

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052323\
 Data File : VW031200.D
 Acq On : 23 May 2023 19:13
 Operator : SY/MD
 Sample : 02865-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX63

Quant Time: May 24 01:37:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 24 01:27:41 2023
 Response via : Initial Calibration

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

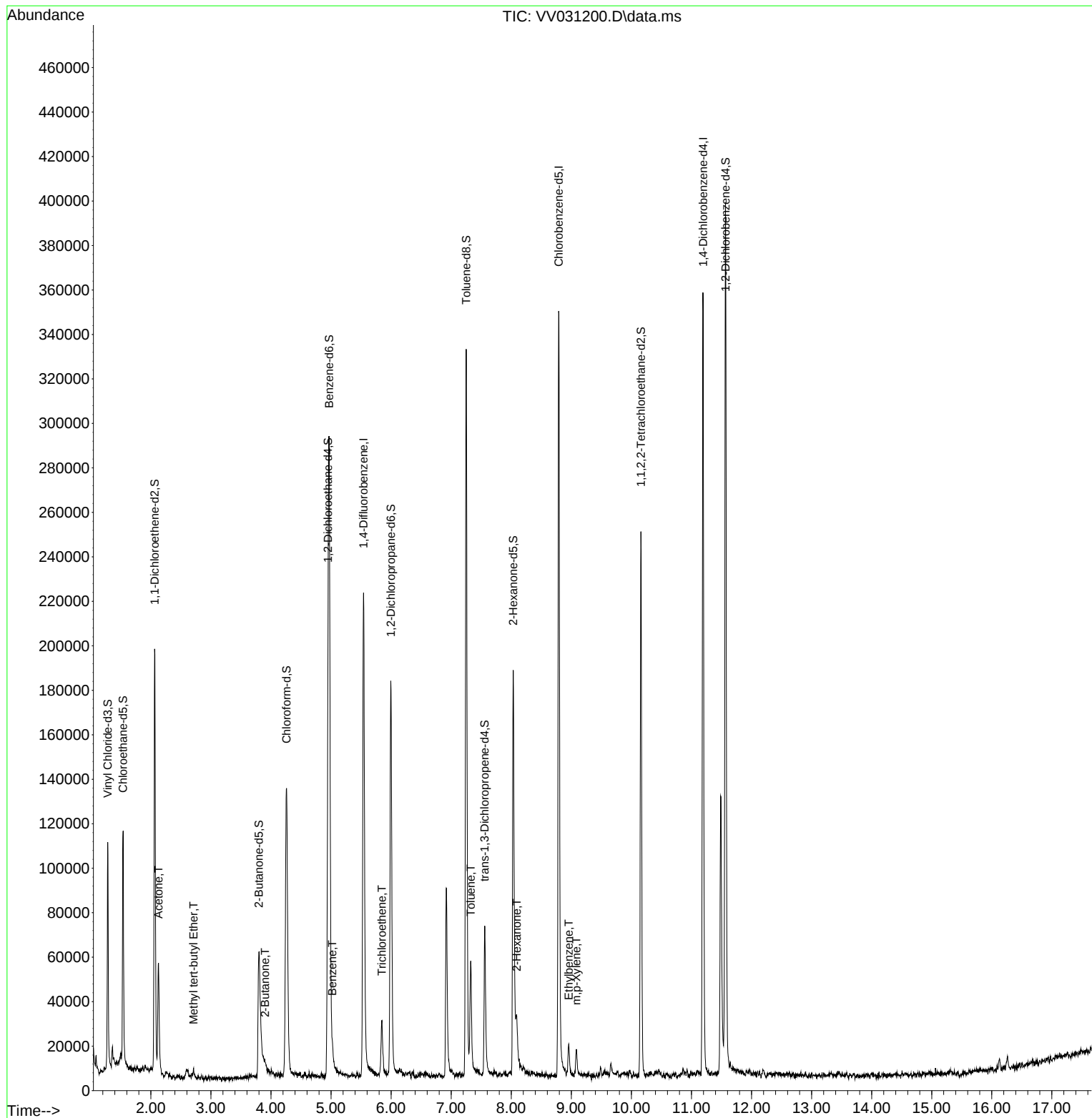
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	182273	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	177875	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	92851	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	63992	41.080	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.160%
7) Chloroethane-d5	1.535	69	62064	51.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.440%
11) 1,1-Dichloroethene-d2	2.063	65	32250	44.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.300%
21) 2-Butanone-d5	3.799	46	99557	119.943	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.940%
24) Chloroform-d	4.259	84	129302	46.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.840%
26) 1,2-Dichloroethane-d4	4.950	65	96456	51.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.600%
32) Benzene-d6	4.969	84	234562	48.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.280%
36) 1,2-Dichloropropane-d6	5.995	67	70521	48.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	7.249	98	205843	45.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.480%
43) trans-1,3-Dichloroprop...	7.558	79	35703	49.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.640%
47) 2-Hexanone-d5	8.034	63	58139	103.350	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.350%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	99312	45.893	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	93606	56.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.200%
Target Compounds						Qvalue
13) Acetone	2.127	43	54344	50.361	ug/L	96
18) Methyl tert-butyl Ether	2.709	73	2141	0.592	ug/L #	60
22) 2-Butanone	3.902	43	7746	7.485	ug/L #	74
33) Benzene	5.021	78	6149	1.443	ug/L	100
34) Trichloroethene	5.847	95	7628	6.681	ug/L	98
42) Toluene	7.326	91	35048	7.602	ug/L	97
48) 2-Hexanone	8.091	43	15160	10.085	ug/L #	89
52) Ethylbenzene	8.956	91	9026	1.710	ug/L	91
53) m,p-Xylene	9.085	106	2931	1.431	ug/L	88

