

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015630.D
 Acq On : 18 Jun 2020 13:02
 Operator : SY/VA
 Sample : L3027-10
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L3

Quant Time: Jun 19 07:32:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 07:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	380554	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340908	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164350	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115227	33.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.16%
7) Chloroethane-d5	2.90	69	96134	27.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.88%
10) 1,1-Dichloroethene-d2	4.01	63	171458	20.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.72%
20) 2-Butanone-d5	7.08	46	52777	46.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.70%
24) Chloroform-d	7.65	84	220140	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	123325	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.76%
29) Benzene-d6	8.27	84	441117	26.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.52%
33) 1,2-Dichloropropane-d6	9.27	67	127594	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.44%
37) Toluene-d8	10.32	98	397056	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	10.58	79	51811	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.16%
39) 2-Hexanone-d5	10.93	63	40398	45.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92812	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	138244	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

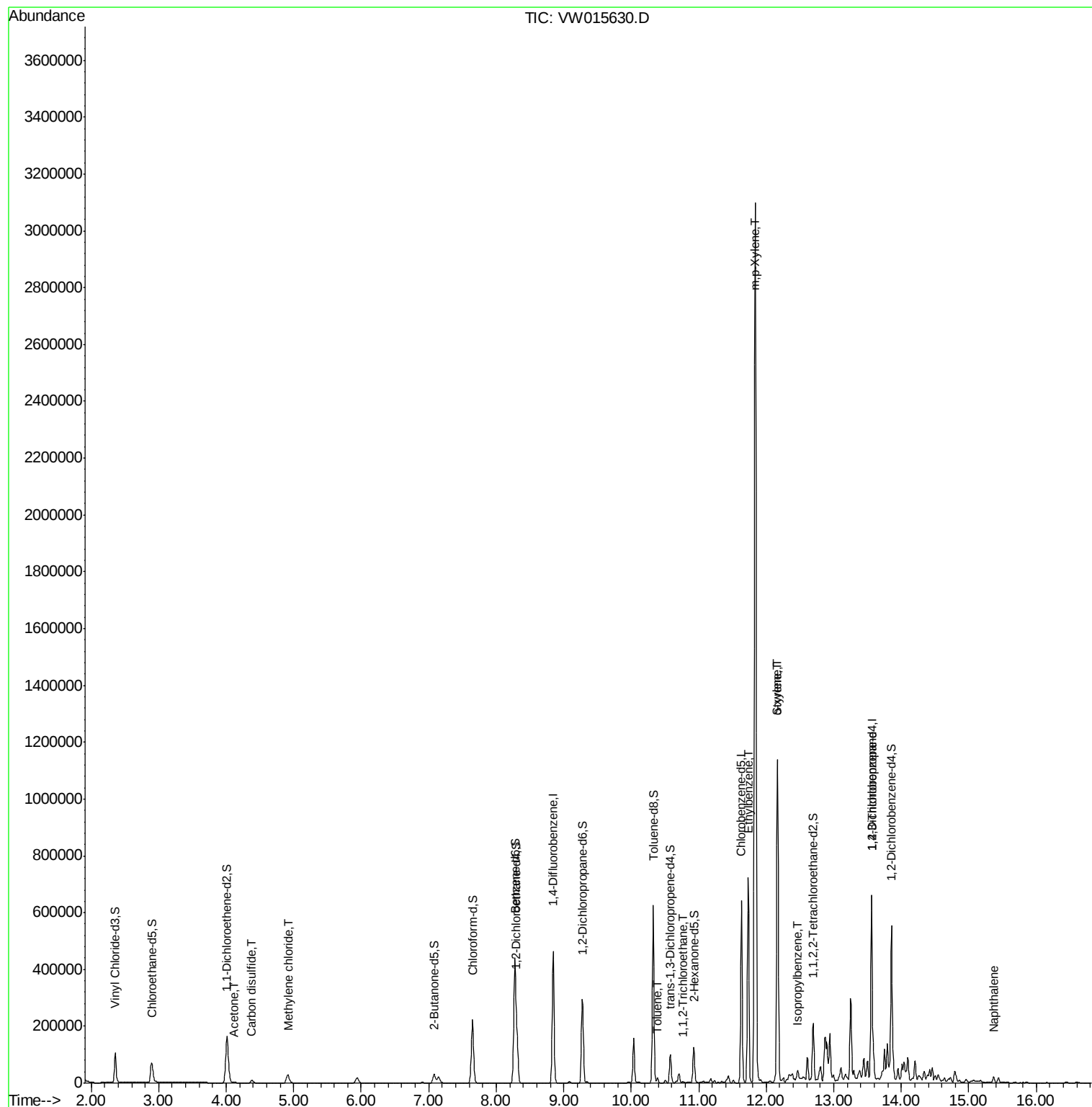
					Ovalue
13) Acetone	4.12	43	6651	7.556	ug/L 98
14) Carbon disulfide	4.38	76	16116	1.065	ug/L 99
16) Methylene chloride	4.92	84	21365	4.574	ug/L 98
44) Toluene	10.39	91	12436	0.599	ug/L 97
46) 1,1,2-Trichloroethane	10.76	97	1669	0.508	ug/L # 20
53) Ethylbenzene	11.73	91	480315	20.139	ug/L 99
54) m,p-Xylene	11.84	106	932958	104.247	ug/L 97
55) o-xylene	12.16	106	296986	34.960	ug/L 94
56) Styrene	12.17	104	15762	1.086	ug/L # 1
57) Isopropylbenzene	12.46	105	22459	0.949	ug/L 99
59) 1,2,3-Trichloropropane	13.56	75	20871	7.239	ug/L 89
69) Naphthalene	15.36	128	16451	1.616	ug/L 99

