

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013798.D
 Acq On : 29 Oct 2019 17:20
 Operator : SY/VA
 Sample : K5535-08RE
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK30RE

Quant Time: Nov 07 03:34:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	311912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	245418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	80536	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104230	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.96%
7) Chloroethane-d5	2.89	69	83420	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.40%
10) 1,1-Dichloroethene-d2	4.02	63	147543	17.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.84%
20) 2-Butanone-d5	7.07	46	66992	48.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.88%
24) Chloroform-d	7.65	84	210960	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	8.31	65	116255	25.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.88%
29) Benzene-d6	8.27	84	451841	30.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.56%
33) 1,2-Dichloropropane-d6	9.27	67	138568	31.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.88%#
37) Toluene-d8	10.32	98	378991	27.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.48%
38) trans-1,3-Dichloropropene-	10.58	79	50873	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.44%
39) 2-Hexanone-d5	10.93	63	51214	60.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94717	26.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	76127	26.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.00%

Target Compounds

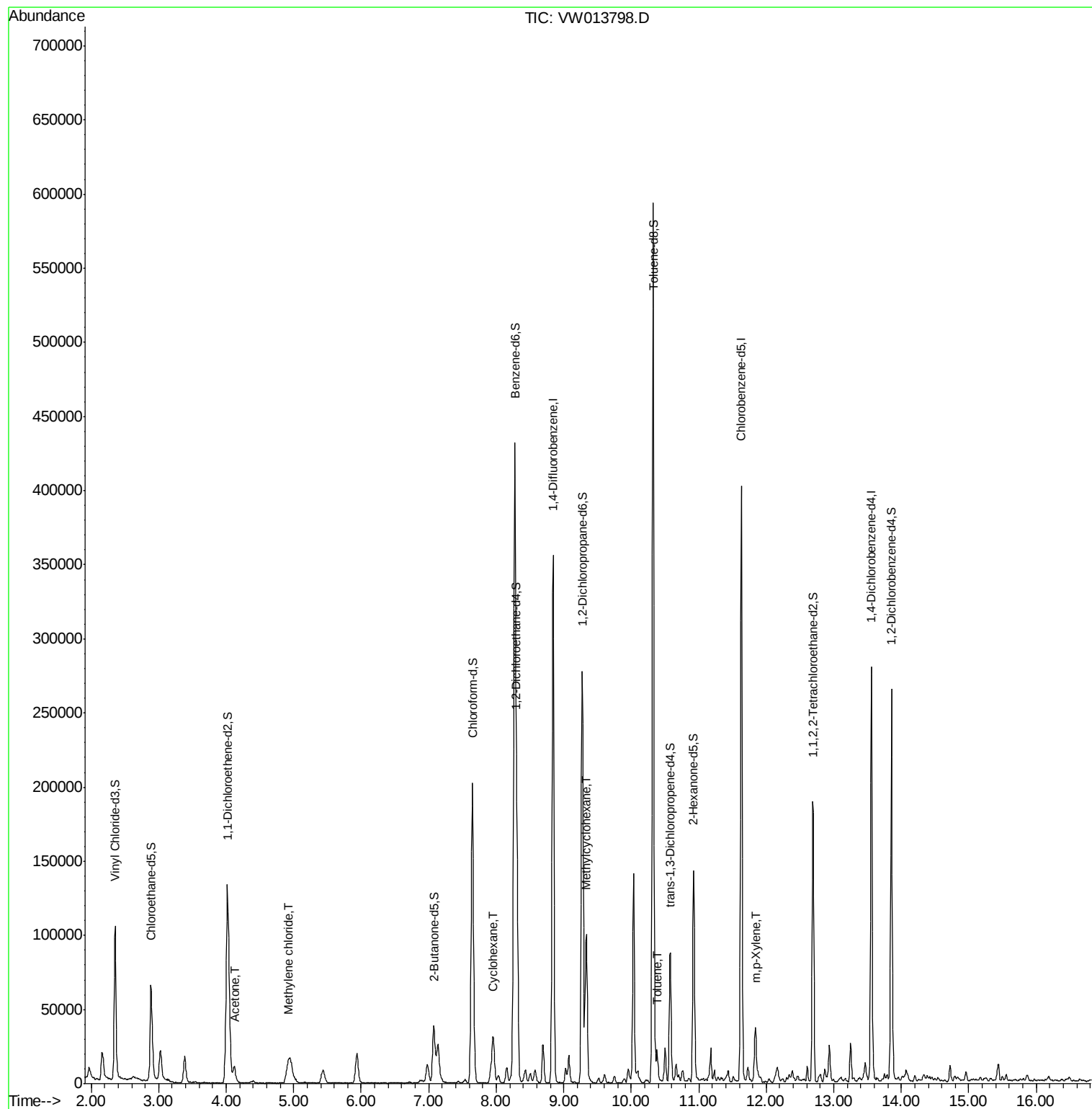
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	18001	11.849	ug/L	94
16) Methylene chloride	4.92	84	11362	1.902	ug/L	94
30) Cyclohexane	7.95	56	18520	2.576	ug/L	95
36) Methylcyclohexane	9.34	83	39301	4.935	ug/L	93
44) Toluene	10.38	91	14490	0.766	ug/L	93
54) m,p-Xylene	11.84	106	7504	0.929	ug/L	99