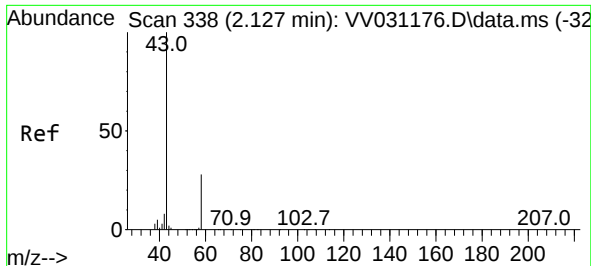
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 50.361 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031200.D

Acq: 23 May 2023 19:13

Instrument :

MSVOA_V

ClientSampleId :

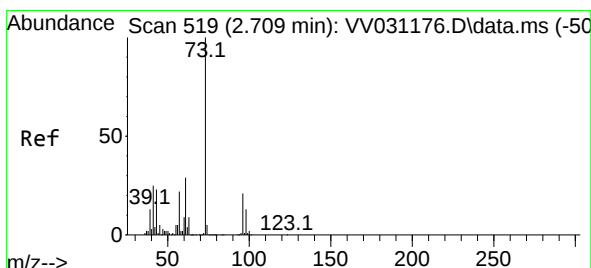
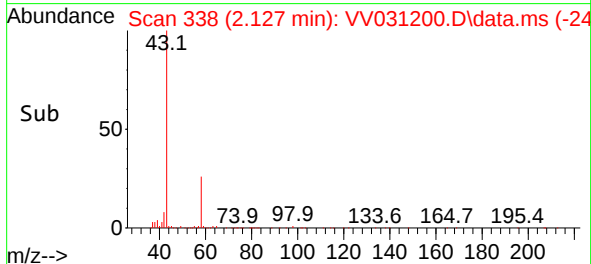
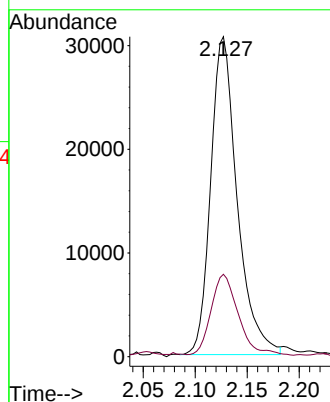
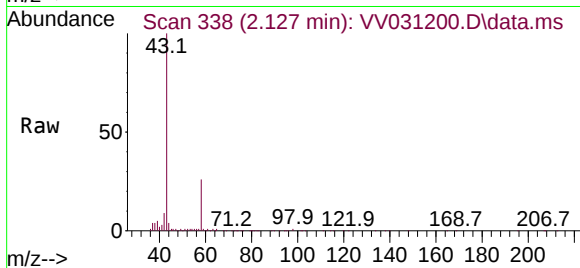
GBX63