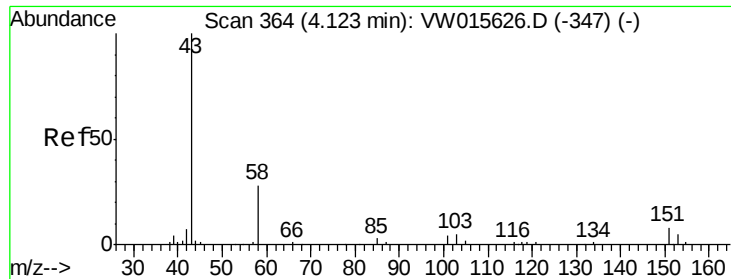
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061820\
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BG2L3

Quant Time: Jun 19 07:32:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 19 07:30:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.556 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015630.D

Acq: 18 Jun 2020 13:02

Instrument :

MSVOA_W

ClientSampled :

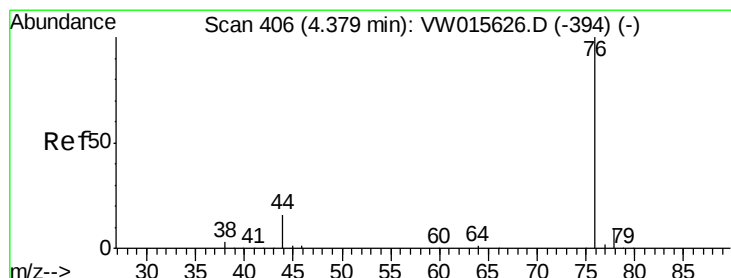
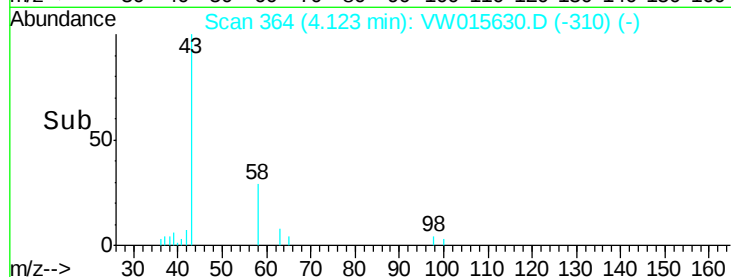
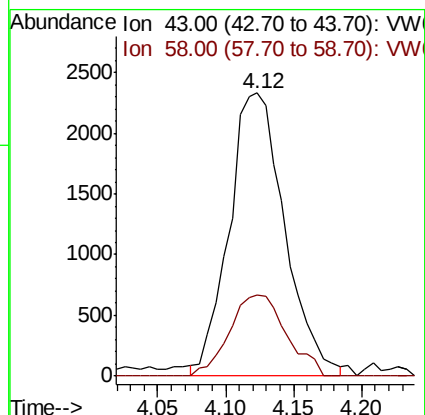
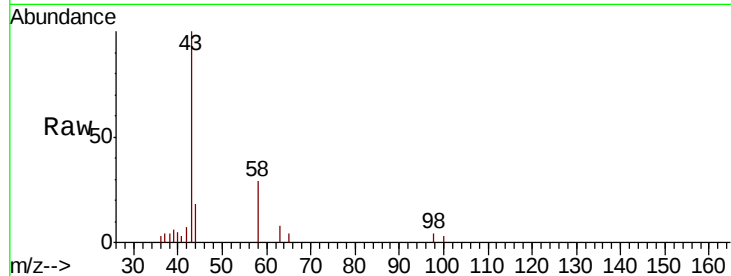
BG2L3

