

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009360.D
 Acq On : 22 Mar 2019 22:54
 Operator : SY/VA
 Sample : VW0322SBL02
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK09

Quant Time: Mar 23 01:36:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	360656	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347600	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159374	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99608	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
7) Chloroethane-d5	2.89	69	103405	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
10) 1,1-Dichloroethene-d2	4.01	63	164451	17.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.60%
20) 2-Butanone-d5	7.08	46	92150	51.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.40%
24) Chloroform-d	7.65	84	235486	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.30	65	146358	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	8.27	84	440438	22.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.92%
33) 1,2-Dichloropropane-d6	9.27	67	134721	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.32	98	400126	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.28%
38) trans-1,3-Dichloropropene-	10.58	79	60972	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.36%
39) 2-Hexanone-d5	10.93	63	67701	48.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136986	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	152729	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds

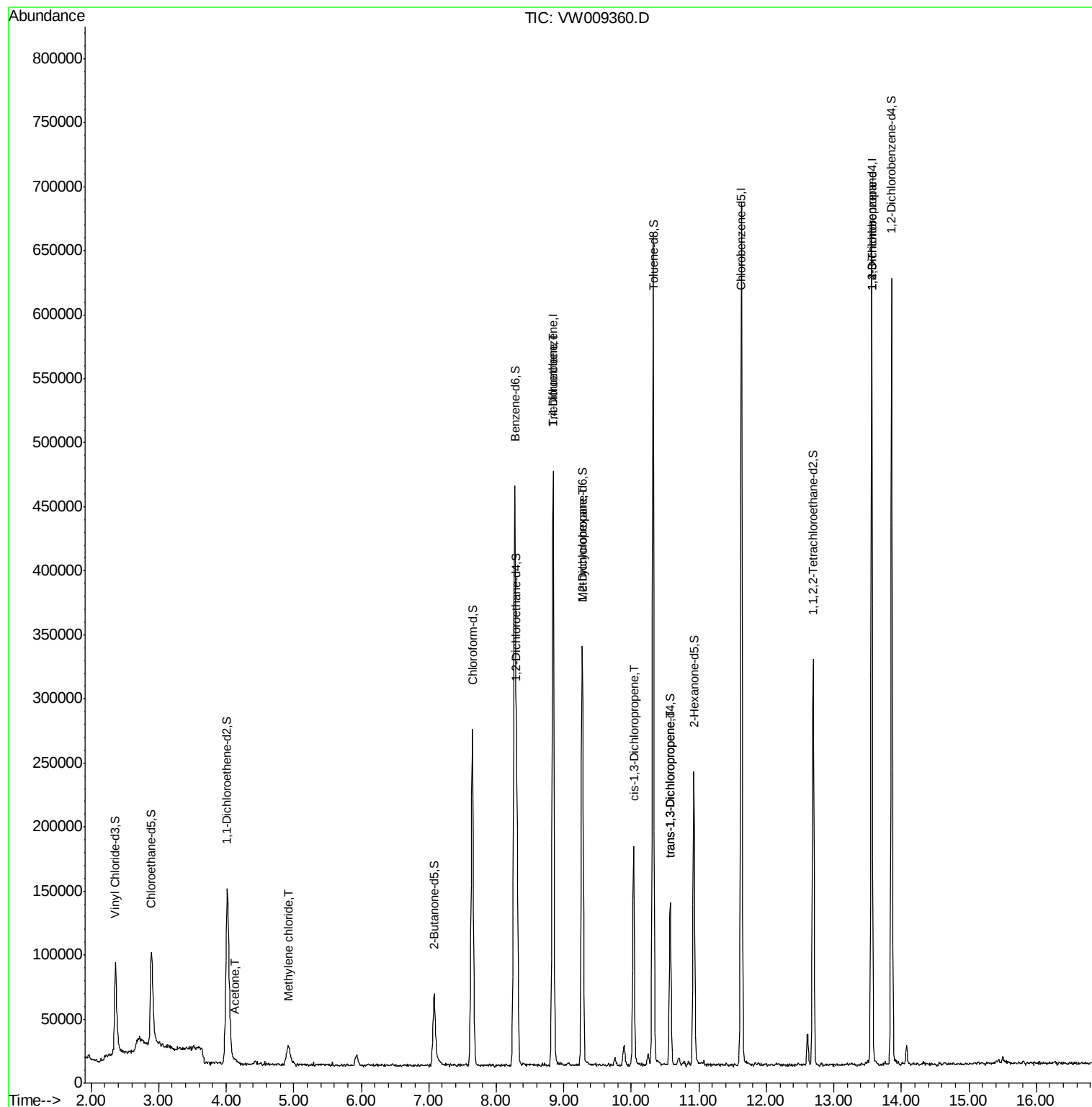
					Qvalue
13) Acetone	4.12	43	1553	1.063 ug/L	86
16) Methylene chloride	4.91	84	7063	1.343 ug/L	97
35) Trichloroethene	8.84	95	11303	2.230 ug/L #	4
36) Methylcyclohexane	9.27	83	33534	3.823 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4968	0.625 ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	3546	0.513 ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	21667	5.556 ug/L	92

