

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031135.D
 Acq On : 20 May 2023 03:31
 Operator : SY/MD
 Sample : 02865-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX64

Quant Time: May 20 06:25:56 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)

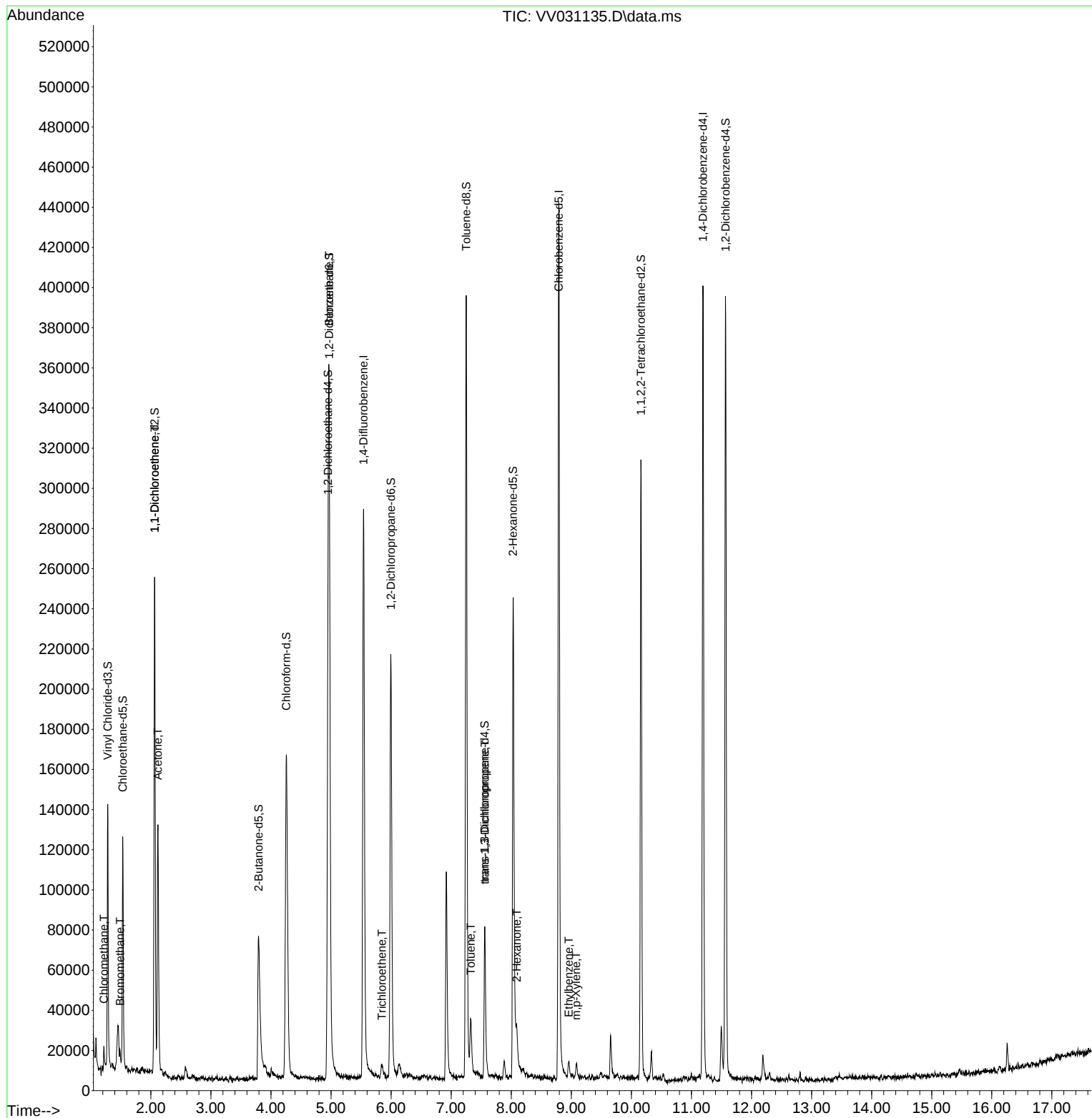
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	239365	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	104747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	85095	41.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.200%		
7) Chloroethane-d5	1.532	69	69700	44.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.460%		
11) 1,1-Dichloroethene-d2	2.063	65	41695	43.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.920%		
21) 2-Butanone-d5	3.793	46	120854	110.873	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.870%		
24) Chloroform-d	4.256	84	162586	44.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.860%		
26) 1,2-Dichloroethane-d4	4.950	65	118438	48.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.860%		
32) Benzene-d6	4.966	84	293609	47.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
36) 1,2-Dichloropropane-d6	5.995	67	87035	46.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.740%		
41) Toluene-d8	7.249	98	252261	43.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.100%		
43) trans-1,3-Dichloroprop...	7.558	79	40673	43.661	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.320%		
47) 2-Hexanone-d5	8.030	63	76452	105.604	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.600%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130119	46.723	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.440%		
66) 1,2-Dichlorobenzene-d4	11.567	152	97375	51.732	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.460%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	11110	6.567	ug/L	99
6) Bromomethane	1.487	94	3099	3.659	ug/L	91
12) 1,1-Dichloroethene	2.063	96	1340	1.008	ug/L #	1
13) Acetone	2.117	43	125901	88.845	ug/L	97
27) 1,2-Dichloroethane	4.969	62	2978	1.121	ug/L	97
34) Trichloroethene	5.847	95	2001	1.362	ug/L	93
42) Toluene	7.326	91	19710	3.322	ug/L	97
44) trans-1,3-Dichloropropene	7.561	75	2211	0.939	ug/L #	70
48) 2-Hexanone	8.091	43	13420	6.937	ug/L	90
52) Ethylbenzene	8.956	91	4989	0.734	ug/L	98
53) m,p-Xylene	9.082	106	1933	0.734	ug/L	82