Tot Ion: 43 Resp: 6651

Ion Ratio Lower Upper

43 100

58 29.4 0.0 56.8



#14

Carbon disulfide

Concen: 1.065 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015630.D

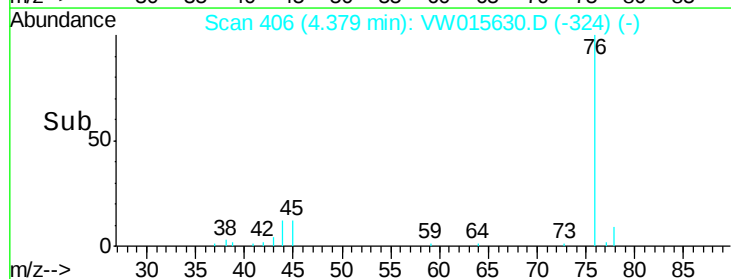
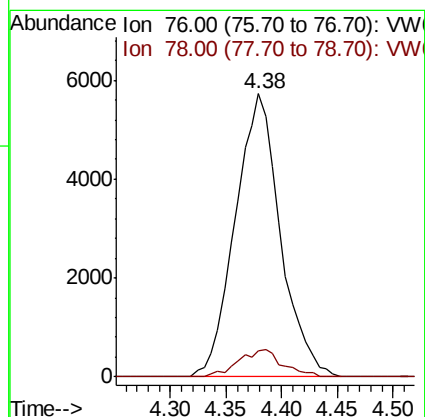
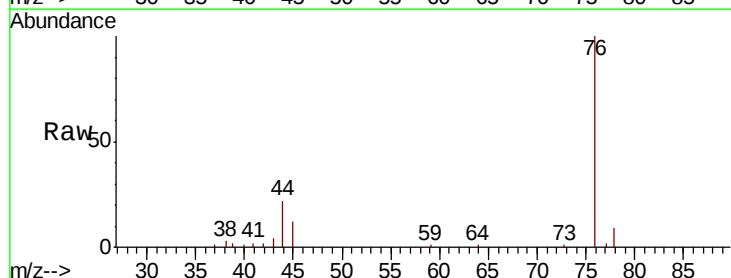
Acq: 18 Jun 2020 13:02

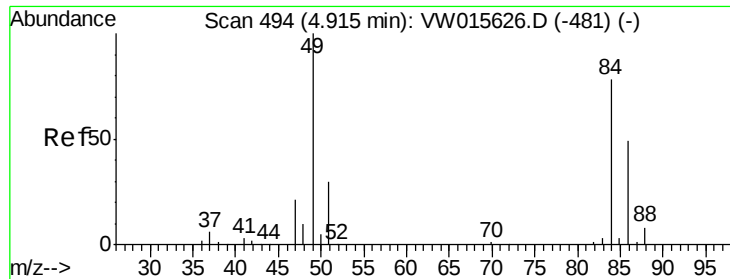
Tgt Ion: 76 Resp: 16116

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

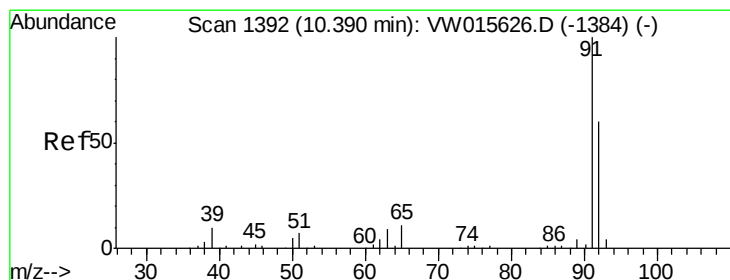
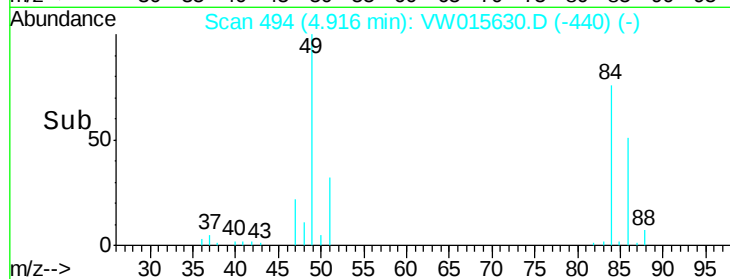
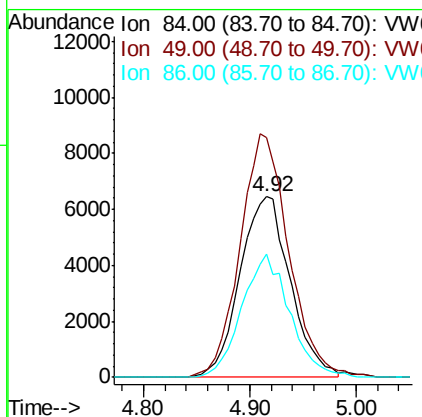
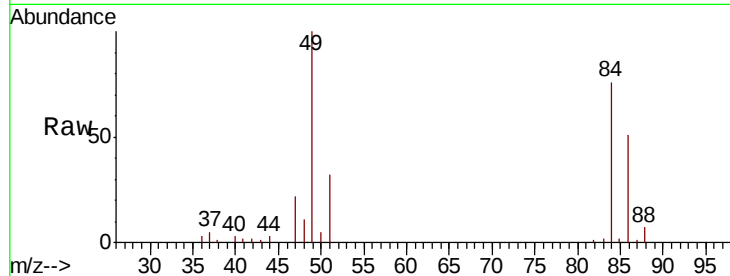




