

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017269.D
 Acq On : 16 Nov 2020 20:01
 Operator : SY/VA
 Sample : L4727-09RE
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC3RE

Quant Time: Nov 17 08:48:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	378794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	226881	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44831	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87658	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
7) Chloroethane-d5	2.89	69	80124	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
10) 1,1-Dichloroethene-d2	4.02	63	137620	16.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.52%
20) 2-Butanone-d5	7.09	46	38172	35.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.56%
24) Chloroform-d	7.65	84	202257	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.31	65	99225	22.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.28%
29) Benzene-d6	8.27	84	390922	33.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.36%#
33) 1,2-Dichloropropane-d6	9.28	67	104795	32.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.16%#
37) Toluene-d8	10.32	98	313075	28.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.96%
38) trans-1,3-Dichloropropene-	10.58	79	35673	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.93	63	30698	55.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.08%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	52308	18.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	38288	24.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.96%

Target Compounds

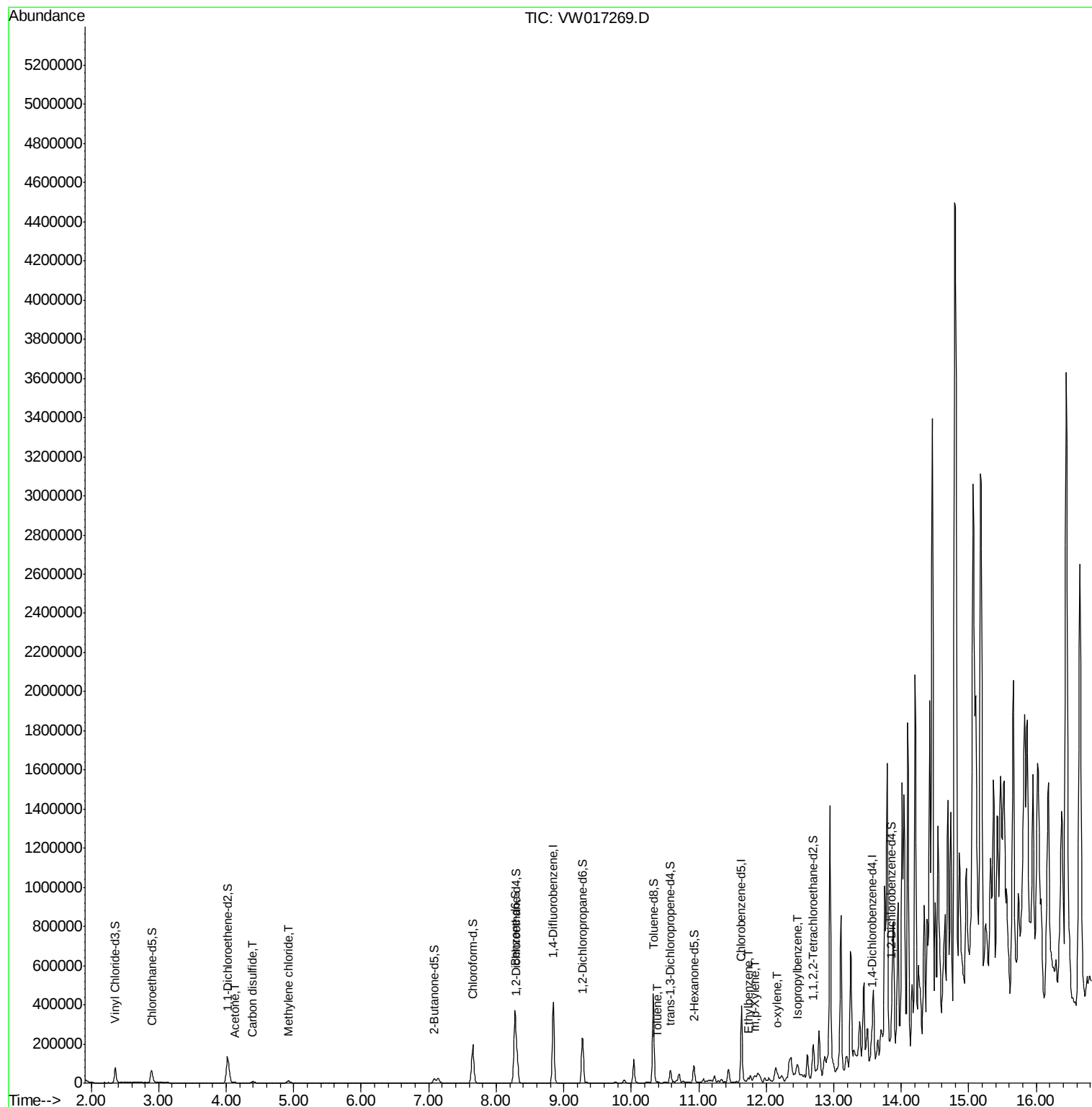
					Ovalue
13) Acetone	4.13	43	4231	5.922 ug/L	90
14) Carbon disulfide	4.39	76	3665	0.286 ug/L	98
16) Methylene chloride	4.92	84	10108	1.979 ug/L	99
44) Toluene	10.39	91	4914	0.375 ug/L	86
53) Ethylbenzene	11.73	91	8155	0.557 ug/L	94
54) m,p-Xylene	11.83	106	6852	1.196 ug/L	99
55) o-xylene	12.16	106	7284	1.339 ug/L	80
57) Isopropylbenzene	12.46	105	24070	1.631 ug/L #	97