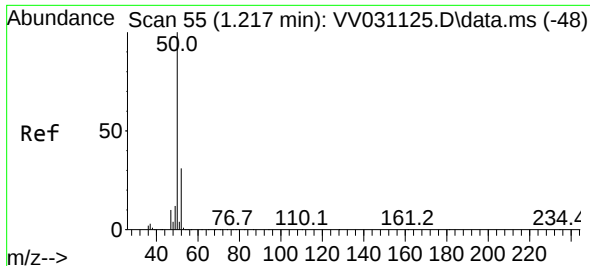
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031135.D
Acq On : 20 May 2023 03:31
Operator : SY/MD
Sample : 02865-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBX64

Quant Time: May 20 06:25:56 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

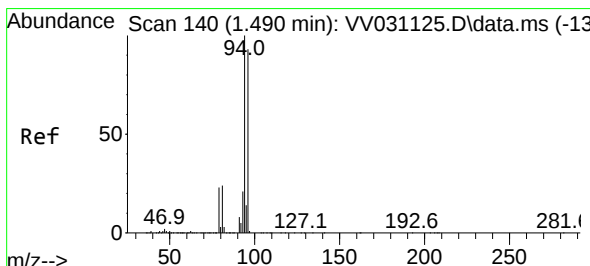
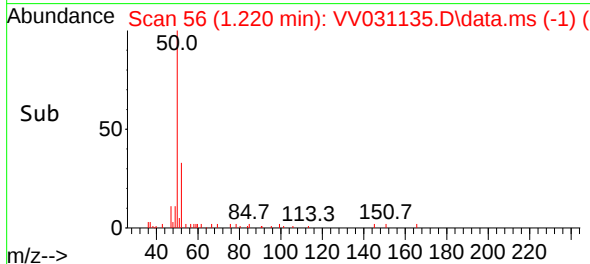
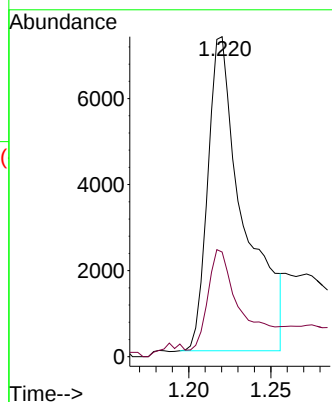
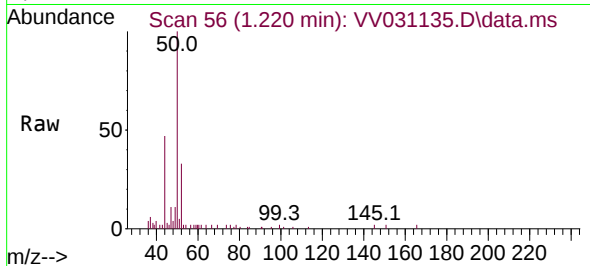




