

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031141.D
 Acq On : 20 May 2023 05:59
 Operator : SY/MD
 Sample : 02865-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX70

Quant Time: May 20 06:27:24 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)

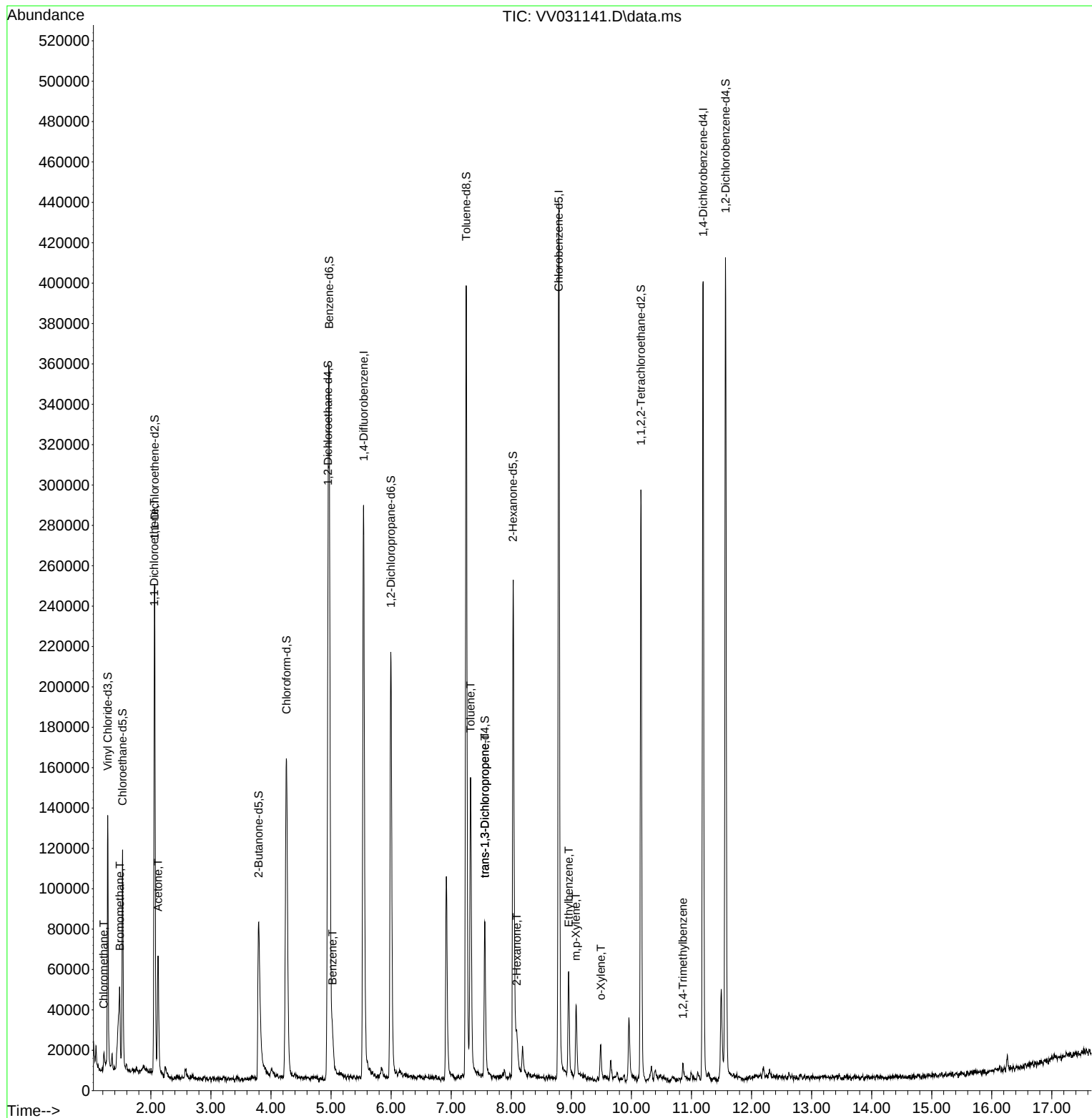
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	239158	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	103845	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	82999	40.608	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.220%		
7) Chloroethane-d5	1.529	69	70189	44.577	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.160%		
11) 1,1-Dichloroethene-d2	2.063	65	40217	41.960	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.920%		
21) 2-Butanone-d5	3.793	46	129480	118.889	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.890%		
24) Chloroform-d	4.256	84	163449	45.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.400%		
26) 1,2-Dichloroethane-d4	4.950	65	117378	48.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.080%		
32) Benzene-d6	4.966	84	293791	47.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.760%		
36) 1,2-Dichloropropane-d6	5.995	67	88569	47.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.480%		
41) Toluene-d8	7.249	98	252690	43.668	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.340%		
43) trans-1,3-Dichloroprop...	7.561	79	40274	43.271	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.540%		
47) 2-Hexanone-d5	8.030	63	79048	109.287	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.290%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	121425	43.640	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.280%		
66) 1,2-Dichlorobenzene-d4	11.567	152	100291	53.744	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.480%		
Target Compounds						Qvalue
3) Chloromethane	1.217	50	10203	6.036	ug/L	96
6) Bromomethane	1.484	94	3497	4.133	ug/L	91
12) 1,1-Dichloroethene	2.056	96	1255	0.945	ug/L #	1
13) Acetone	2.121	43	60278	42.573	ug/L	99
33) Benzene	5.024	78	17979	3.281	ug/L	100
42) Toluene	7.323	91	104258	17.587	ug/L	99
44) trans-1,3-Dichloropropene	7.561	75	2198	0.934	ug/L	84
48) 2-Hexanone	8.091	43	11503	5.951	ug/L #	94
52) Ethylbenzene	8.956	91	35218	5.189	ug/L	96
53) m,p-Xylene	9.079	106	9841	3.738	ug/L	100
54) o-Xylene	9.490	106	4645	1.788	ug/L	79
63) 1,2,4-Trimethylbenzene	10.860	105	4026	0.902	ug/L	93

