

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050991.D
 Acq On : 29 Sep 2022 20:03
 Operator : JC/MD
 Sample : N4869-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:51:18 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)

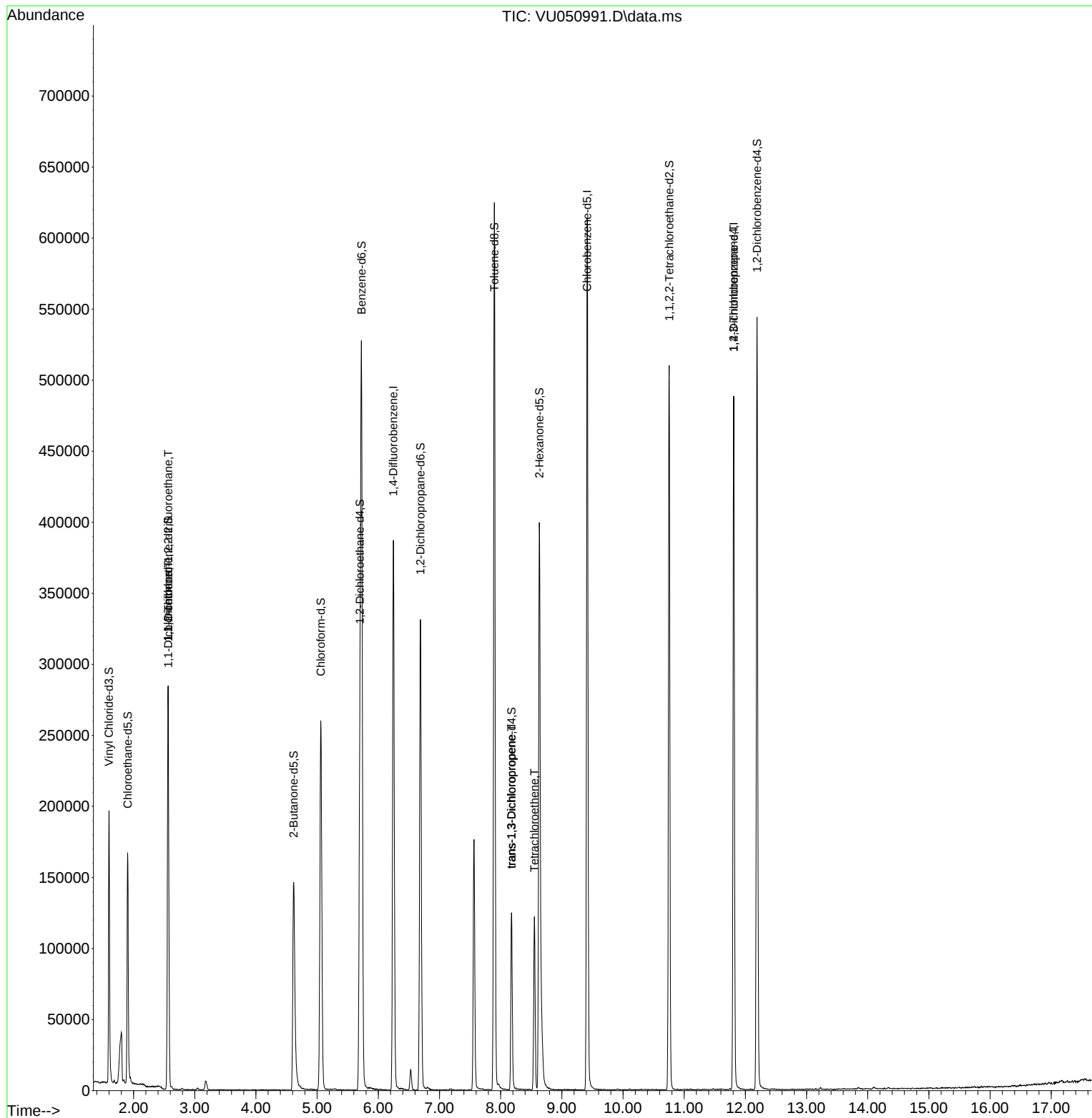
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	314290	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	335014	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	127456	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	140819	44.211	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.420%	
7) Chloroethane-d5	1.903	69	123914	41.880	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	83.760%	
11) 1,1-Dichloroethene-d2	2.565	63	164845	35.036	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.080%	
21) 2-Butanone-d5	4.616	46	198178	95.930	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	95.930%	
24) Chloroform-d	5.060	84	242223	47.201	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.700	65	158489	49.897	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.800%	
32) Benzene-d6	5.726	84	486818	49.622	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.240%	
36) 1,2-Dichloropropane-d6	6.687	67	160246	50.338	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.680%	
41) Toluene-d8	7.896	98	415120	45.798	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	8.179	79	67937	44.743	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.480%	
47) 2-Hexanone-d5	8.632	63	119521	92.983	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.980%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	252173	45.325	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.660%	
66) 1,2-Dichlorobenzene-d4	12.192	152	144479	53.062	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.120%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1622	0.676	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	1239	0.553	ug/L #	1
44) trans-1,3-Dichloropropene	8.176	75	3362	0.854	ug/L	92
46) Tetrachloroethene	8.552	164	25663	12.801	ug/L	96
60) 1,2,3-Trichloropropane	11.809	75	15661	4.669	ug/L #	67

