

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050997.D
 Acq On : 29 Sep 2022 22:24
 Operator : JC/MD
 Sample : N4869-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:52:30 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)

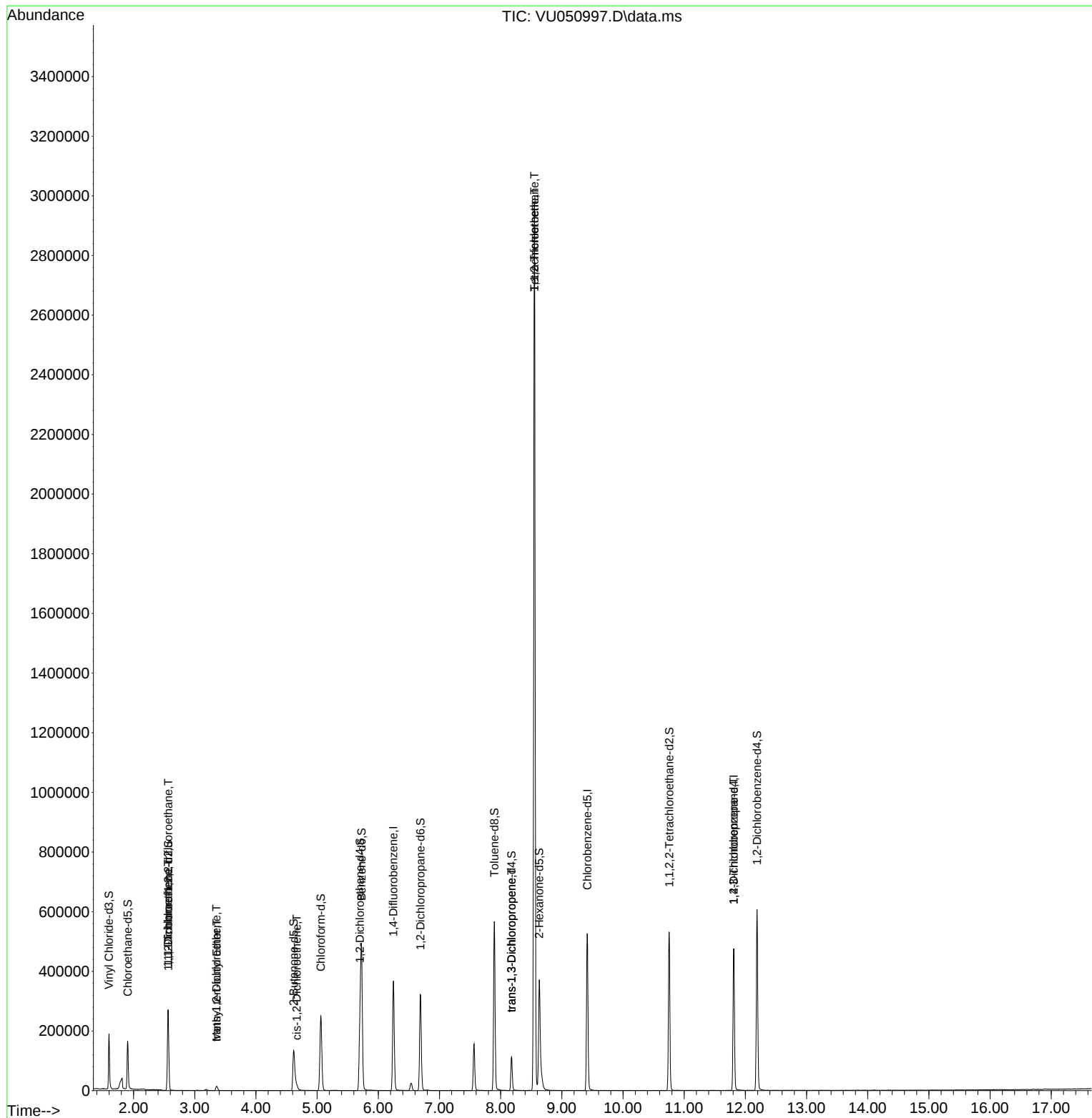
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	290601	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	296360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	127505	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	135240	45.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.840%		
7) Chloroethane-d5	1.903	69	119883	43.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.640%		
11) 1,1-Dichloroethene-d2	2.565	63	156057	35.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.740%		
21) 2-Butanone-d5	4.617	46	186200	97.480	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.480%		
24) Chloroform-d	5.060	84	229472	48.362	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.720%		
26) 1,2-Dichloroethane-d4	5.700	65	149287	50.831	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.660%		
32) Benzene-d6	5.726	84	460168	53.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.040%		
36) 1,2-Dichloropropane-d6	6.687	67	152607	54.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.380%		
41) Toluene-d8	7.896	98	381469	47.575	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.140%		
43) trans-1,3-Dichloroprop...	8.179	79	61500	45.786	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.580%		
47) 2-Hexanone-d5	8.629	63	111345	97.920	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.920%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	268645	54.584	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.160%		
66) 1,2-Dichlorobenzene-d4	12.192	152	159882	58.697	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.400%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1923	0.867	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1551	0.748	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	2293	1.040	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	10143	1.514	ug/L #	91
20) cis-1,2-Dichloroethene	4.668	96	5549	2.254	ug/L	87
44) trans-1,3-Dichloropropene	8.179	75	2579	0.740	ug/L #	79
45) 1,1,2-Trichloroethane	8.552	97	5263	1.997	ug/L #	1
46) Tetrachloroethene	8.552	164	637366	359.392	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	16070	4.789	ug/L #	66