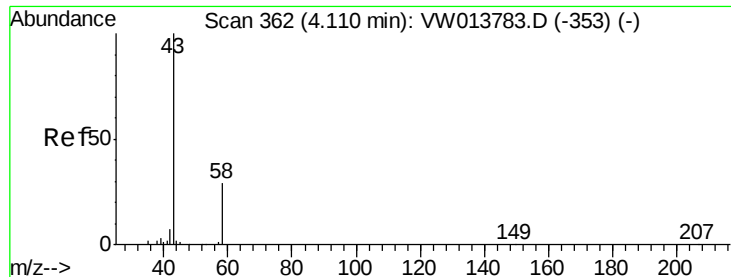
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.849 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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ClientSampleId :

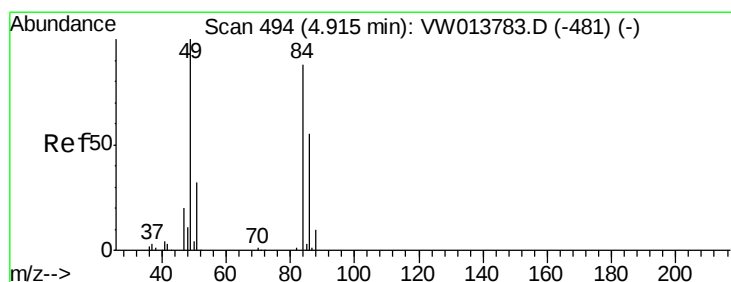
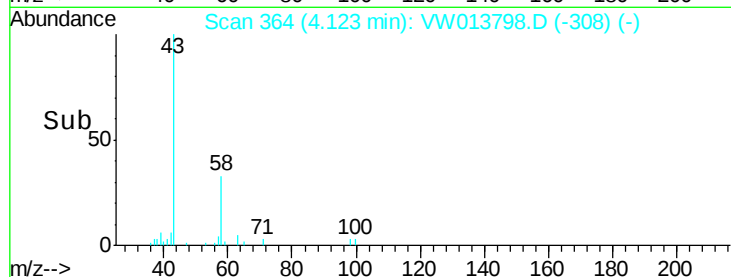
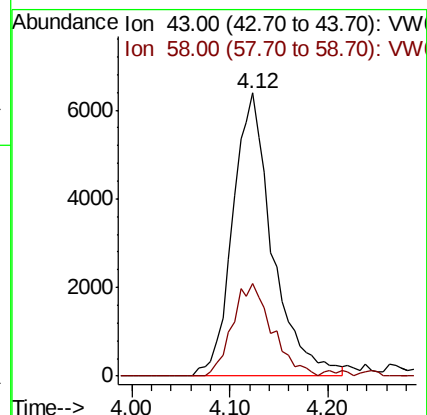
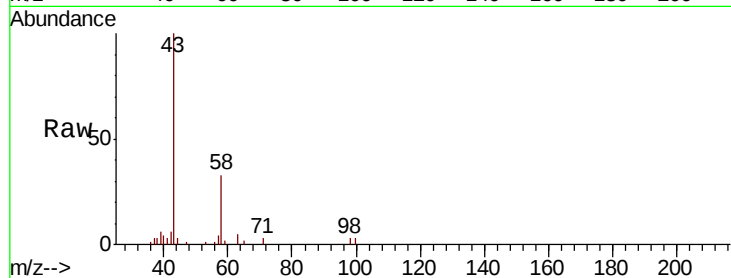
BEK30RE