Tgt Ion: 43 Resp: 54344

Ion Ratio Lower Upper

43 100

58 24.9 0.0 54.0



#18

Methyl tert-butyl Ether

Concen: 0.592 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031200.D

Acq: 23 May 2023 19:13

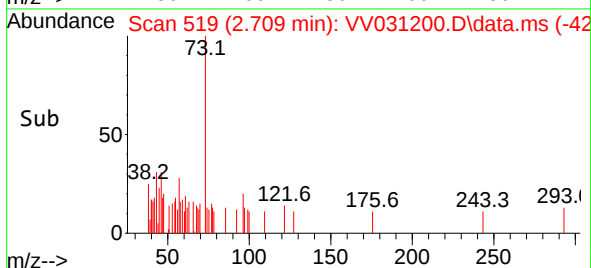
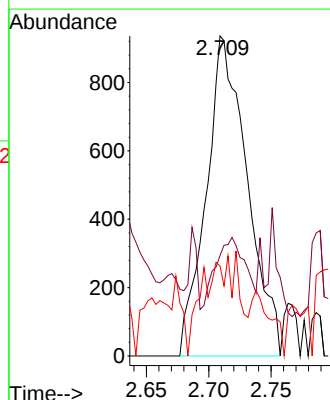
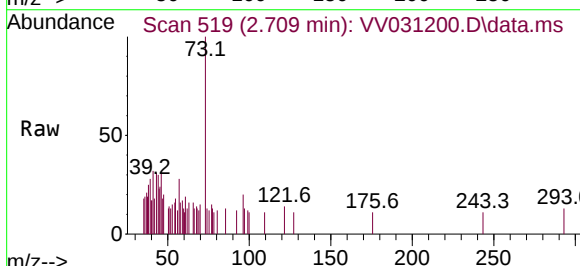
Tgt Ion: 73 Resp: 2141

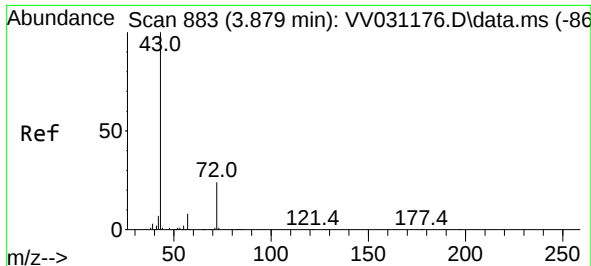
Ion Ratio Lower Upper

73 100

43 0.0 19.4 29.2#

57 7.1 17.1 25.7#





#22

2-Butanone

Concen: 7.485 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.023 min

Lab File: VV031200.D

Acq: 23 May 2023 19:13

Instrument :

MSVOA_V

ClientSampleId :

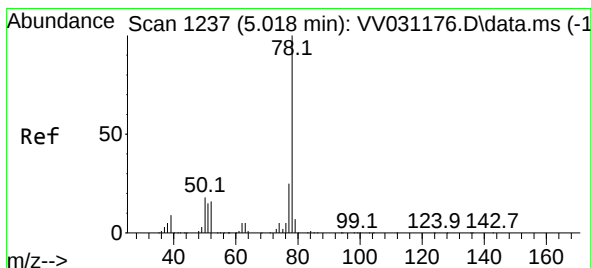
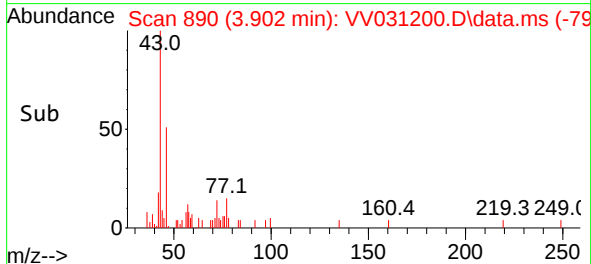
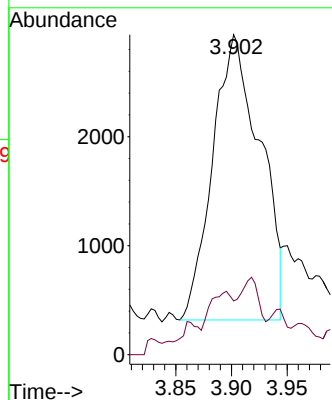
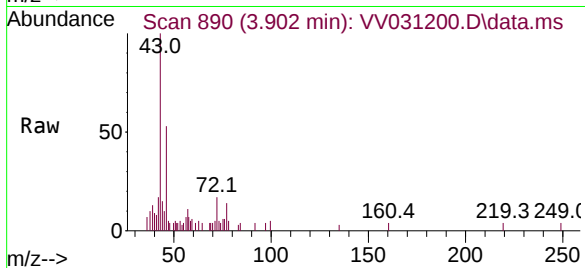
GBX63

