

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013744.D
 Acq On : 25 Oct 2019 13:29
 Operator : SY/VA
 Sample : K5535-11
 Misc : 6.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK33

Quant Time: Oct 26 03:41:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339502	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263734	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78989	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115851	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.24%
7) Chloroethane-d5	2.89	69	95430	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	4.02	63	171764	18.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.68%
20) 2-Butanone-d5	7.08	46	40634	27.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.54%
24) Chloroform-d	7.65	84	221008	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	8.31	65	106222	21.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.52%
29) Benzene-d6	8.27	84	477286	30.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.48%
33) 1,2-Dichloropropane-d6	9.27	67	136014	28.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.96%
37) Toluene-d8	10.32	98	402030	27.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.04%
38) trans-1,3-Dichloropropene-	10.58	79	47111	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.28%
39) 2-Hexanone-d5	10.93	63	31208	34.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74140	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	64359	23.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.24%

Target Compounds

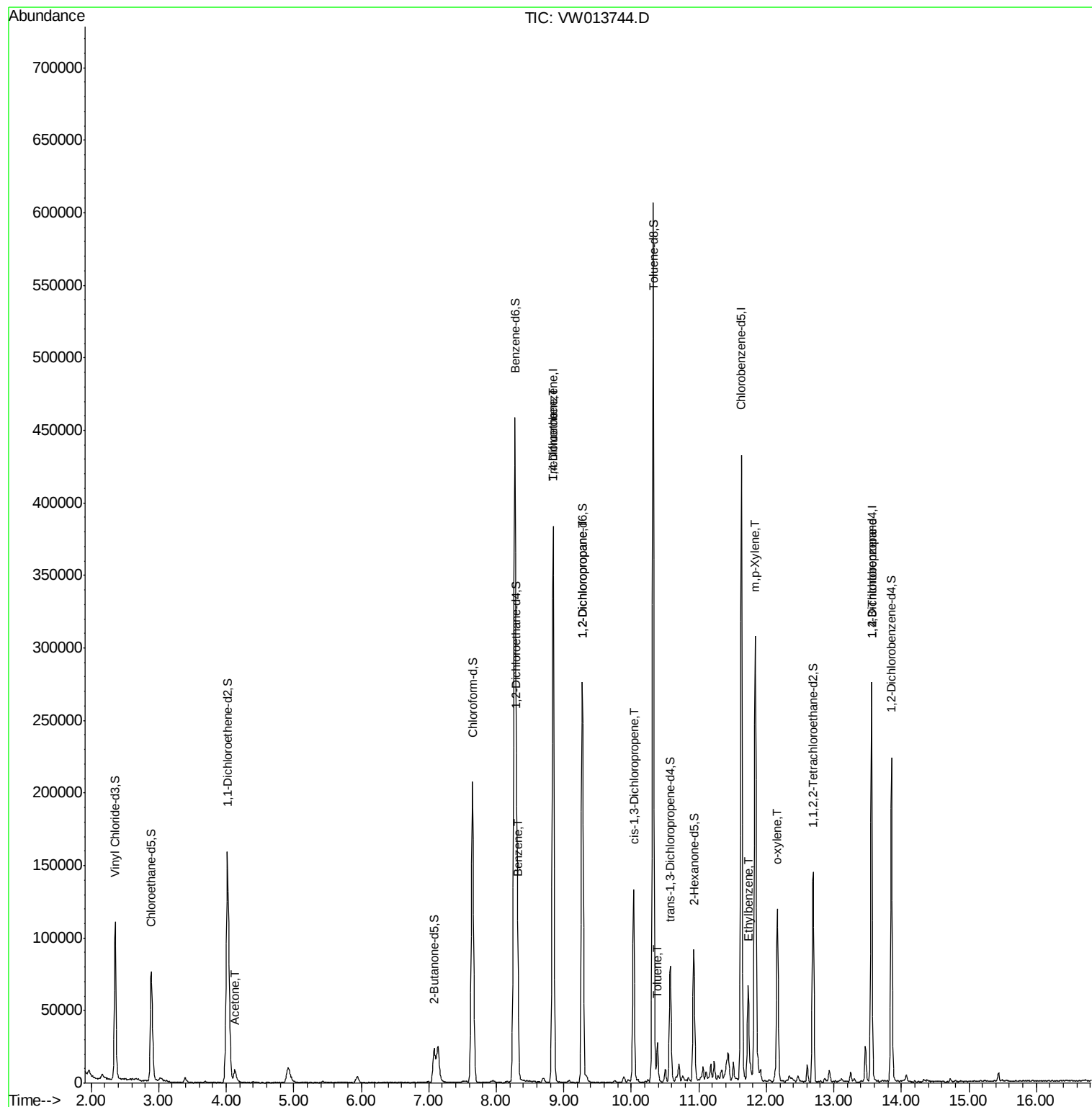
					Ovalue
13) Acetone	4.13	43	14575	8.815 ug/L	96
34) Benzene	8.32	78	8226	0.435 ug/L	100
35) Trichloroethene	8.84	95	9666	1.991 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14036	3.034 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3051	0.418 ug/L #	51
44) Toluene	10.39	91	21293	1.047 ug/L	91
53) Ethylbenzene	11.73	91	44661	1.988 ug/L	99
54) m,p-Xylene	11.83	106	89925	10.359 ug/L	98
55) o-xylene	12.16	106	31872	3.869 ug/L	99
59) 1,2,3-Trichloropropane	13.55	75	8285	2.656 ug/L	95