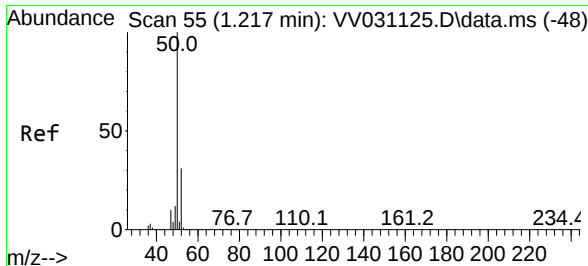
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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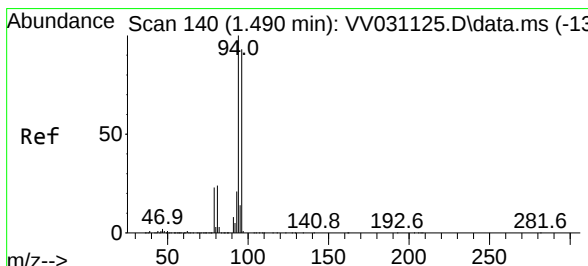
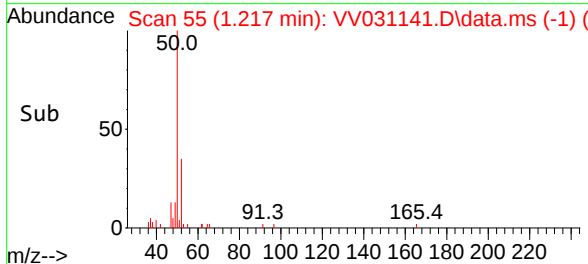
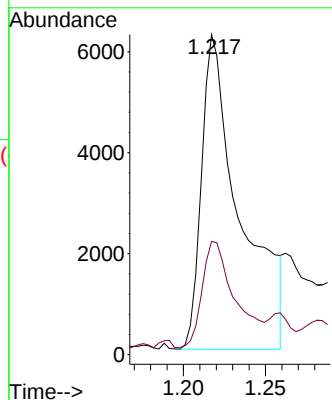
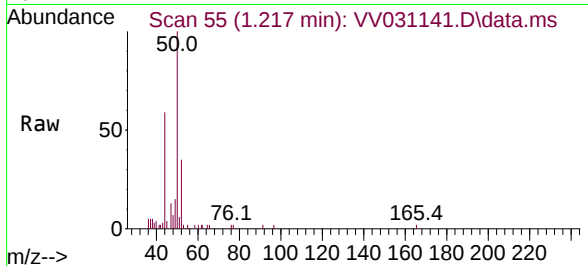