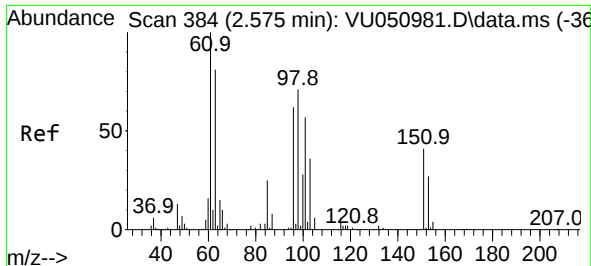
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.676 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

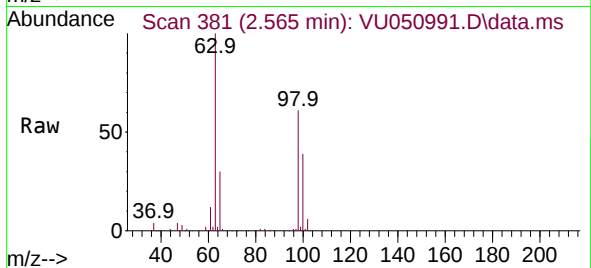
Lab File: VU050991.D

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MSVOA_U

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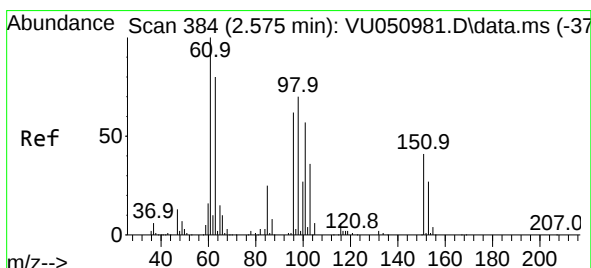
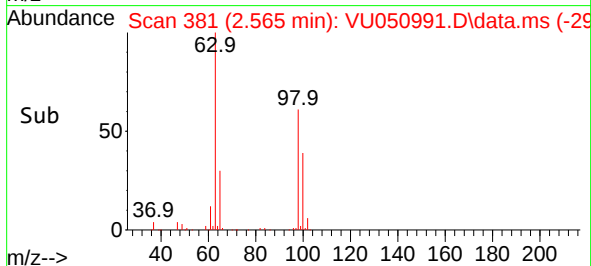
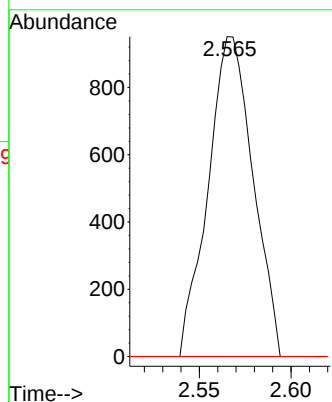
Tgt Ion:101 Resp: 1622

