

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031538.D
 Acq On : 15 Jun 2023 17:56
 Operator : SY/MD
 Sample : 03249-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT6

Quant Time: Jun 16 02:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

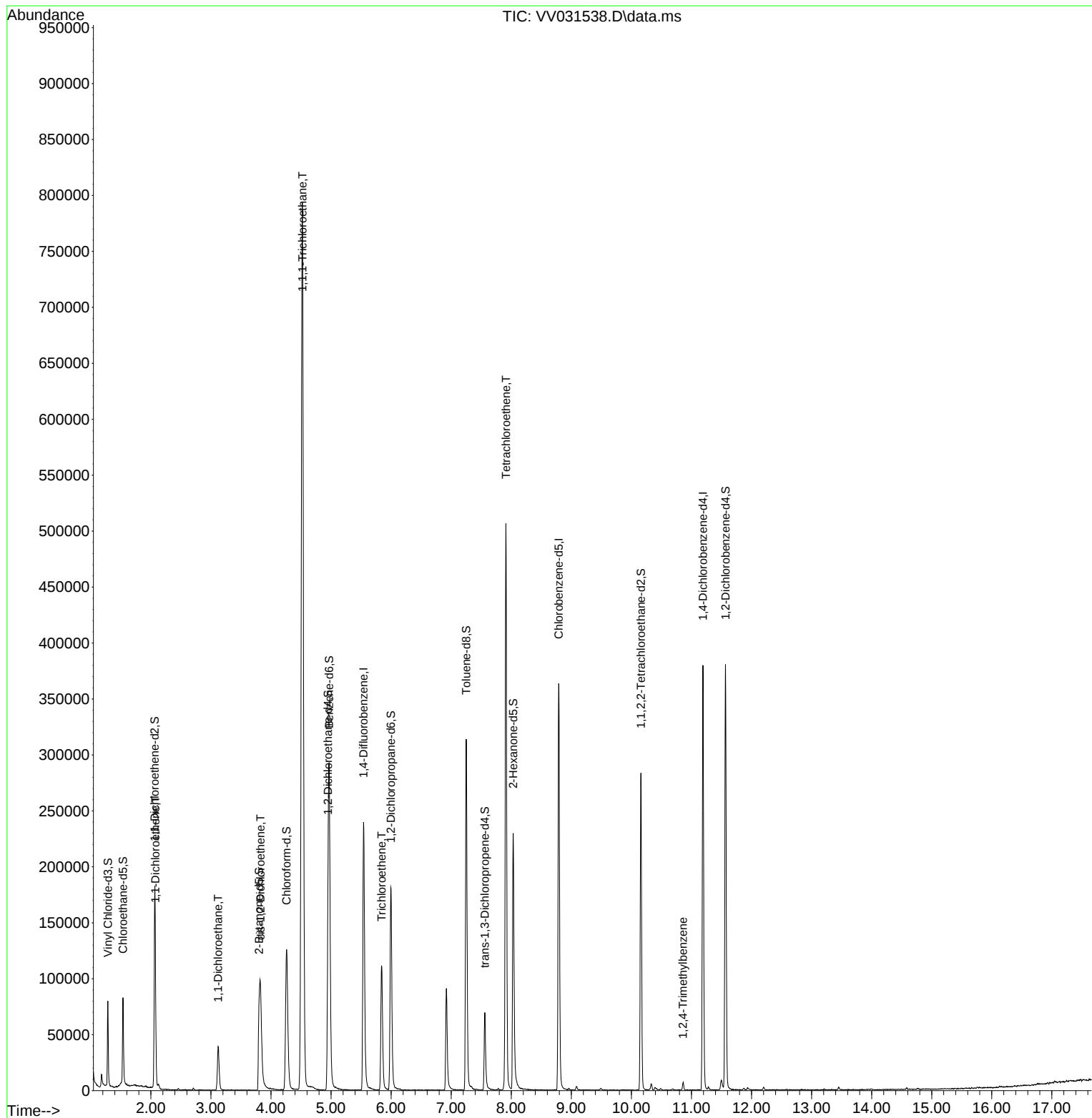
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	196403	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	194145	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	94102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	49411	37.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.600%
7) Chloroethane-d5	1.536	69	49260	43.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.380%
11) 1,1-Dichloroethene-d2	2.066	65	26901	39.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.860%
21) 2-Butanone-d5	3.802	46	113936	107.648	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.650%
24) Chloroform-d	4.259	84	141346	43.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.360%
26) 1,2-Dichloroethane-d4	4.950	65	97674	47.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
32) Benzene-d6	4.970	84	249818	45.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.420%
36) 1,2-Dichloropropane-d6	5.995	67	90449	46.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	7.249	98	214038	42.682	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.360%
43) trans-1,3-Dichloroprop...	7.561	79	43070	45.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.220%
47) 2-Hexanone-d5	8.034	63	83436	109.103	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.100%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	136909	46.830	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.660%
66) 1,2-Dichlorobenzene-d4	11.567	152	92312	51.463	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.920%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.076	96	13855	9.534	ug/L	# 6
19) 1,1-Dichloroethane	3.121	63	41046	12.537	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	32406	19.768	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	687461	220.855	ug/L	99
34) Trichloroethene	5.841	95	42105	24.377	ug/L	96
46) Tetrachloroethene	7.912	164	108643	80.142	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	4114	0.890	ug/L	96