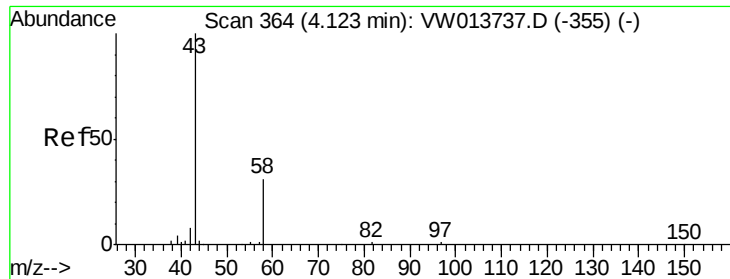
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.815 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013744.D

Acq: 25 Oct 2019 13:29

Instrument :

MSVOA_W

ClientSampled :

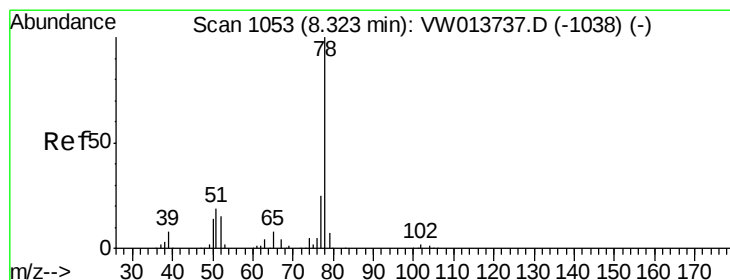
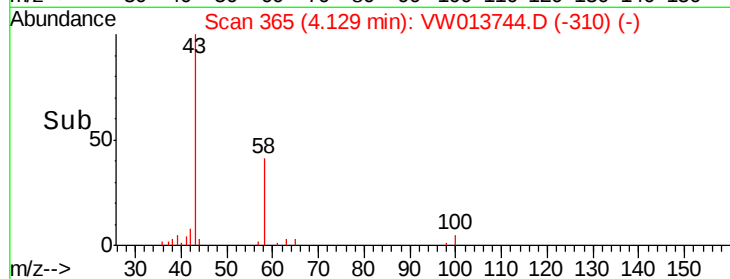
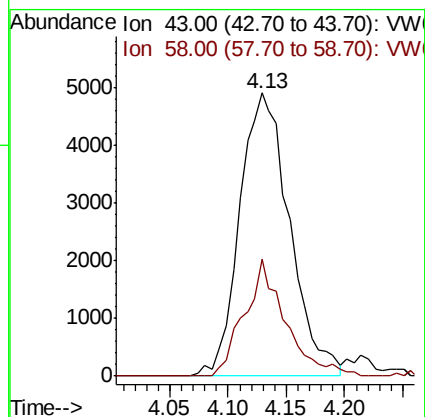
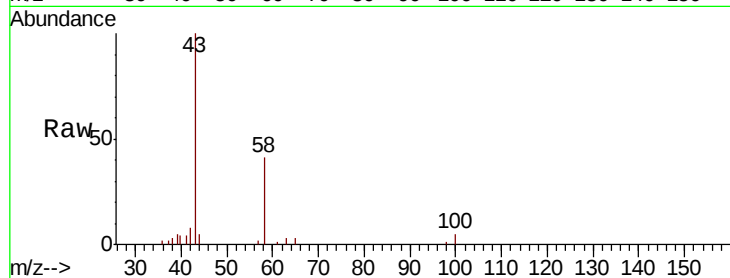
BEK33