Tot Ion: 43 Resp: 18001

Ion Ratio Lower Upper

43 100

58 31.5 0.0 70.4



#16

Methylene chloride

Concen: 1.902 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW013798.D

Acq: 29 Oct 2019 17:20

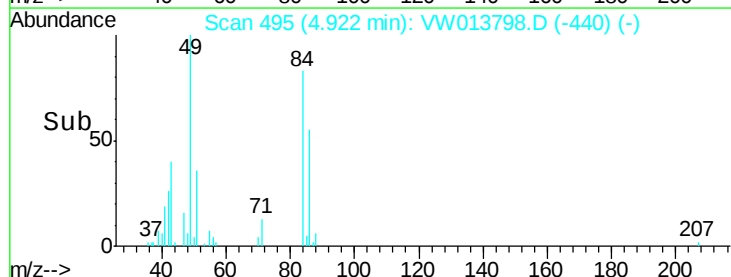
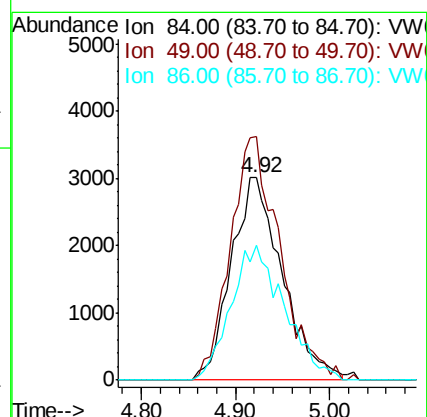
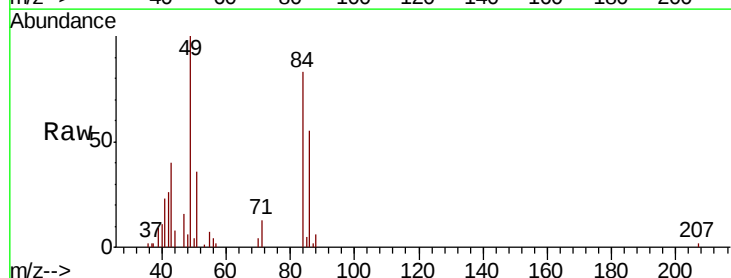
Tgt Ion: 84 Resp: 11362