#3
Chloromethane
Concen: 6.567 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031135.D
Acq: 20 May 2023 03:31

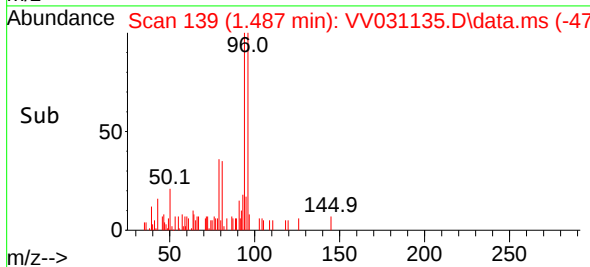
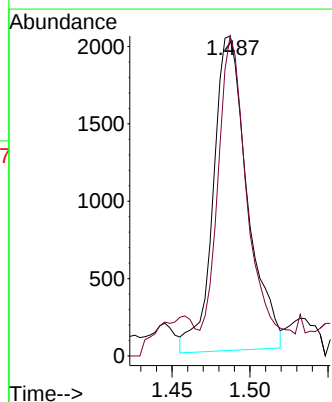
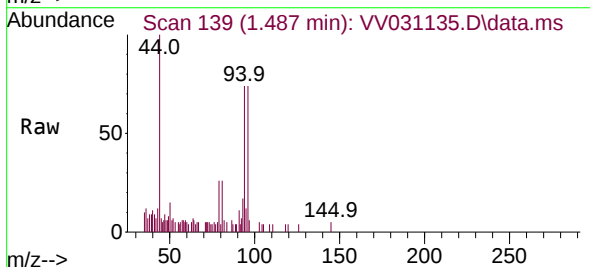
Instrument :
MSVOA_V
ClientSampleId :
GBX64

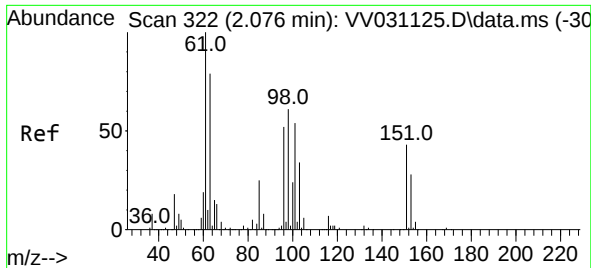
Tgt Ion: 50 Resp: 11110
Ion Ratio Lower Upper
50 100
52 32.7 23.3 43.3



#6
Bromomethane
Concen: 3.659 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031135.D
Acq: 20 May 2023 03:31