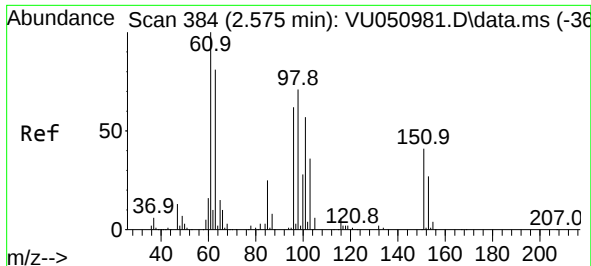
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 30 01:30:03 2022
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#10

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

Concen: 0.867 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.006 min

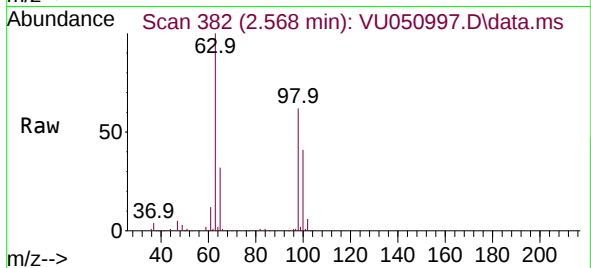
Lab File: VU050997.D

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MSVOA_U

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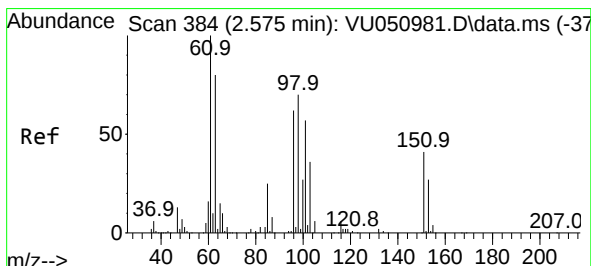
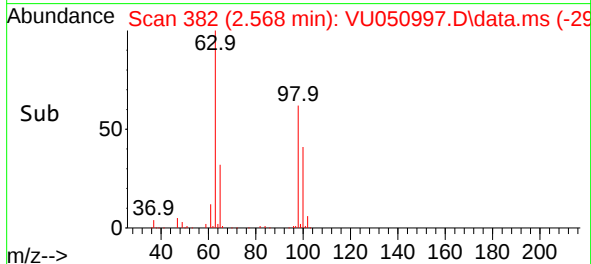
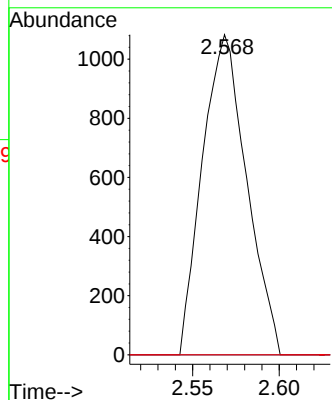
Tgt Ion:101 Resp: 1923

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: 0.748 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU050997.D

