

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031136.D
 Acq On : 20 May 2023 03:55
 Operator : SY/MD
 Sample : 02865-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX65

Quant Time: May 20 06:26:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 01:55:03 2023
 Response via : Initial Calibration

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

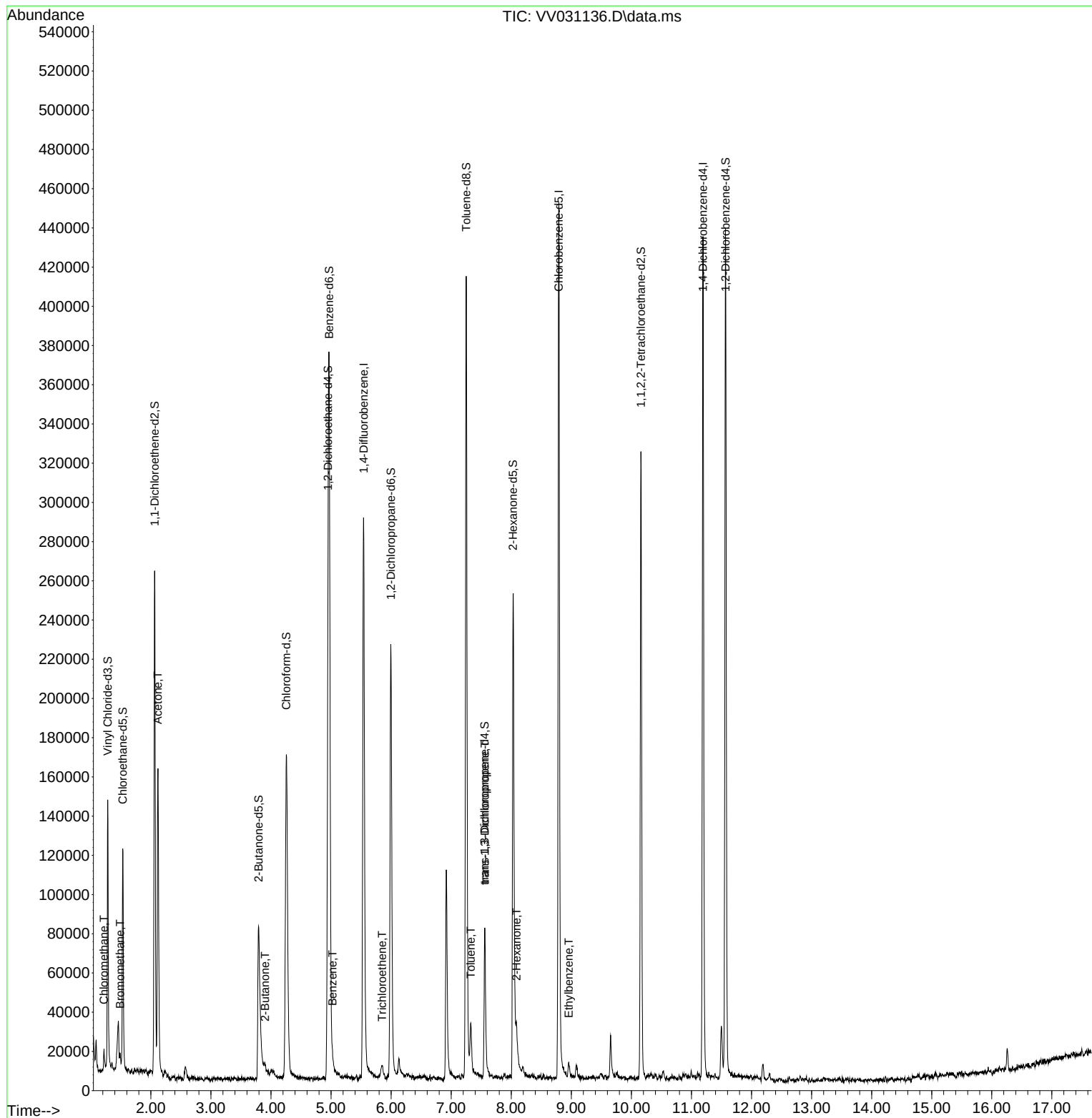
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	244359	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	235056	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112942	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	89028	42.631	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.260%		
7) Chloroethane-d5	1.532	69	72977	45.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.720%		
11) 1,1-Dichloroethene-d2	2.063	65	43359	44.276	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.560%		
21) 2-Butanone-d5	3.793	46	131059	117.777	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.780%		
24) Chloroform-d	4.256	84	168815	45.694	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.380%		
26) 1,2-Dichloroethane-d4	4.950	65	123176	49.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.680%		
32) Benzene-d6	4.969	84	308086	48.349	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.700%		
36) 1,2-Dichloropropane-d6	5.995	67	92368	48.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.900%		
41) Toluene-d8	7.249	98	266229	44.765	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.520%		
43) trans-1,3-Dichloroprop...	7.558	79	42375	44.299	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.600%		
47) 2-Hexanone-d5	8.030	63	79336	106.723	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.720%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	136412	47.702	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.400%		
66) 1,2-Dichlorobenzene-d4	11.567	152	107836	53.133	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.260%		
Target Compounds					Qvalue	
3) Chloromethane	1.220	50	9363	5.421	ug/L	93
6) Bromomethane	1.487	94	2127	2.460	ug/L	90
13) Acetone	2.117	43	161823	111.860	ug/L	99
22) 2-Butanone	3.902	43	5465	3.939	ug/L	81
33) Benzene	5.024	78	3774	0.670	ug/L	100
34) Trichloroethene	5.850	95	1245	0.825	ug/L	83
42) Toluene	7.326	91	17802	2.922	ug/L	94
44) trans-1,3-Dichloropropene	7.561	75	2344	0.969	ug/L	84
48) 2-Hexanone	8.088	43	12737	6.412	ug/L #	85
52) Ethylbenzene	8.956	91	4647	0.666	ug/L	88