Tgt Ion: 94 Resp: 3099
Ion Ratio Lower Upper
94 100
96 100.0 63.9 118.7

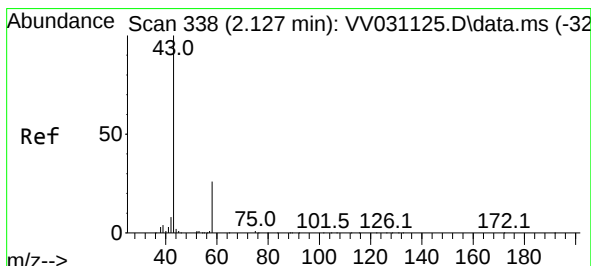
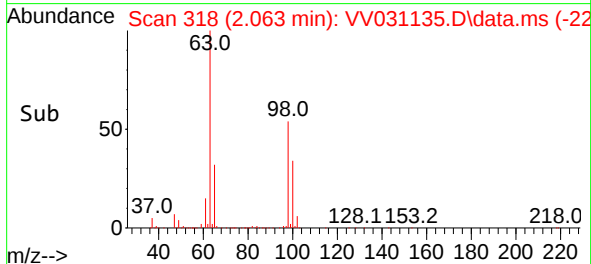
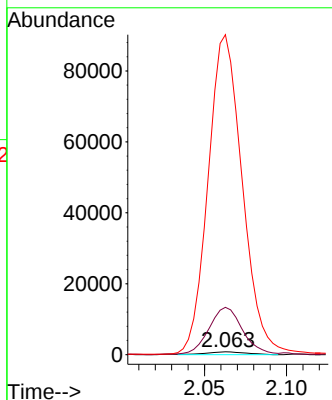
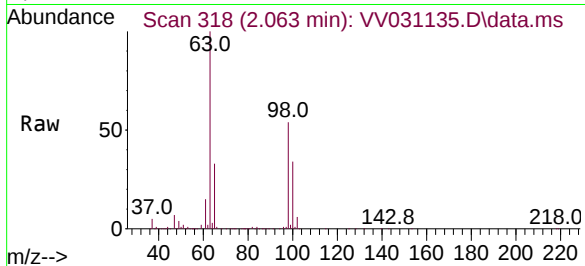




#12
1,1-Dichloroethene
Concen: 1.008 ug/L
RT: 2.063 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV031135.D
Acq: 20 May 2023 03:31

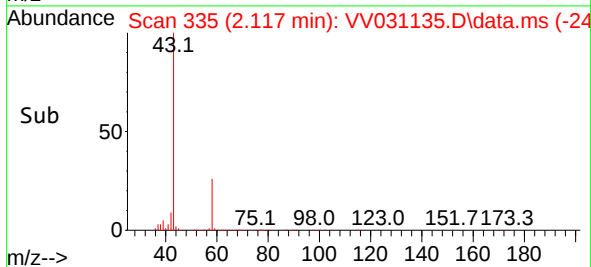
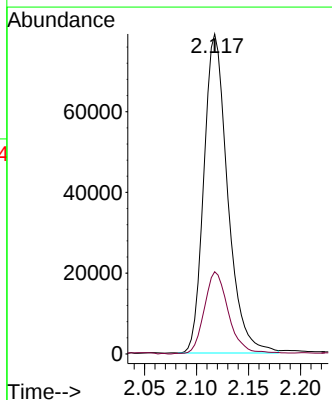
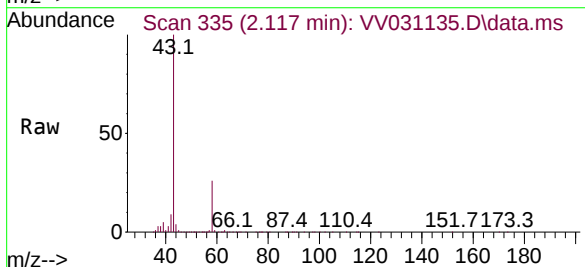
Instrument :
MSVOA_V
ClientSampleId :
GBX64