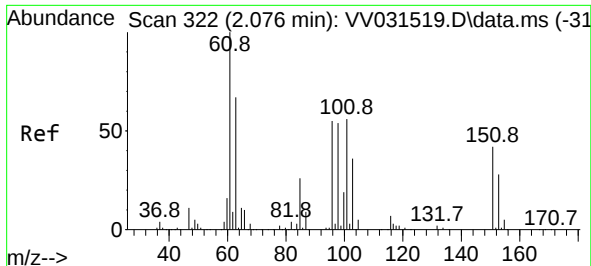
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 16 02:44:48 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 9.534 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031538.D

Acq: 15 Jun 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

EXYT6

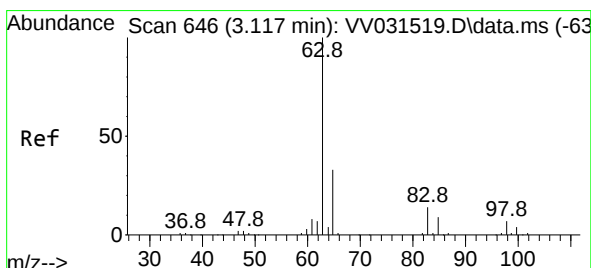
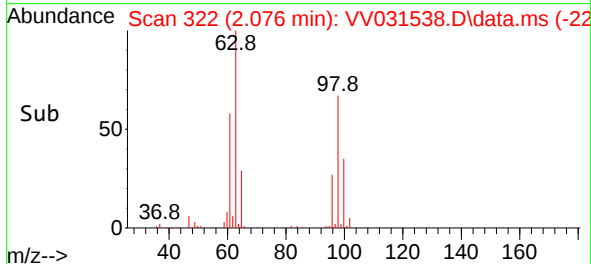
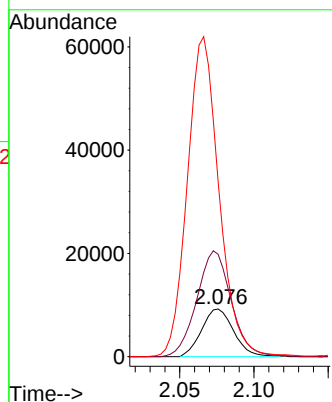
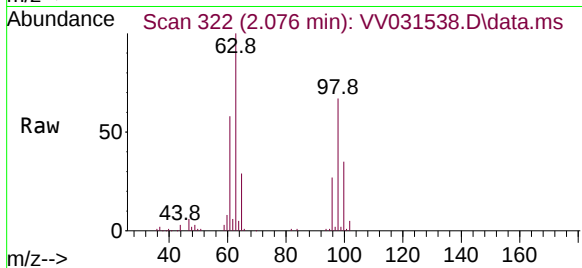
Tgt Ion: 96 Resp: 13855