#16
Methylene chloride
Concen: 4.574 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015630.D
Acq: 18 Jun 2020 13:02

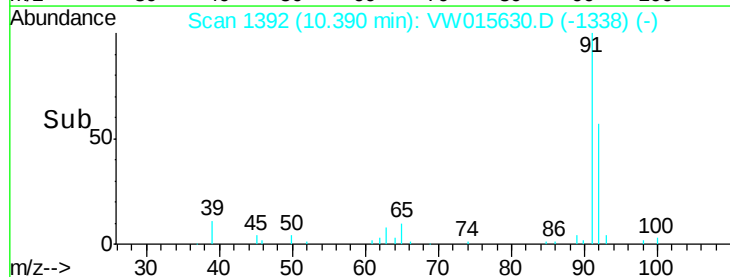
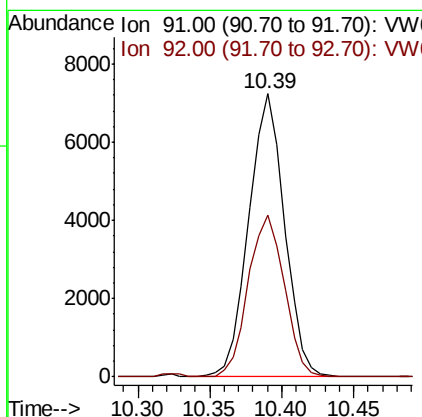
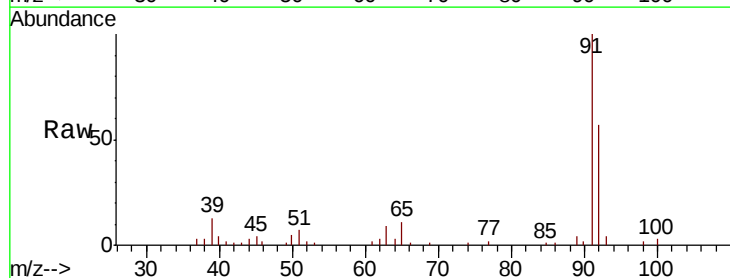
Instrument :
MSVOA_W
ClientSampleId :
BG2L3

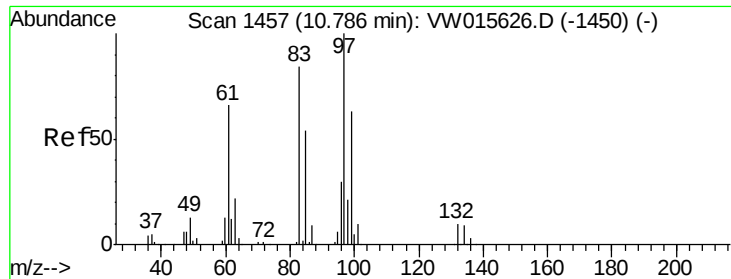
Tot Ion: 84 Resp: 21365
Ion Ratio Lower Upper
84 100
49 132.3 93.0 172.8
86 68.0 44.7 83.1



#44
Toluene
Concen: 0.599 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015630.D
Acq: 18 Jun 2020 13:02