Tot Ion: 43 Resp: 14575

Ion Ratio Lower Upper

43 100

58 33.0 0.0 70.4



#34

Benzene

Concen: 0.435 ug/L

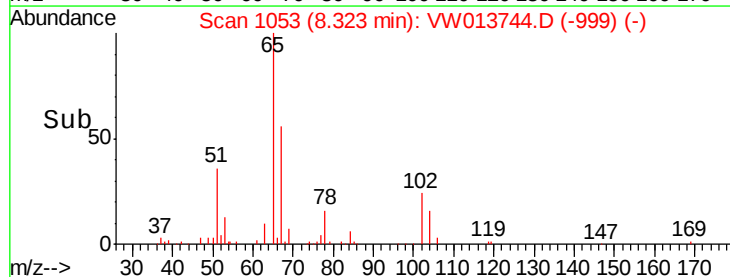
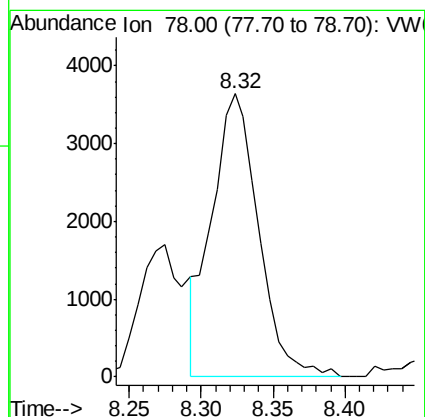
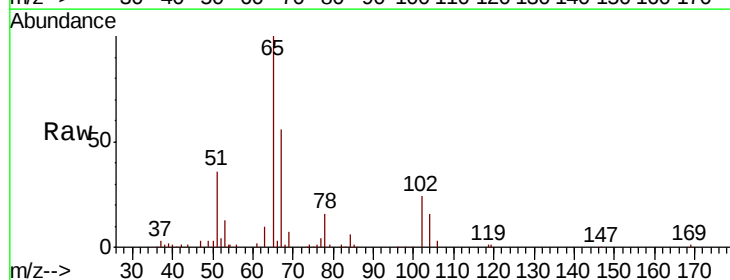
RT: 8.32 min Scan# 1053

