

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050988.D
 Acq On : 29 Sep 2022 18:53
 Operator : JC/MD
 Sample : N4869-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:50:44 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)

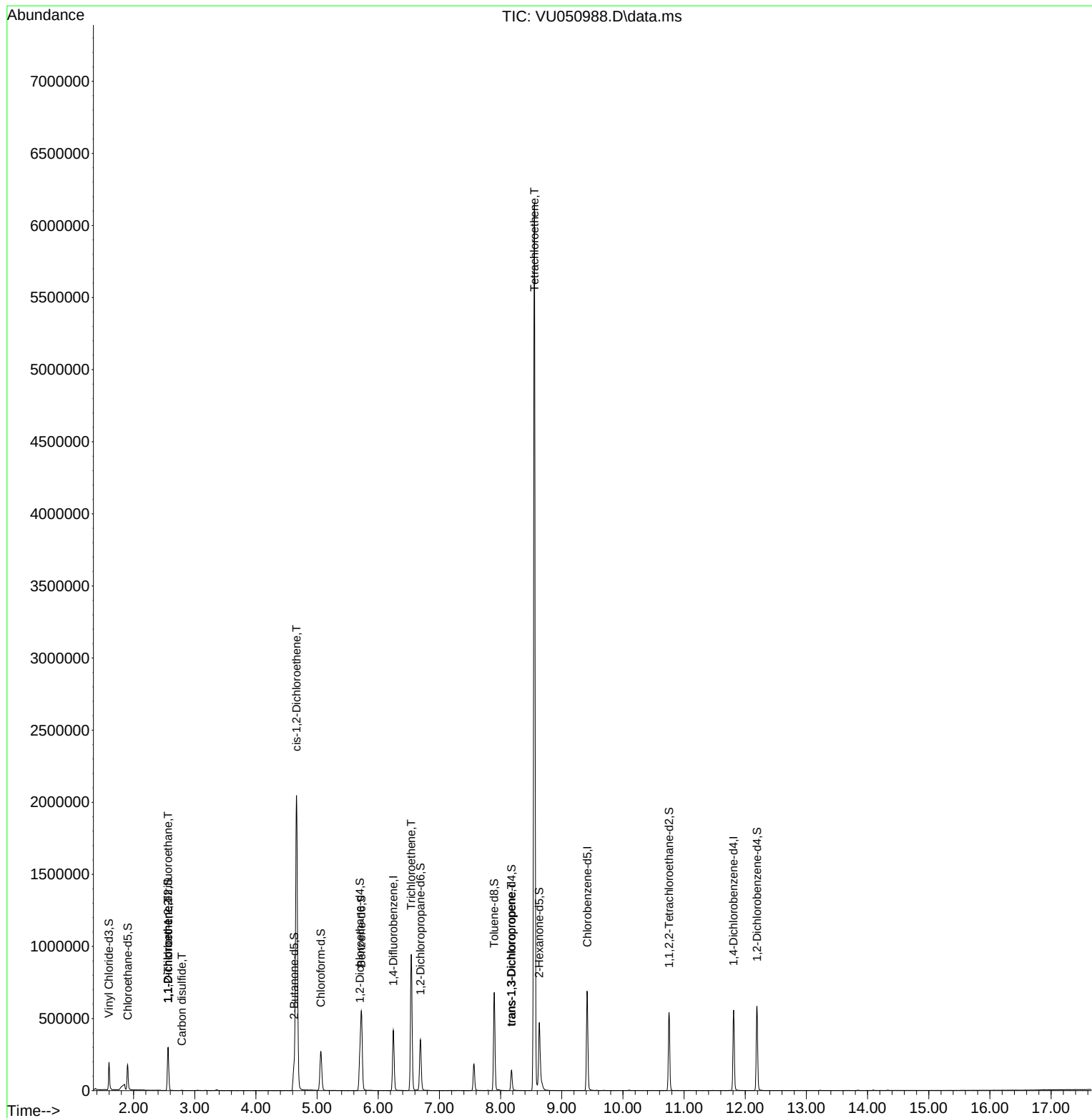
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	331032	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389109	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	147621	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	146448	43.653	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.300%		
7) Chloroethane-d5	1.903	69	133300	42.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.540%		
11) 1,1-Dichloroethene-d2	2.562	63	169534	34.210	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.420%		
21) 2-Butanone-d5	4.623	46	218818	100.564	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.560%		
24) Chloroform-d	5.060	84	249083	46.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.160%		
26) 1,2-Dichloroethane-d4	5.700	65	160820	48.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.140%		
32) Benzene-d6	5.726	84	507806	44.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.140%		
36) 1,2-Dichloropropane-d6	6.690	67	169507	45.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.680%		
41) Toluene-d8	7.896	98	452899	43.020	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.040%		
43) trans-1,3-Dichloroprop...	8.179	79	76902	43.606	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.220%		
47) 2-Hexanone-d5	8.632	63	142135	95.203	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.200%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	269266	41.669	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.340%		
66) 1,2-Dichlorobenzene-d4	12.192	152	156839	49.733	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.460%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1770	0.700	ug/L #	23
12) 1,1-Dichloroethene	2.562	96	1766	0.748	ug/L #	1
14) Carbon disulfide	2.790	76	3543	0.508	ug/L #	89
20) cis-1,2-Dichloroethene	4.665	96	1083605	386.433	ug/L	100
34) Trichloroethene	6.539	95	318929	103.800	ug/L	99
44) trans-1,3-Dichloropropene	8.176	75	3474	0.759	ug/L	87
46) Tetrachloroethene	8.552	164	1294727	556.041	ug/L	98