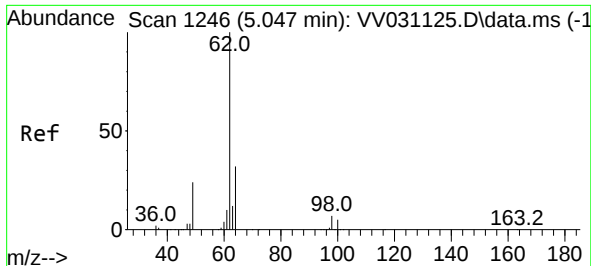
Tgt Ion: 96 Resp: 1340
Ion Ratio Lower Upper
96 100
61 1667.2 137.9 256.1#
63 11263.9 114.2 212.0#



#13
Acetone
Concen: 88.845 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.010 min
Lab File: VV031135.D
Acq: 20 May 2023 03:31

Tgt Ion: 43 Resp: 125901
Ion Ratio Lower Upper
43 100
58 25.3 0.0 54.0





#27

1,2-Dichloroethane

Concen: 1.121 ug/L

RT: 4.969 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV031135.D

Acq: 20 May 2023 03:31

Instrument :

MSVOA_V

ClientSampleId :

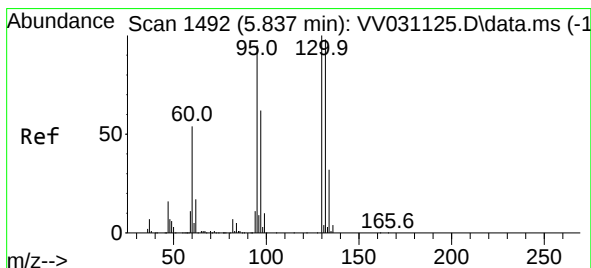
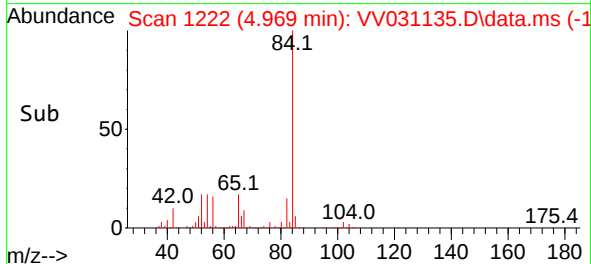
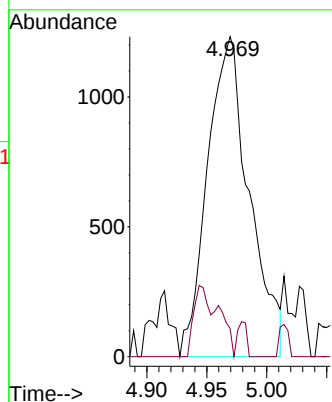
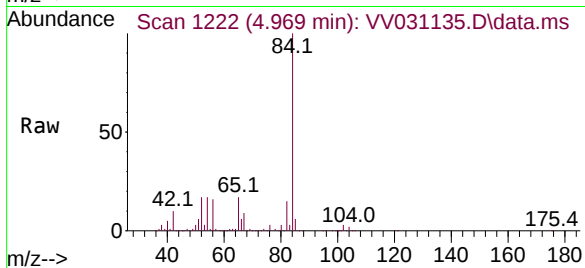
GBX64

