

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031134.D
 Acq On : 20 May 2023 03:06
 Operator : SY/MD
 Sample : 02865-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX63

Quant Time: May 20 06:25:36 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)

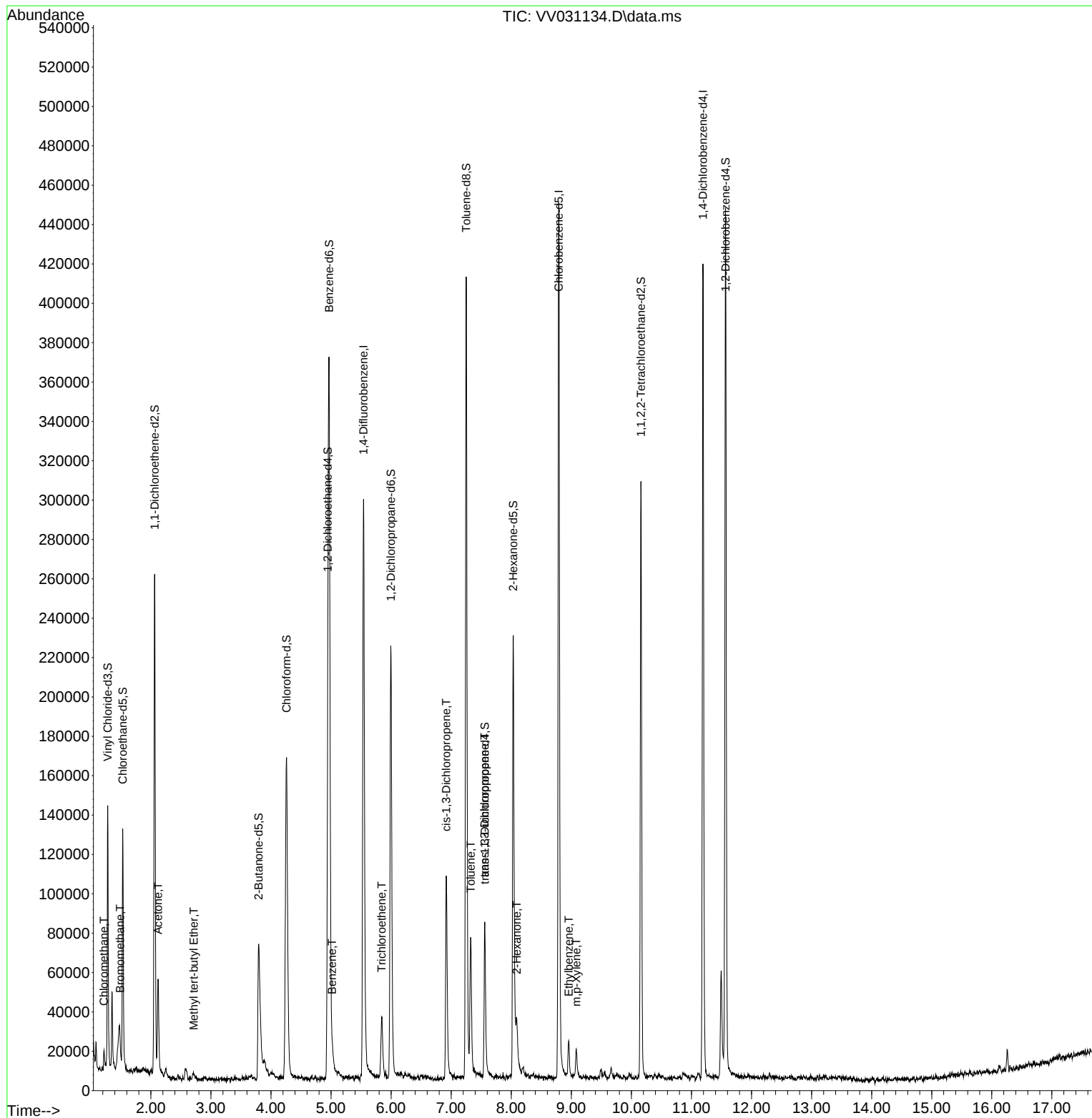
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	246790	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	241112	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	110446	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	86074	40.810	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.620%		
7) Chloroethane-d5	1.532	69	73732	45.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.760%		
11) 1,1-Dichloroethene-d2	2.063	65	43531	44.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.020%		
21) 2-Butanone-d5	3.796	46	113204	100.730	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.730%		
24) Chloroform-d	4.259	84	166607	44.652	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.300%		
26) 1,2-Dichloroethane-d4	4.947	65	119606	47.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.880%		
32) Benzene-d6	4.966	84	301092	46.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.120%		
36) 1,2-Dichloropropane-d6	5.995	67	90896	46.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.960%		
41) Toluene-d8	7.249	98	265724	43.558	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.120%		
43) trans-1,3-Dichloroprop...	7.561	79	42330	43.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.280%		
47) 2-Hexanone-d5	8.034	63	73036	95.781	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.780%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	128544	43.822	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.640%		
66) 1,2-Dichlorobenzene-d4	11.567	152	108775	54.806	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.620%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	9749	5.589	ug/L	94
6) Bromomethane	1.487	94	3108	3.560	ug/L	77
13) Acetone	2.121	43	52286	35.787	ug/L	95
18) Methyl tert-butyl Ether	2.716	73	2925	0.597	ug/L	93
33) Benzene	5.018	78	8504	1.472	ug/L	100
34) Trichloroethene	5.844	95	10697	6.911	ug/L	93
39) cis-1,3-Dichloropropene	6.918	75	3702	1.510	ug/L #	65
42) Toluene	7.326	91	50070	8.012	ug/L	97
44) trans-1,3-Dichloropropene	7.558	75	2457	0.991	ug/L #	71
48) 2-Hexanone	8.092	43	15251	7.484	ug/L #	91
52) Ethylbenzene	8.956	91	12457	1.741	ug/L	91
53) m,p-Xylene	9.085	106	4001	1.441	ug/L	93