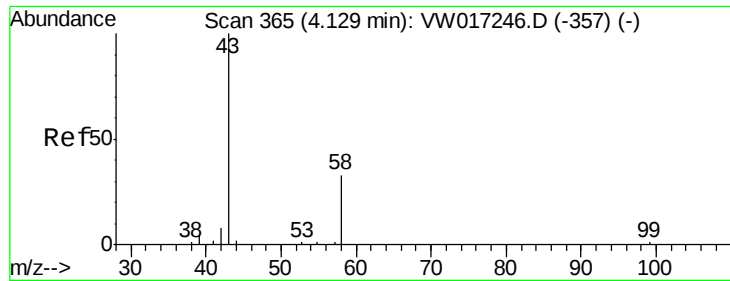
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.922 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017269.D

Acq: 16 Nov 2020 20:01

Instrument :

MSVOA_W

ClientSampleId :

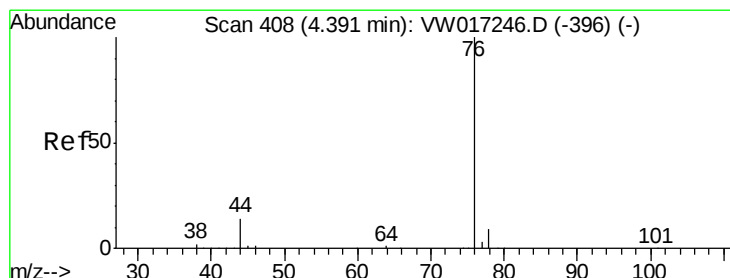
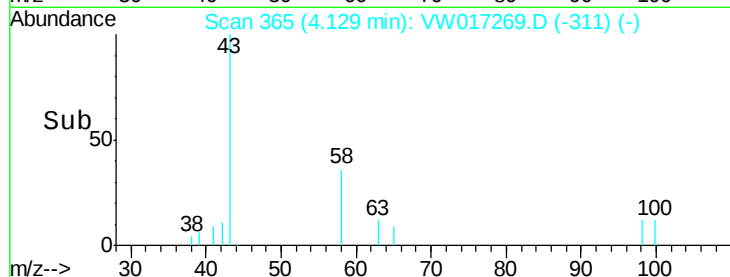
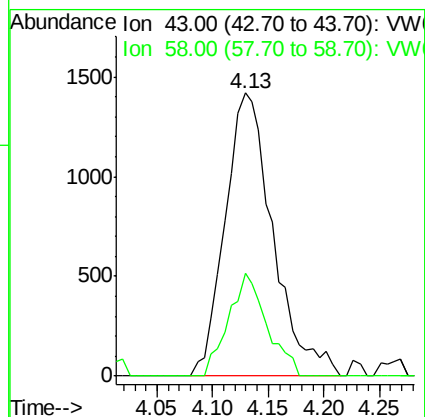
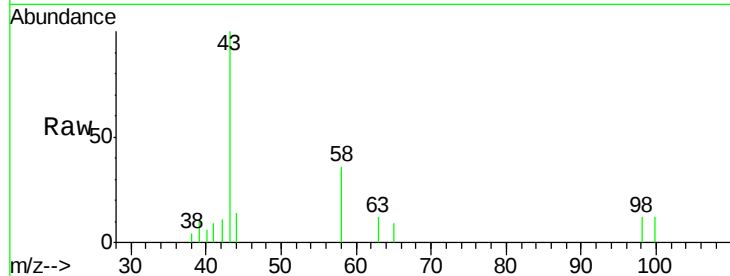
C0AC3RE