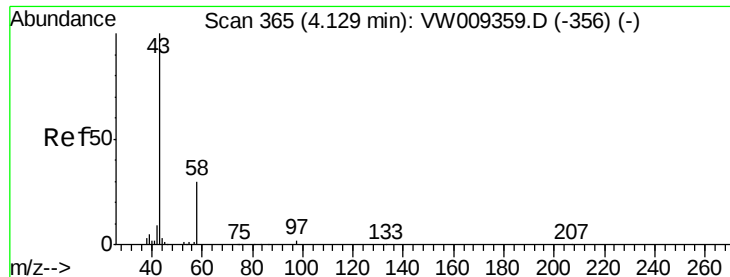
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.063 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009360.D

Acq: 22 Mar 2019 22:54

Instrument :

MSVOA_W

ClientSampleId :

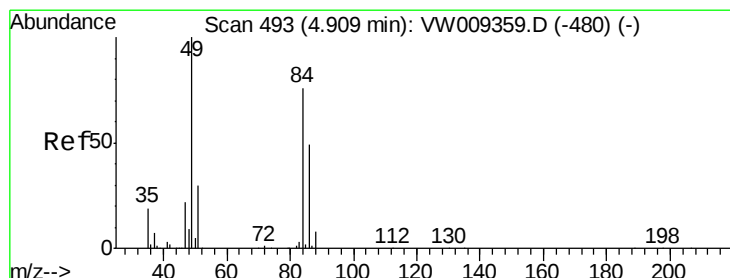
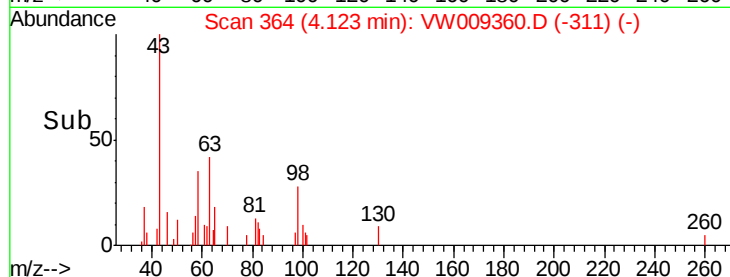
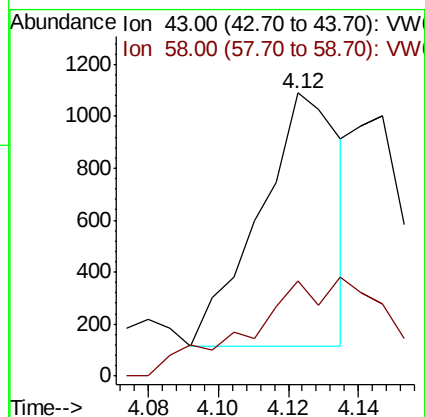
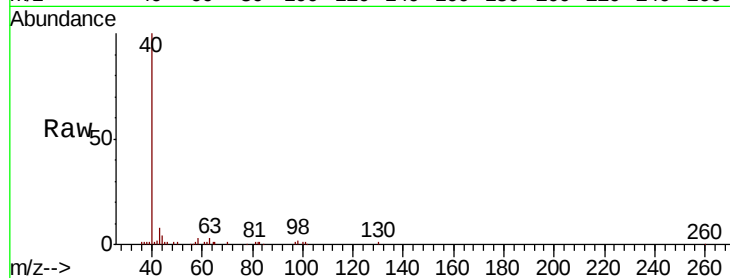
VBLK09