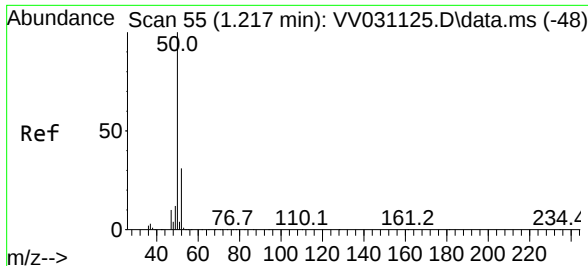
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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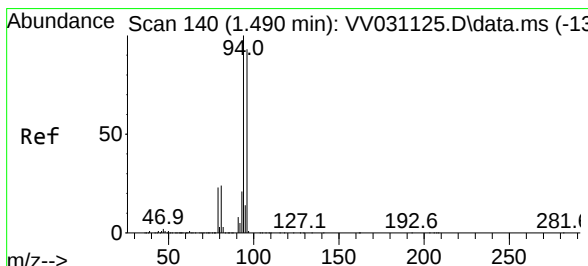
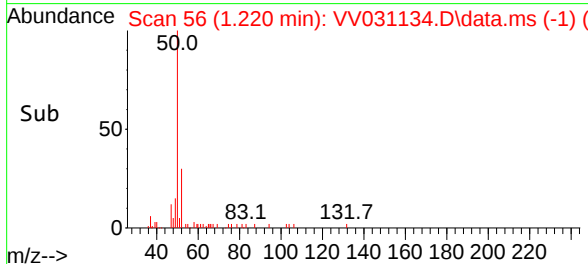
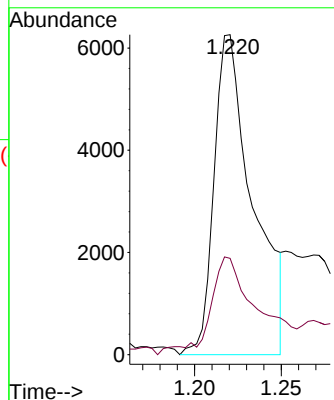
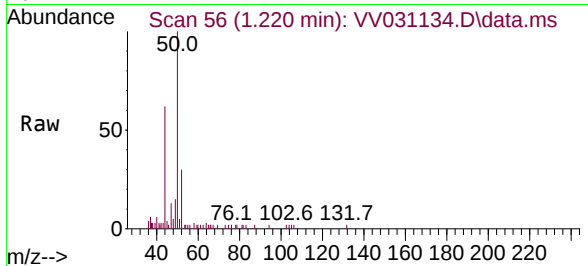