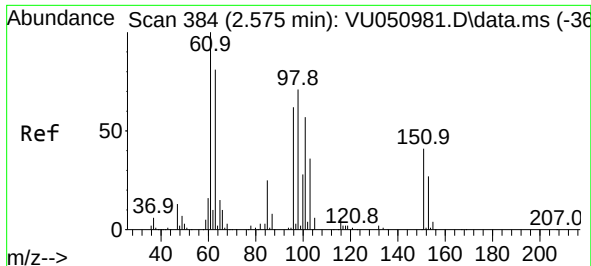
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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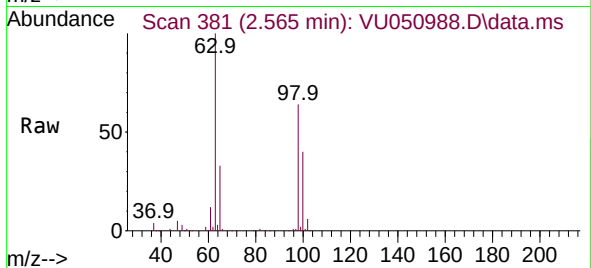
Quant Time: Sep 30 01:50:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 01:30:03 2022
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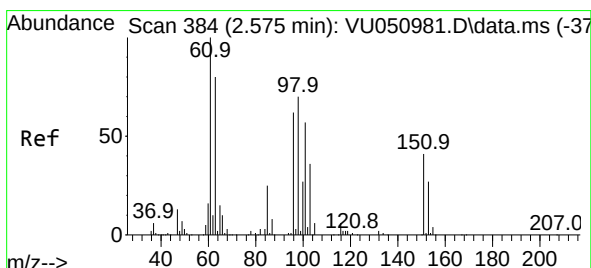
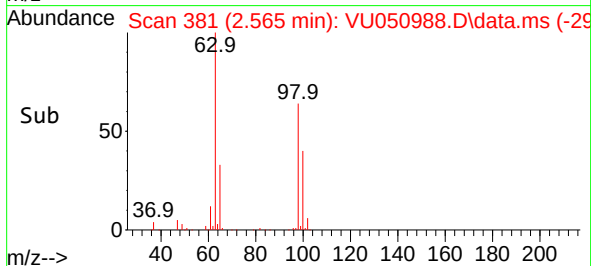
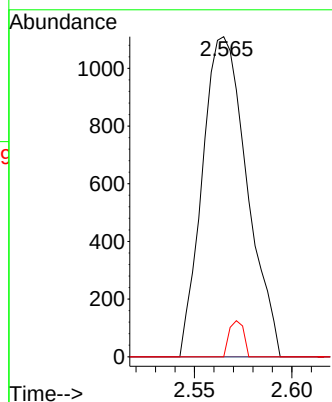


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.700 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU050988.D
 Acq: 29 Sep 2022 18:53

Instrument :
 MSVOA_U
 ClientSampleId :