Tgt Ion: 43 Resp: 1553

Ion Ratio Lower Upper

43 100

58 20.9 0.0 56.2



#16

Methylene chloride

Concen: 1.343 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW009360.D

Acq: 22 Mar 2019 22:54

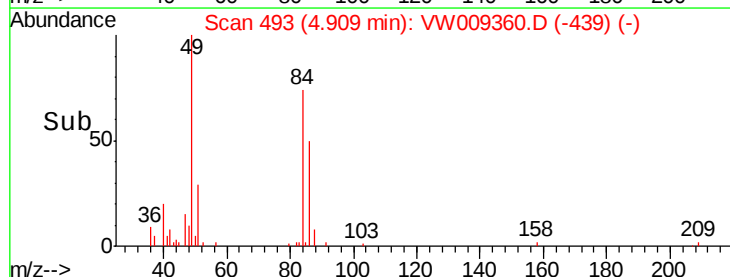
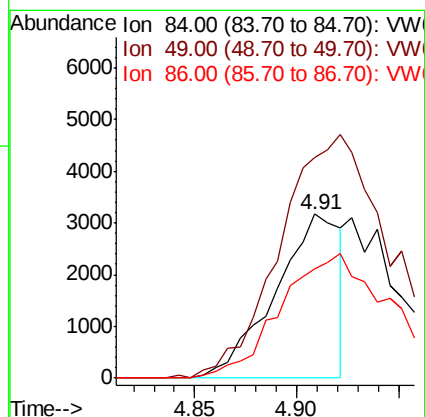
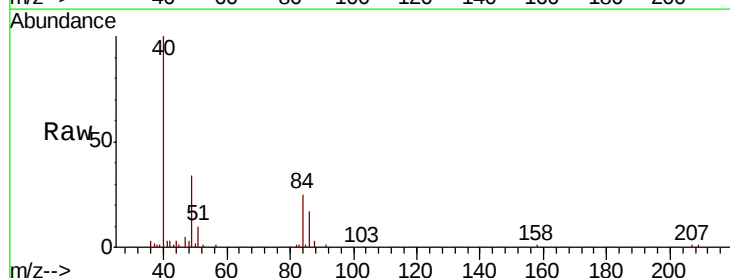
Tgt Ion: 84 Resp: 7063

