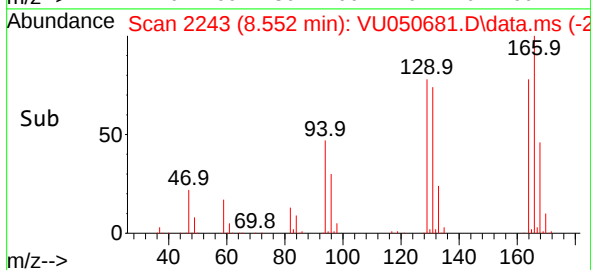
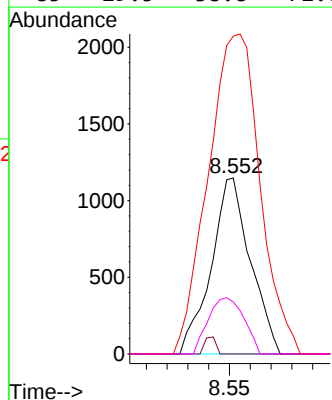
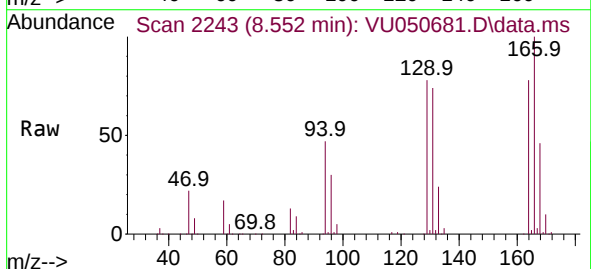
Instrument :
MSVOA_U
ClientSampleId :

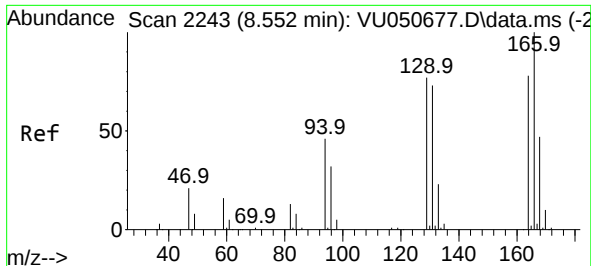
Tgt Ion: 75 Resp: 2464
Ion Ratio Lower Upper
75 100
77 44.0 22.1 41.1#



#45
1,1,2-Trichloroethane
Concen: 0.584 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.154 min
Lab File: VU050681.D
Acq: 08 Sep 2022 13:01

Tgt Ion: 97 Resp: 1502
Ion Ratio Lower Upper
97 100
99 0.0 43.5 80.9#
83 180.5 61.6 114.4#
85 29.5 38.8 72.0#





#46

Tetrachloroethene

Concen: 95.823 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

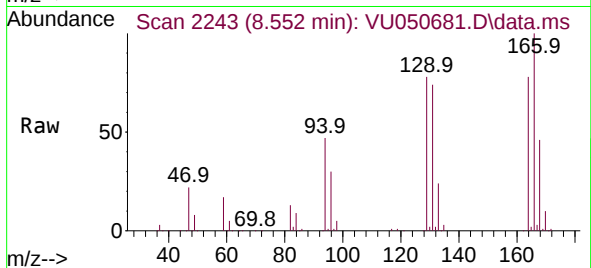
Lab File: VU050681.D

Acq: 08 Sep 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 165225

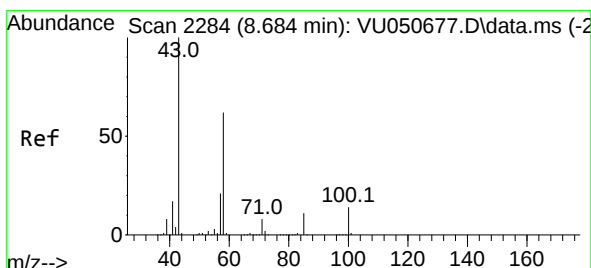
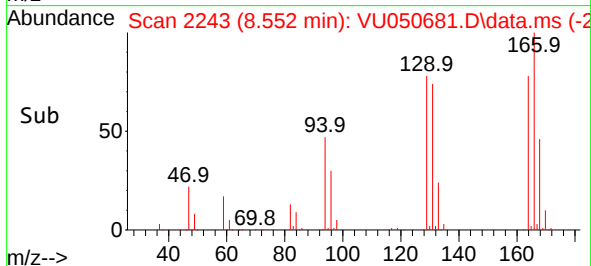
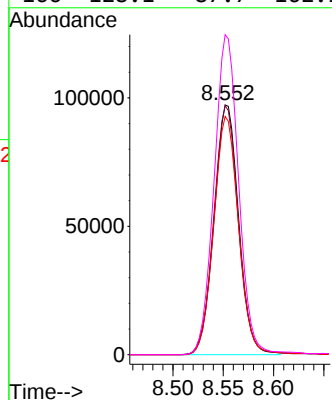
Ion Ratio Lower Upper