Acq: 29 Sep 2022 22:24

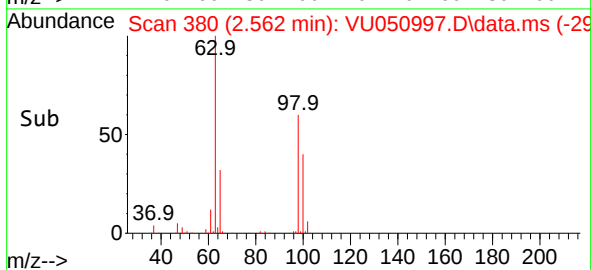
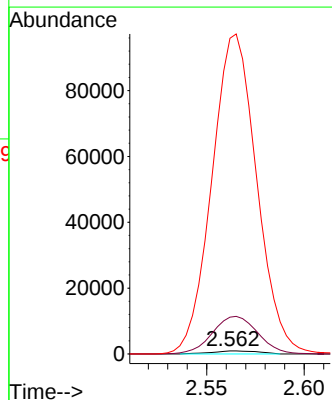
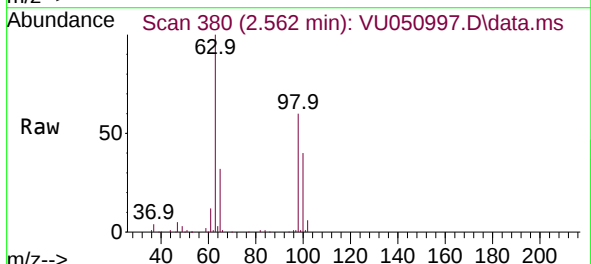
Tgt Ion: 96 Resp: 1551

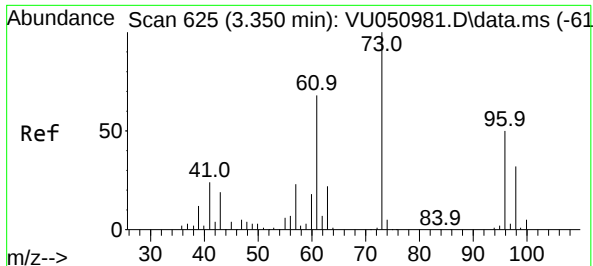
Ion Ratio Lower Upper

96 100

61 1217.2 113.0 209.9#

63 10437.4 91.7 170.3#





#17

trans-1,2-Dichloroethene

Concen: 1.040 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.007 min

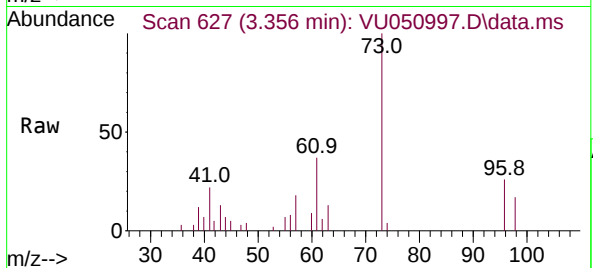
Lab File: VU050997.D

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MSVOA_U

ClientSampleId :



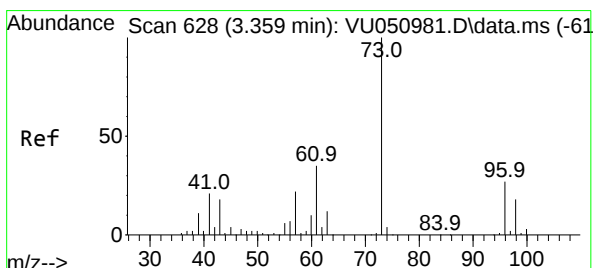
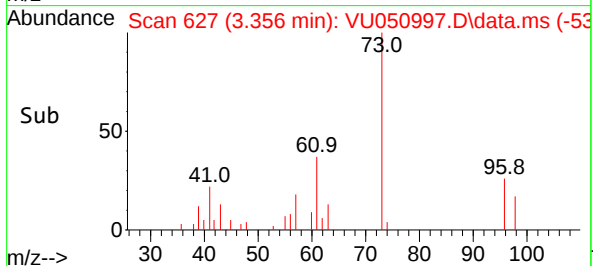
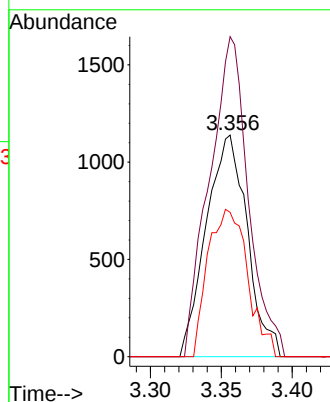
Tgt Ion: 96 Resp: 2293