Tgt Ion: 91 Resp: 12436
Ion Ratio Lower Upper
91 100
92 57.1 41.7 77.5

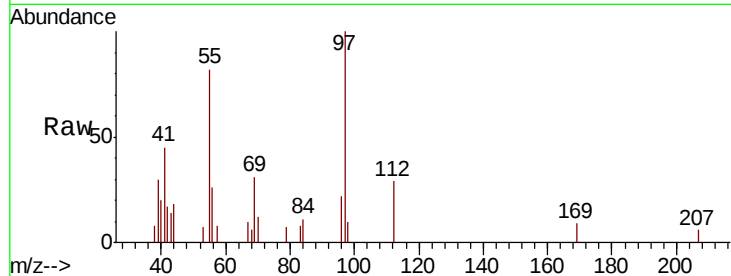




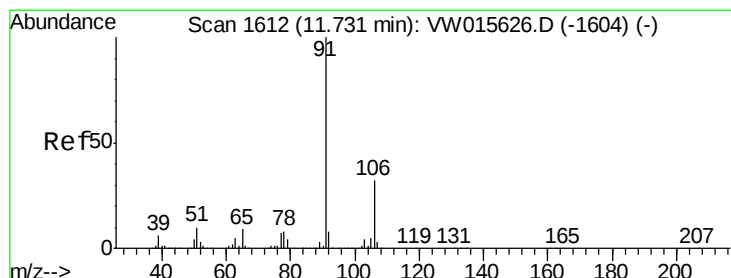
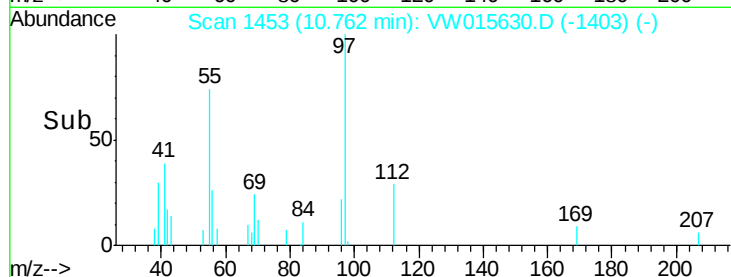
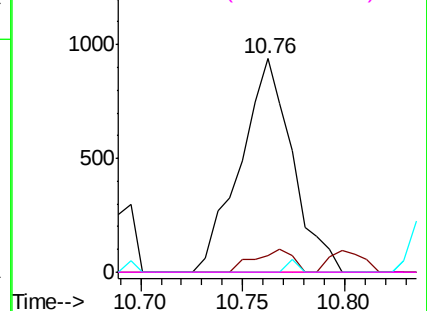
#46
 1,1,2-Trichloroethane
 Concen: 0.508 ug/L
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW015630.D
 Acq: 18 Jun 2020 13:02

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L3

Tot Ion: 97 Resp: 1669
 Ion Ratio Lower Upper
 97 100
 83 8.1 58.2 108.2#
 85 0.0 37.4 69.4#
 99 0.0 43.7 81.1#

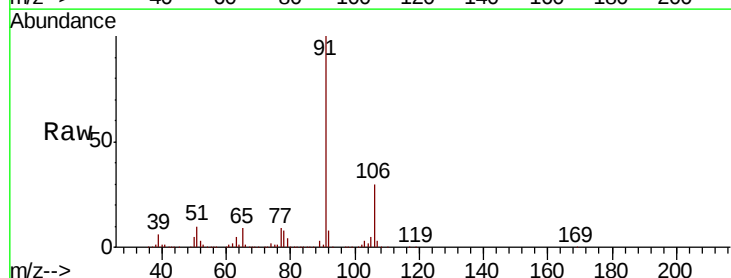


Abundance Ion 97.00 (96.70 to 97.70): VW
 Ion 83.00 (82.70 to 83.70): VW
 Ion 85.00 (84.70 to 85.70): VW
 Ion 99.00 (98.70 to 99.70): VW

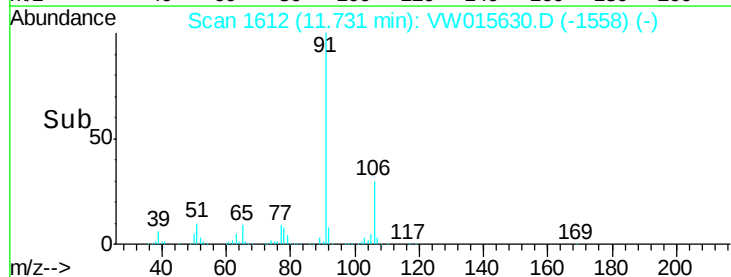
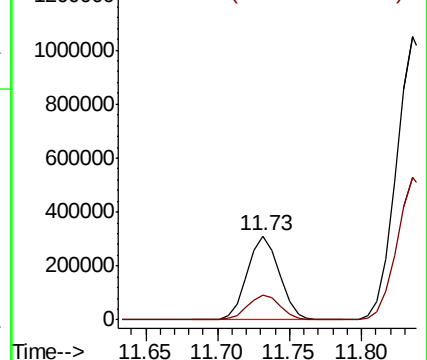


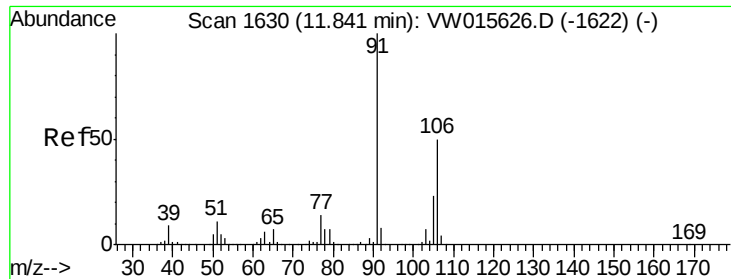
#53
 Ethylbenzene
 Concen: 20.139 ug/L
 RT: 11.73 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: VW015630.D
 Acq: 18 Jun 2020 13:02

Tgt Ion: 91 Resp: 480315
 Ion Ratio Lower Upper
 91 100
 106 29.9 21.3 39.6



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 104.247 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015630.D