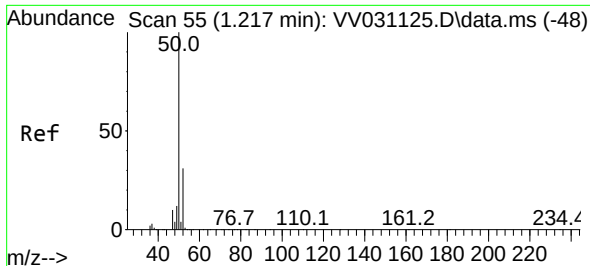
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031136.D
Acq On : 20 May 2023 03:55
Operator : SY/MD
Sample : 02865-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBX65

Quant Time: May 20 06:26:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 01:55:03 2023
Response via : Initial Calibration

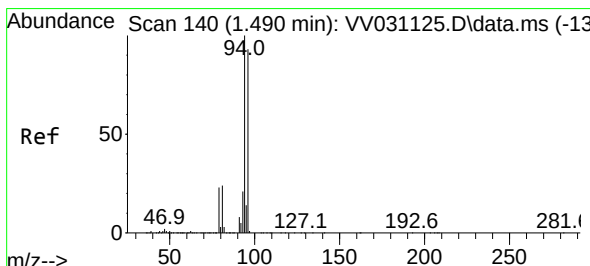
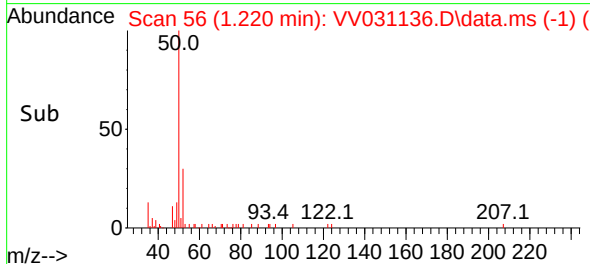
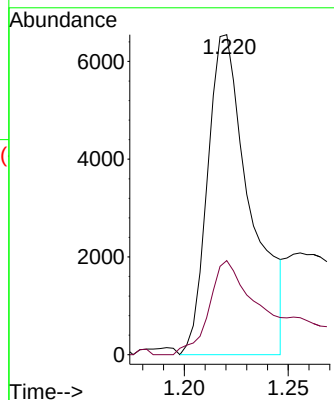
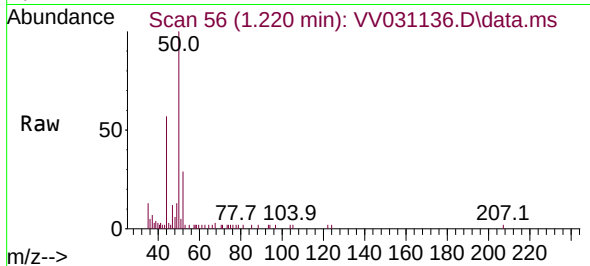