#3
Chloromethane
Concen: 5.589 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031134.D
Acq: 20 May 2023 03:06

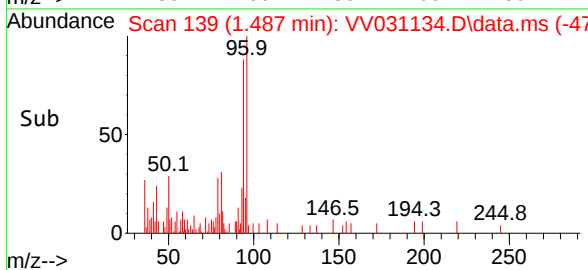
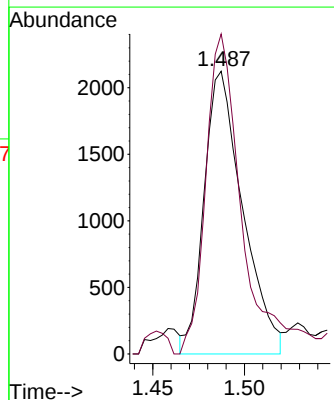
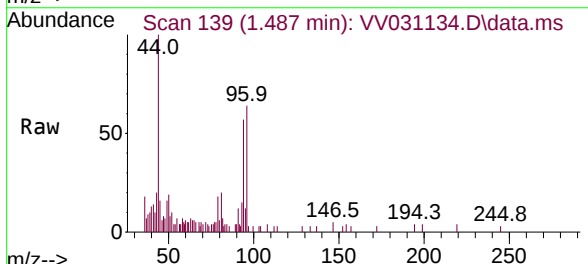
Instrument :
MSVOA_V
ClientSampleId :
GBX63

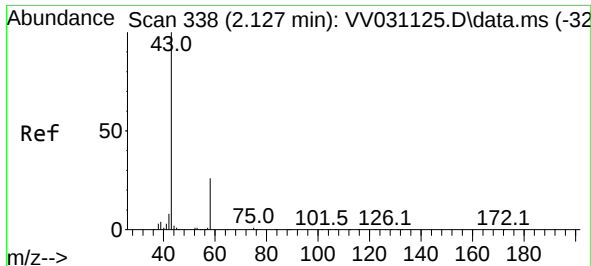
Tgt Ion: 50 Resp: 9749
Ion Ratio Lower Upper
50 100
52 30.1 23.3 43.3



#6
Bromomethane
Concen: 3.560 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031134.D
Acq: 20 May 2023 03:06

Tgt Ion: 94 Resp: 3108
Ion Ratio Lower Upper
94 100
96 113.2 63.9 118.7





#13

Acetone

Concen: 35.787 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031134.D

Acq: 20 May 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

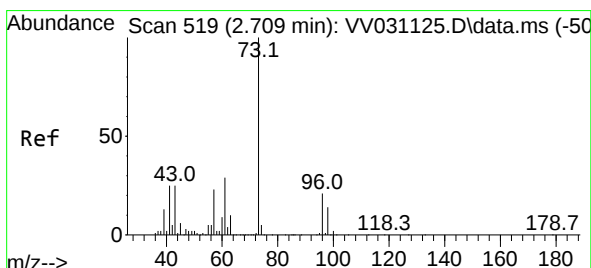
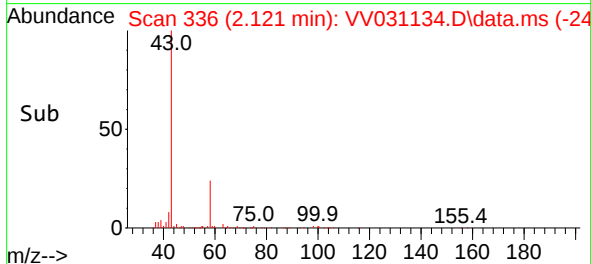
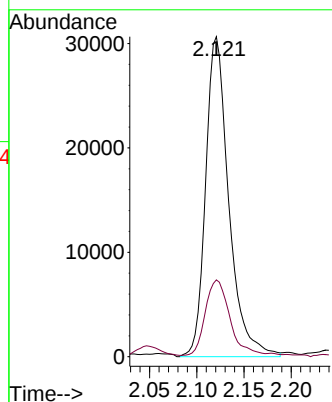
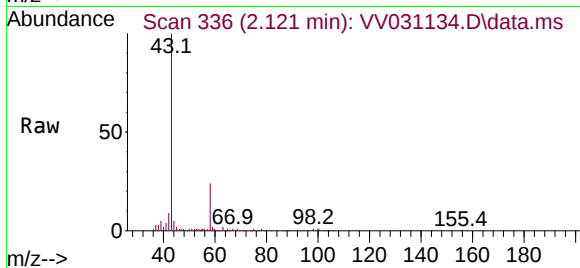
GBX63

