

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015967.D
 Acq On : 27 Jul 2020 14:23
 Operator : SY/VA
 Sample : L3458-09MS
 Misc : 6.01G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY36MS

Quant Time: Jul 28 01:38:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 28 01:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	399908	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373316	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	94814	16.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.20%
7) Chloroethane-d5	2.89	69	86745	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.72%
10) 1,1-Dichloroethene-d2	4.02	63	229985	20.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.64%
20) 2-Butanone-d5	7.09	46	132149	89.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	178.30%#
24) Chloroform-d	7.65	84	230082	20.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.96%
26) 1,2-Dichloroethane-d4	8.31	65	148172	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.12%
29) Benzene-d6	8.27	84	455728	20.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.24%
33) 1,2-Dichloropropane-d6	9.27	67	147726	21.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.76%
37) Toluene-d8	10.33	98	403823	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.48%
38) trans-1,3-Dichloropropene-	10.58	79	64820	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.28%
39) 2-Hexanone-d5	10.93	63	105403	92.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.84%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	175728	33.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	149532	21.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.92%

Target Compounds

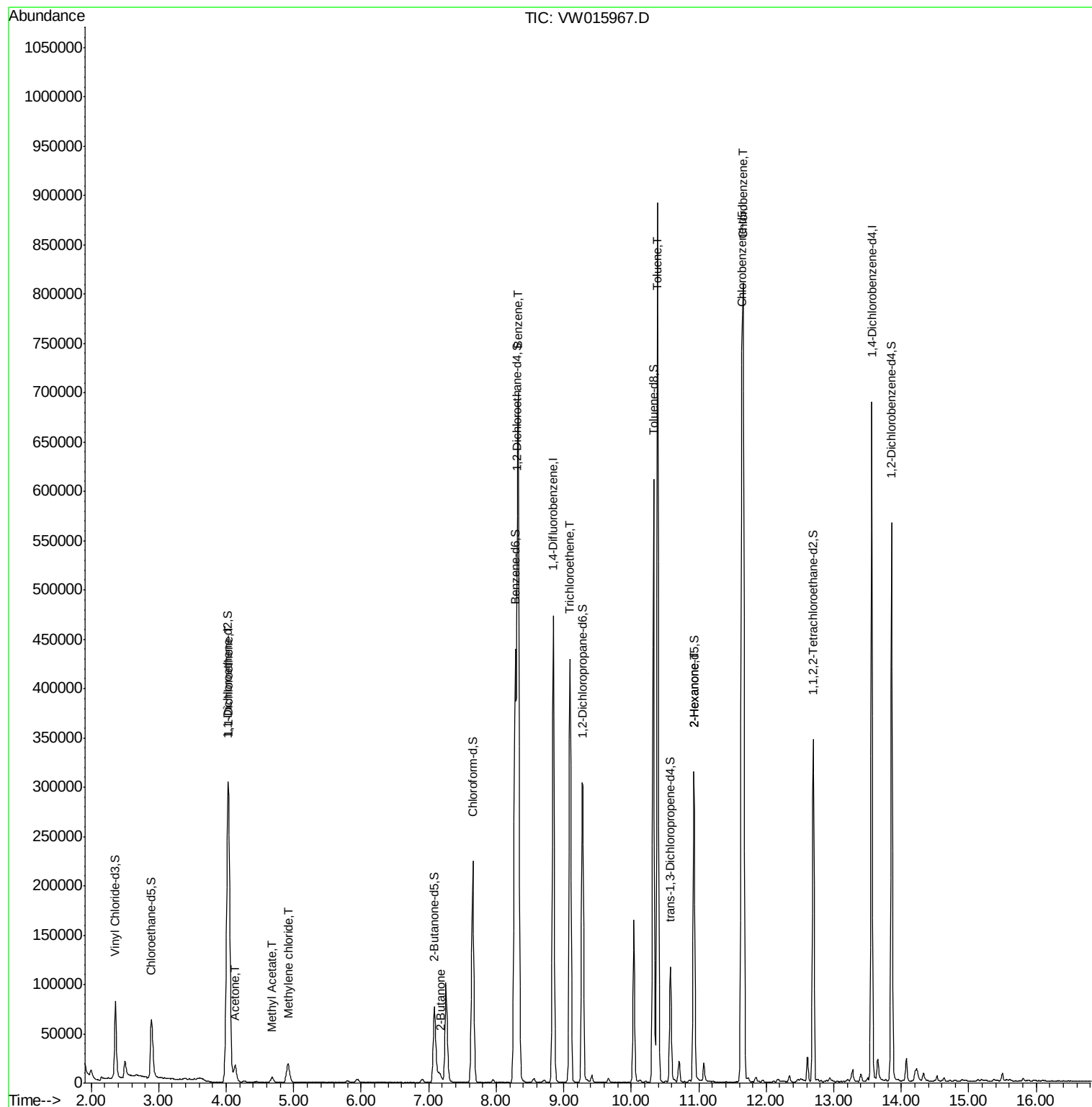
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	129150	25.123	ug/L	91
13) Acetone	4.14	43	28565	22.947	ug/L	97
15) Methyl Acetate	4.68	43	10553	4.496	ug/L	98
16) Methylene chloride	4.92	84	15708	2.397	ug/L	93
21) 2-Butanone	7.18	43	4349	2.825	ug/L	90
34) Benzene	8.32	78	605018	26.684	ug/L	100
35) Trichloroethene	9.09	95	152495	25.425	ug/L	97
44) Toluene	10.39	91	639341	26.885	ug/L	98
49) 2-Hexanone	10.93	43	13408	5.763	ug/L #	67
52) Chlorobenzene	11.66	112	398761	26.169	ug/L	97