Ion Ratio Lower Upper

96 100

61 144.4 95.1 176.5

98 65.1 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 1.514 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU050997.D

Acq: 29 Sep 2022 22:24

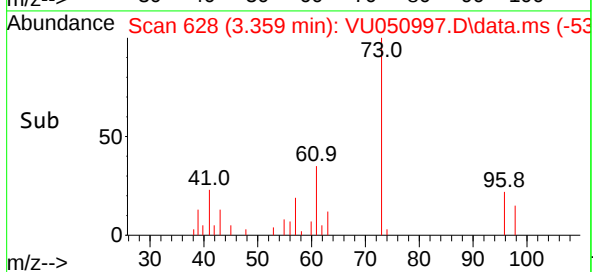
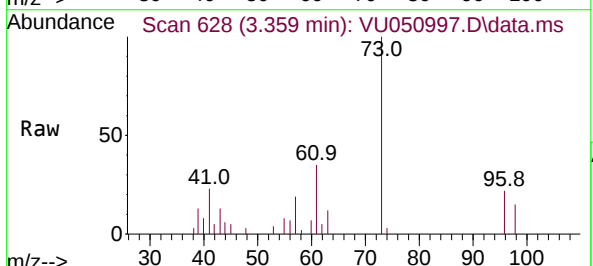
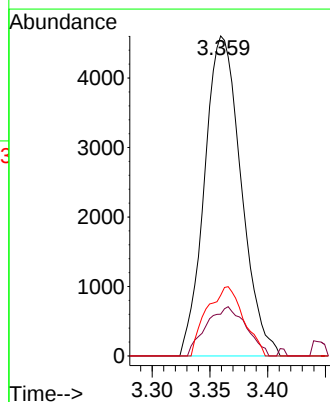
Tgt Ion: 73 Resp: 10143

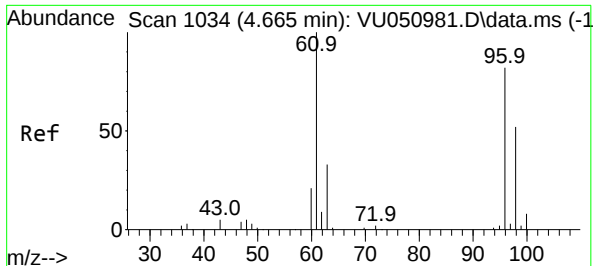
Ion Ratio Lower Upper

73 100

43 9.7 14.7 22.1#

57 21.7 17.5 26.3





#20

cis-1,2-Dichloroethene

Concen: 2.254 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

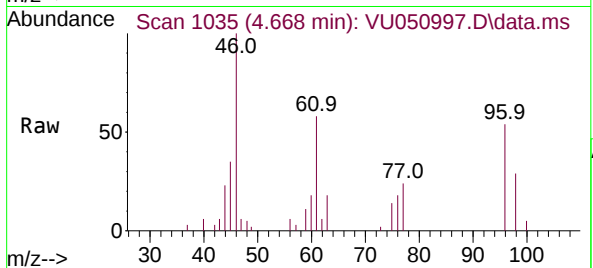
Lab File: VU050997.D

Acq: 29 Sep 2022 22:24

Instrument :

MSVOA_U

ClientSampleId :



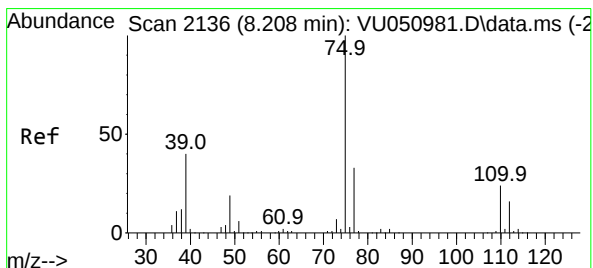
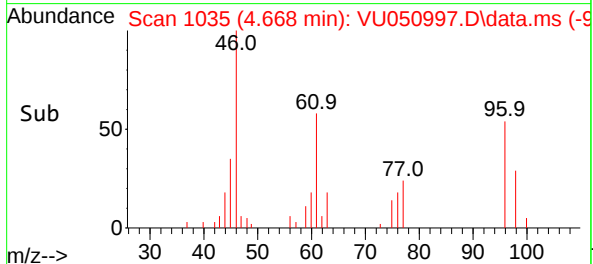
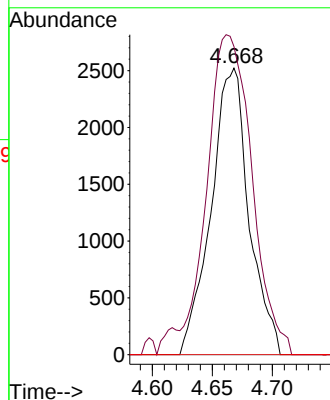
Tgt Ion: 96 Resp: 5549