Tgt Ion: 43 Resp: 52286

Ion Ratio Lower Upper

43 100

58 24.7 0.0 54.0



#18

Methyl tert-butyl Ether

Concen: 0.597 ug/L

RT: 2.716 min Scan# 521

Delta R.T. 0.007 min

Lab File: VV031134.D

Acq: 20 May 2023 03:06

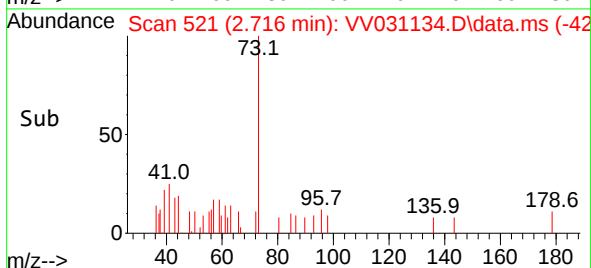
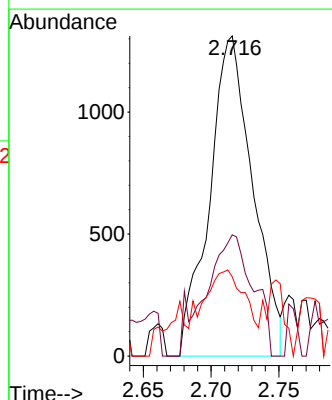
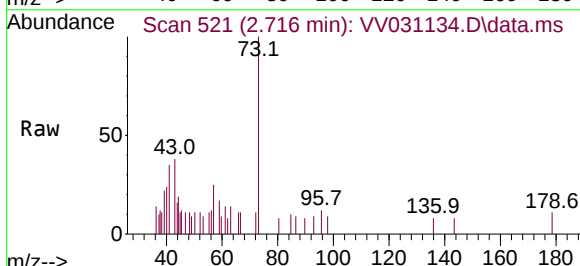
Tgt Ion: 73 Resp: 2925