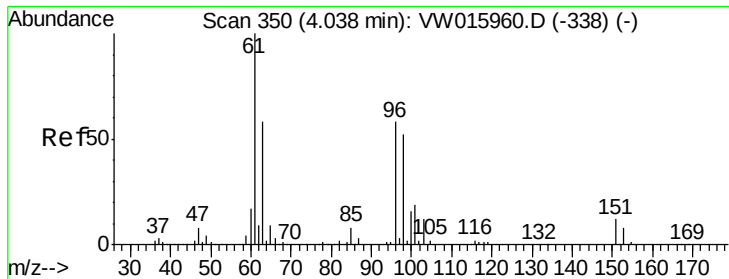
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072720\
Data File : VW015967.D
Acq On : 27 Jul 2020 14:23
Operator : SY/VA
Sample : L3458-09MS
Misc : 6.01G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY36MS

Quant Time: Jul 28 01:38:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 28 01:36:11 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 25.123 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW015967.D

Acq: 27 Jul 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

GAY36MS

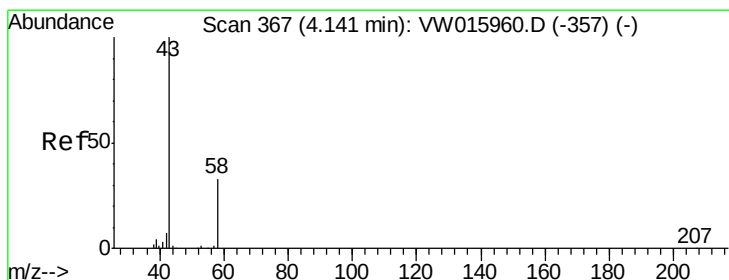
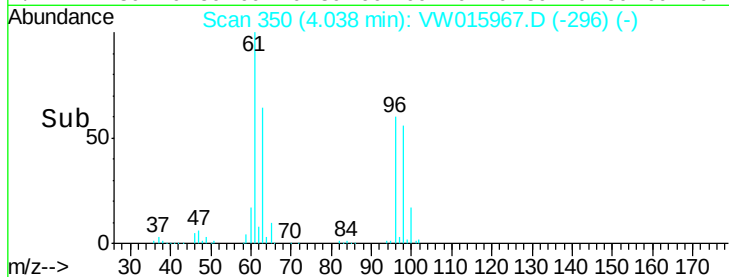
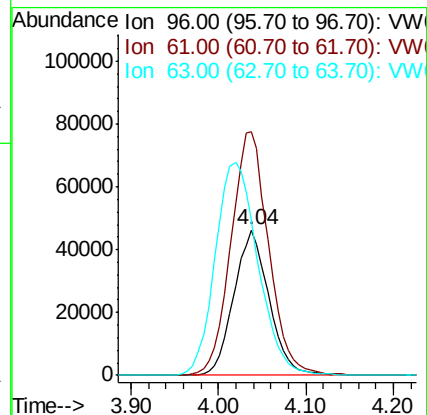
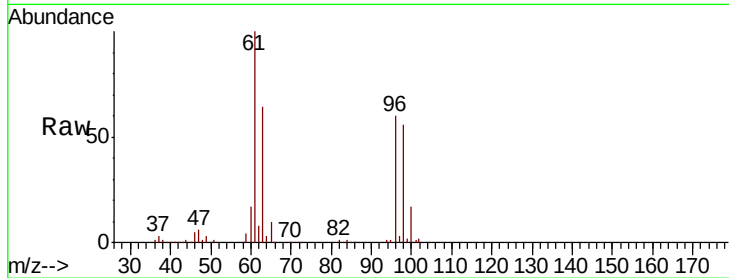
Tot Ion: 96 Resp: 129150