Tgt Ion: 43 Resp: 7746

Ion Ratio Lower Upper

43 100

72 11.2 11.9 35.7#



#33

Benzene

Concen: 1.443 ug/L

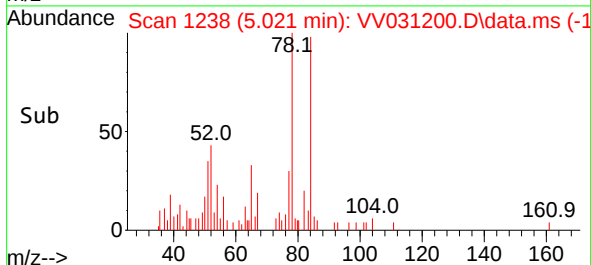
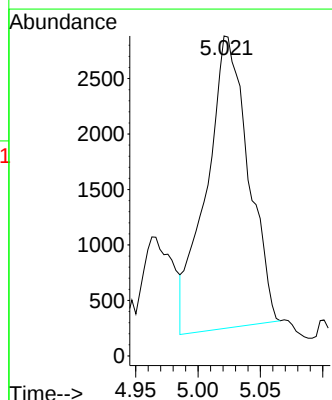
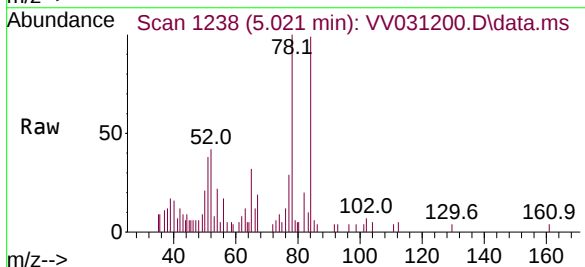
RT: 5.021 min Scan# 1238

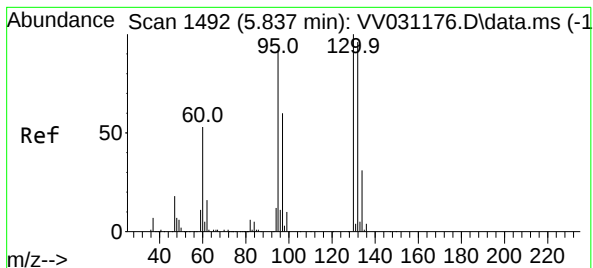
Delta R.T. 0.003 min

Lab File: VV031200.D

Acq: 23 May 2023 19:13

Tgt Ion: 78 Resp: 6149





#34

Trichloroethene

Concen: 6.681 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031200.D

Acq: 23 May 2023 19:13

Instrument :

MSVOA_V

ClientSampleId :

GBX63

Tgt Ion: 95 Resp: 7628

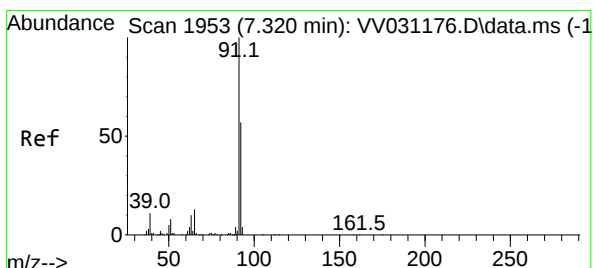
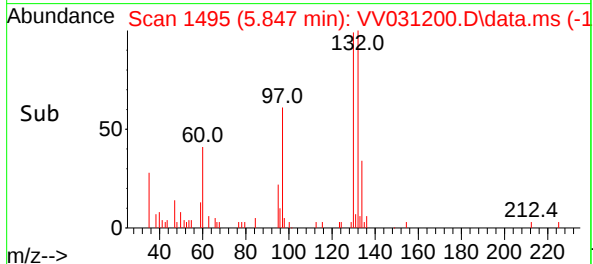
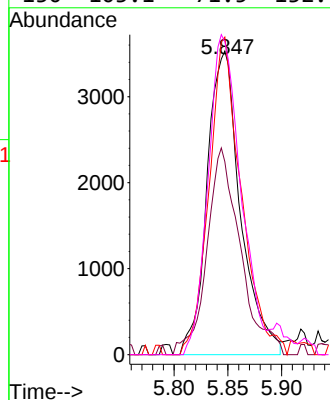
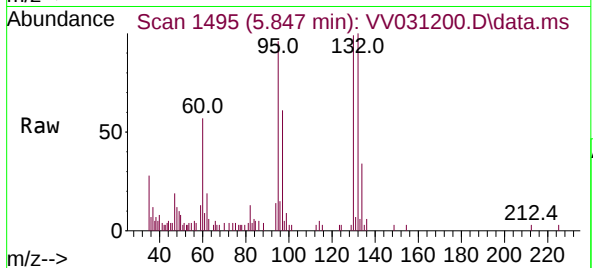
Ion Ratio Lower Upper