#3
Chloromethane
Concen: 6.036 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

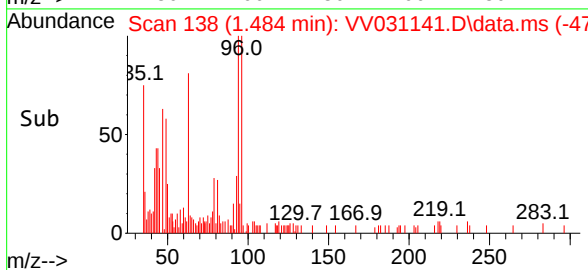
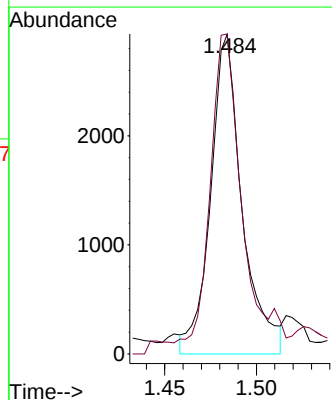
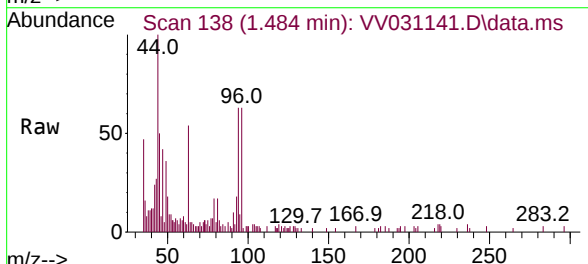
Instrument :
MSVOA_V
ClientSampleId :
GBX70

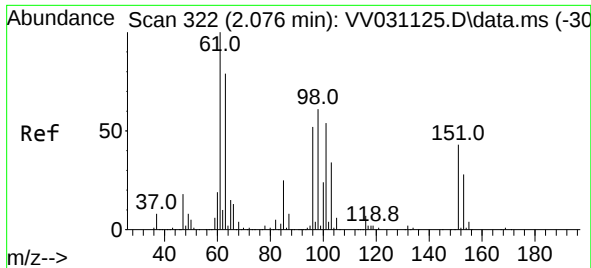
Tgt Ion: 50 Resp: 10203
Ion Ratio Lower Upper
50 100
52 35.4 23.3 43.3



#6
Bromomethane
Concen: 4.133 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.006 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

Tgt Ion: 94 Resp: 3497
Ion Ratio Lower Upper
94 100
96 100.2 63.9 118.7

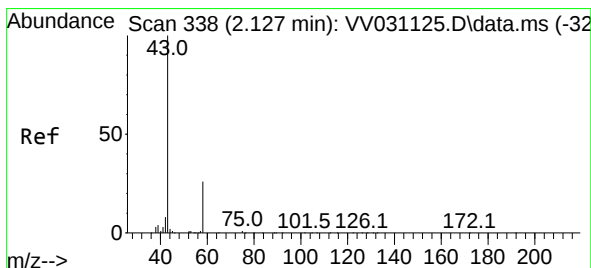
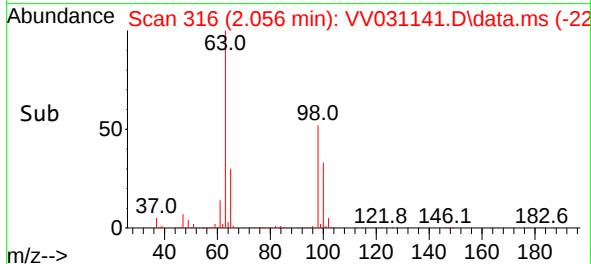
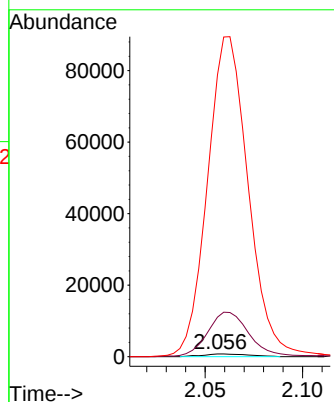
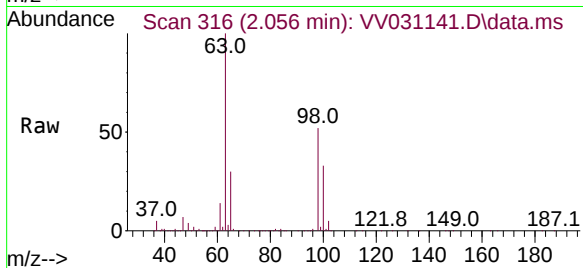