Tgt Ion: 62 Resp: 2978

Ion Ratio Lower Upper

62 100

98 8.8 6.3 9.5



#34

Trichloroethene

Concen: 1.362 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031135.D

Acq: 20 May 2023 03:31

Tgt Ion: 95 Resp: 2001

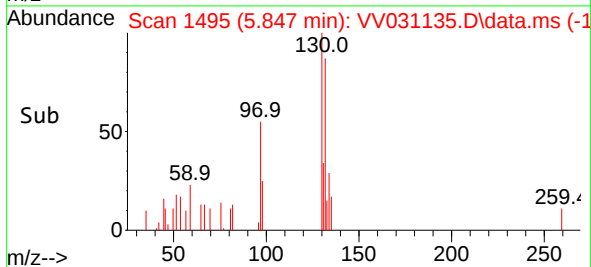
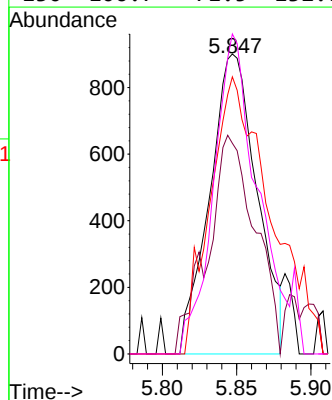
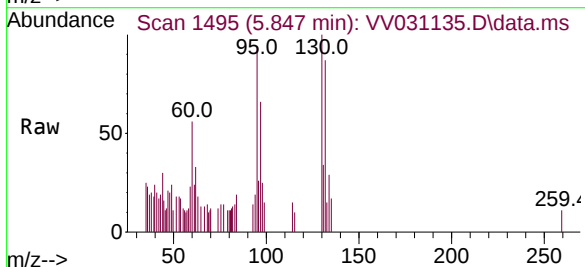
Ion Ratio Lower Upper

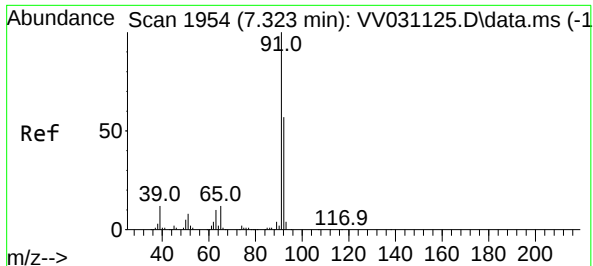
95 100

97 70.3 44.4 82.5

132 108.3 70.2 130.4

130 106.7 71.5 132.7





#42

Toluene

Concen: 3.322 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV031135.D

Acq: 20 May 2023 03:31

Instrument :

MSVOA_V

ClientSampleId :

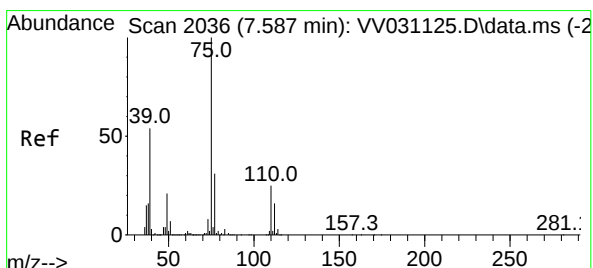
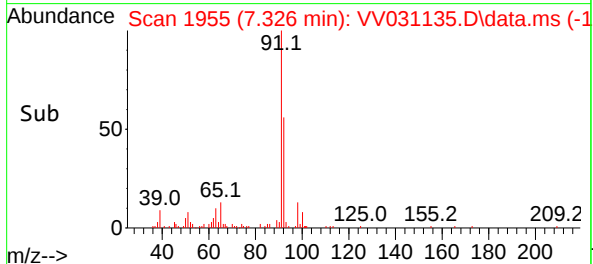
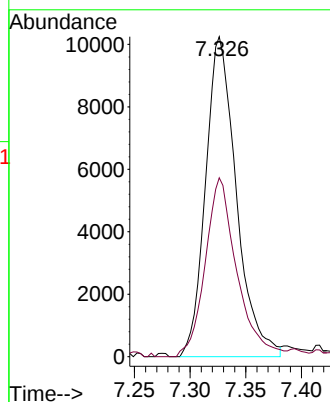
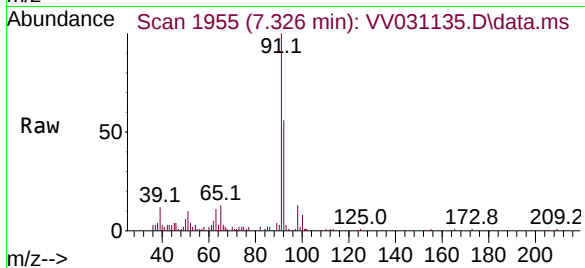
GBX64

