

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013749.D
 Acq On : 25 Oct 2019 15:40
 Operator : SY/VA
 Sample : K5549-05
 Misc : 2.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ58

Quant Time: Oct 26 03:41:54 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	392600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390116	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220562	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133427	27.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.80%
7) Chloroethane-d5	2.89	69	111222	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.96%
10) 1,1-Dichloroethene-d2	4.02	63	207957	19.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.20%
20) 2-Butanone-d5	7.08	46	92469	53.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.34%
24) Chloroform-d	7.65	84	282813	25.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.96%
26) 1,2-Dichloroethane-d4	8.31	65	157609	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	8.27	84	608188	25.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.80%
33) 1,2-Dichloropropane-d6	9.27	67	185416	26.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.96%
37) Toluene-d8	10.32	98	565967	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.72%
38) trans-1,3-Dichloropropene-	10.58	79	82415	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.40%
39) 2-Hexanone-d5	10.93	63	80548	60.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.38%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	159849	27.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	210167	26.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.84%

Target Compounds

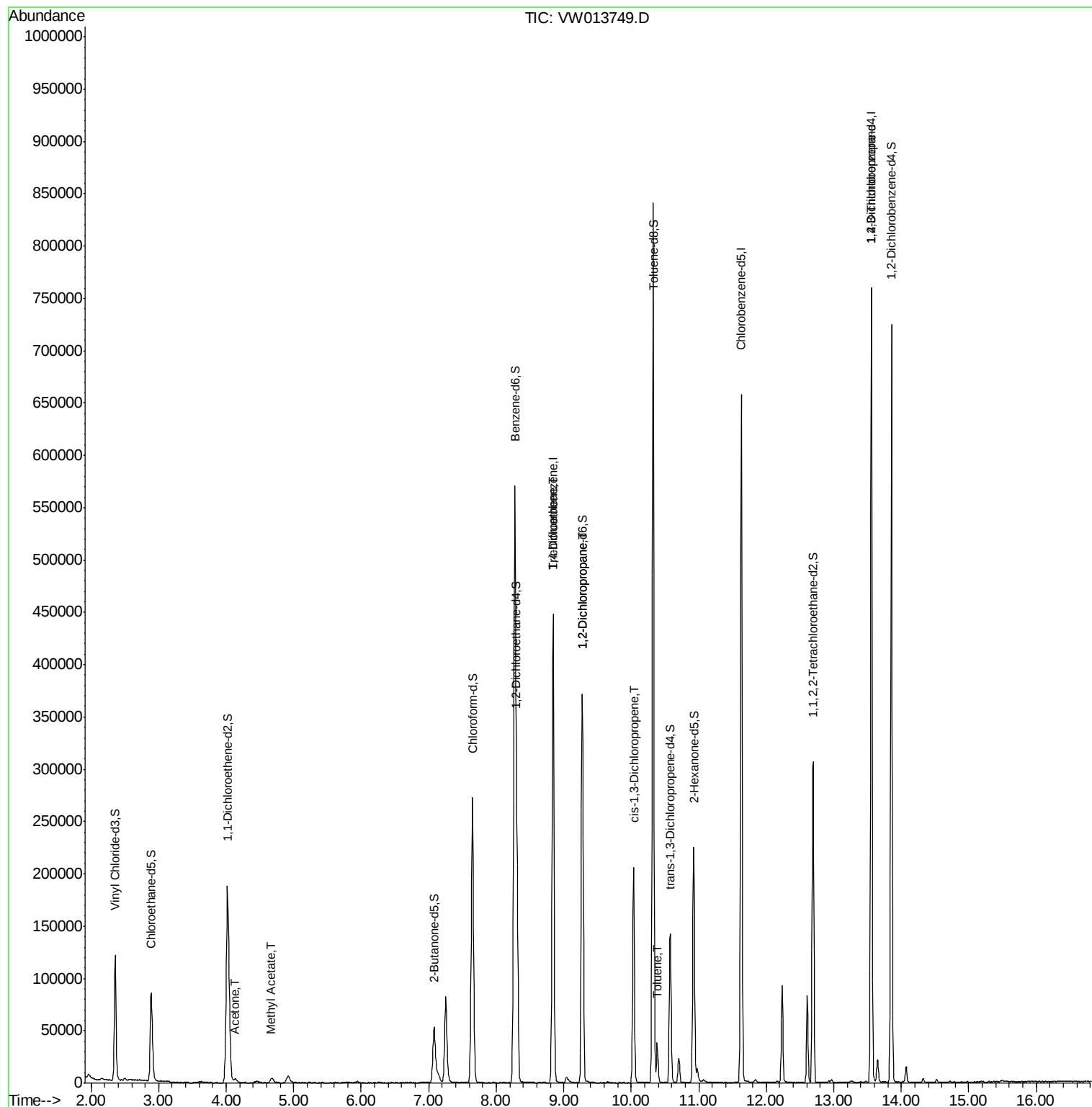
					Ovalue
13) Acetone	4.14	43	6501	3.400 ug/L	68
15) Methyl Acetate	4.67	43	3857	1.235 ug/L #	80
35) Trichloroethene	8.84	95	11380	1.585 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	18605	2.718 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	4452	0.412 ug/L #	75
44) Toluene	10.39	91	27887	0.927 ug/L	100
59) 1,2,3-Trichloropropane	13.55	75	22318	4.838 ug/L	94