Ion Ratio Lower Upper

96 100

61 214.7 128.9 239.5

63 367.3 95.3 177.1#



#19

1,1-Dichloroethane

Concen: 12.537 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV031538.D

Acq: 15 Jun 2023 17:56

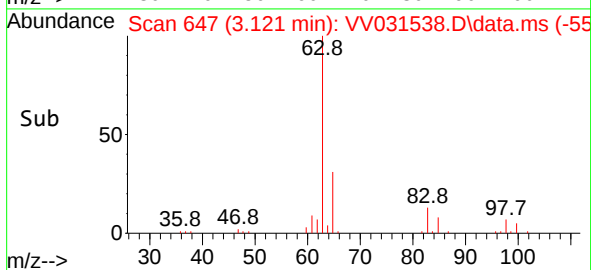
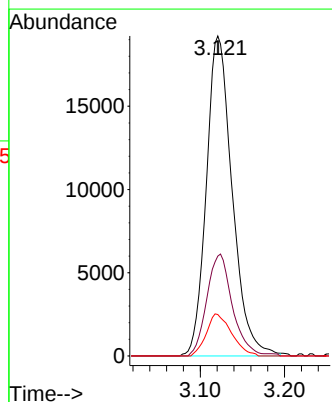
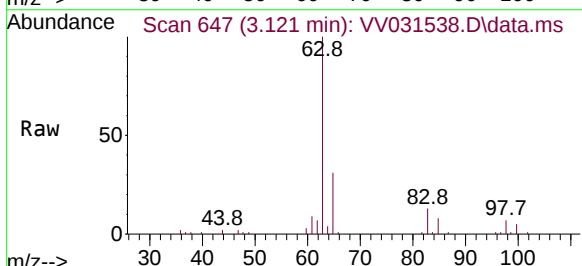
Tgt Ion: 63 Resp: 41046

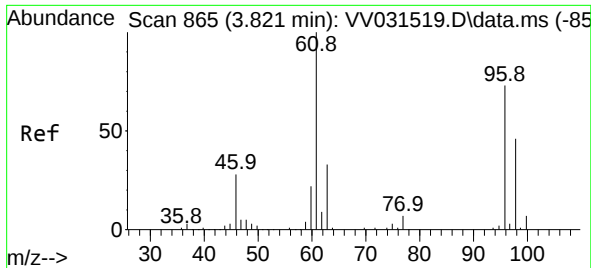
Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.7

83 13.6 10.0 18.6

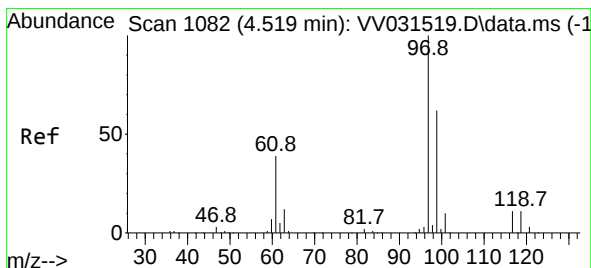
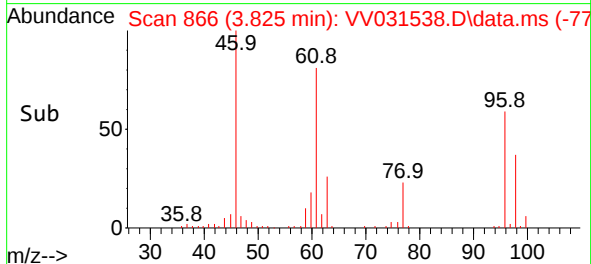
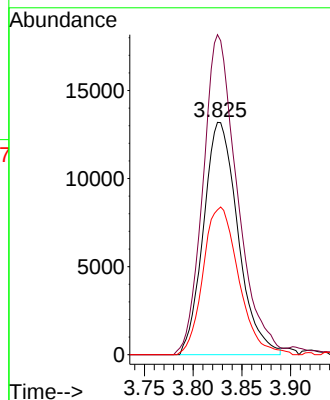
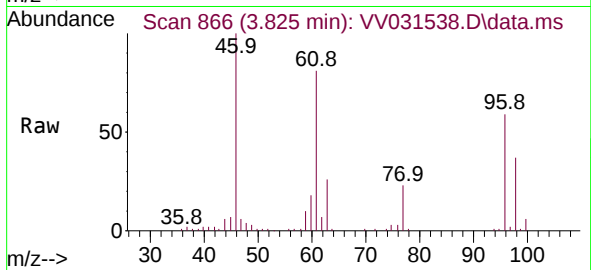