#12
1,1-Dichloroethene
Concen: 0.945 ug/L
RT: 2.056 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

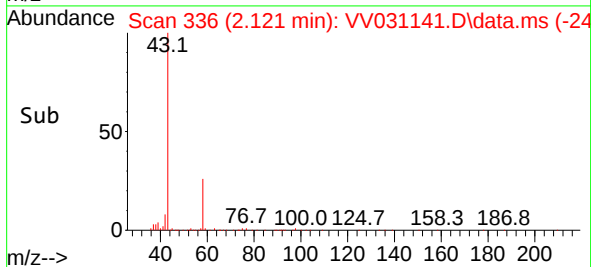
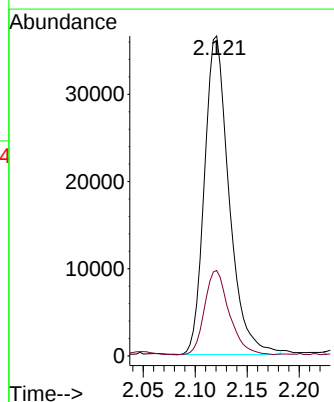
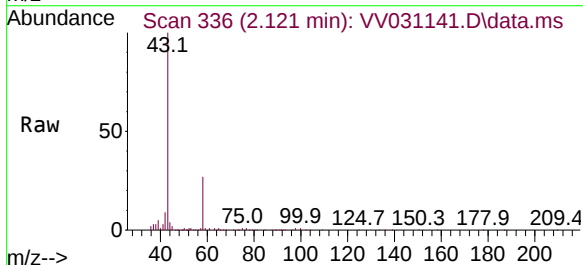
Instrument :
MSVOA_V
ClientSampleId :
GBX70

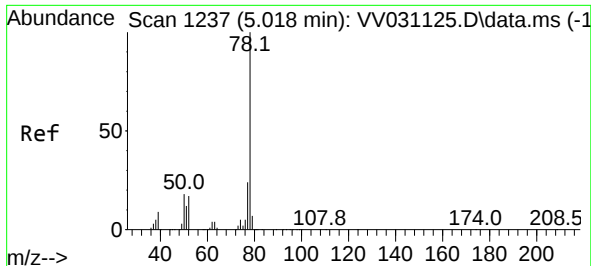
Tgt Ion: 96 Resp: 1255
Ion Ratio Lower Upper
96 100
61 1419.5 137.9 256.1#
63 10129.6 114.2 212.0#



#13
Acetone
Concen: 42.573 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.006 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