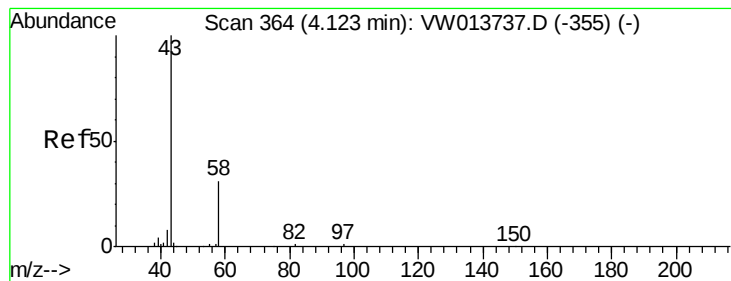
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.400 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013749.D

Acq: 25 Oct 2019 15:40

Instrument :

MSVOA_W

ClientSampled :

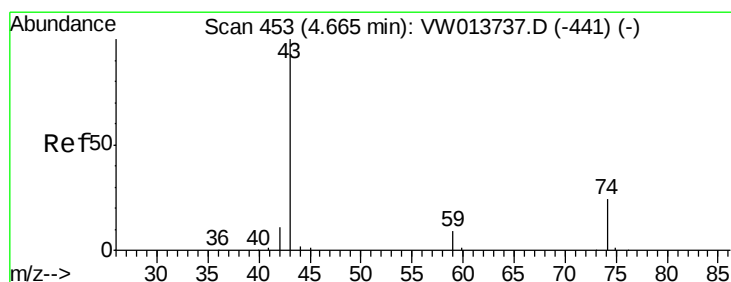
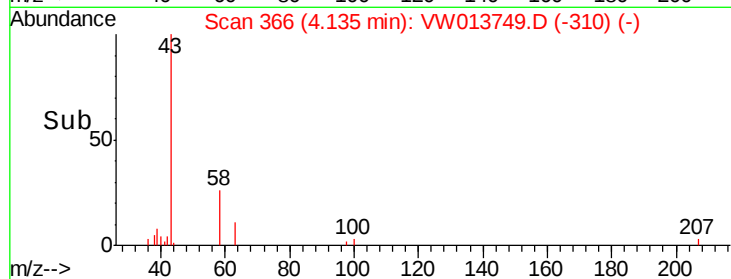
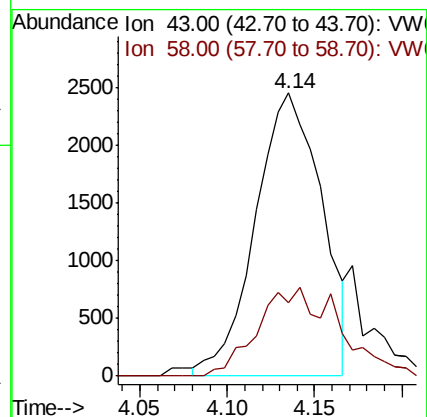
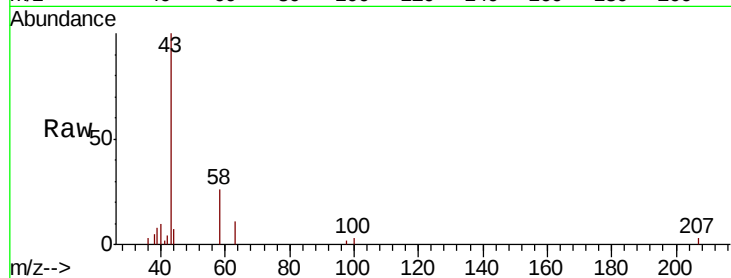
GAQ58