Ion Ratio Lower Upper

96 100

61 167.7 125.0 232.2

63 106.8 82.3 152.8



#13

Acetone

Concen: 22.947 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW015967.D

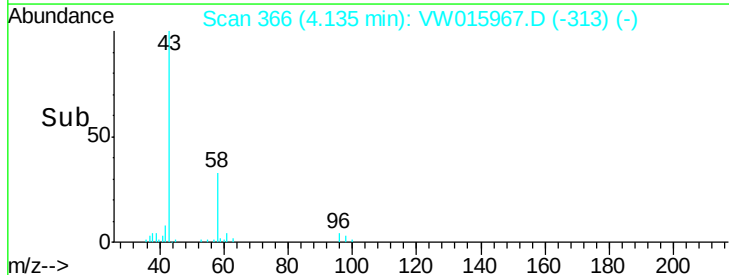
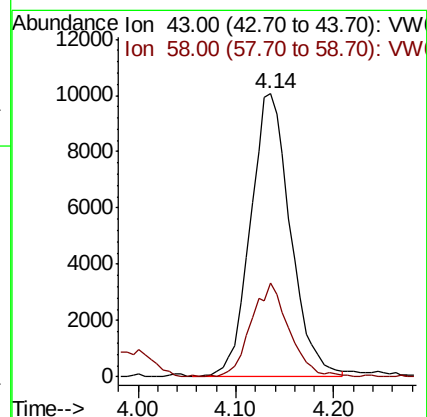
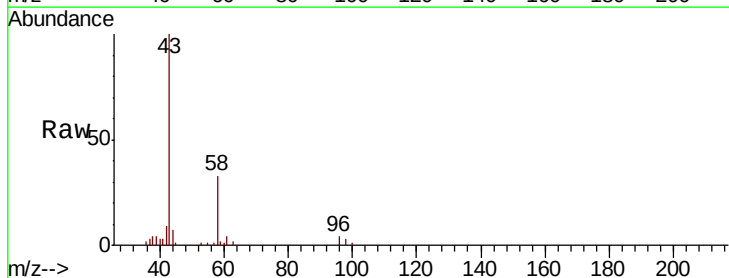
Acq: 27 Jul 2020 14:23