#20
 cis-1,2-Dichloroethene
 Concen: 19.768 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV031538.D
 Acq: 15 Jun 2023 17:56

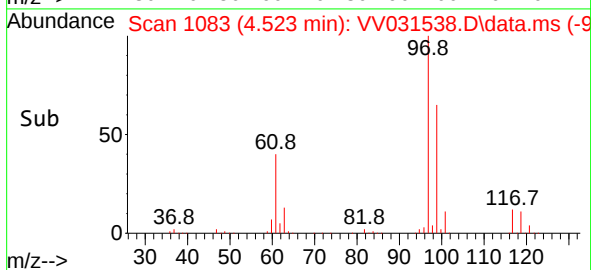
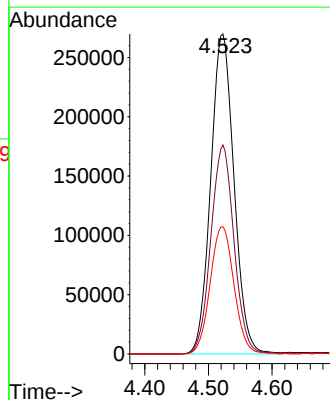
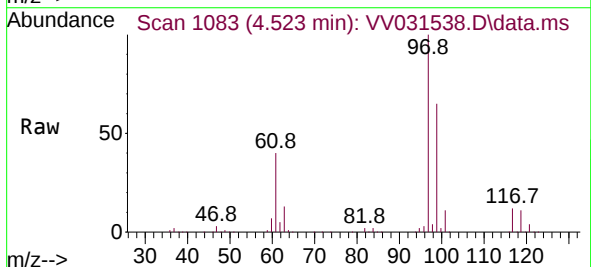
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT6

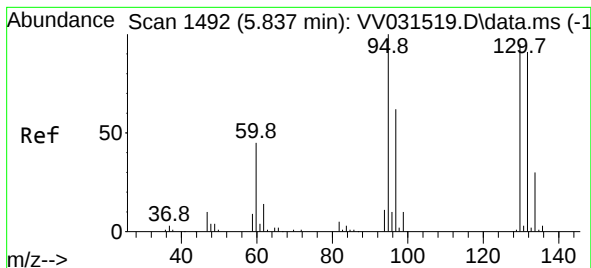
Tgt Ion: 96 Resp: 32406
 Ion Ratio Lower Upper
 96 100
 61 137.7 98.6 183.0
 98 64.1 45.7 84.9



#30
 1,1,1-Trichloroethane
 Concen: 220.855 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV031538.D
 Acq: 15 Jun 2023 17:56

Tgt Ion: 97 Resp: 687461
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.8 77.6
 61 40.6 33.0 49.6





#34

Trichloroethene

Concen: 24.377 ug/L

RT: 5.841 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV031538.D

Acq: 15 Jun 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

EXYT6

Tgt Ion: 95 Resp: 42105

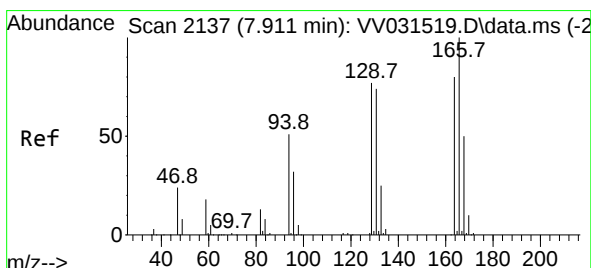
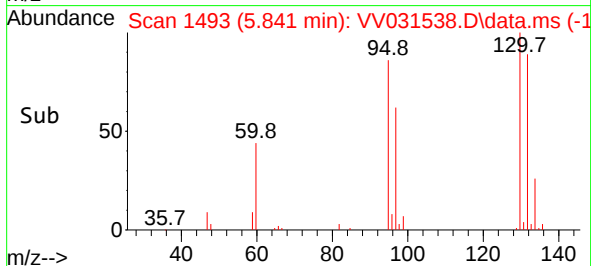
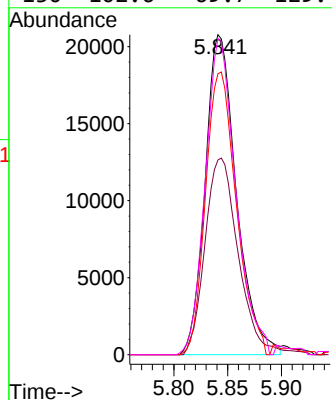
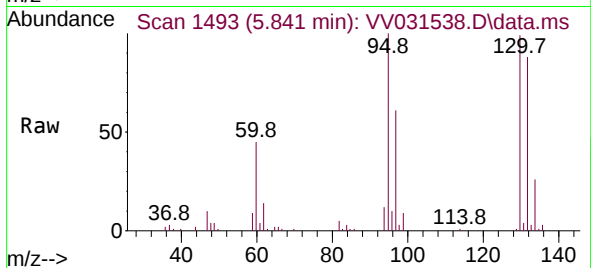
Ion Ratio Lower Upper