Tot Ion: 43 Resp: 6501

Ion Ratio Lower Upper

43 100

58 16.7 0.0 70.4



#15

Methyl Acetate

Concen: 1.235 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013749.D

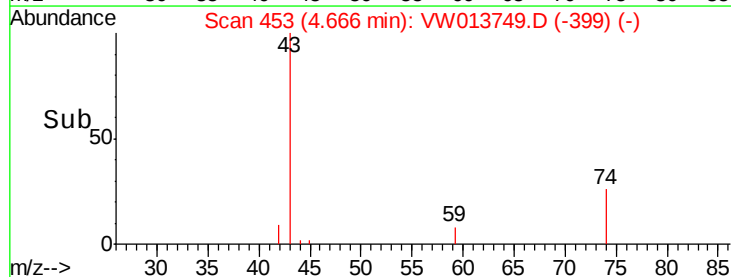
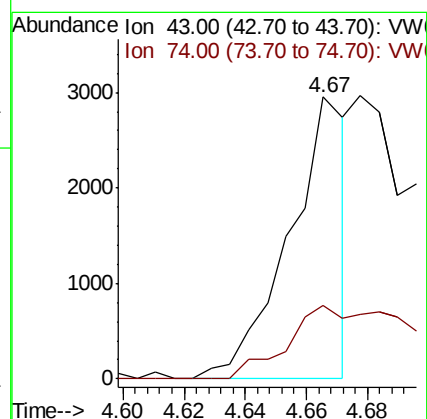
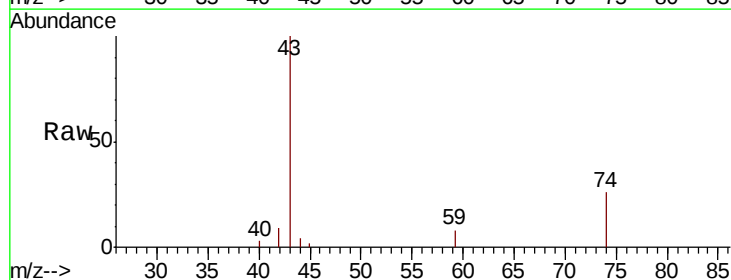
Acq: 25 Oct 2019 15:40