Ion Ratio Lower Upper

96 100

61 107.5 85.4 158.6

68 0.0 0.0 0.0



#44

trans-1,3-Dichloropropene

Concen: 0.740 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU050997.D

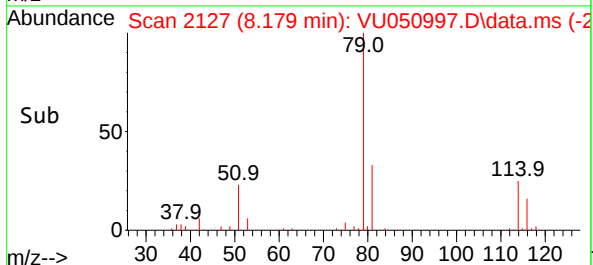
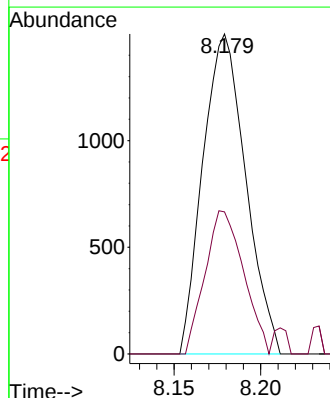
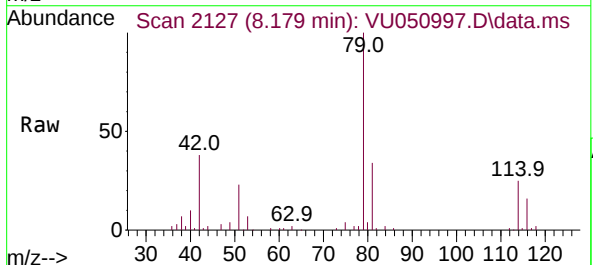
Acq: 29 Sep 2022 22:24