Tgt Ion: 91 Resp: 19710

Ion Ratio Lower Upper

91 100

92 55.9 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 0.939 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV031135.D

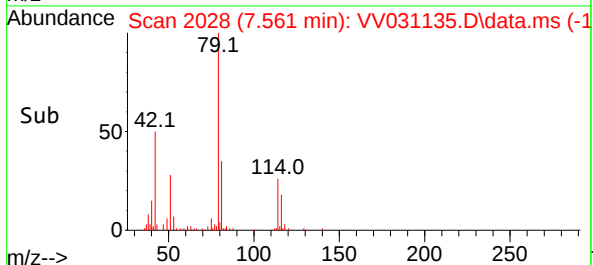
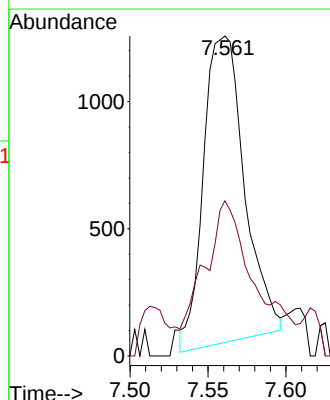
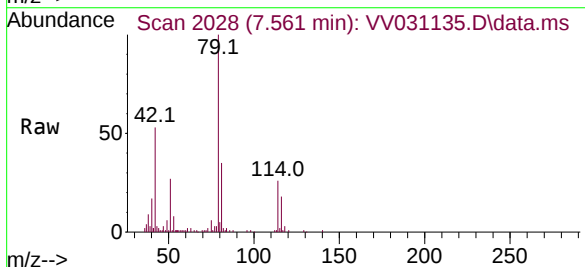
Acq: 20 May 2023 03:31

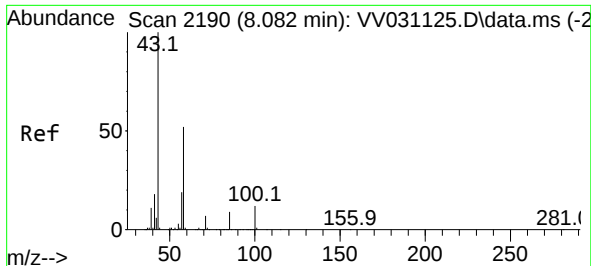
Tgt Ion: 75 Resp: 2211

Ion Ratio Lower Upper

75 100

77 48.5 22.2 41.2#





#48

2-Hexanone

Concen: 6.937 ug/L

RT: 8.091 min Scan# 2190

Delta R.T. 0.010 min

Lab File: VV031135.D

Acq: 20 May 2023 03:31

Instrument :

MSVOA_V

ClientSampleId :