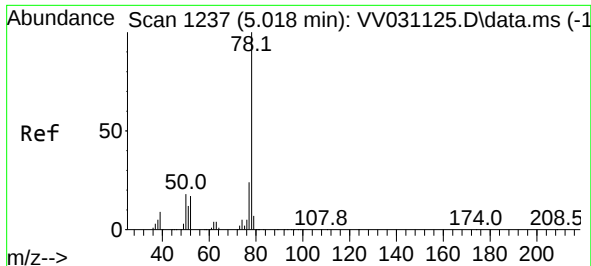
Ion Ratio Lower Upper

73 100

43 19.7 19.4 29.2

57 19.7 17.1 25.7

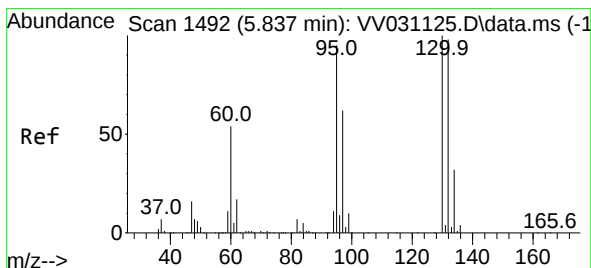
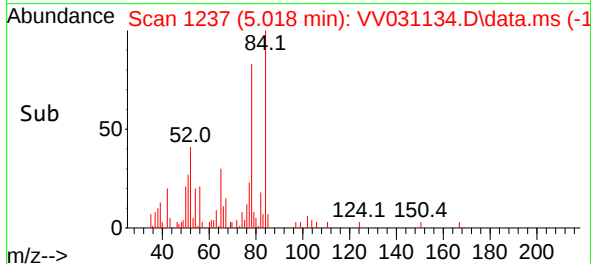
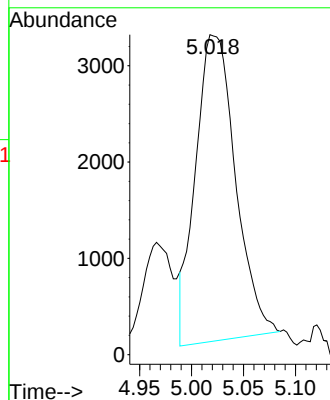
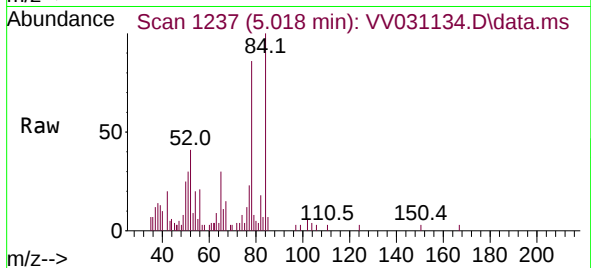




#33
Benzene
Concen: 1.472 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031134.D
Acq: 20 May 2023 03:06

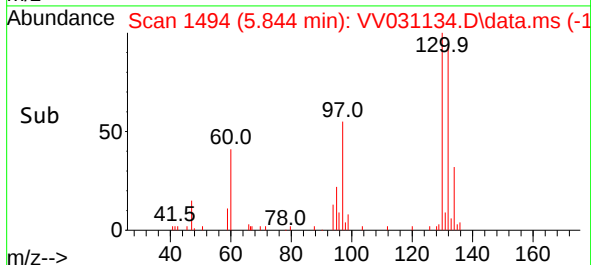
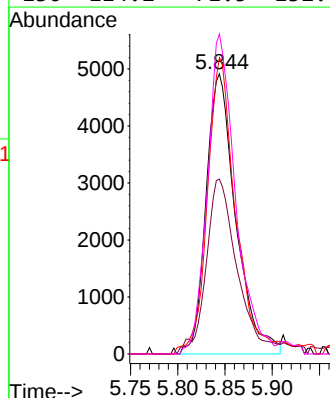
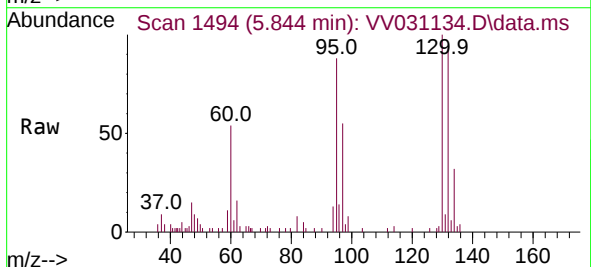
Instrument :
MSVOA_V
ClientSampleId :
GBX63

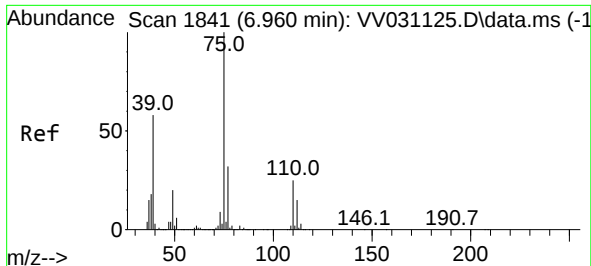
Tgt Ion: 78 Resp: 8504



#34
Trichloroethene
Concen: 6.911 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.007 min
Lab File: VV031134.D
Acq: 20 May 2023 03:06

Tgt Ion: 95 Resp: 10697
Ion Ratio Lower Upper
95 100
97 62.4 44.4 82.5
132 105.8 70.2 130.4
130 114.2 71.5 132.7