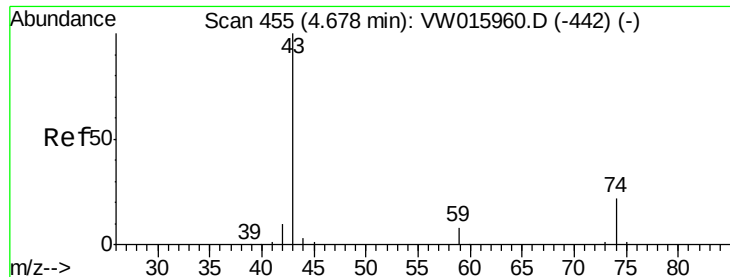
Tgt Ion: 43 Resp: 28565

Ion Ratio Lower Upper

43 100

58 30.9 0.0 58.2

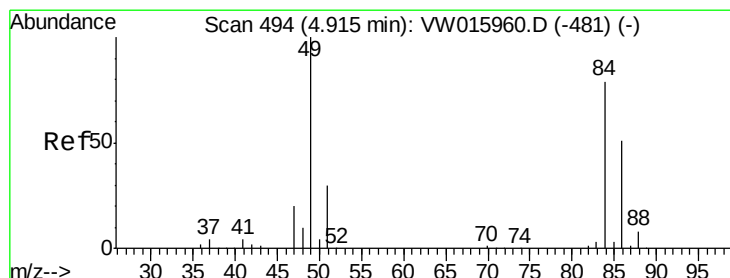
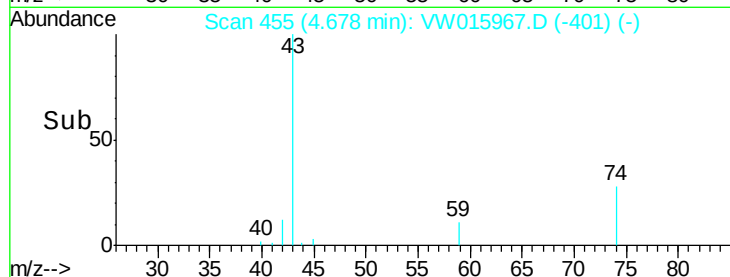
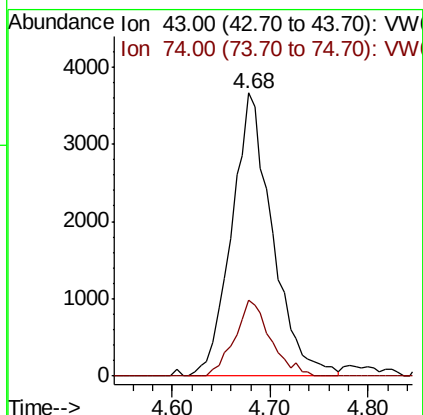
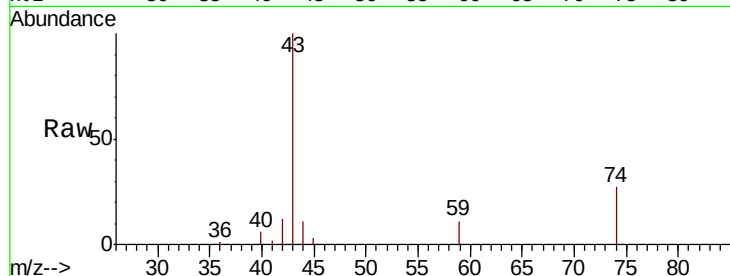




#15
Methyl Acetate
Concen: 4.496 ug/L
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015967.D
Acq: 27 Jul 2020 14:23

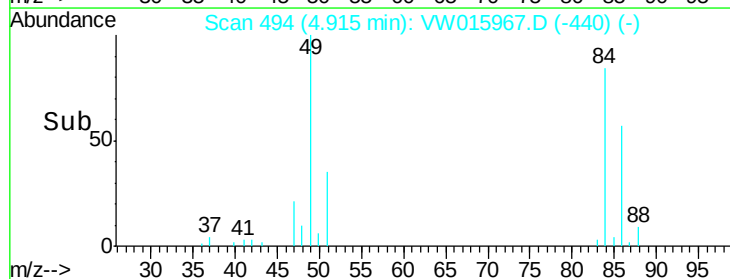
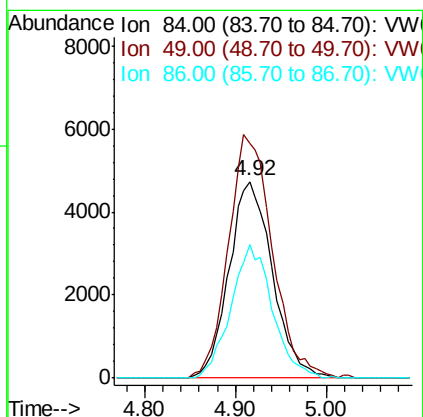
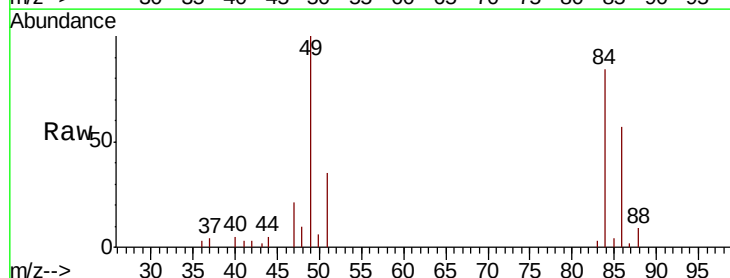
Instrument :
MSVOA_W
ClientSampled :
GAY36MS