#3
Chloromethane
Concen: 5.421 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031136.D
Acq: 20 May 2023 03:55

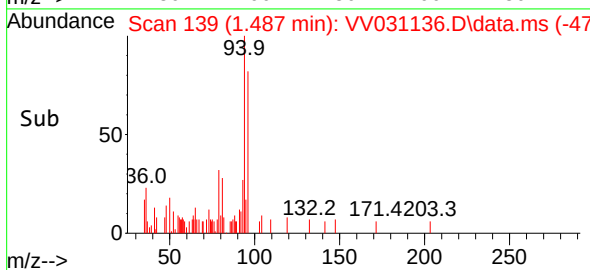
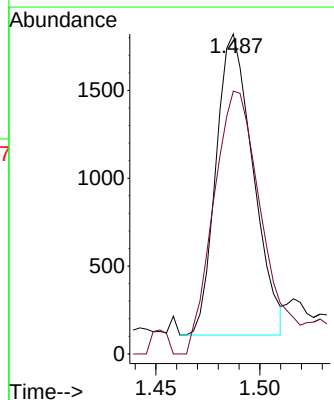
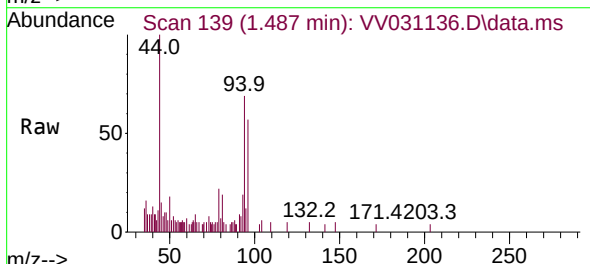
Instrument :
MSVOA_V
ClientSampleId :
GBX65

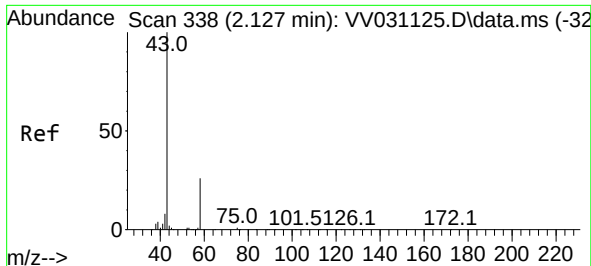
Tgt Ion: 50 Resp: 9363
Ion Ratio Lower Upper
50 100
52 29.4 23.3 43.3



#6
Bromomethane
Concen: 2.460 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031136.D
Acq: 20 May 2023 03:55