Tot Ion: 43 Resp: 4231

Ion Ratio Lower Upper

43 100

58 29.0 0.0 69.2



#14

Carbon disulfide

Concen: 0.286 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017269.D

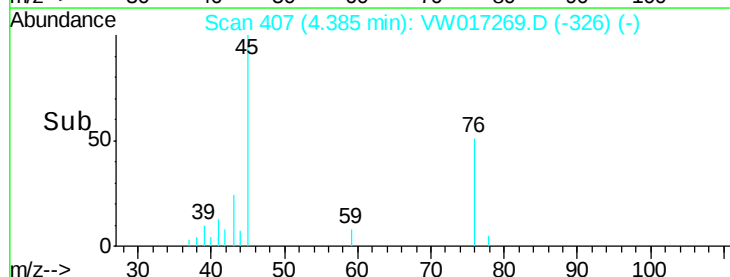
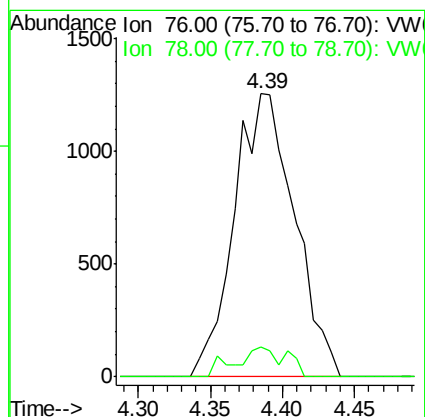
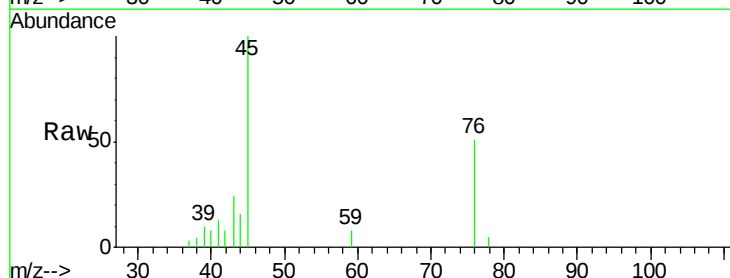
Acq: 16 Nov 2020 20:01