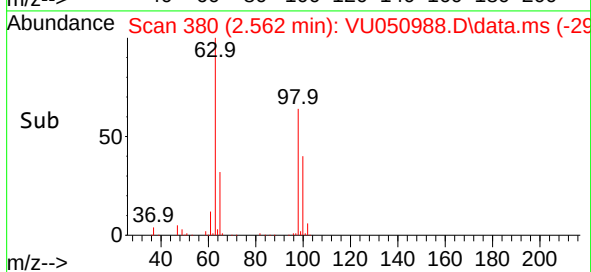
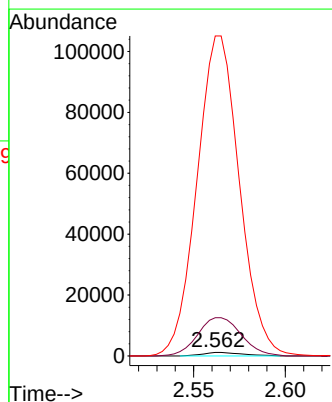
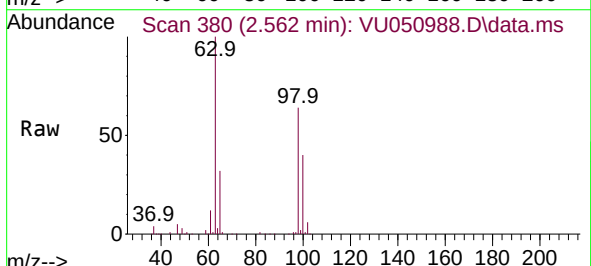


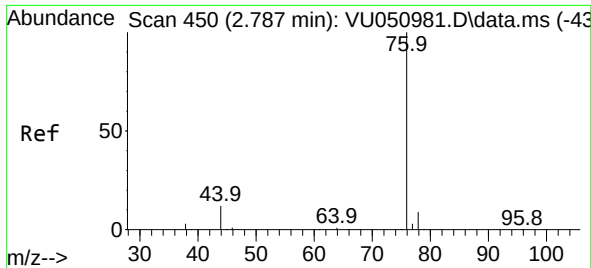
Tgt Ion:101 Resp: 1770
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 3.6 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.748 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU050988.D
 Acq: 29 Sep 2022 18:53

Tgt Ion: 96 Resp: 1766
 Ion Ratio Lower Upper
 96 100
 61 1083.1 113.0 209.9#
 63 9067.8 91.7 170.3#

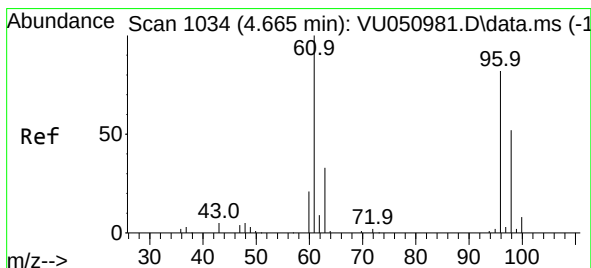
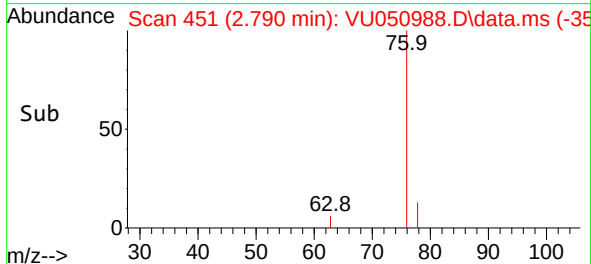
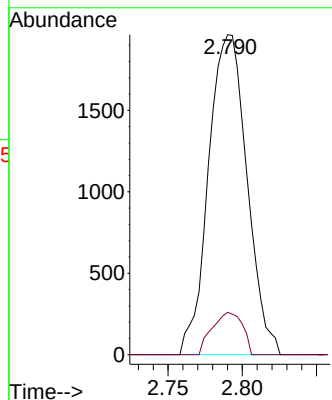
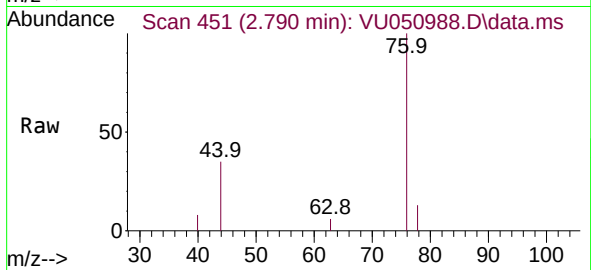