95 100

97 63.5 44.4 82.5

132 104.6 70.2 130.4

130 103.1 71.5 132.7



#42

Toluene

Concen: 7.602 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VV031200.D

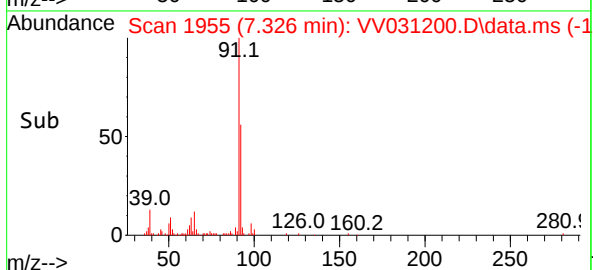
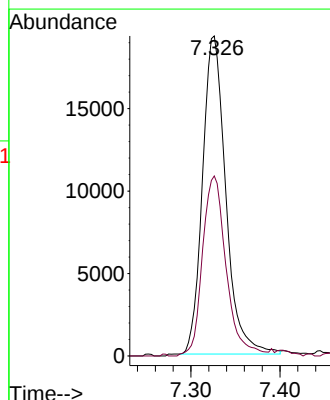
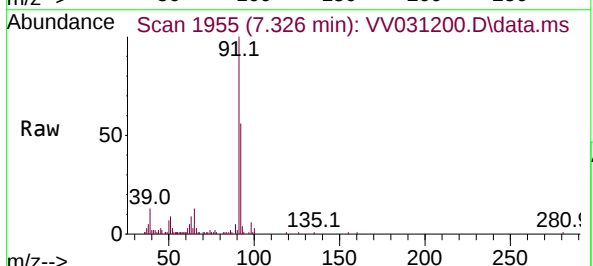
Acq: 23 May 2023 19:13