#39

cis-1,3-Dichloropropene

Concen: 1.510 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV031134.D

Acq: 20 May 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

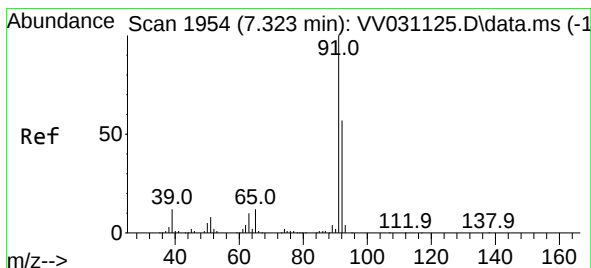
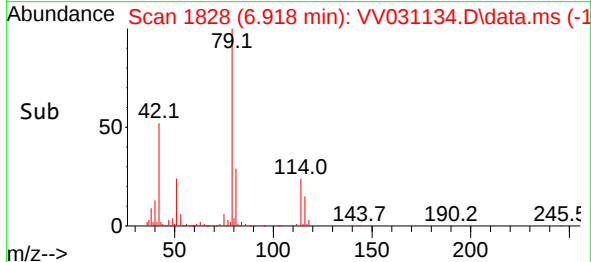
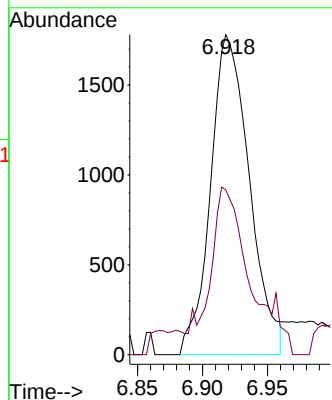
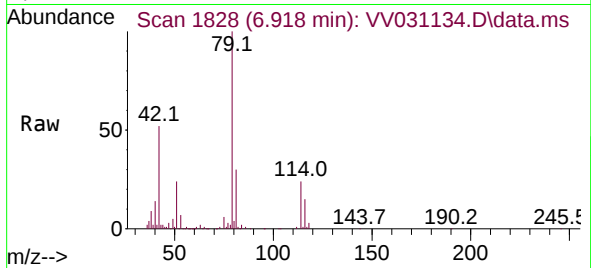
GBX63

Tgt Ion: 75 Resp: 3702

Ion Ratio Lower Upper

75 100

77 51.5 22.3 41.3#



#42

Toluene

Concen: 8.012 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VV031134.D

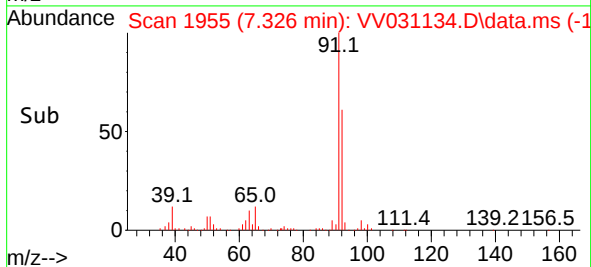
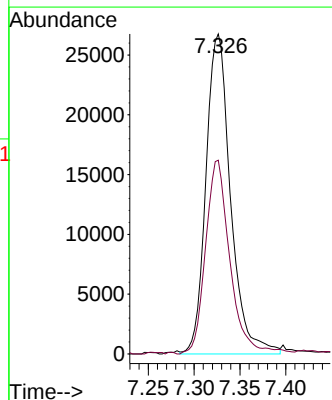
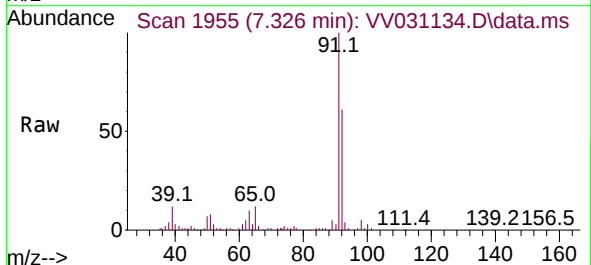
Acq: 20 May 2023 03:06