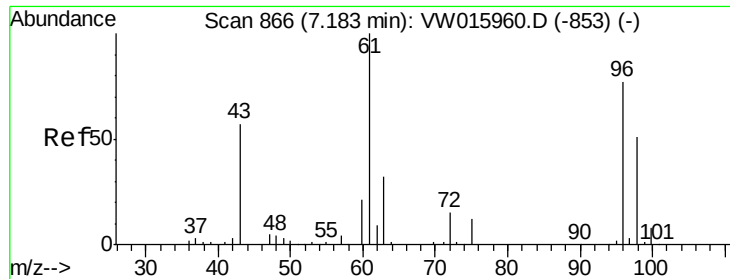
Tot Ion: 43 Resp: 10553
Ion Ratio Lower Upper
43 100
74 23.6 18.2 27.2



#16
Methylene chloride
Concen: 2.397 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015967.D
Acq: 27 Jul 2020 14:23

Tgt Ion: 84 Resp: 15708
Ion Ratio Lower Upper
84 100
49 119.4 91.1 169.1
86 67.8 46.0 85.4

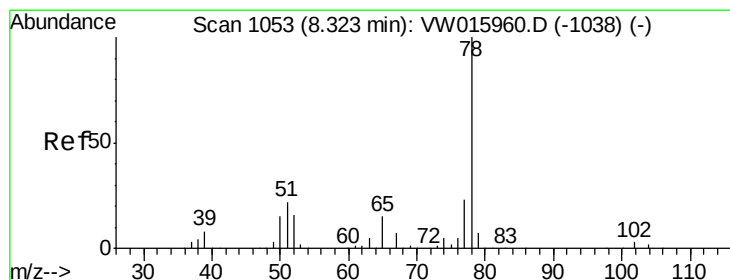
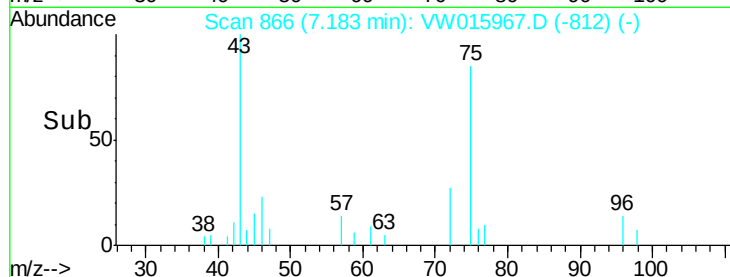
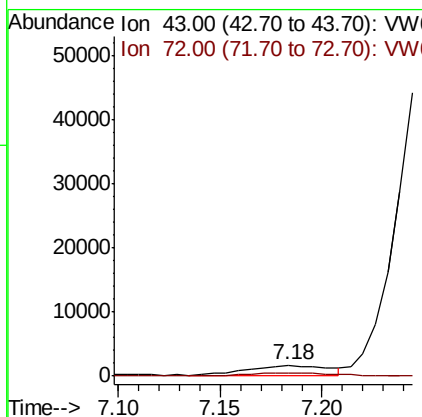
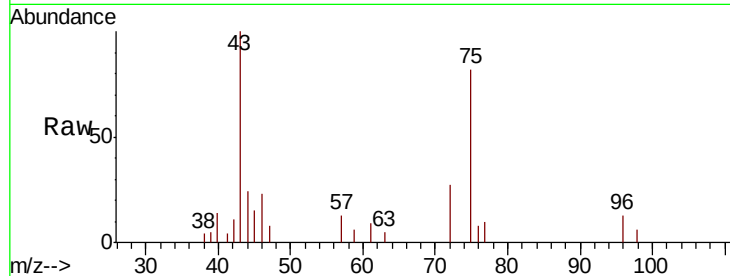