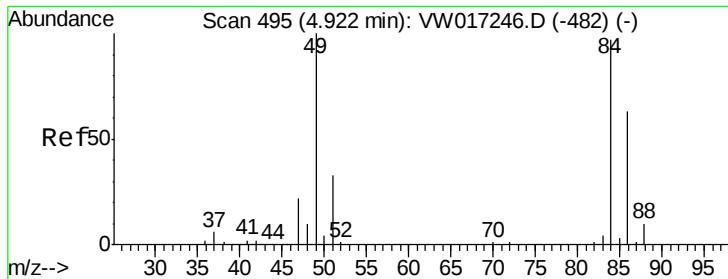
Tgt Ion: 76 Resp: 3665

Ion Ratio Lower Upper

76 100

78 10.4 7.6 11.4

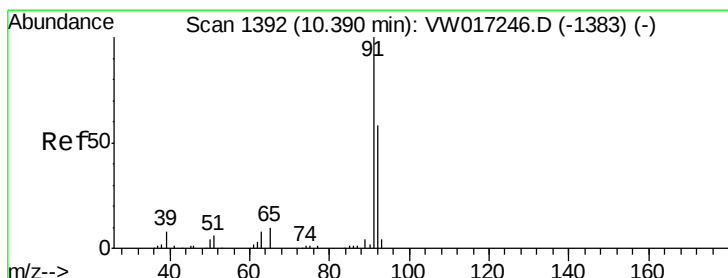
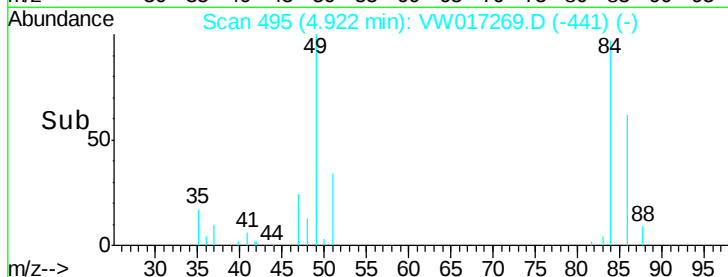
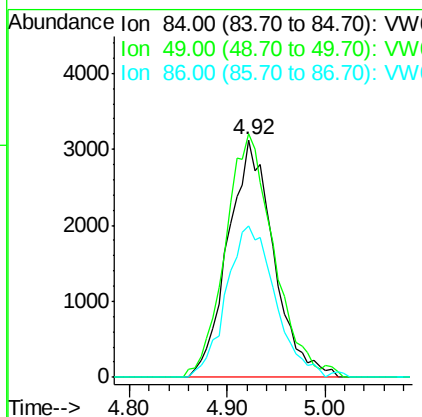
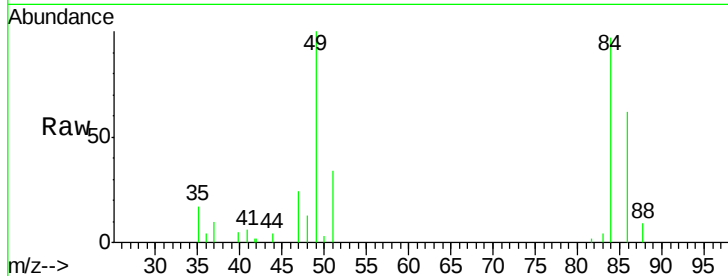




#16
Methvlene chloride
Concen: 1.979 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017269.D
Acq: 16 Nov 2020 20:01