95 100

97 63.8 46.8 86.8

132 91.1 66.4 123.2

130 102.6 69.7 129.4



#46

Tetrachloroethene

Concen: 80.142 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031538.D

Acq: 15 Jun 2023 17:56

Tgt Ion:164 Resp: 108643

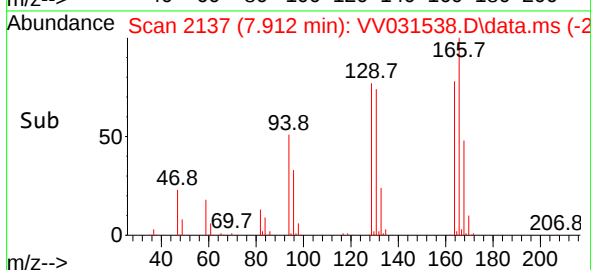
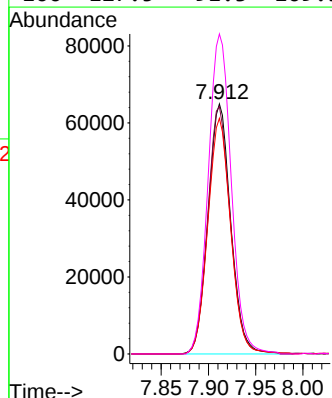
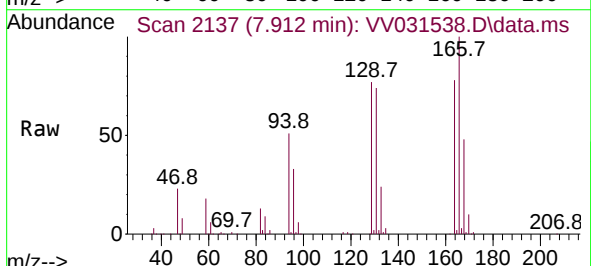
Ion Ratio Lower Upper

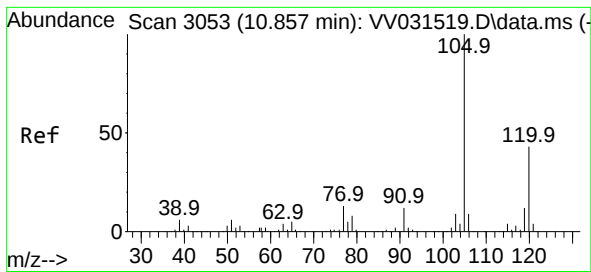
164 100

129 98.5 68.4 127.0

131 91.4 67.6 125.6

166 127.5 91.3 169.5





#63

1,2,4-Trimethylbenzene

Concen: 0.890 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV031538.D

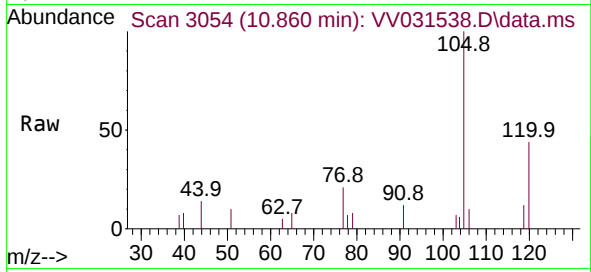
Acq: 15 Jun 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

EXYT6



Tgt Ion:105 Resp: 4114

Ion	Ratio	Lower	Upper
105	100		
120	44.1	33.4	50.2