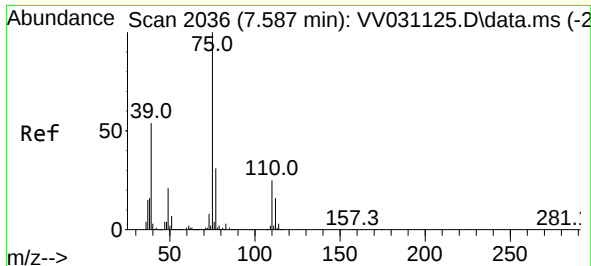
Tgt Ion: 91 Resp: 50070

Ion Ratio Lower Upper

91 100

92 60.6 40.9 76.0





#44

trans-1,3-Dichloropropene

Concen: 0.991 ug/L

RT: 7.558 min Scan# 2036

Delta R.T. -0.029 min

Lab File: VV031134.D

Acq: 20 May 2023 03:06

Instrument :

MSVOA_V

ClientSampleId :

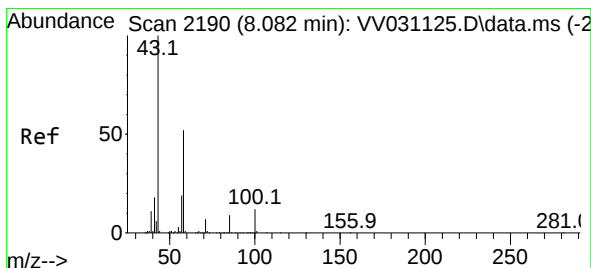
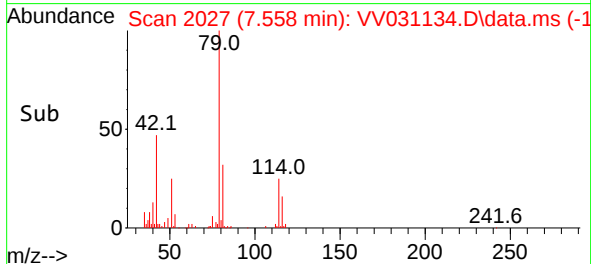
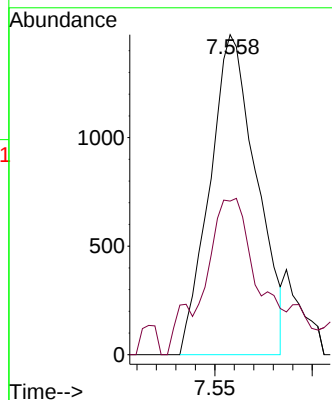
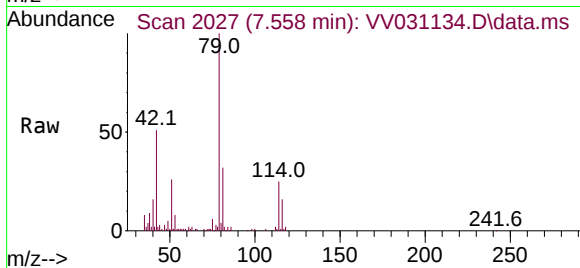
GBX63