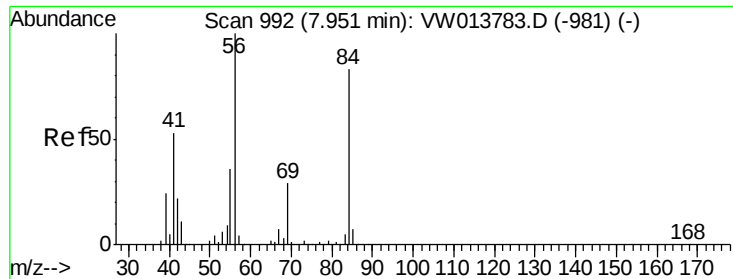
Ion Ratio Lower Upper

84 100

49 120.3 80.2 148.9

86 66.6 42.7 79.3

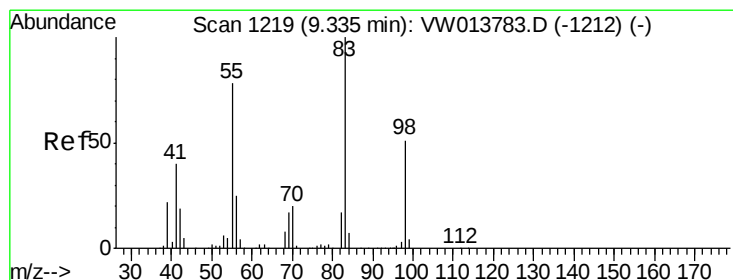
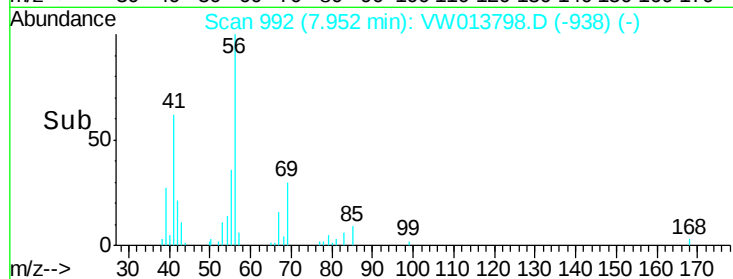
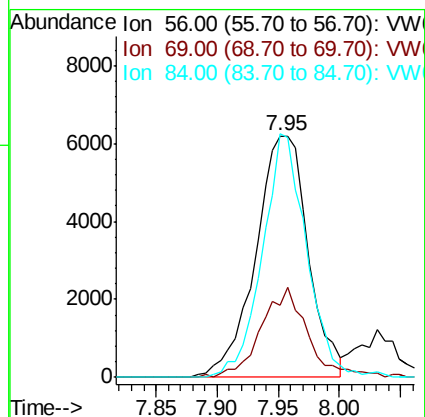
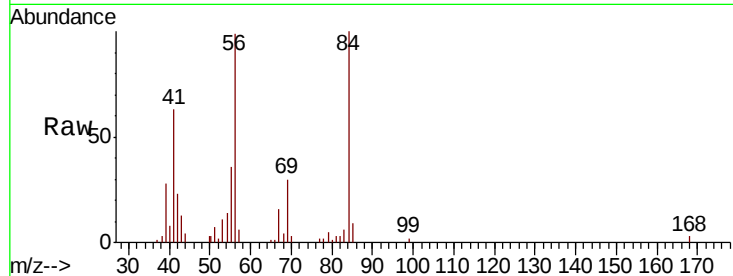




#30
Cyclohexane
Concen: 2.576 ug/L
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013798.D
Acq: 29 Oct 2019 17:20

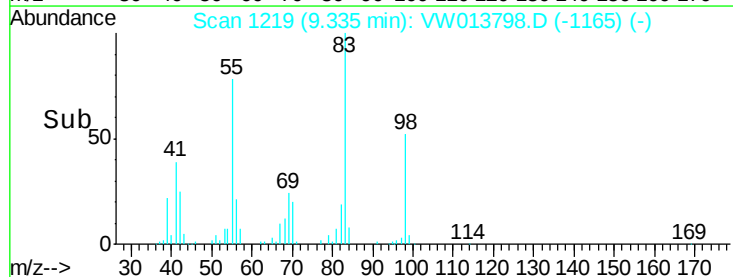
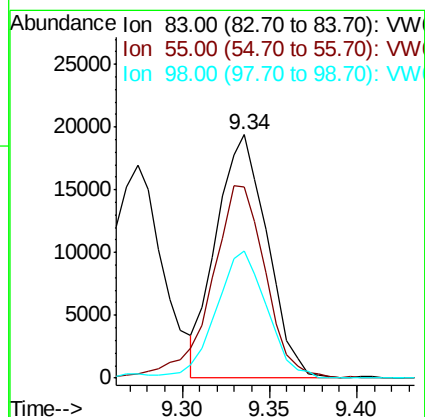
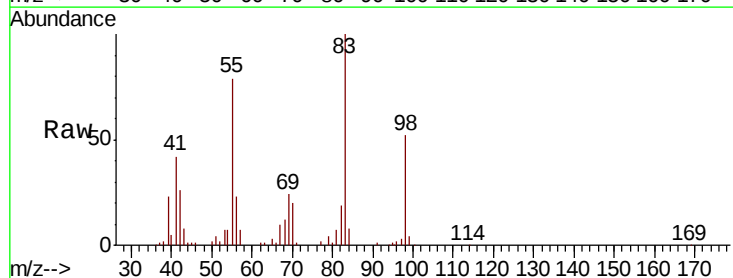
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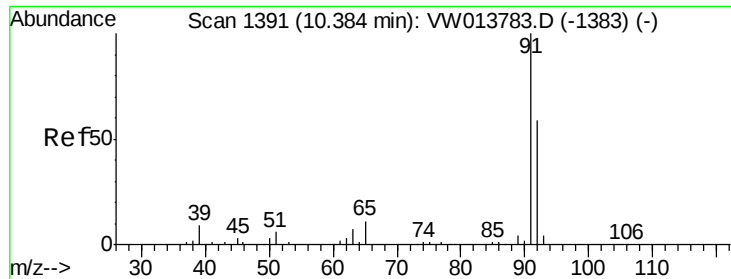
Tot Ion	56	Resp	18520
Ion Ratio	Lower	Upper	
56	100		
69	32.9	24.6	37.0
84	84.4	71.1	106.7