Tgt Ion: 94 Resp: 2127
Ion Ratio Lower Upper
94 100
96 82.2 63.9 118.7

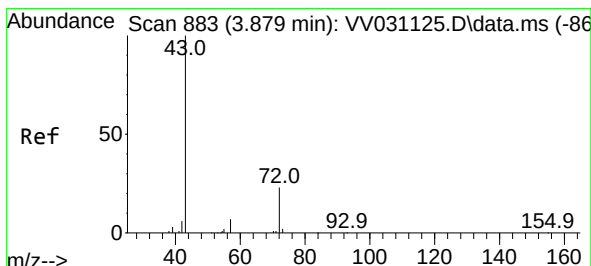
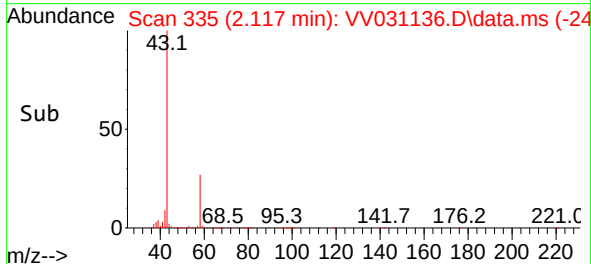
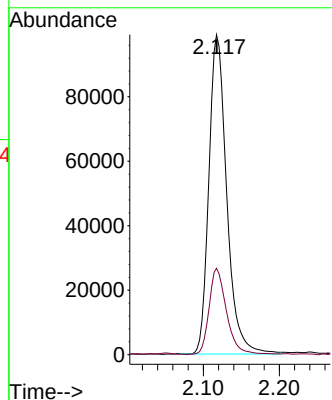
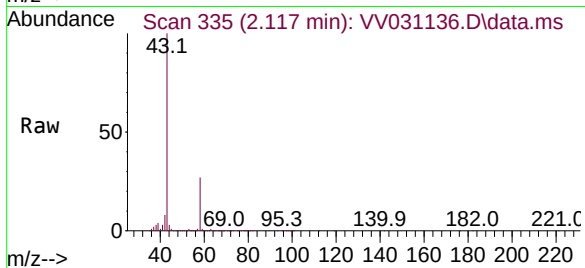




#13
Acetone
Concen: 111.860 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV031136.D
Acq: 20 May 2023 03:55

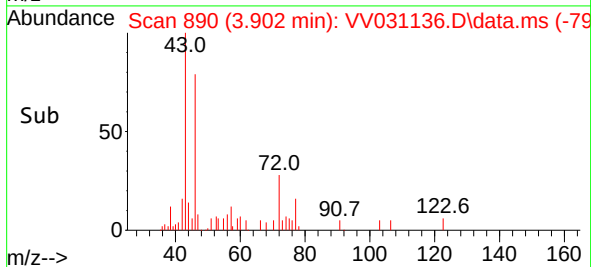
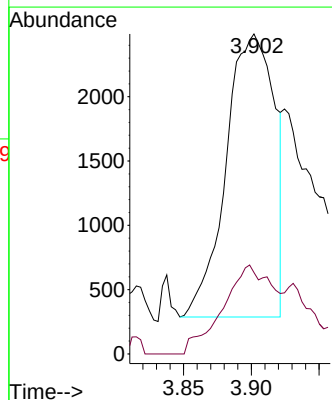
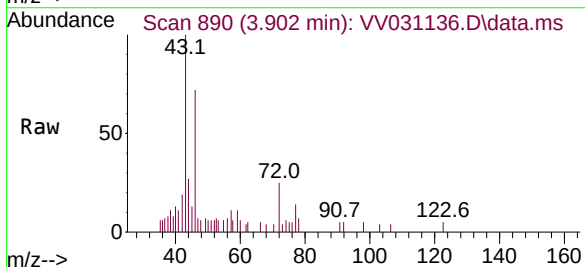
Instrument :
MSVOA_V
ClientSampleId :
GBX65

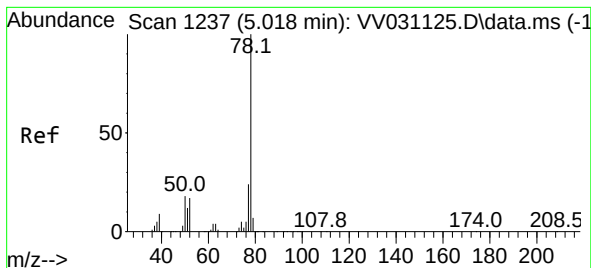
Tgt Ion: 43 Resp: 161823
Ion Ratio Lower Upper
43 100
58 26.7 0.0 54.0



#22
2-Butanone
Concen: 3.939 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.023 min
Lab File: VV031136.D
Acq: 20 May 2023 03:55