Tgt Ion: 43 Resp: 60278
Ion Ratio Lower Upper
43 100
58 27.3 0.0 54.0

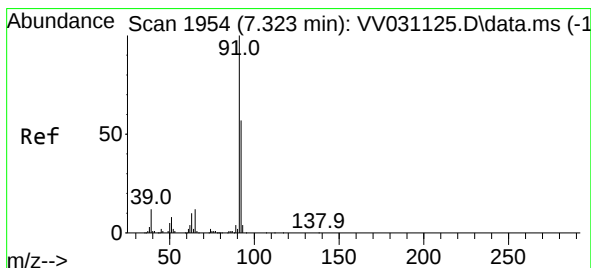
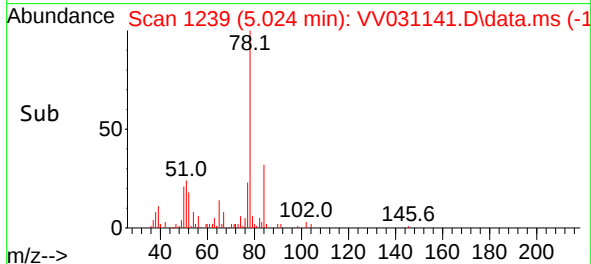
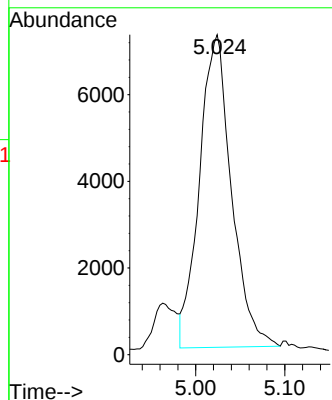
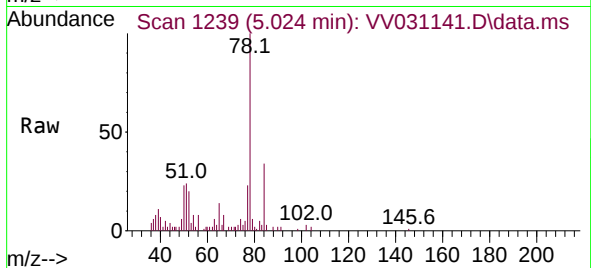




#33
Benzene
Concen: 3.281 ug/L
RT: 5.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

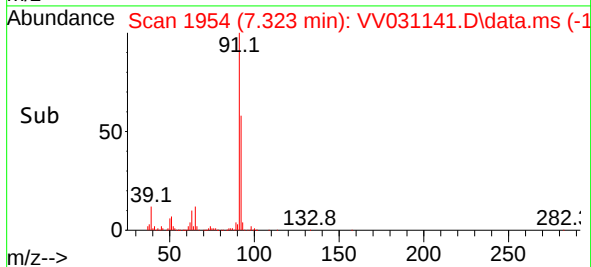
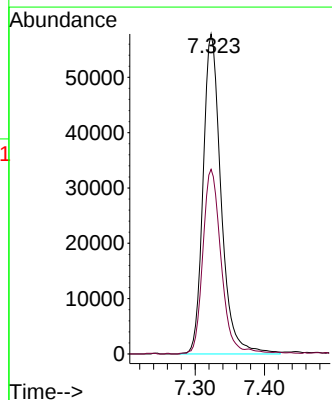
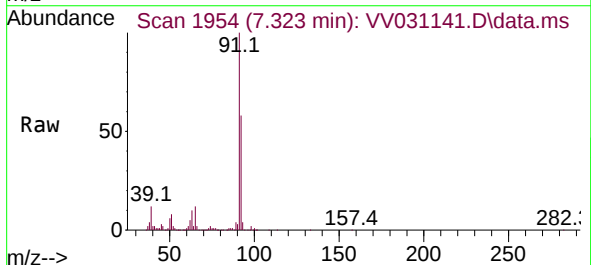
Instrument :
MSVOA_V
ClientSampleId :
GBX70