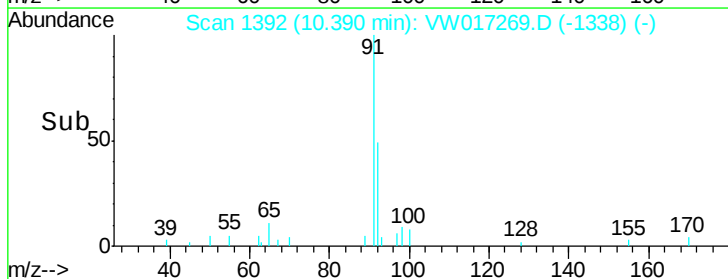
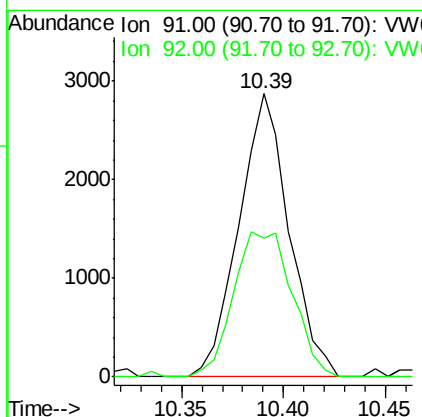
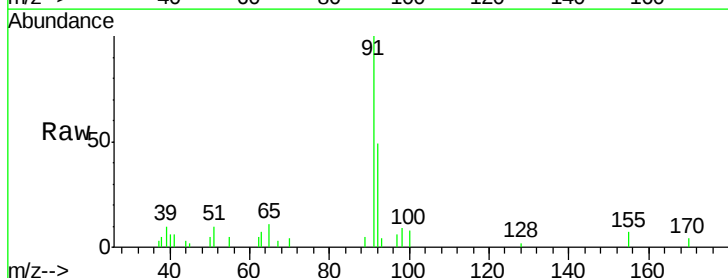
Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

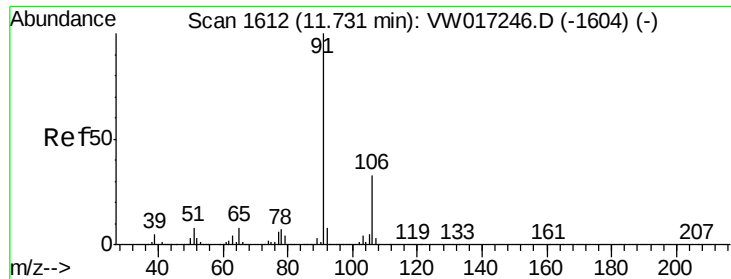
Tot Ion: 84 Resp: 10108
Ion Ratio Lower Upper
84 100
49 102.6 72.3 134.3
86 63.8 45.1 83.7



#44
Toluene
Concen: 0.375 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017269.D
Acq: 16 Nov 2020 20:01

Tgt Ion: 91 Resp: 4914
Ion Ratio Lower Upper
91 100
92 48.9 41.4 76.8





#53

Ethylbenzene

Concen: 0.557 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW017269.D

Acq: 16 Nov 2020 20:01

Instrument :

MSVOA_W

ClientSampleId :

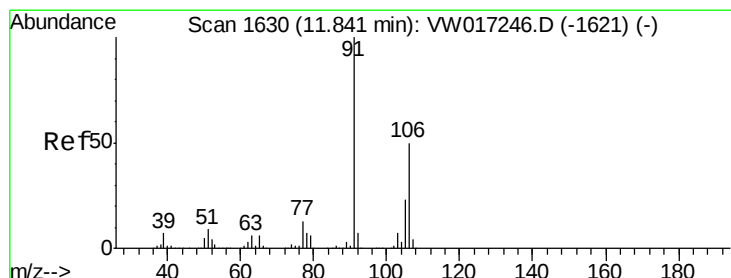
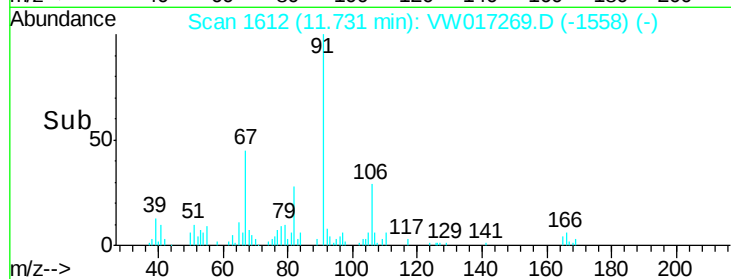
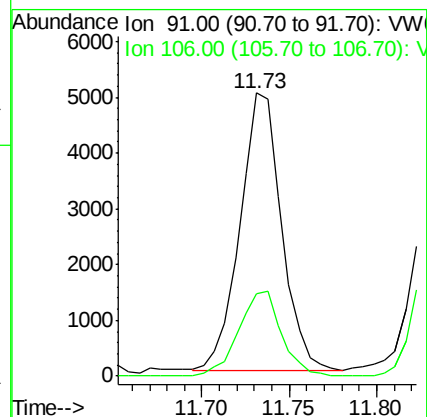
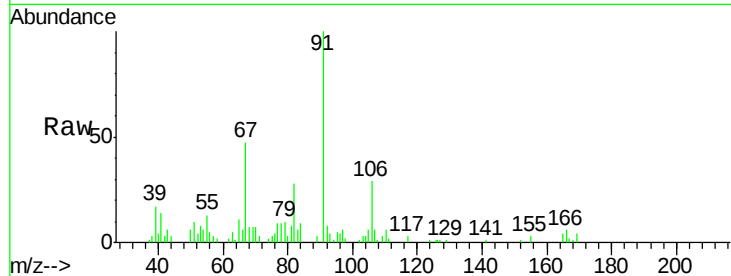
C0AC3RE