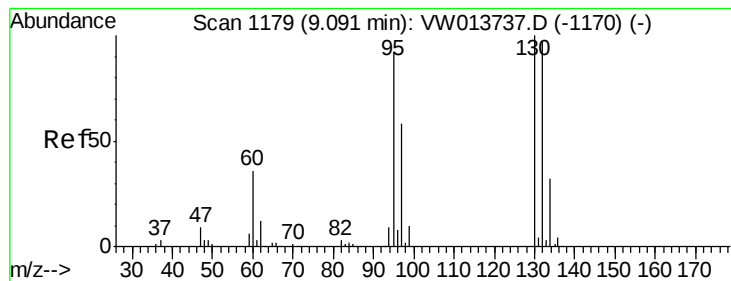
Delta R.T. 0.00 min

Lab File: VW013744.D

Acq: 25 Oct 2019 13:29

Tgt Ion: 78 Resp: 8226





#35

Trichloroethene

Concen: 1.991 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013744.D

Acq: 25 Oct 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

BEK33

Tot Ion: 95 Resp: 9666

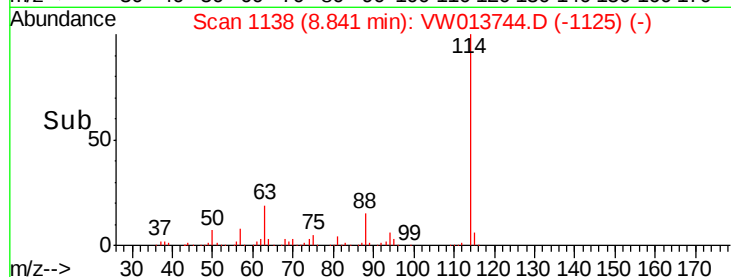
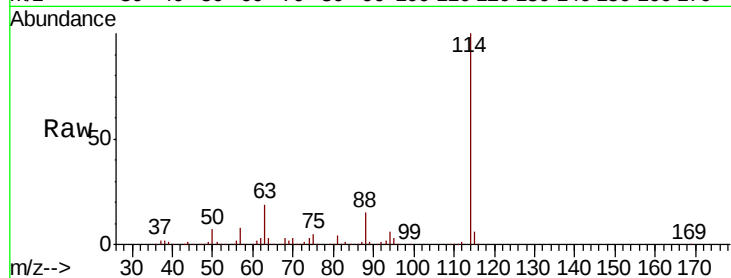
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.4 74.3 138.1#

130 0.0 76.6 142.3#

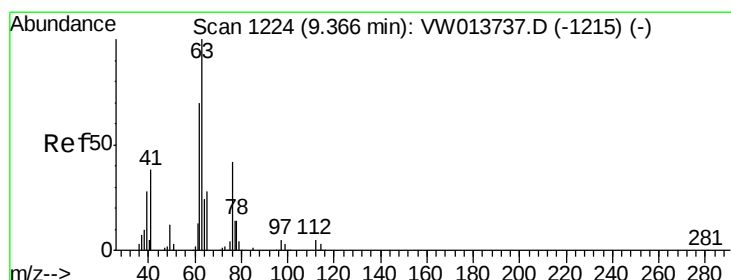
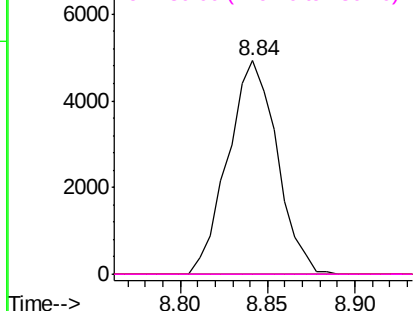


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.034 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW013744.D

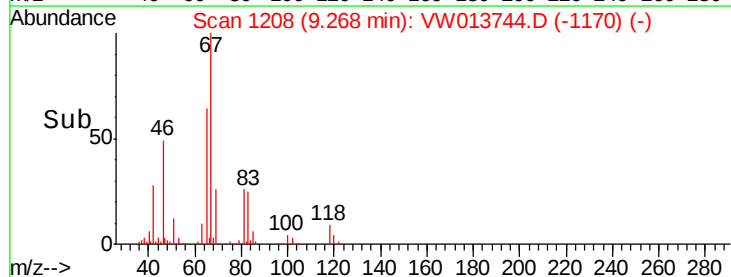
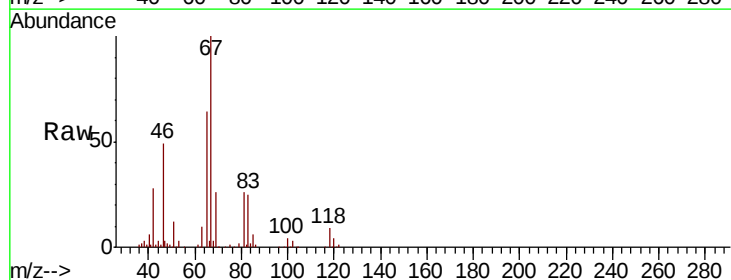
Acq: 25 Oct 2019 13:29