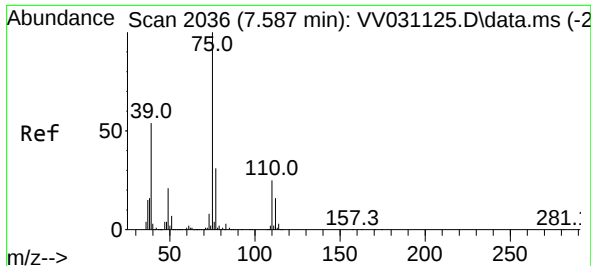
Tgt Ion: 78 Resp: 17979



#42
Toluene
Concen: 17.587 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

Tgt Ion: 91 Resp: 104258
Ion Ratio Lower Upper
91 100
92 57.7 40.9 76.0

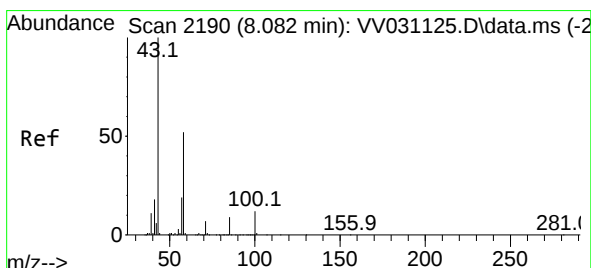
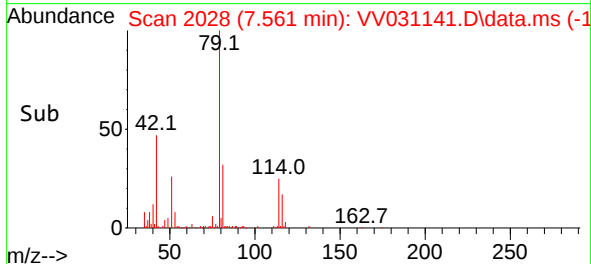
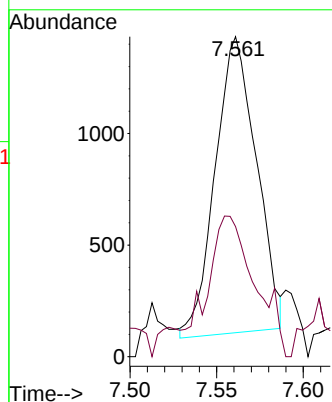
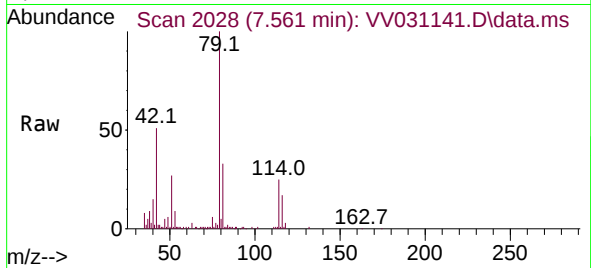




#44
trans-1,3-Dichloropropene
Concen: 0.934 ug/L
RT: 7.561 min Scan# 2036
Delta R.T. -0.026 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

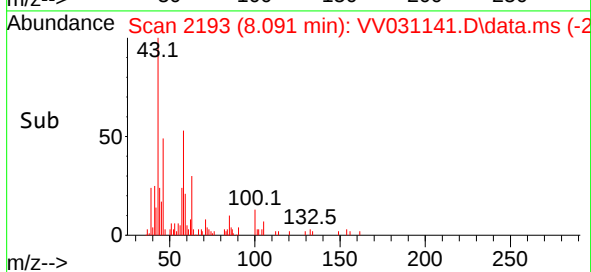
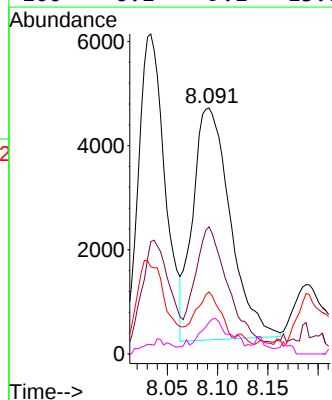
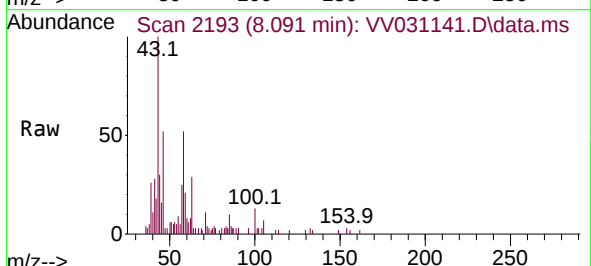
Instrument :
MSVOA_V
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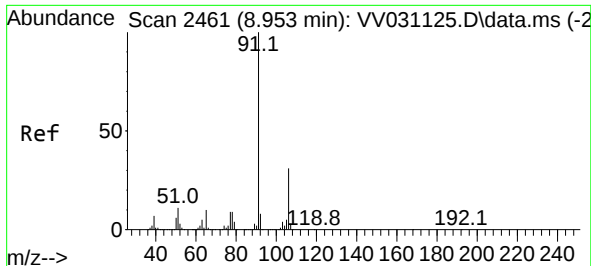
Tgt Ion: 75 Resp: 2198
Ion Ratio Lower Upper
75 100
77 40.7 22.2 41.2