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.553 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.006 min

Lab File: VU050991.D

Acq: 29 Sep 2022 20:03

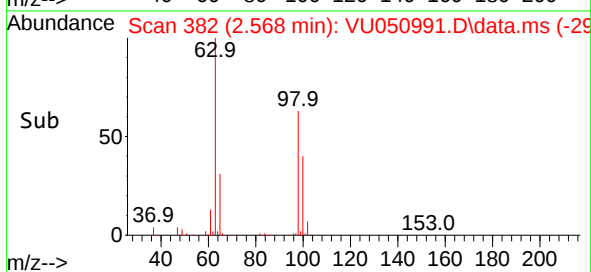
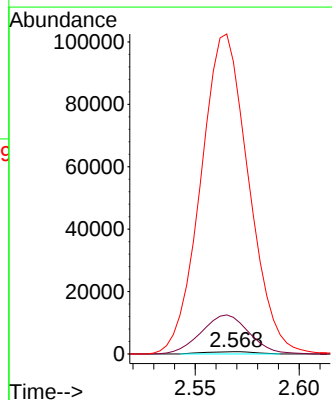
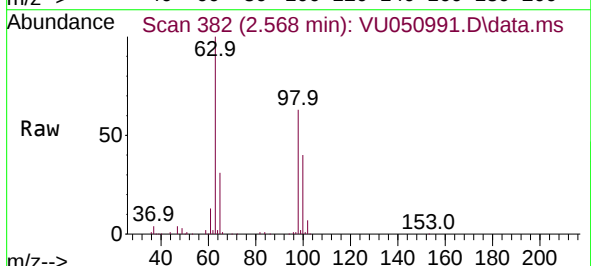
Tgt Ion: 96 Resp: 1239

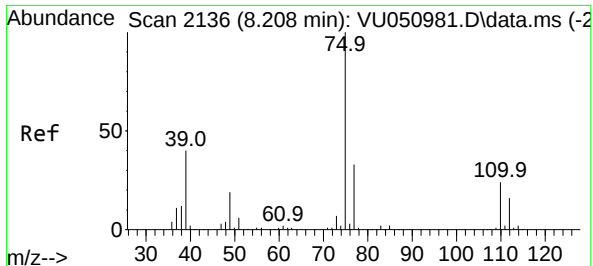
Ion Ratio Lower Upper

96 100

61 1630.7 113.0 209.9#

63 13006.4 91.7 170.3#

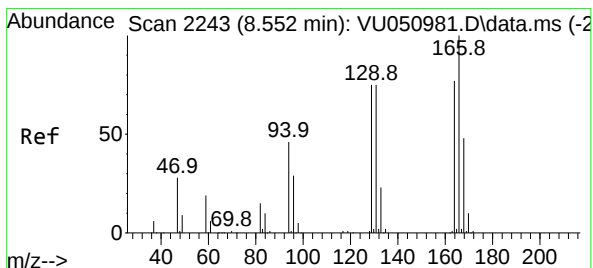
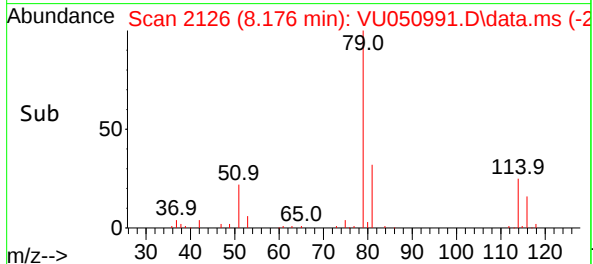
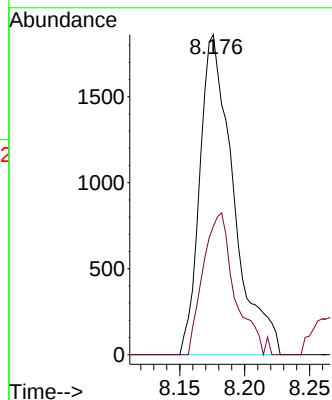
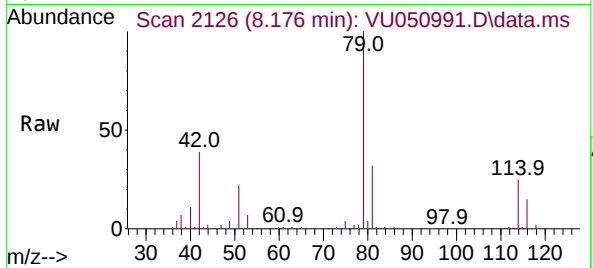