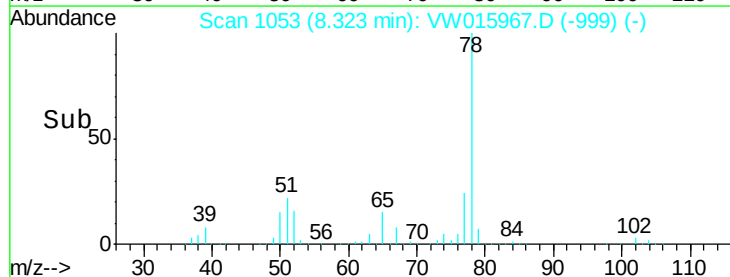
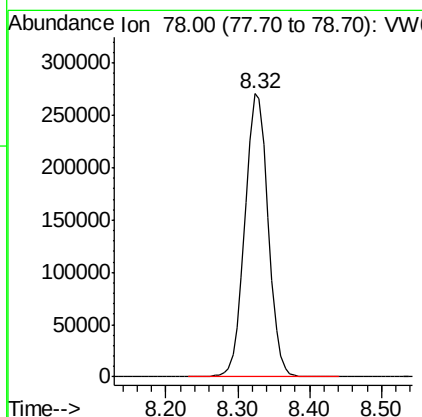
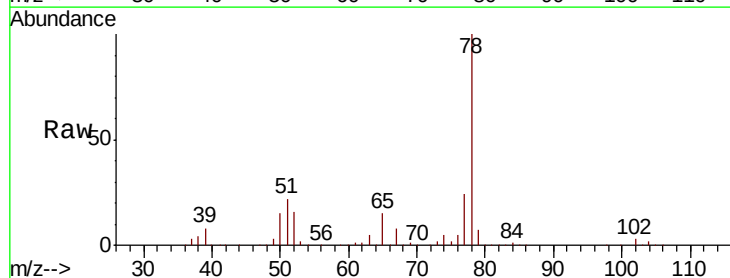
#21
 2-Butanone
 Concen: 2.825 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: VW015967.D
 Acq: 27 Jul 2020 14:23

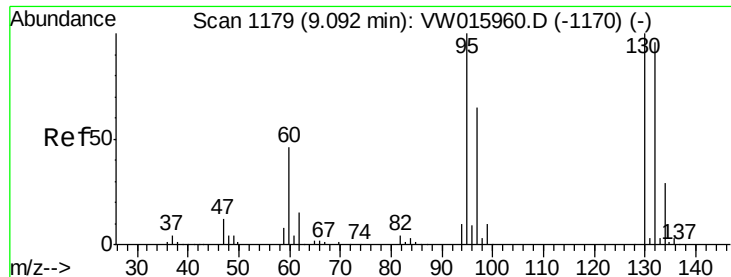
Instrument :
 MSVOA_W
 ClientSampleId :
 GAY36MS

Tot Ion: 43 Resp: 4349
 Ion Ratio Lower Upper
 43 100
 72 33.1 13.9 41.7



#34
 Benzene
 Concen: 26.684 ug/L
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VW015967.D
 Acq: 27 Jul 2020 14:23
 Tgt Ion: 78 Resp: 605018