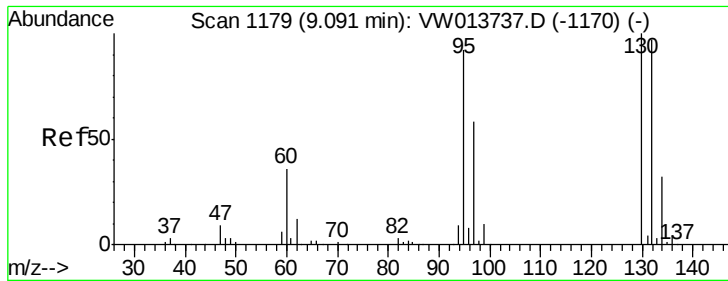
Tgt Ion: 43 Resp: 3857

Ion Ratio Lower Upper

43 100

74 14.3 19.2 28.8#





#35

Trichloroethene

Concen: 1.585 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013749.D

Acq: 25 Oct 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

GAQ58

Tot Ion: 95 Resp: 11380

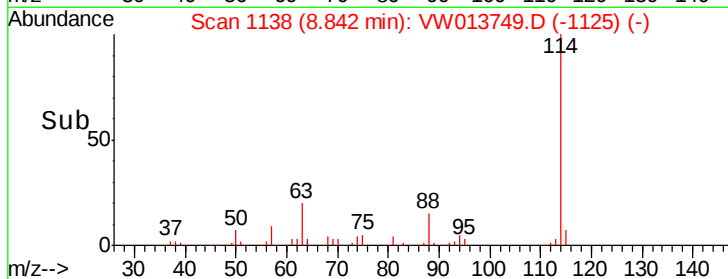
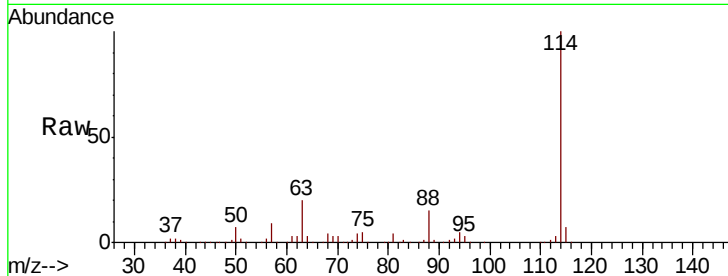
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

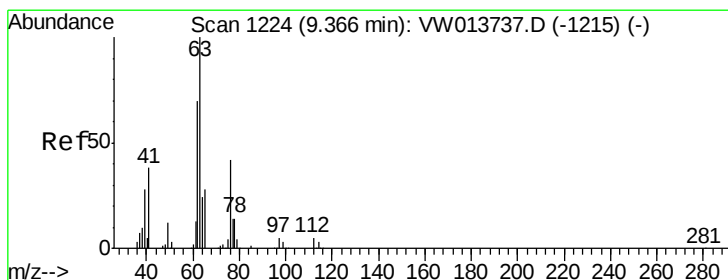
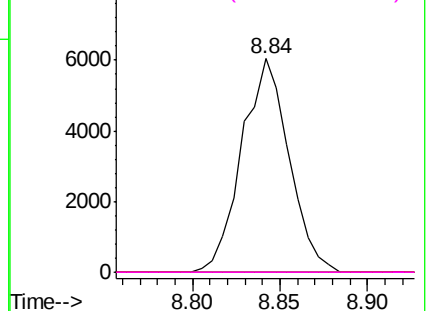


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.718 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013749.D

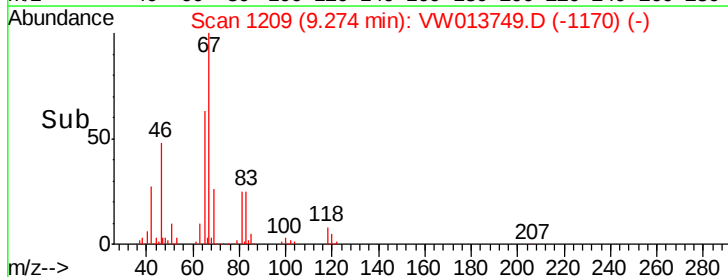
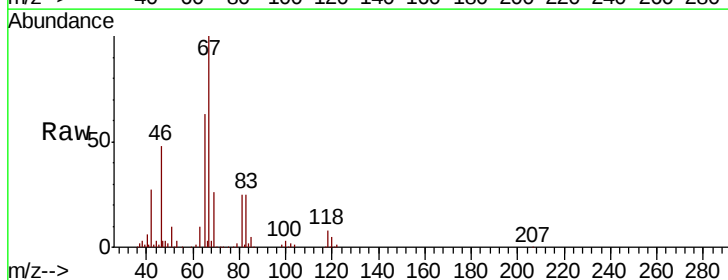
Acq: 25 Oct 2019 15:40