#48
2-Hexanone
Concen: 5.951 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. 0.010 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

Tgt Ion: 43 Resp: 11503
Ion Ratio Lower Upper
43 100
58 50.4 39.8 59.6
57 11.8 14.4 21.6#
100 6.1 9.1 13.7#





#52

Ethylbenzene

Concen: 5.189 ug/L

RT: 8.956 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV031141.D

Acq: 20 May 2023 05:59

Instrument :

MSVOA_V

ClientSampleId :

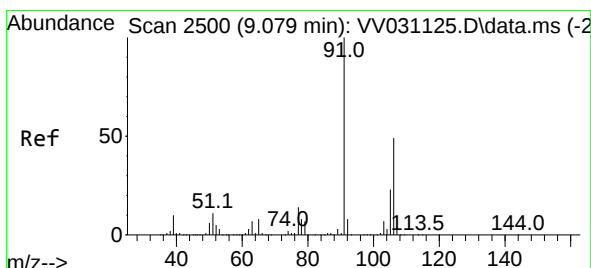
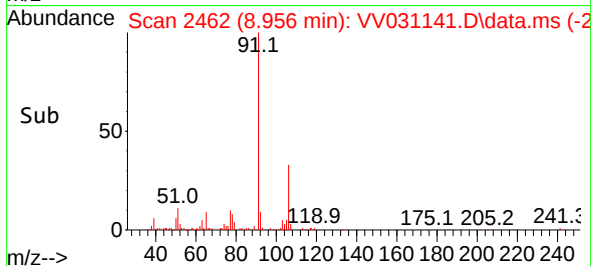
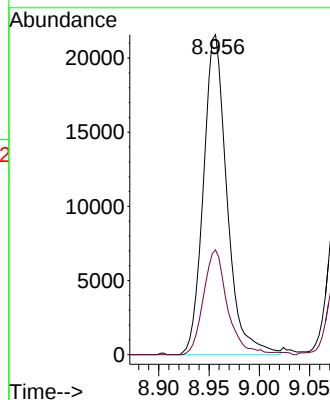
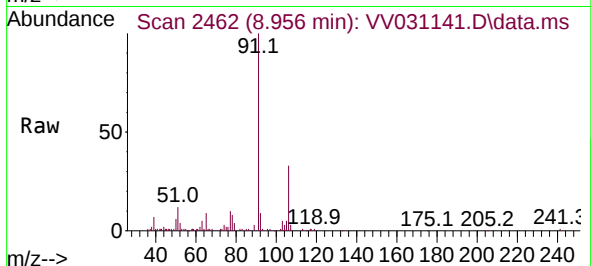
GBX70