Tgt Ion: 43 Resp: 5465
Ion Ratio Lower Upper
43 100
72 14.3 11.9 35.7





#33

Benzene

Concen: 0.670 ug/L

RT: 5.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV031136.D

Acq: 20 May 2023 03:55

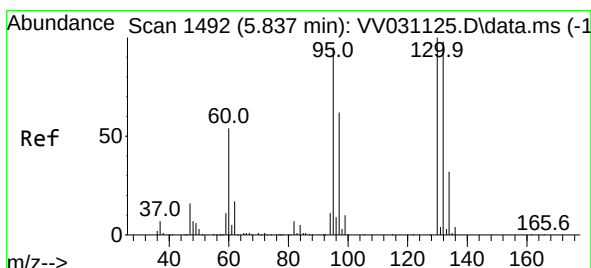
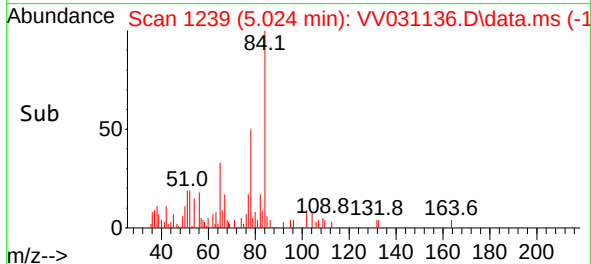
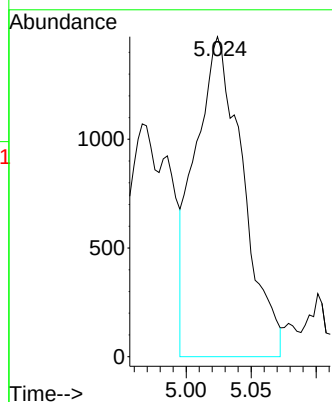
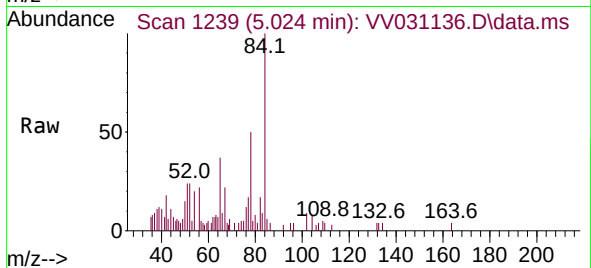
Instrument :

MSVOA_V

ClientSampleId :

GBX65

Tgt Ion: 78 Resp: 3774



#34

Trichloroethene

Concen: 0.825 ug/L

RT: 5.850 min Scan# 1496

Delta R.T. 0.013 min

Lab File: VV031136.D

Acq: 20 May 2023 03:55

Tgt Ion: 95 Resp: 1245

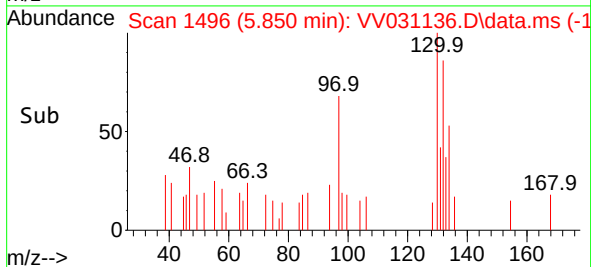
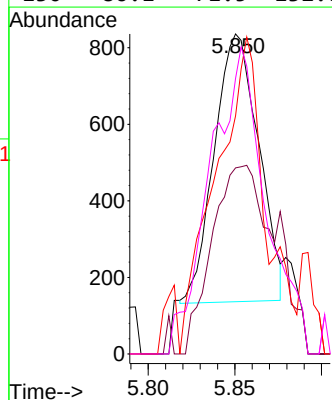
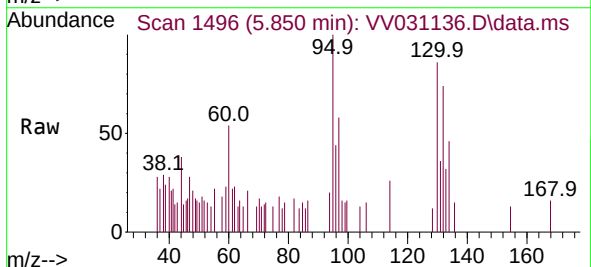
Ion Ratio Lower Upper