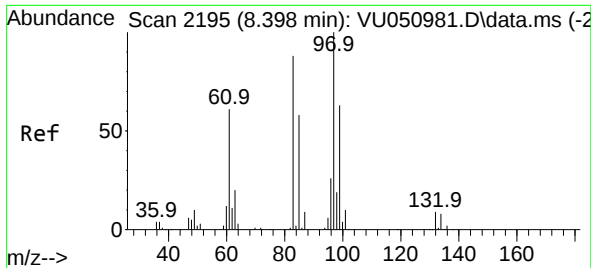
Tgt Ion: 75 Resp: 2579

Ion Ratio Lower Upper

75 100

77 44.4 22.7 42.3#





#45

1,1,2-Trichloroethane

Concen: 1.997 ug/L

RT: 8.552 min Scan# 2195

Delta R.T. 0.154 min

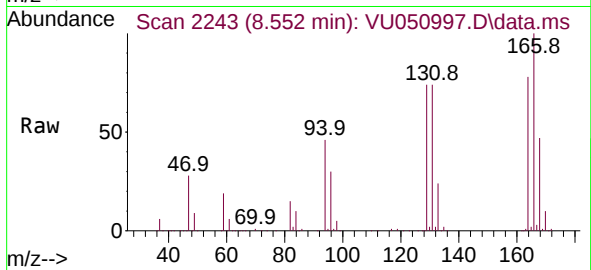
Lab File: VU050997.D

Acq: 29 Sep 2022 22:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 5263

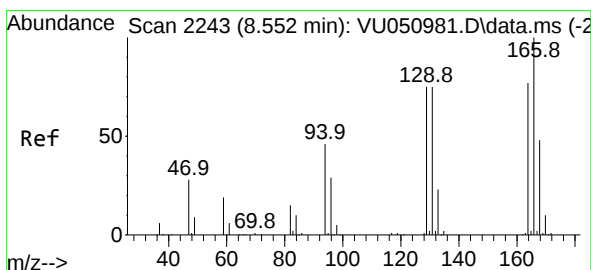
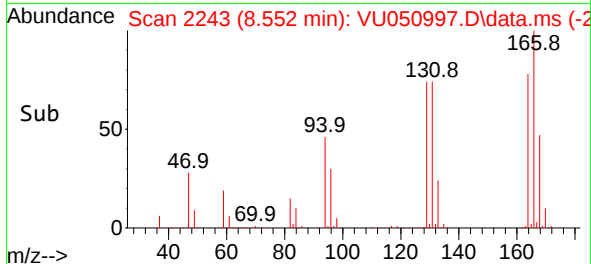
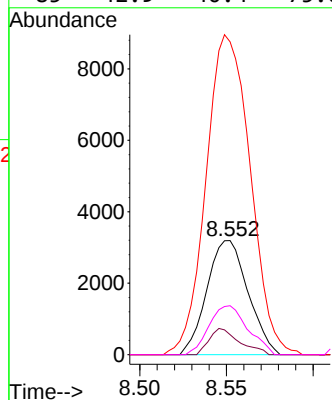
Ion Ratio Lower Upper

97 100

99 17.5 44.4 82.4#

83 274.3 61.7 114.5#

85 42.9 40.4 75.0



#46

Tetrachloroethene

Concen: 359.392 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050997.D

Acq: 29 Sep 2022 22:24

Tgt Ion:164 Resp: 637366

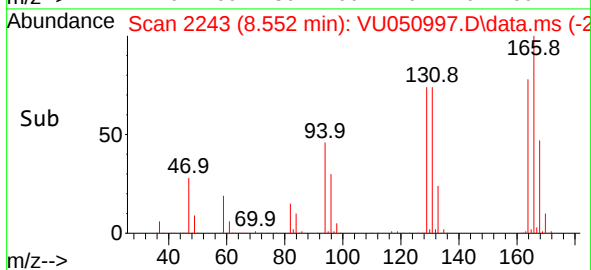
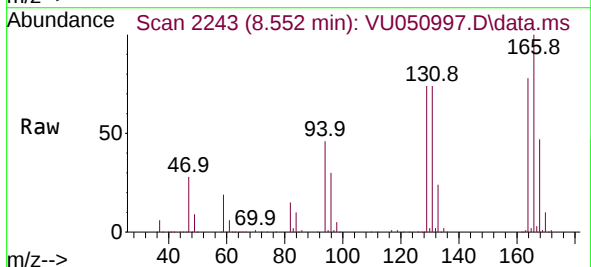
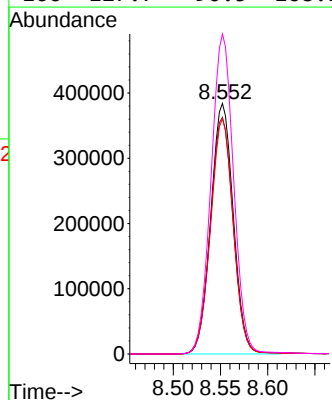
Ion Ratio Lower Upper

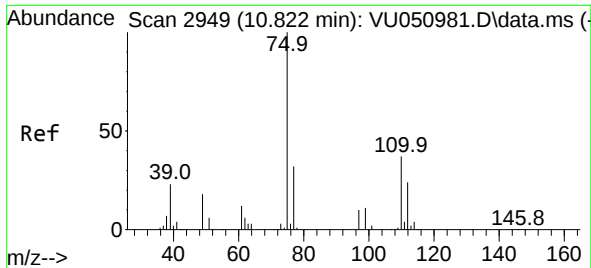
164 100

129 94.5 68.1 126.5

131 93.9 67.8 126.0

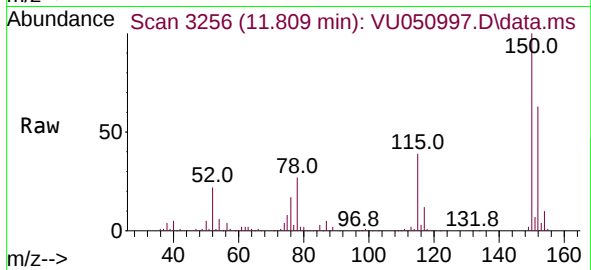
166 127.7 90.5 168.1





#60
 1,2,3-Trichloropropane
 Concen: 4.789 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050997.D
 Acq: 29 Sep 2022 22:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	16070
Ion	Ratio	Lower	Upper
75	100		
77	29.9	26.1	39.1
110	2.0	30.0	45.0#