#14
Carbon disulfide
Concen: 0.508 ug/L
RT: 2.790 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU050988.D
Acq: 29 Sep 2022 18:53

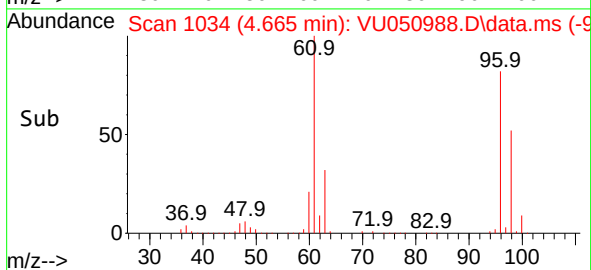
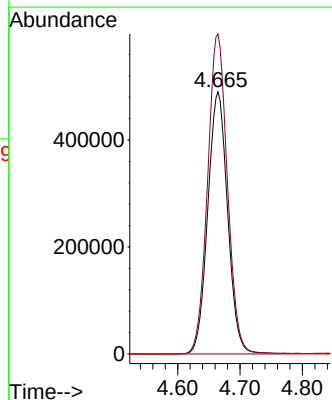
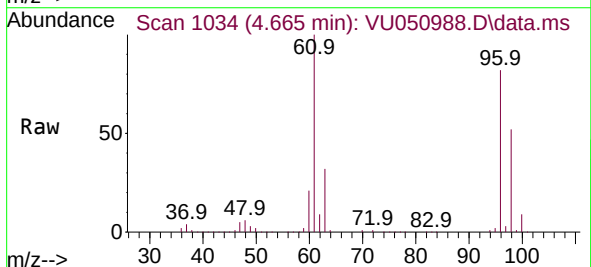
Instrument :
MSVOA_U
ClientSampleId :

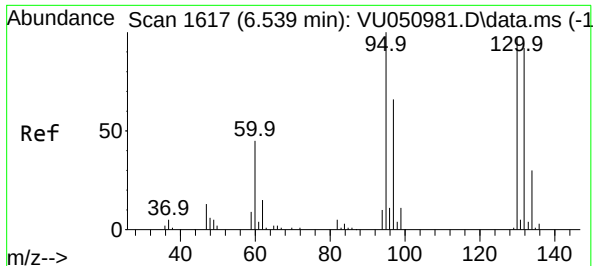
Tgt Ion: 76 Resp: 3543
Ion Ratio Lower Upper
76 100
78 13.2 7.4 11.0#



#20
cis-1,2-Dichloroethene
Concen: 386.433 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050988.D
Acq: 29 Sep 2022 18:53

Tgt Ion: 96 Resp: 1083605
Ion Ratio Lower Upper
96 100
61 122.1 85.4 158.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 103.800 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