164 100

129 99.7 68.7 127.5

131 95.4 66.2 123.0

166 128.1 87.7 162.9



#48

2-Hexanone

Concen: 14.218 ug/L

RT: 8.680 min Scan# 2283

Delta R.T. -0.003 min

Lab File: VU050681.D

Acq: 08 Sep 2022 13:01

Tgt Ion: 43 Resp: 48390

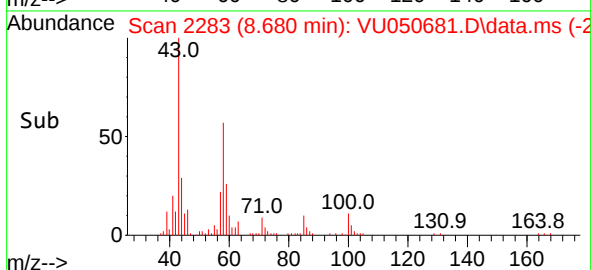
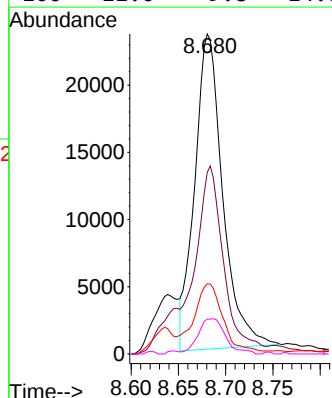
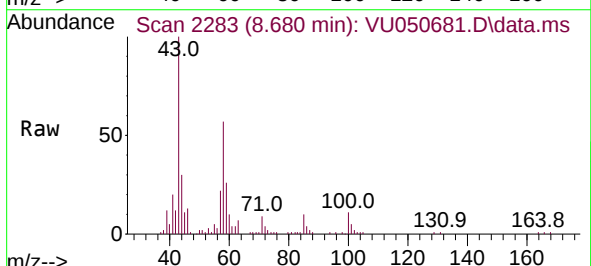
Ion Ratio Lower Upper

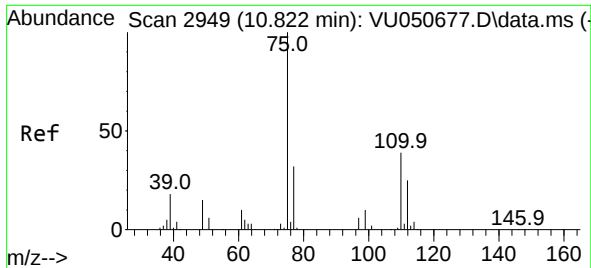
43 100

58 55.1 51.8 77.6

57 22.2 17.0 25.4

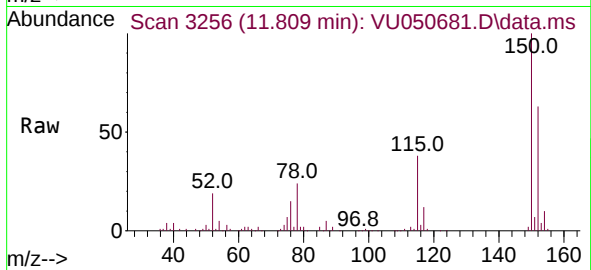
100 11.0 9.8 14.8





#60
 1,2,3-Trichloropropane
 Concen: 3.963 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050681.D
 Acq: 08 Sep 2022 13:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	12231
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.8
110	0.7	29.3	43.9#