Tgt Ion: 63 Resp: 14036

Ion Ratio Lower Upper

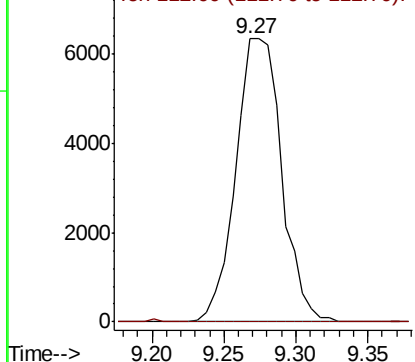
63 100

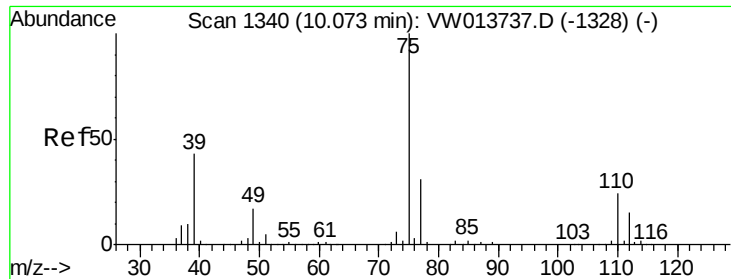
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

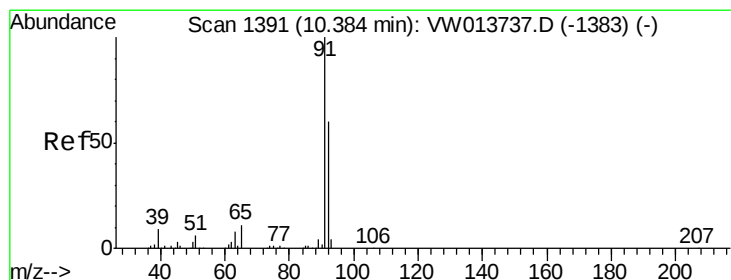
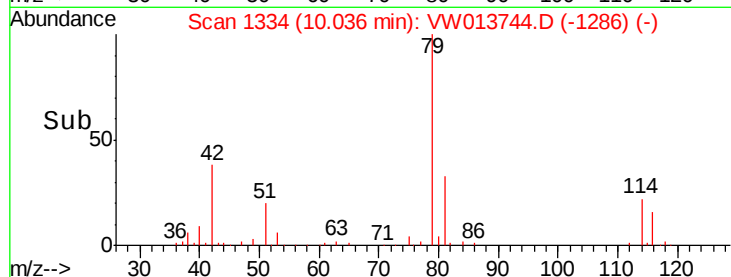
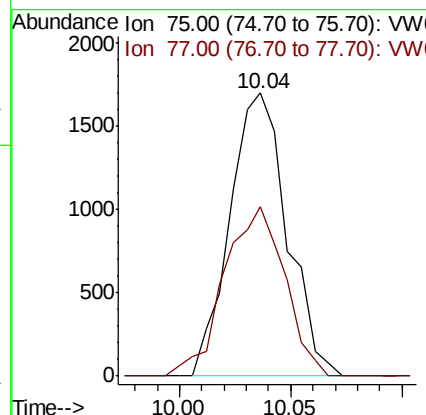
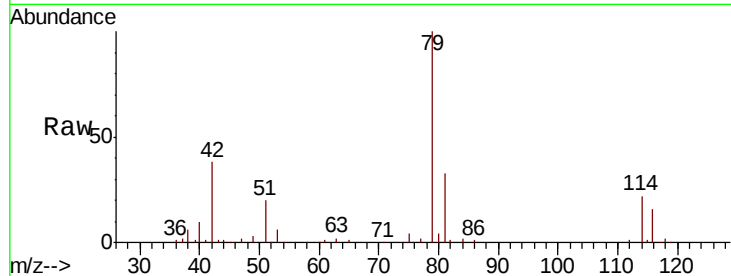




#42
 cis-1,3-Dichloropropene
 Concen: 0.418 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW013744.D
 Acq: 25 Oct 2019 13:29