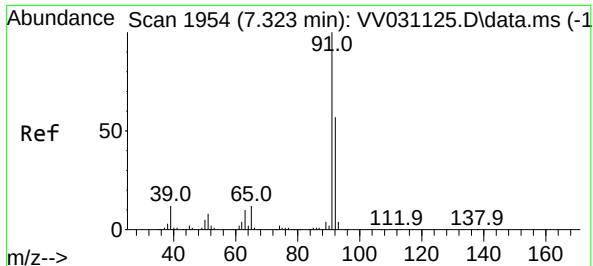
95 100

97 58.1 44.4 82.5

132 74.4 70.2 130.4

130 86.1 71.5 132.7





#42

Toluene

Concen: 2.922 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV031136.D

Acq: 20 May 2023 03:55

Instrument :

MSVOA_V

ClientSampleId :

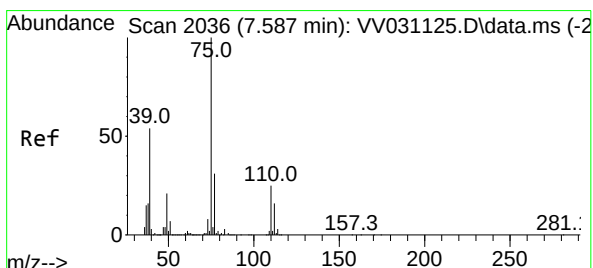
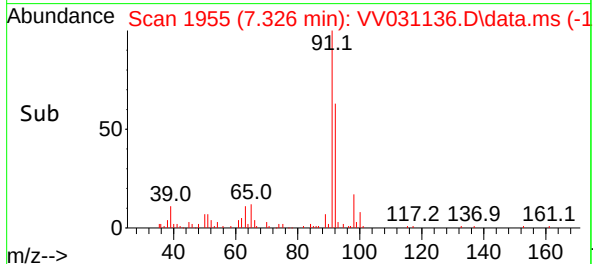
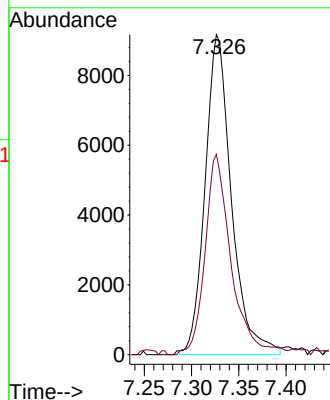
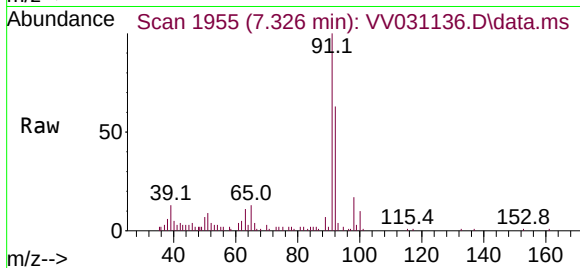
GBX65

Tgt Ion: 91 Resp: 17802

Ion Ratio Lower Upper

91 100

92 62.6 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 0.969 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV031136.D

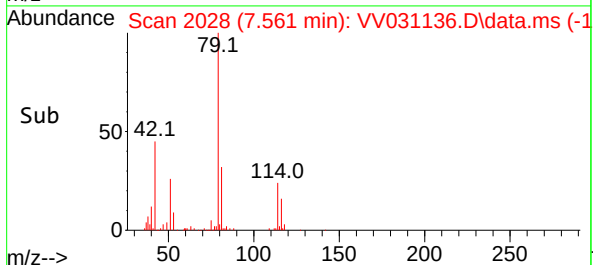
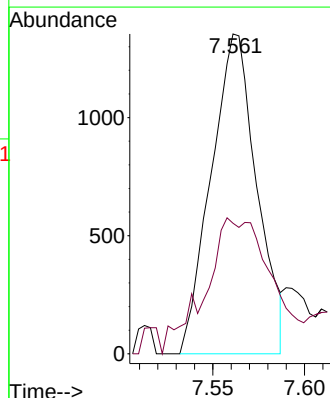
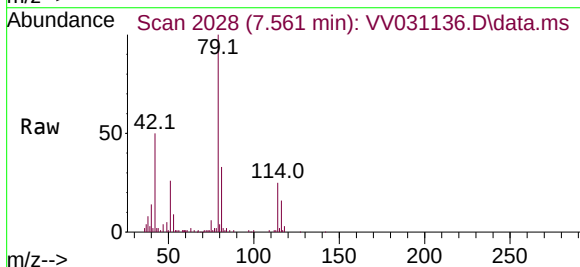
Acq: 20 May 2023 03:55