Acq: 18 Jun 2020 13:02

Instrument :

MSVOA_W

ClientSampled :

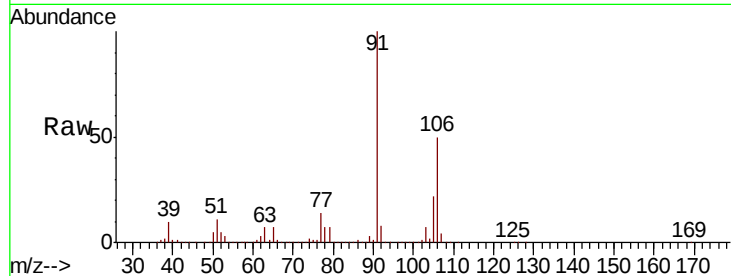
BG2L3

Tot Ion:106 Resp: 932958

Ion Ratio Lower Upper

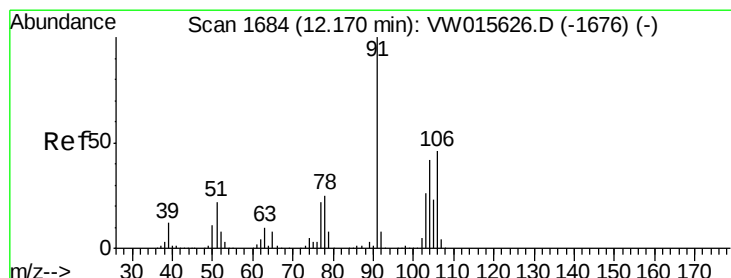
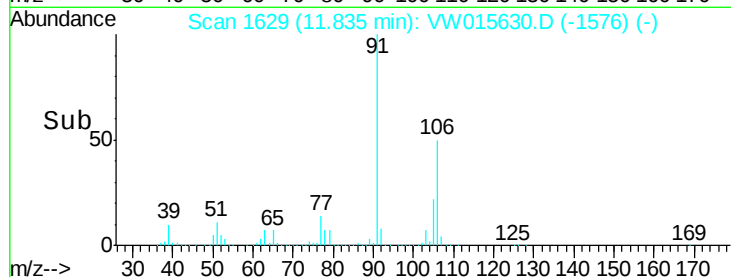
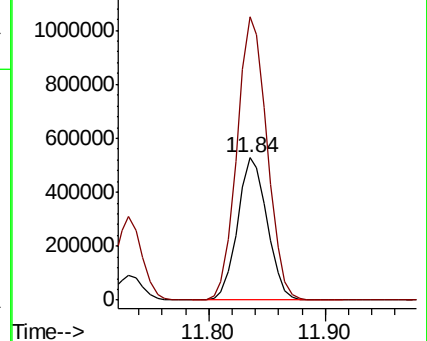
106 100

91 199.3 142.6 264.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 34.960 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW015630.D

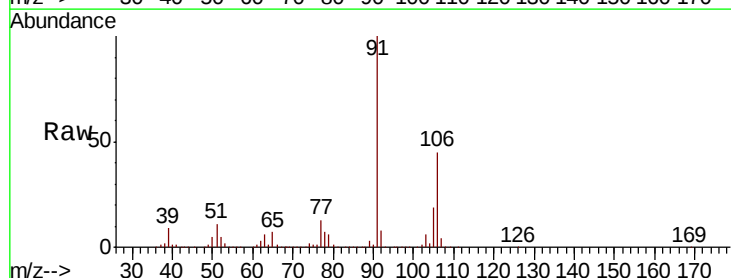
Acq: 18 Jun 2020 13:02

Tgt Ion:106 Resp: 296986

Ion Ratio Lower Upper

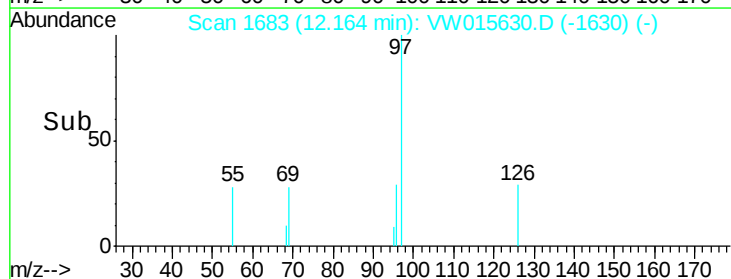
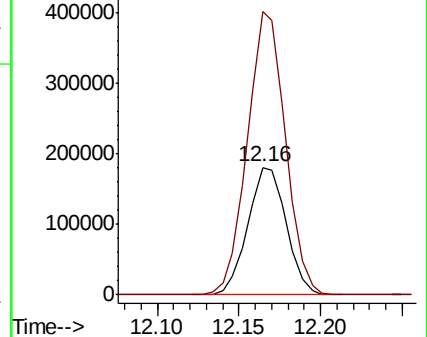
106 100