GBX64

Tgt Ion: 43 Resp: 13420

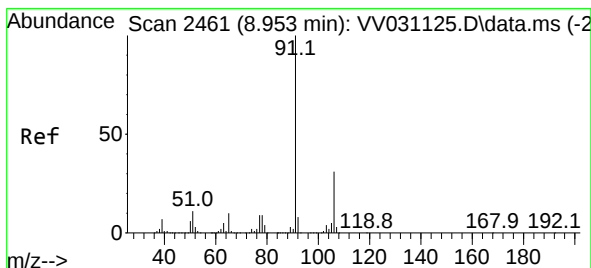
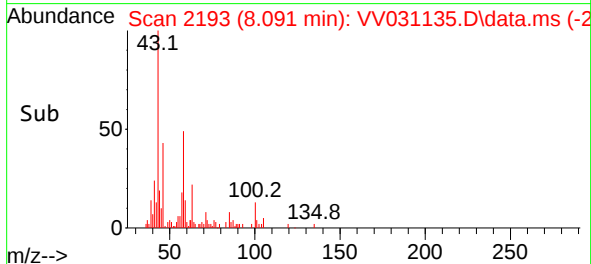
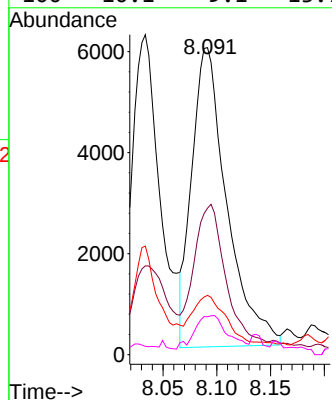
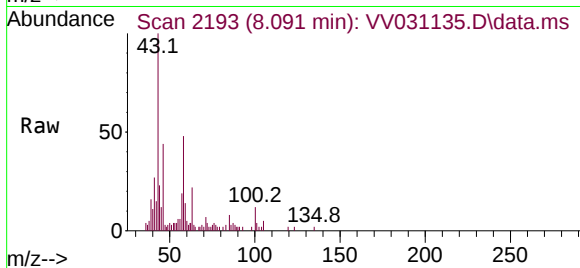
Ion Ratio Lower Upper

43 100

58 41.0 39.8 59.6

57 14.9 14.4 21.6

100 10.1 9.1 13.7



#52

Ethylbenzene

Concen: 0.734 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.003 min

Lab File: VV031135.D

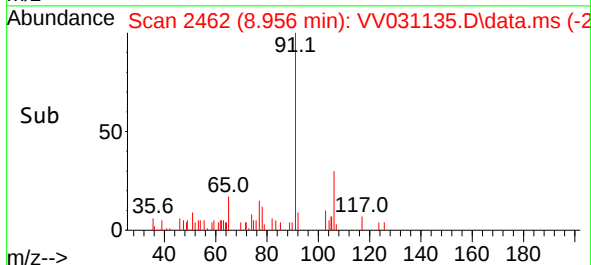
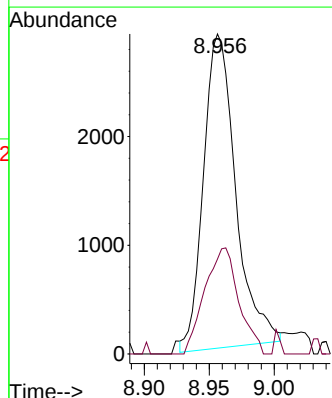
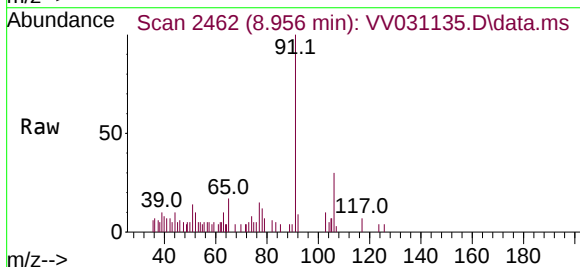
Acq: 20 May 2023 03:31

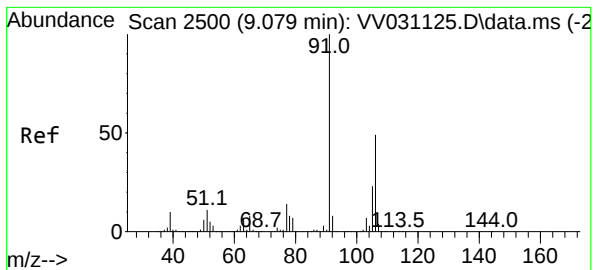
Tgt Ion: 91 Resp: 4989

Ion Ratio Lower Upper

91 100

106 29.7 21.5 39.9





#53
 m,p-Xylene
 Concen: 0.734 ug/L
 RT: 9.082 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031135.D
 Acq: 20 May 2023 03:31

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX64

Tgt Ion:	106	Resp:	1933
Ion	Ratio	Lower	Upper
106	100		
91	179.5	145.3	269.8