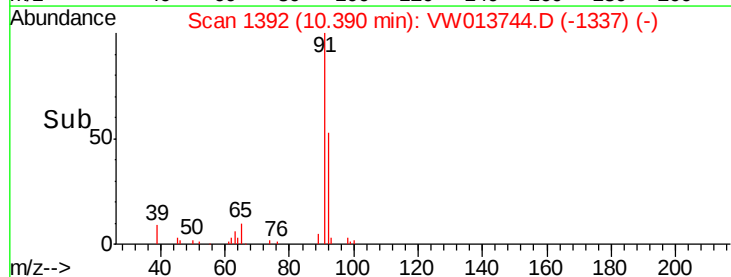
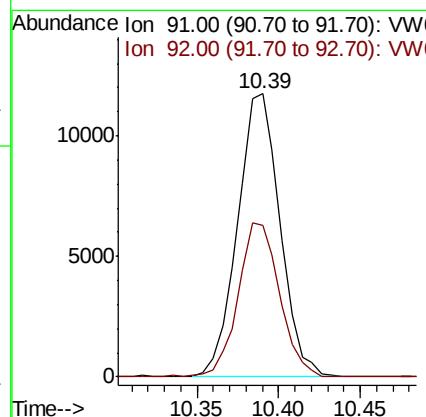
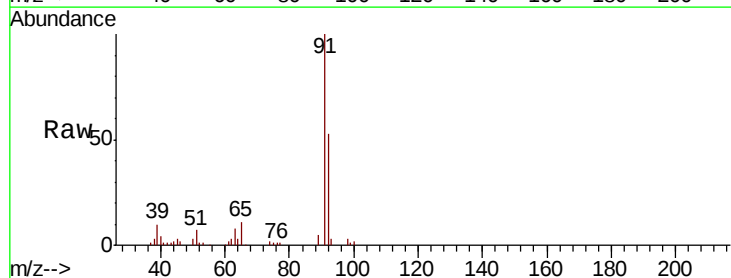
Instrument :
 MSVOA_W
 ClientSampleId :
 BEK33

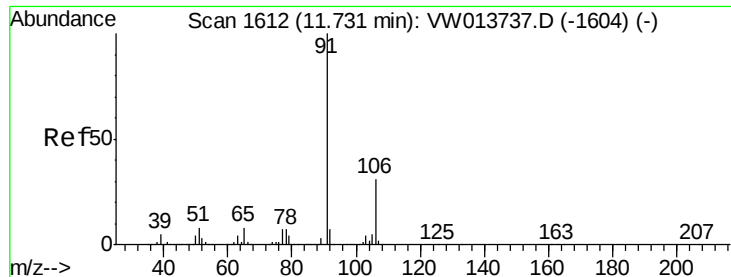
Tot Ion: 75 Resp: 3051
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.5 41.9#



#44
 Toluene
 Concen: 1.047 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW013744.D
 Acq: 25 Oct 2019 13:29

Tgt Ion: 91 Resp: 21293
 Ion Ratio Lower Upper
 91 100
 92 53.4 42.0 78.0

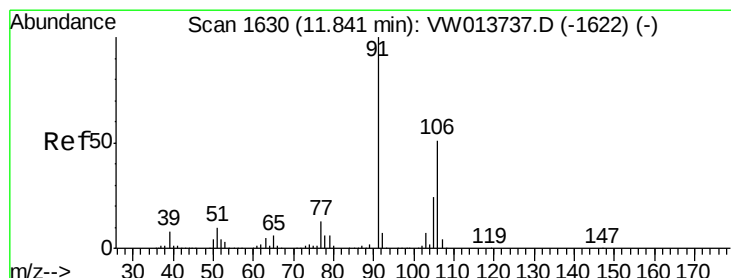
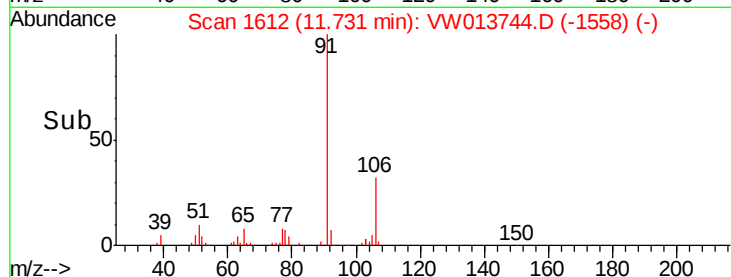
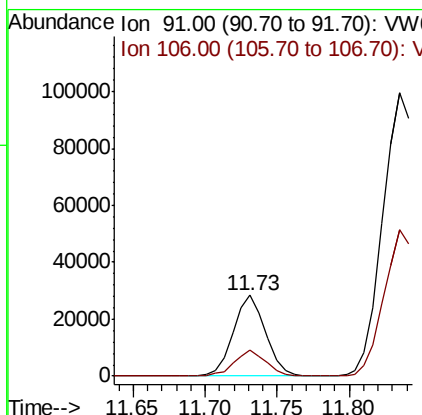
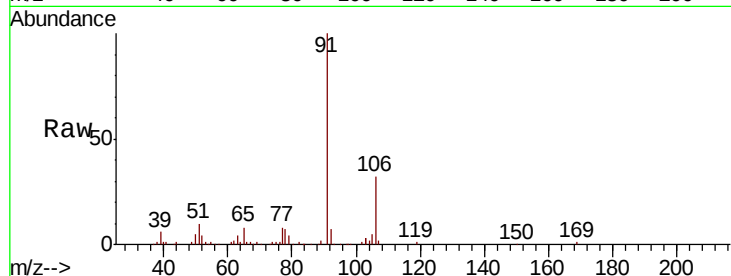