Tgt Ion: 63 Resp: 18605

Ion Ratio Lower Upper

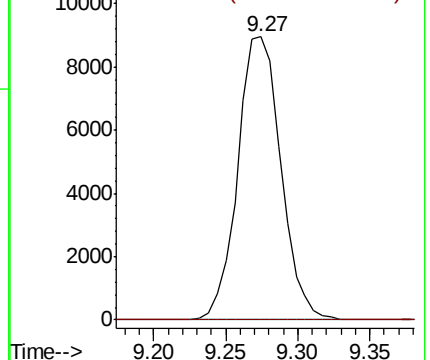
63 100

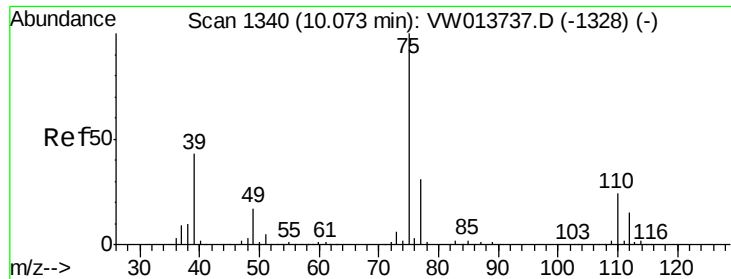
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

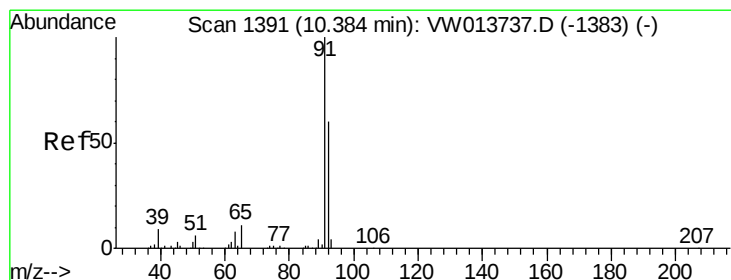
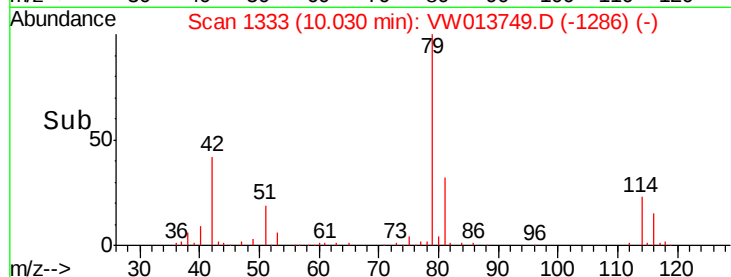
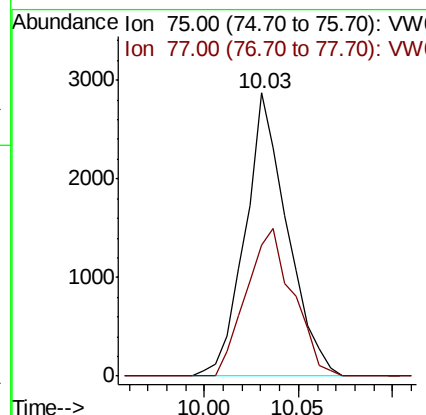
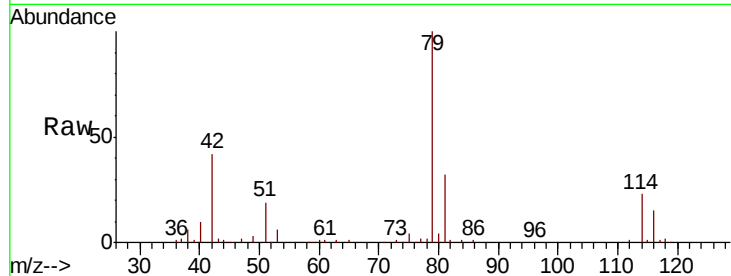