#44
trans-1,3-Dichloropropene
Concen: 0.854 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU050991.D
Acq: 29 Sep 2022 20:03

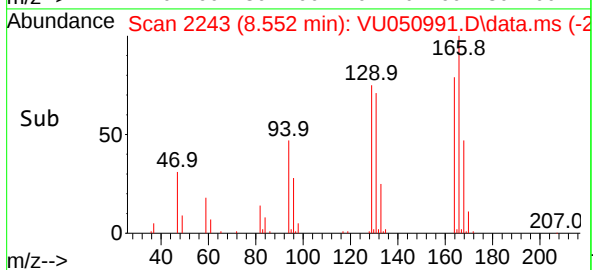
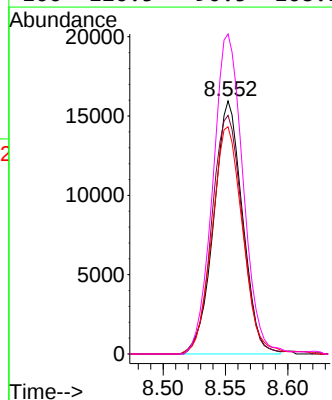
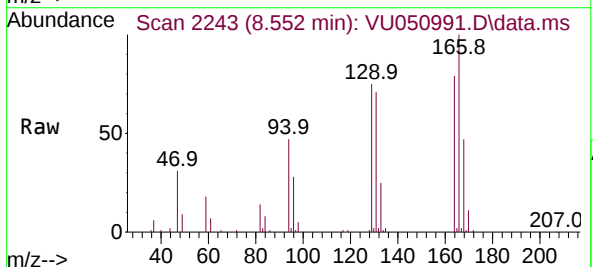
Instrument :
MSVOA_U
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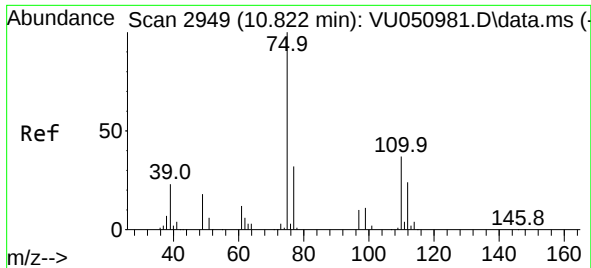
Tgt Ion: 75 Resp: 3362
Ion Ratio Lower Upper
75 100
77 37.1 22.7 42.3



#46
Tetrachloroethene
Concen: 12.801 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050991.D
Acq: 29 Sep 2022 20:03

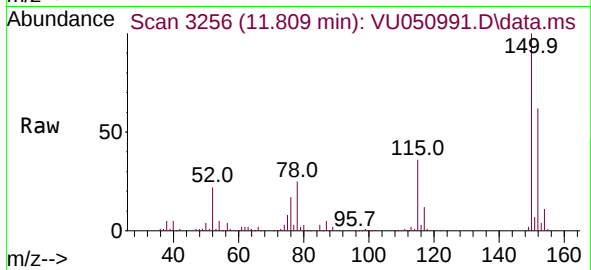
Tgt Ion: 164 Resp: 25663
Ion Ratio Lower Upper
164 100
129 94.3 68.1 126.5
131 89.8 67.8 126.0
166 126.5 90.5 168.1





#60
 1,2,3-Trichloropropane
 Concen: 4.669 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050991.D
 Acq: 29 Sep 2022 20:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	15661
Ion Ratio	Lower	Upper
75	100	
77	33.2	26.1 39.1
110	1.6	30.0 45.0#