Tot Ion: 91 Resp: 8155

Ion Ratio Lower Upper

91 100

106 29.3 22.9 42.5



#54

m,p-Xylene

Concen: 1.196 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW017269.D

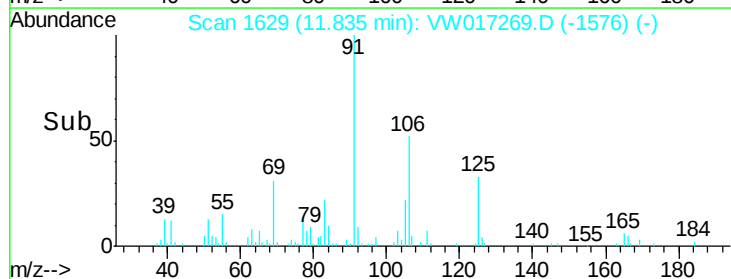
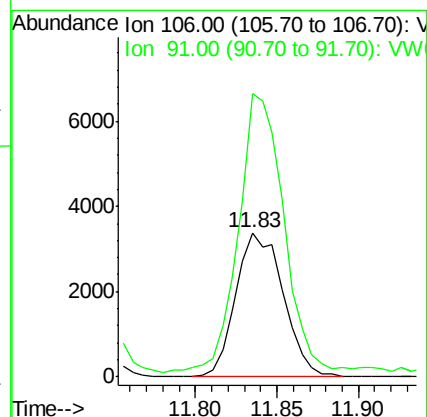
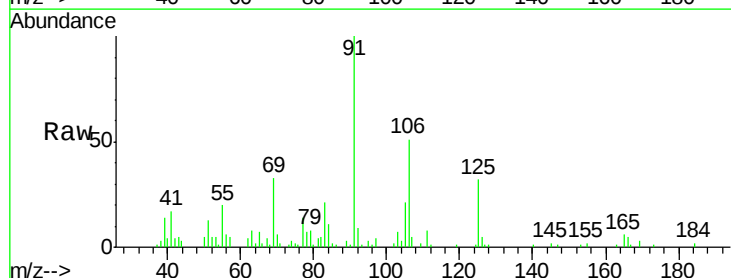
Acq: 16 Nov 2020 20:01