Tgt Ion: 91 Resp: 35218

Ion Ratio Lower Upper

91 100

106 32.8 21.5 39.9



#53

m,p-Xylene

Concen: 3.738 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.000 min

Lab File: VV031141.D

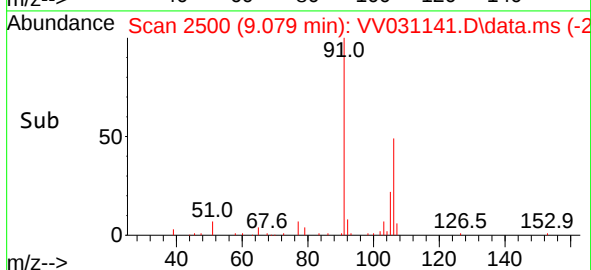
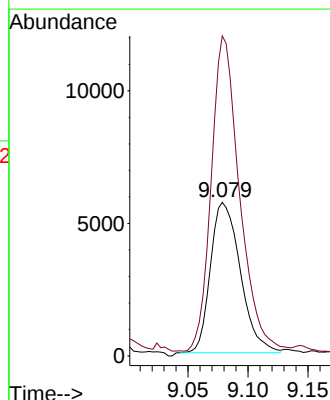
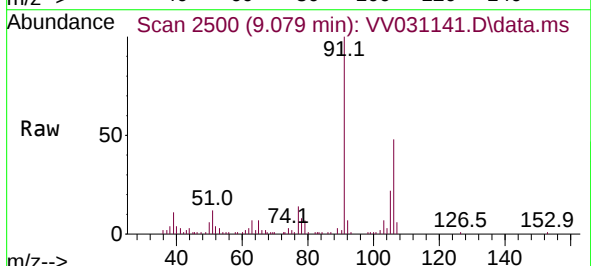
Acq: 20 May 2023 05:59

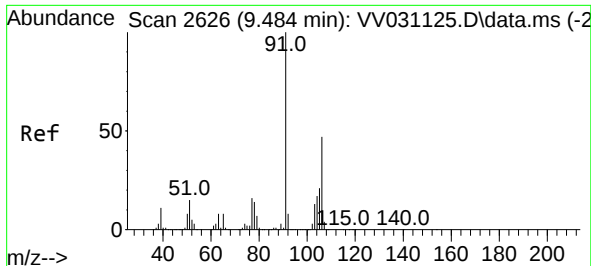
Tgt Ion: 106 Resp: 9841

Ion Ratio Lower Upper

106 100

91 208.2 145.3 269.8

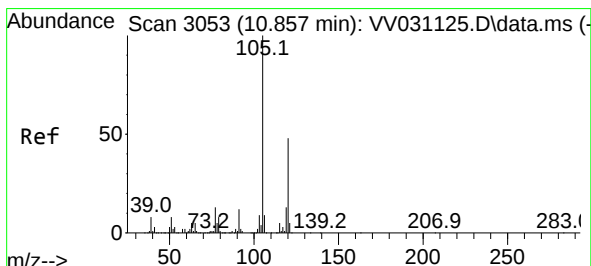
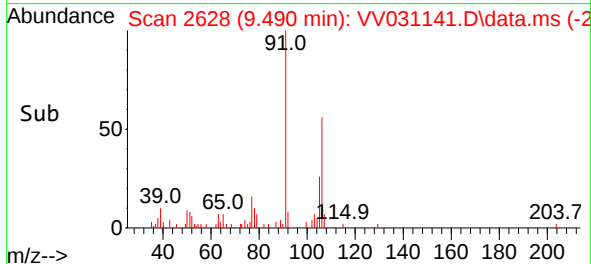
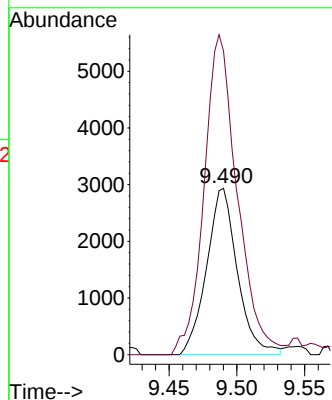
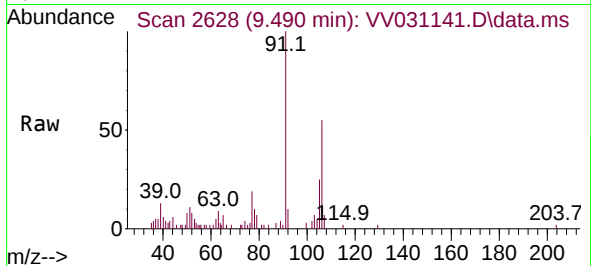




#54
o-Xylene
Concen: 1.788 ug/L
RT: 9.490 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

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Tgt Ion:106 Resp: 4645
Ion Ratio Lower Upper
106 100
91 182.3 150.4 279.2



#63
1,2,4-Trimethylbenzene
Concen: 0.902 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031141.D
Acq: 20 May 2023 05:59

Tgt Ion:105 Resp: 4026
Ion Ratio Lower Upper
105 100
120 51.9 37.5 56.3