#42
 cis-1,3-Dichloropropene
 Concen: 0.412 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW013749.D
 Acq: 25 Oct 2019 15:40

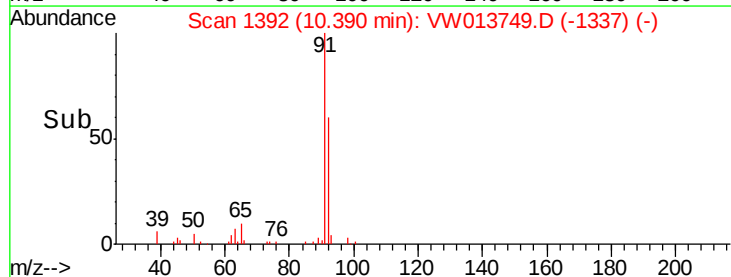
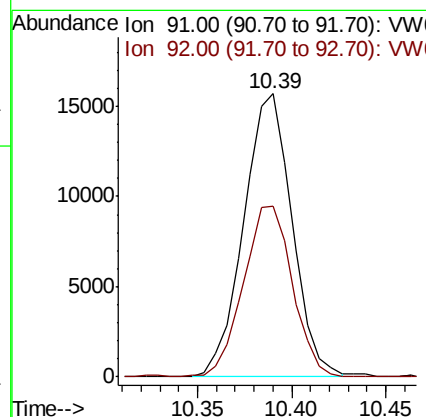
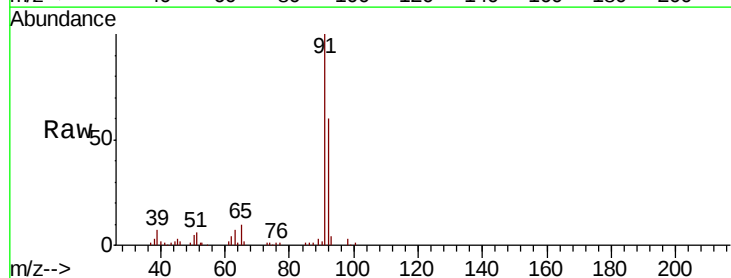
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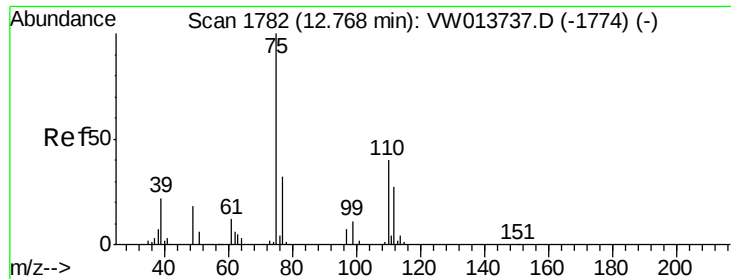
Tot Ion: 75 Resp: 4452
 Ion Ratio Lower Upper
 75 100
 77 46.2 22.5 41.9#



#44
 Toluene
 Concen: 0.927 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW013749.D
 Acq: 25 Oct 2019 15:40

Tgt Ion: 91 Resp: 27887
 Ion Ratio Lower Upper
 91 100
 92 60.3 42.0 78.0





#59

1,2,3-Trichloropropane

Concen: 4.838 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013749.D

Acq: 25 Oct 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

GAQ58

Tot Ion: 75 Resp: 22318

Ion Ratio Lower Upper

75 100

77 36.5 26.4 39.6