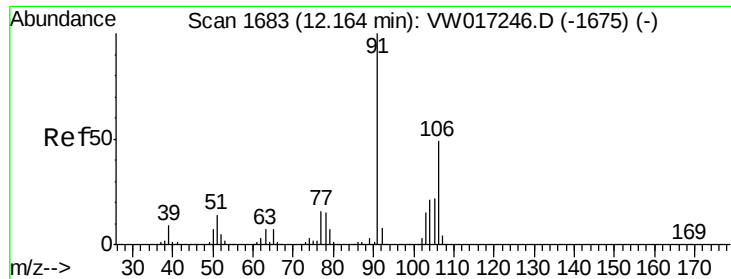
Tgt Ion: 106 Resp: 6852

Ion Ratio Lower Upper

106 100

91 196.6 138.7 257.5

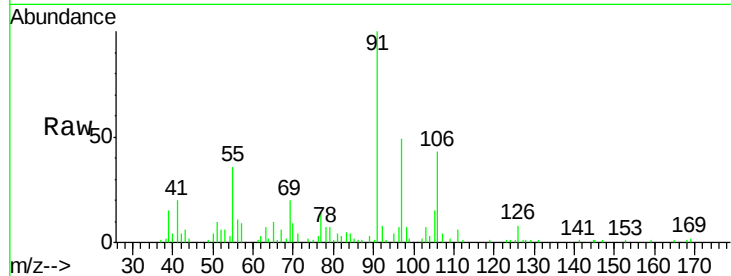




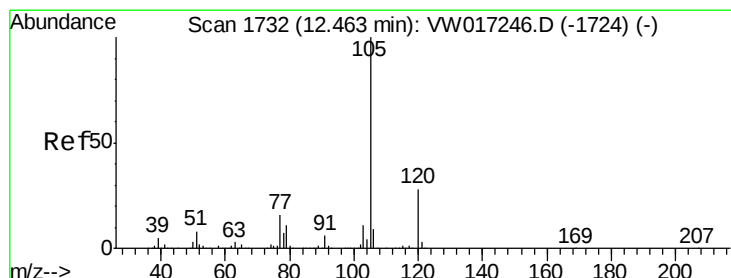
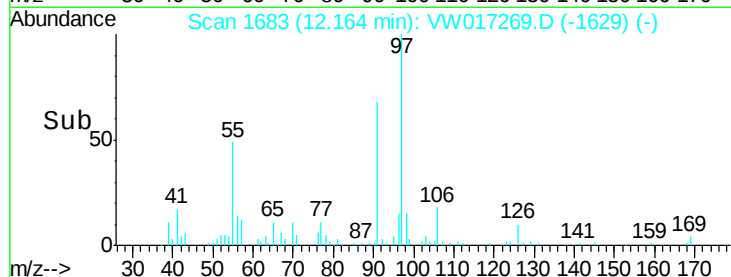
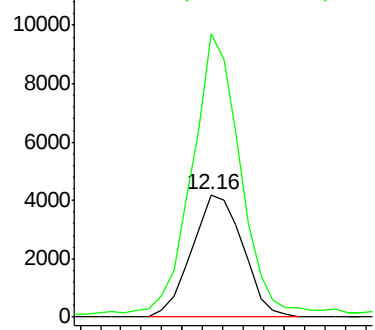
#55
o-xylene
Concen: 1.339 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW017269.D
Acq: 16 Nov 2020 20:01

Instrument :
MSVOA_W
ClientSampled :
C0AC3RE

Tot Ion:106 Resp: 7284
Ion Ratio Lower Upper
106 100
91 230.9 140.8 261.4

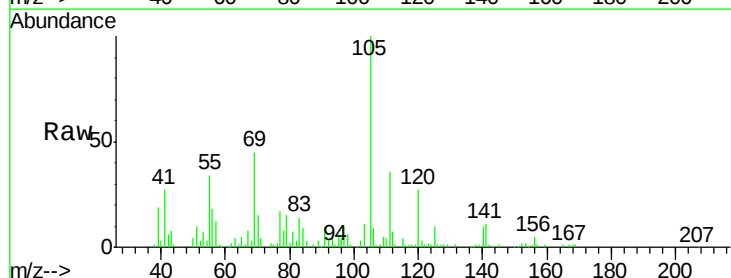


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



#57
Isopropylbenzene
Concen: 1.631 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW017269.D
Acq: 16 Nov 2020 20:01

Tgt Ion:105 Resp: 24070
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.6
77 17.6 11.4 17.0#



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): VW