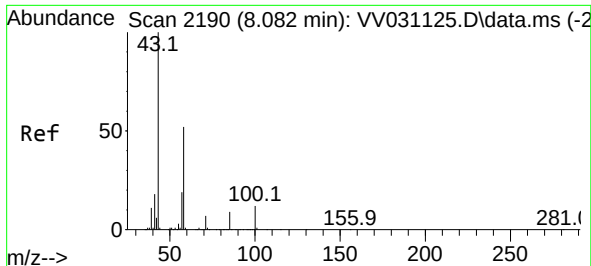
Tgt Ion: 75 Resp: 2344

Ion Ratio Lower Upper

75 100

77 40.8 22.2 41.2

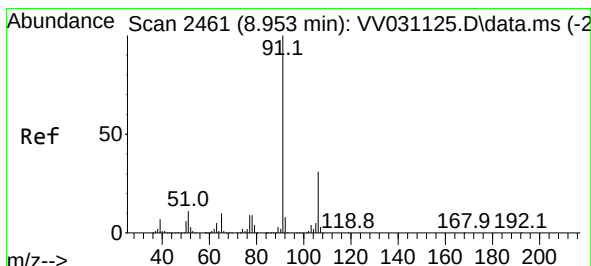
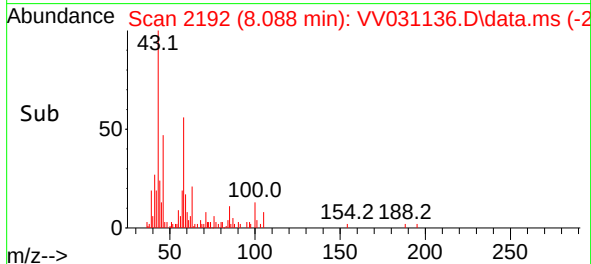
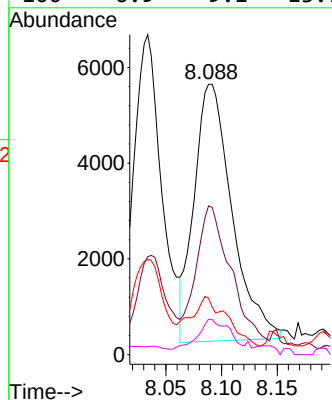
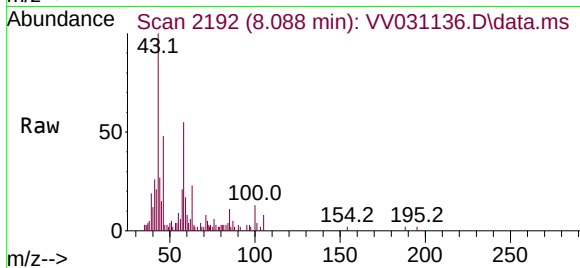




#48
2-Hexanone
Concen: 6.412 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VV031136.D
Acq: 20 May 2023 03:55

Instrument :
MSVOA_V
ClientSampleId :
GBX65

Tgt Ion:	43	Resp:	12737
Ion	Ratio	Lower	Upper
43	100		
58	55.6	39.8	59.6
57	2.6	14.4	21.6#
100	6.9	9.1	13.7#



#52
Ethylbenzene
Concen: 0.666 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.003 min
Lab File: VV031136.D
Acq: 20 May 2023 03:55

Tgt Ion:	91	Resp:	4647
Ion	Ratio	Lower	Upper
91	100		
106	37.4	21.5	39.9