#35

Trichloroethene

Concen: 25.425 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015967.D

Acq: 27 Jul 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

GAY36MS

Tot Ion: 95 Resp: 152495

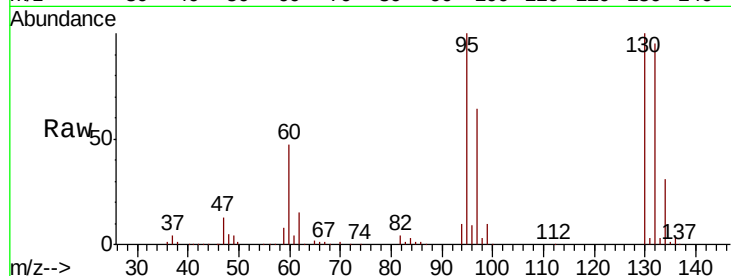
Ion Ratio Lower Upper

95 100

97 64.8 44.4 82.4

132 97.9 65.1 120.9

130 100.7 68.6 127.4

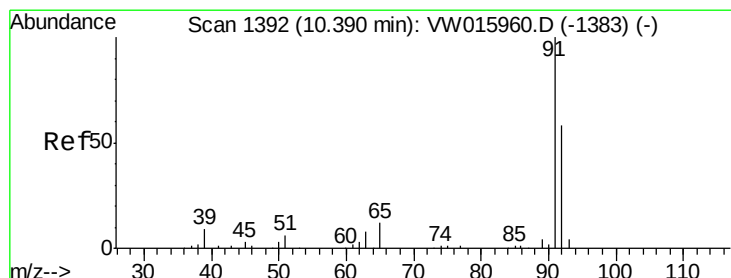
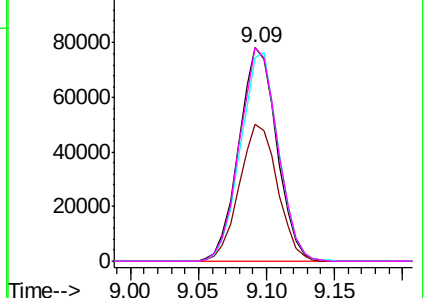
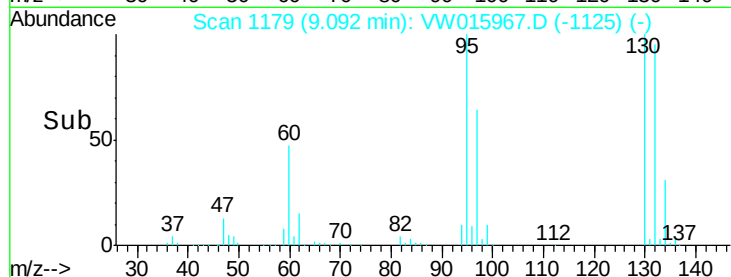


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

Toluene

Concen: 26.885 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015967.D

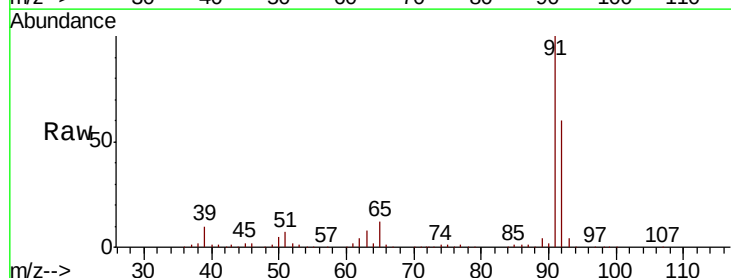
Acq: 27 Jul 2020 14:23

Tgt Ion: 91 Resp: 639341

Ion Ratio Lower Upper

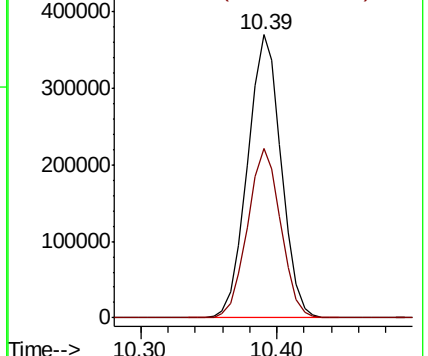
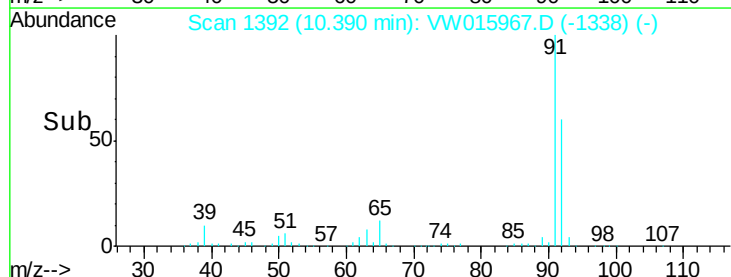
91 100