#36
Methylcyclohexane
Concen: 4.935 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013798.D
Acq: 29 Oct 2019 17:20

Tgt Ion	83	Resp	39301
Ion Ratio	Lower	Upper	
83	100		
55	83.1	60.2	90.4
98	52.1	39.1	58.7





#44

Toluene

Concen: 0.766 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013798.D

Acq: 29 Oct 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

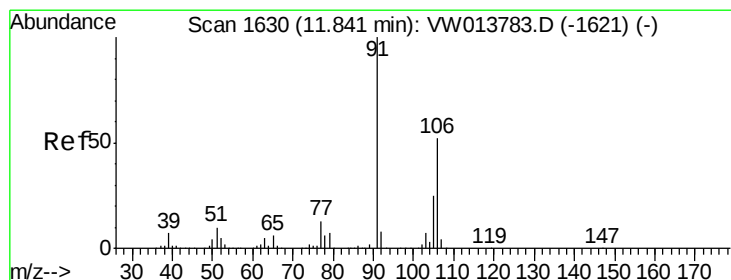
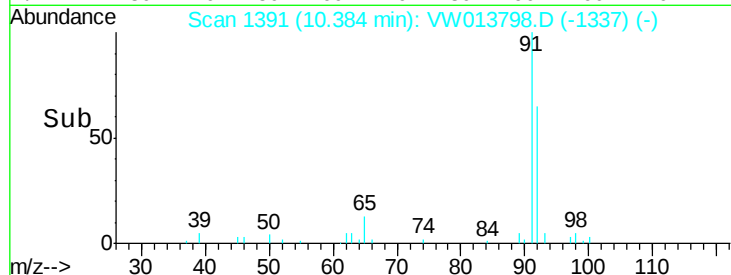
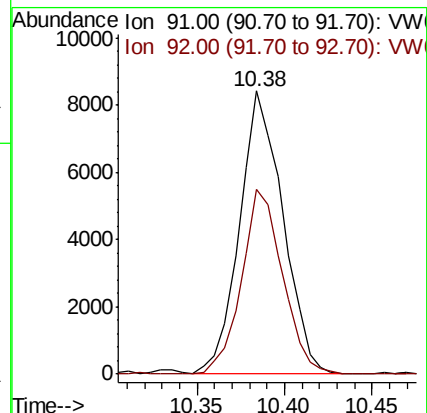
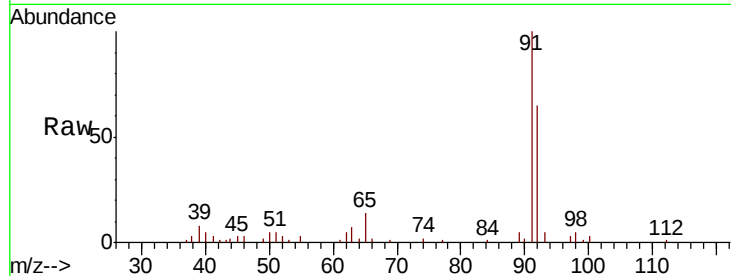
BEK30RE

Tot Ion: 91 Resp: 14490

Ion Ratio Lower Upper

91 100

92 65.1 42.0 78.0



#54

m,p-Xylene

Concen: 0.929 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW013798.D

Acq: 29 Oct 2019 17:20

Tgt Ion: 106 Resp: 7504

Ion Ratio Lower Upper

106 100

91 198.3 137.7 255.7