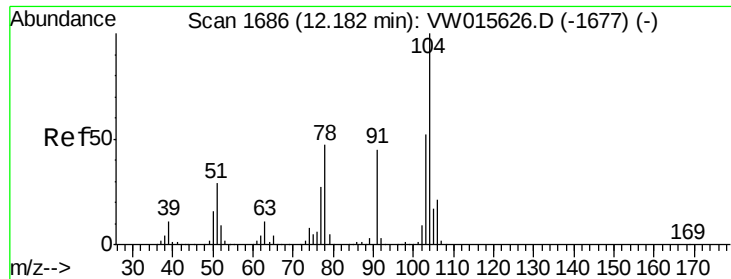
91 222.0 149.0 276.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Stvrene

Concen: 1.086 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VW015630.D

Acq: 18 Jun 2020 13:02

Instrument :

MSVOA_W

ClientSampleId :

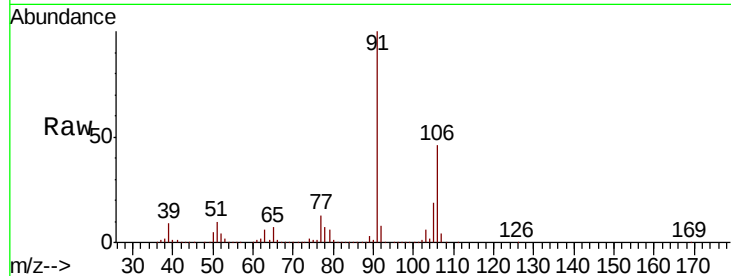
BG2L3

Tot Ion:104 Resp: 15762

Ion Ratio Lower Upper

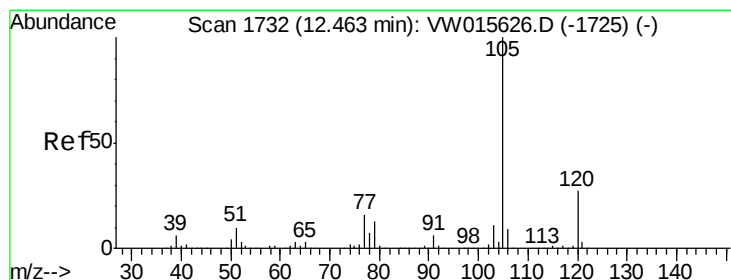
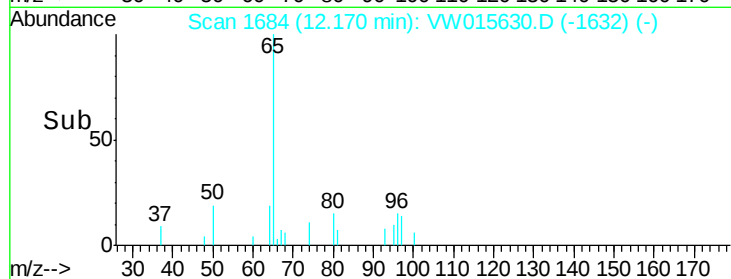
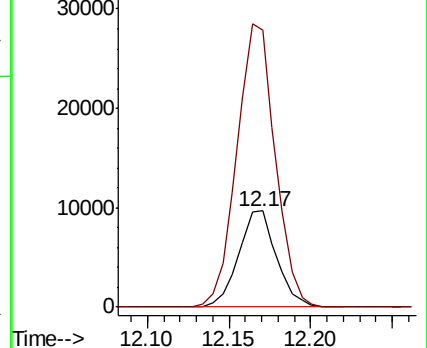
104 100