#53
Ethylbenzene
Concen: 1.988 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013744.D
Acq: 25 Oct 2019 13:29

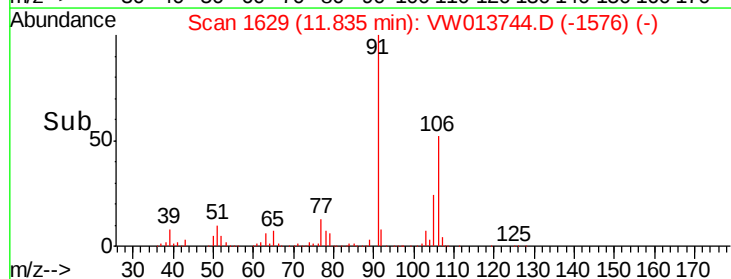
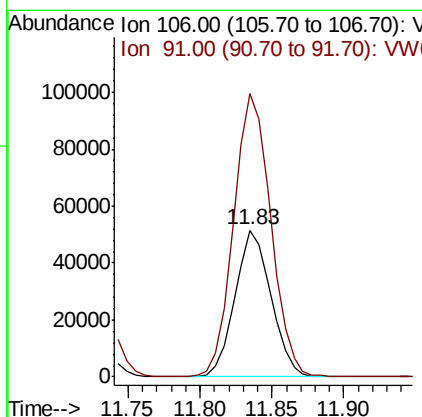
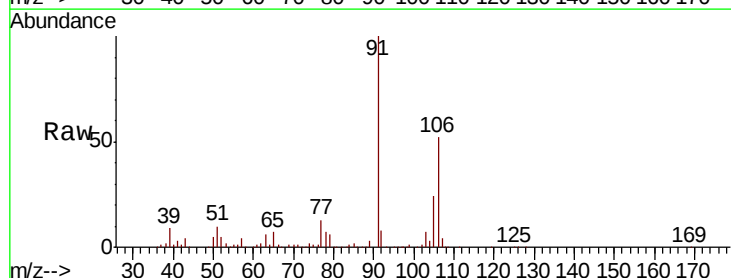
Instrument :
MSVOA_W
ClientSampled :
BEK33

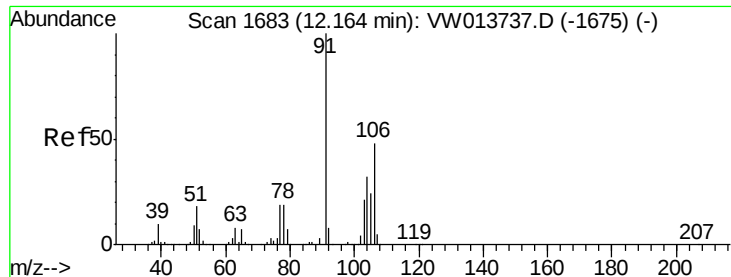
Tot Ion: 91 Resp: 44661
Ion Ratio Lower Upper
91 100
106 32.3 22.3 41.3