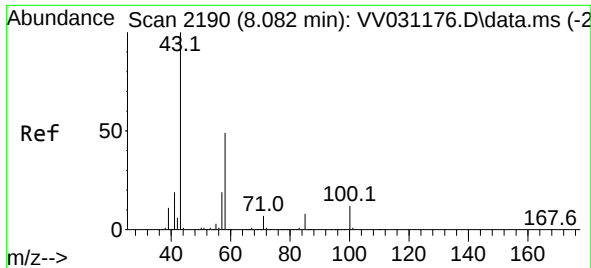
Tgt Ion: 91 Resp: 35048

Ion Ratio Lower Upper

91 100

92 56.2 40.9 76.0

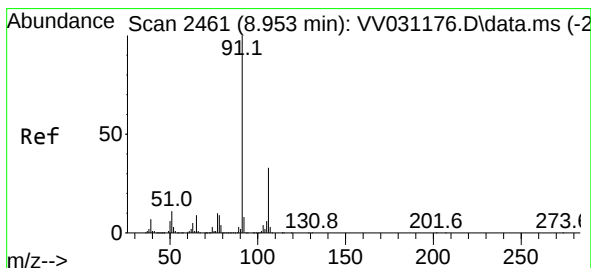
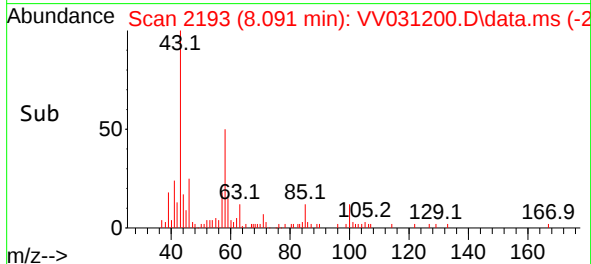
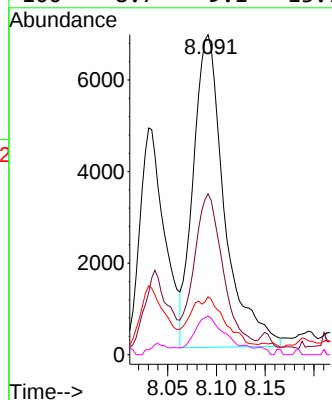
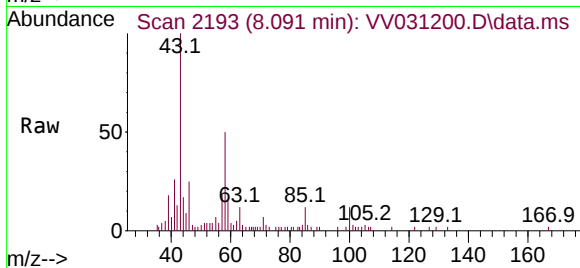




#48
2-Hexanone
Concen: 10.085 ug/L
RT: 8.091 min Scan# 2190
Delta R.T. 0.010 min
Lab File: VV031200.D
Acq: 23 May 2023 19:13

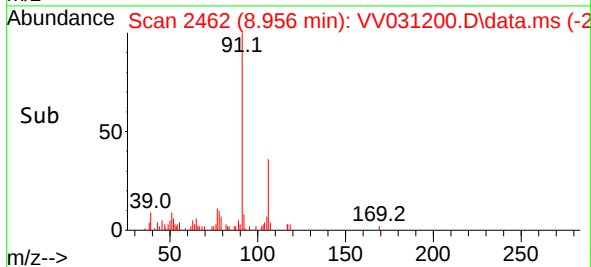
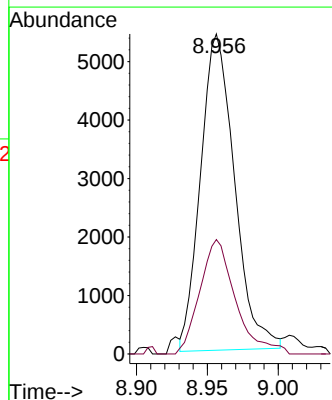
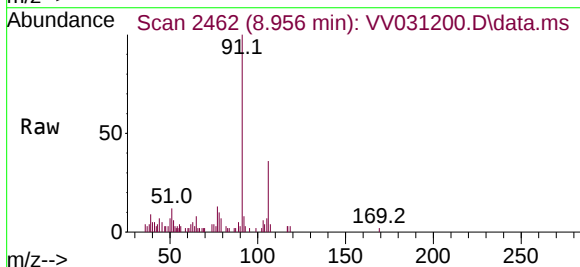
Instrument :
MSVOA_V
ClientSampleId :
GBX63

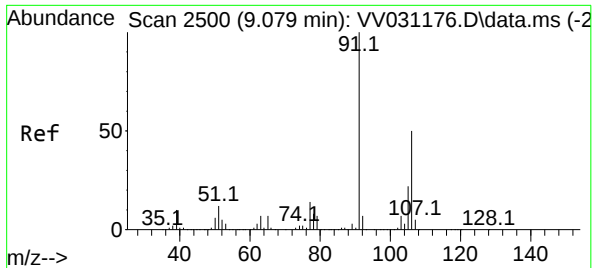
Tgt Ion: 43	Resp: 15160
Ion Ratio	Lower Upper
43 100	
58 47.4	39.8 59.6
57 3.4	14.4 21.6#
100 8.7	9.1 13.7#



#52
Ethylbenzene
Concen: 1.710 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.003 min
Lab File: VV031200.D
Acq: 23 May 2023 19:13

Tgt Ion: 91	Resp: 9026		
Ion Ratio	Lower	Upper	
91 100			
106 35.8	21.5	39.9	





#53
 m,p-Xylene
 Concen: 1.431 ug/L
 RT: 9.085 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV031200.D
 Acq: 23 May 2023 19:13

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX63

Tgt Ion:	106	Resp:	2931
Ion	Ratio	Lower	Upper
106	100		
91	226.4	145.3	269.8