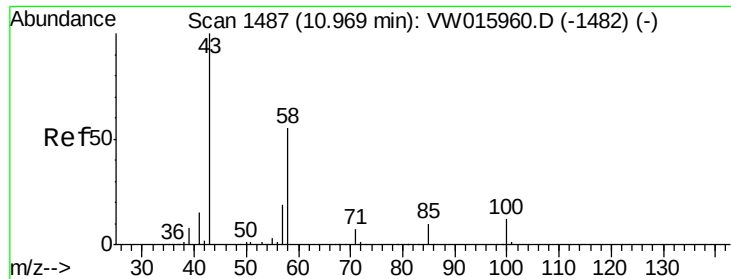
92 60.0 41.2 76.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

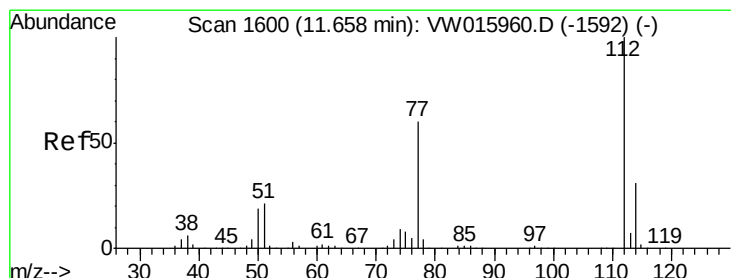
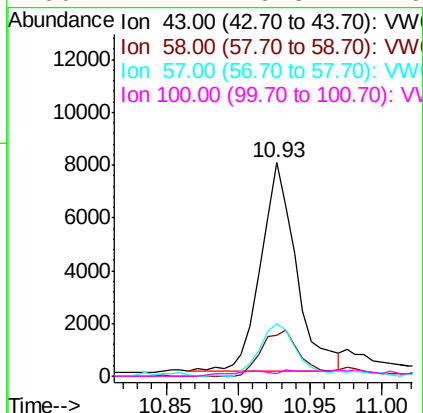
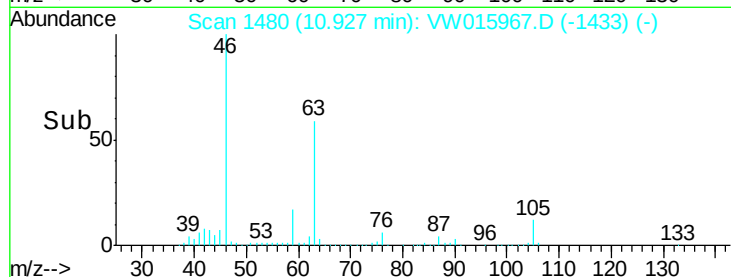
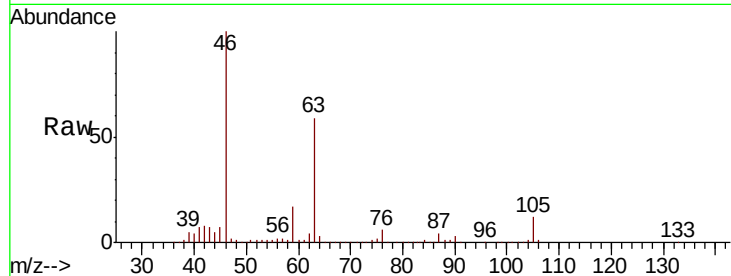




#49
2-Hexanone
Concen: 5.763 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW015967.D
Acq: 27 Jul 2020 14:23

Instrument :
MSVOA_W
ClientSampleId :
GAY36MS

Tot Ion: 43 Resp: 13408
Ion Ratio Lower Upper
43 100
58 24.3 42.4 63.6#
57 26.0 15.6 23.4#
100 1.2 9.8 14.6#



#52
Chlorobenzene
Concen: 26.169 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015967.D
Acq: 27 Jul 2020 14:23

Tgt Ion: 112 Resp: 398761
Ion Ratio Lower Upper
112 100
77 62.0 47.8 71.6
114 32.7 22.1 41.1