#54
m,p-Xylene
Concen: 10.359 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013744.D
Acq: 25 Oct 2019 13:29

Tgt Ion: 106 Resp: 89925
Ion Ratio Lower Upper
106 100
91 193.2 137.7 255.7





#55

o-xylene

Concen: 3.869 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW013744.D

Acq: 25 Oct 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

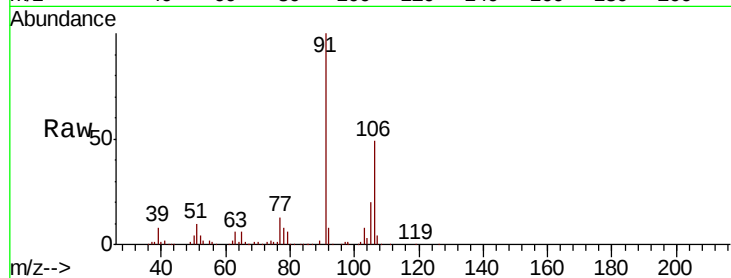
BEK33

Tot Ion:106 Resp: 31872

Ion Ratio Lower Upper

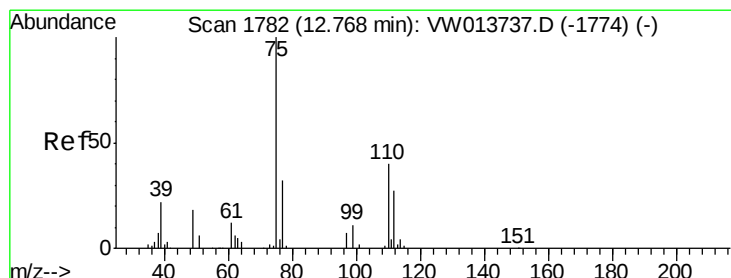
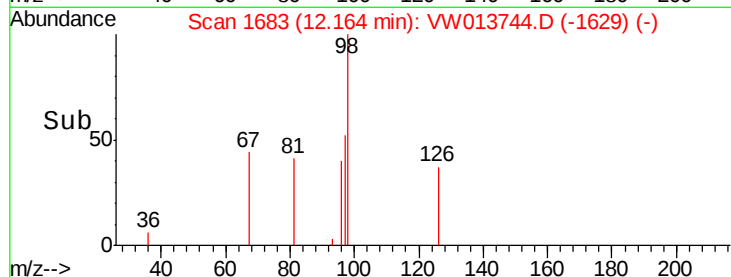
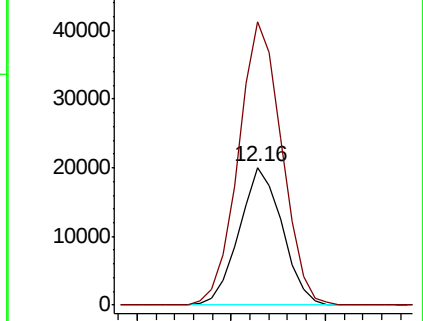
106 100

91 205.6 144.8 269.0



Abundance Ion 106.00 (105.70 to 106.70): VW

Ion 91.00 (90.70 to 91.70): VW



#59

1,2,3-Trichloropropane

Concen: 2.656 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013744.D

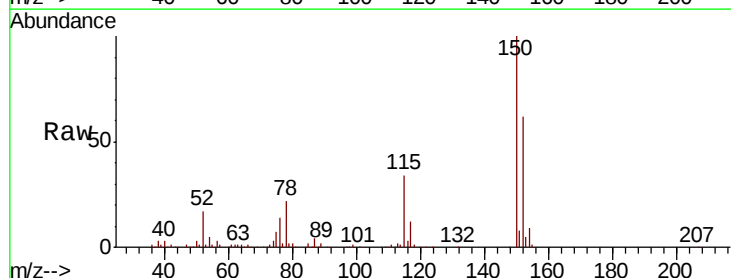
Acq: 25 Oct 2019 13:29

Tgt Ion: 75 Resp: 8285

Ion Ratio Lower Upper

75 100

77 36.0 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