78 288.6 32.9 61.1#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV



#57

Isopropylbenzene

Concen: 0.949 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015630.D

Acq: 18 Jun 2020 13:02

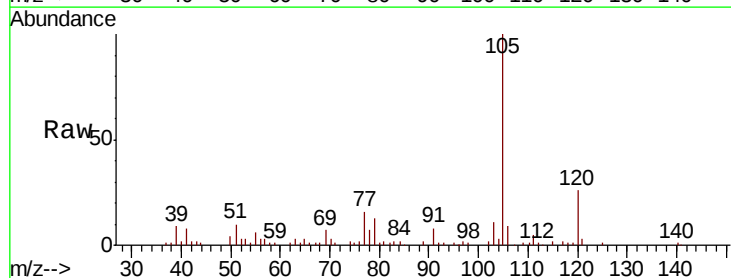
Tgt Ion:105 Resp: 22459

Ion Ratio Lower Upper

105 100

120 25.4 21.0 31.4

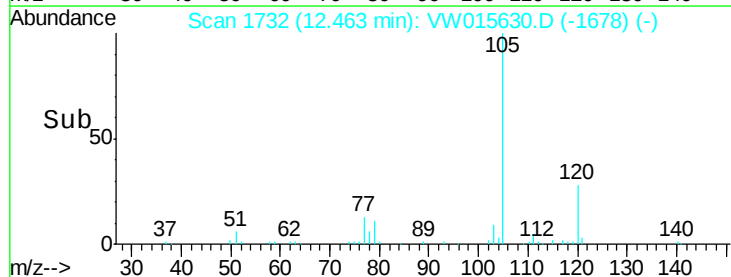
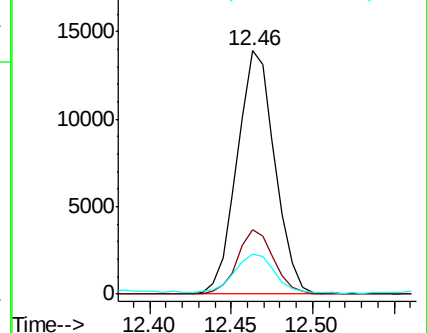
77 16.6 13.0 19.6

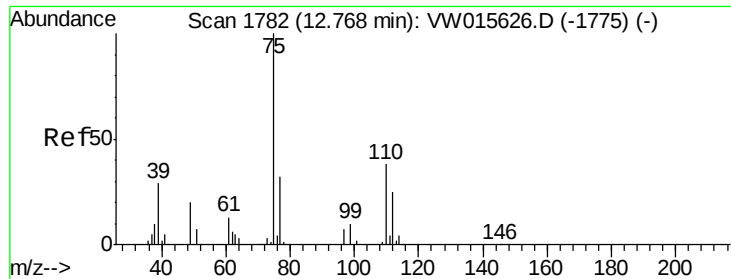


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV

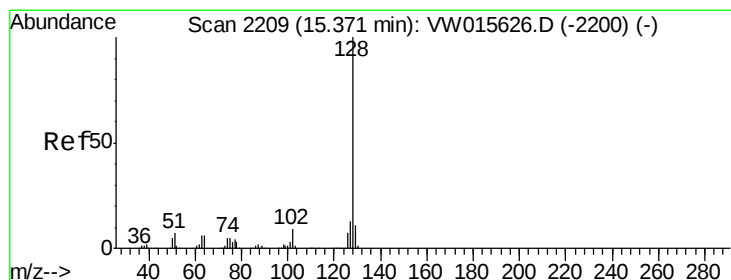
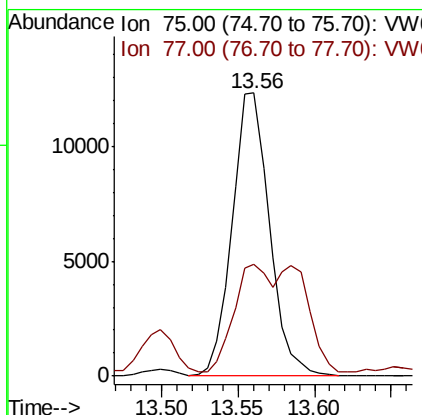
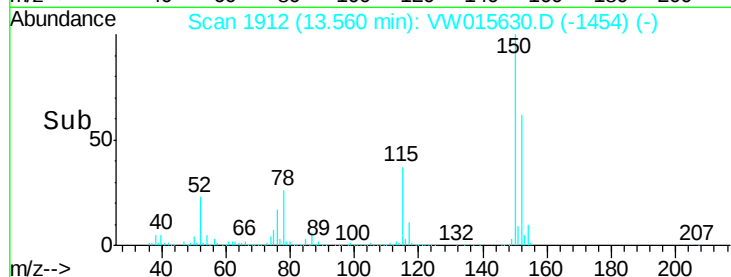
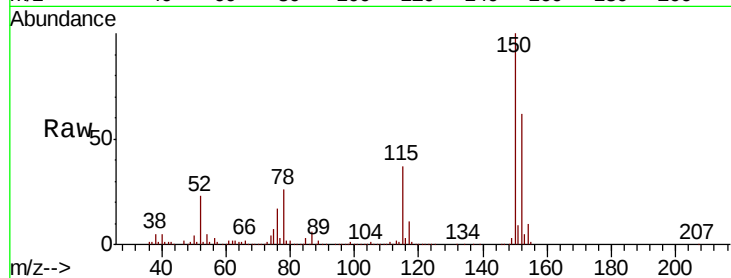




#59
 1,2,3-Trichloropropane
 Concen: 7.239 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW015630.D
 Acq: 18 Jun 2020 13:02

Instrument :
 MSVOA_W
 ClientSampled :
 BG2L3

Tot Ion: 75 Resp: 20871
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.9 38.9



#69
 Naphthalene
 Concen: 1.616 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: VW015630.D
 Acq: 18 Jun 2020 13:02

Tgt Ion: 128 Resp: 16451
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 13.0 10.6 15.8