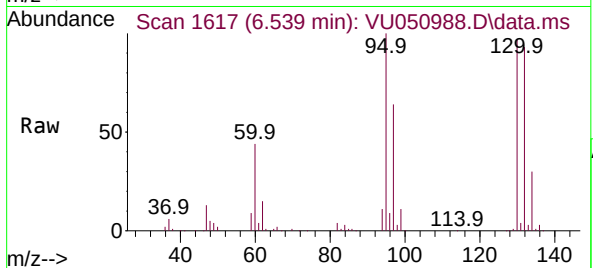
Lab File: VU050988.D

Acq: 29 Sep 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 318929

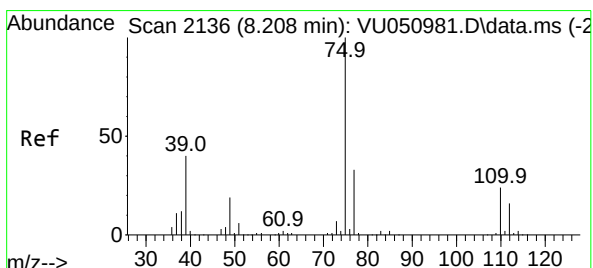
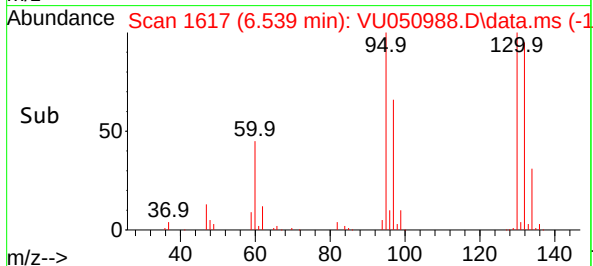
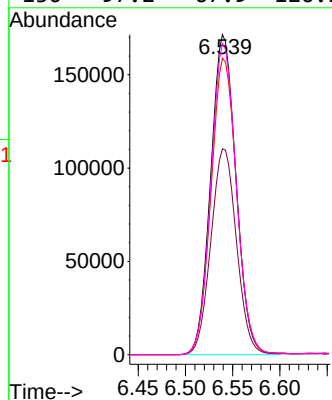
Ion Ratio Lower Upper

95 100

97 64.3 45.9 85.3

132 92.7 64.0 119.0

130 97.2 67.9 126.1



#44

trans-1,3-Dichloropropene

Concen: 0.759 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU050988.D

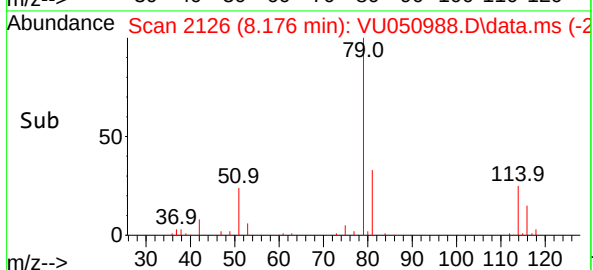
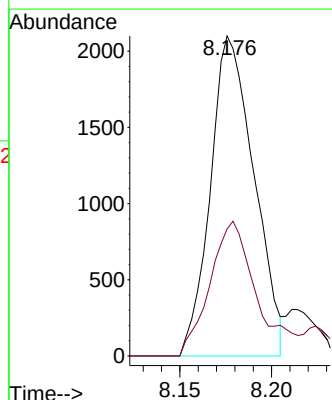
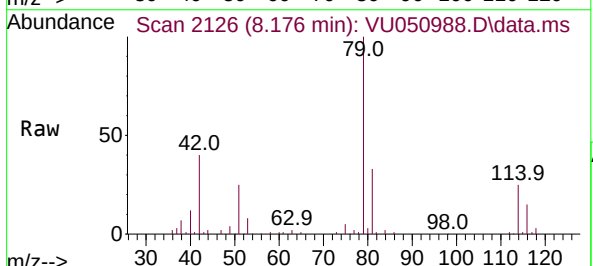
Acq: 29 Sep 2022 18:53

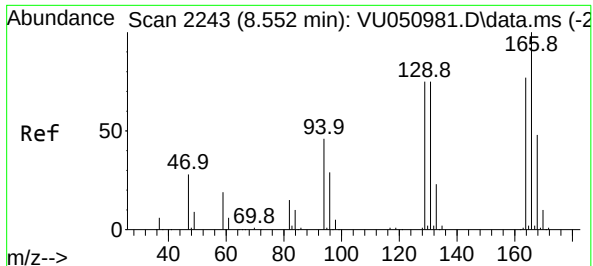
Tgt Ion: 75 Resp: 3474

Ion Ratio Lower Upper

75 100

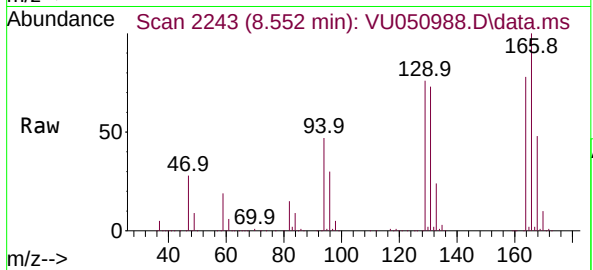
77 39.7 22.7 42.3





#46
 Tetrachloroethene
 Concen: 556.041 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU050988.D
 Acq: 29 Sep 2022 18:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:164 Resp: 1294727

Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.1	126.5
131	93.9	67.8	126.0
166	128.0	90.5	168.1