Tgt Ion: 75 Resp: 2457

Ion Ratio Lower Upper

75 100

77 48.0 22.2 41.2#



#48

2-Hexanone

Concen: 7.484 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.010 min

Lab File: VV031134.D

Acq: 20 May 2023 03:06

Tgt Ion: 43 Resp: 15251

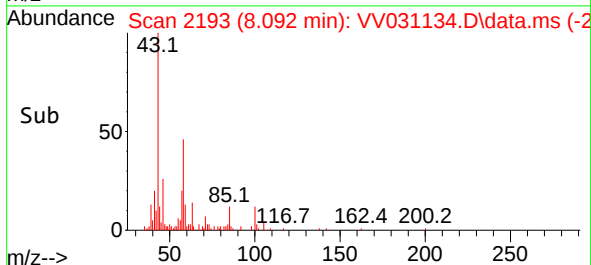
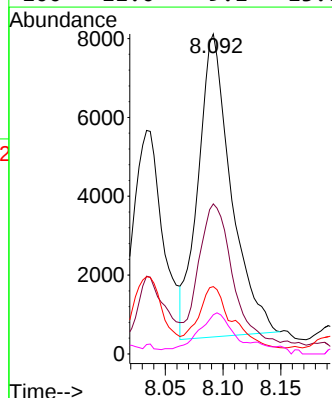
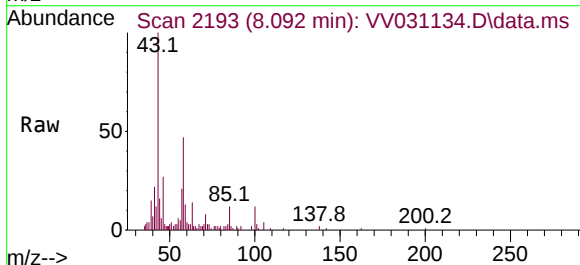
Ion Ratio Lower Upper

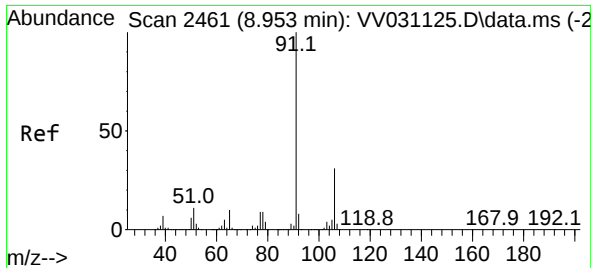
43 100

58 43.9 39.8 59.6

57 11.6 14.4 21.6#

100 11.0 9.1 13.7

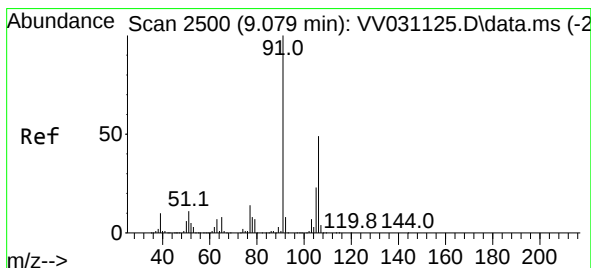
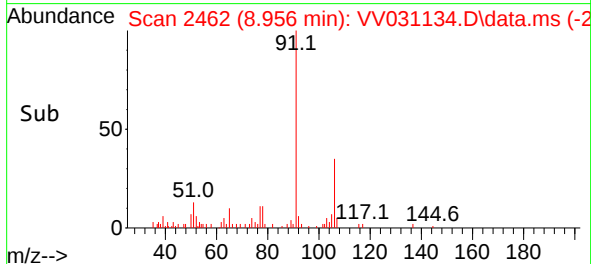
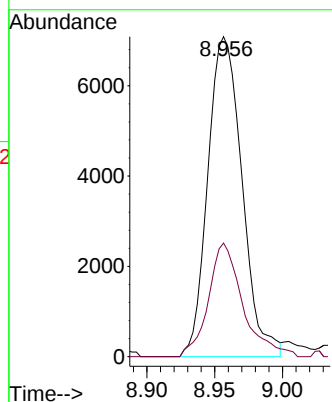
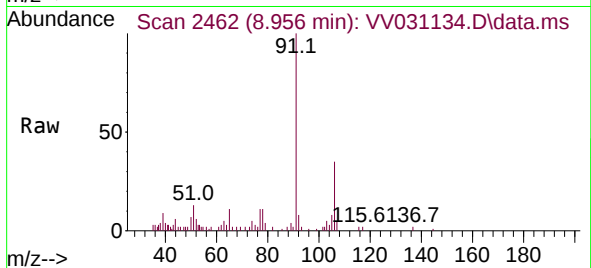




#52
Ethylbenzene
Concen: 1.741 ug/L
RT: 8.956 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV031134.D
Acq: 20 May 2023 03:06

Instrument :
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Tgt Ion: 91 Resp: 12457
Ion Ratio Lower Upper
91 100
106 35.5 21.5 39.9



#53
m,p-Xylene
Concen: 1.441 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.007 min
Lab File: VV031134.D
Acq: 20 May 2023 03:06

Tgt Ion: 106 Resp: 4001
Ion Ratio Lower Upper
106 100
91 196.8 145.3 269.8