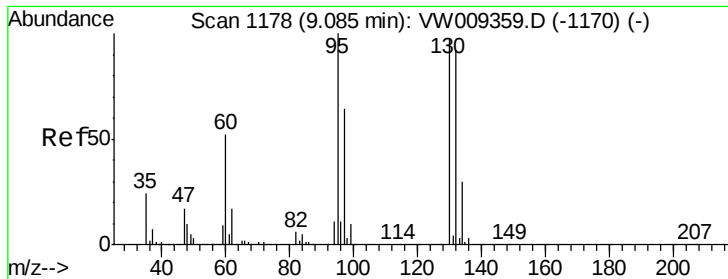
Ion Ratio Lower Upper

84 100

49 134.9 96.0 178.2

86 66.9 44.4 82.5

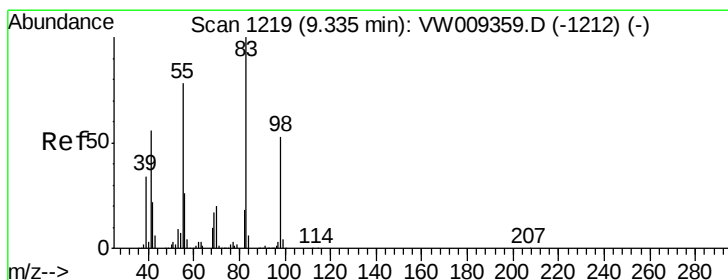
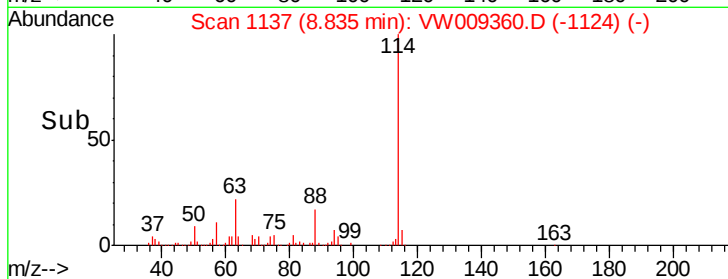
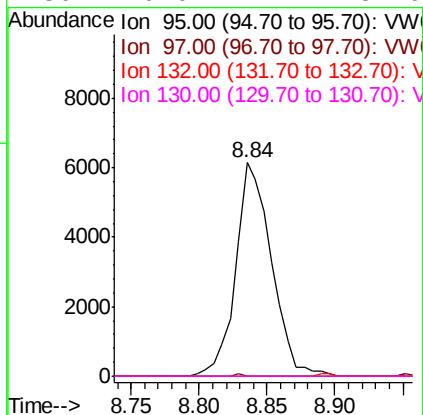
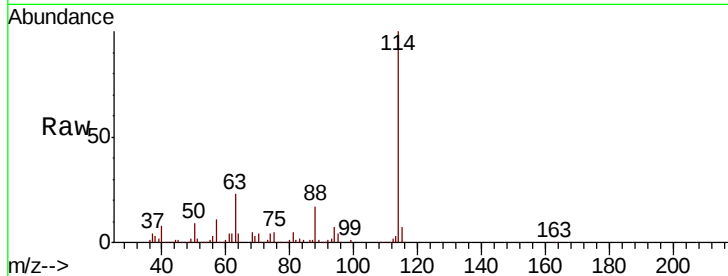




#35
 Trichloroethene
 Concen: 2.230 ug/L
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.25 min
 Lab File: VW009360.D
 Acq: 22 Mar 2019 22:54

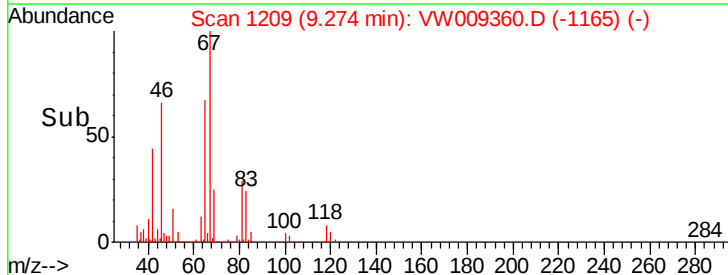
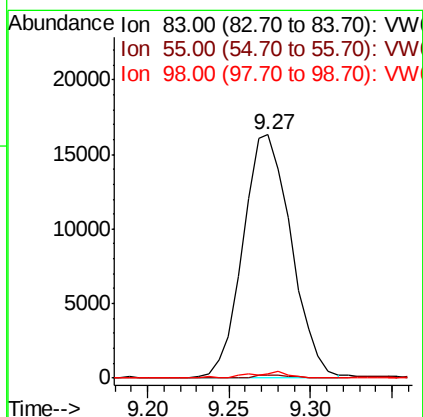
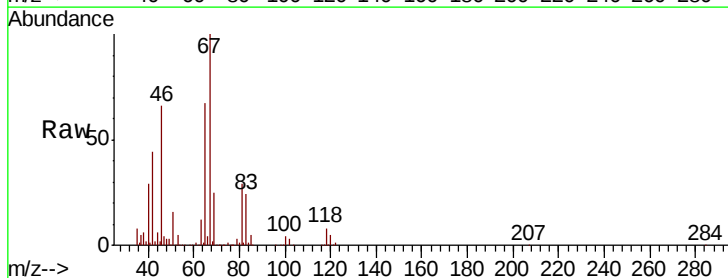
Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK09

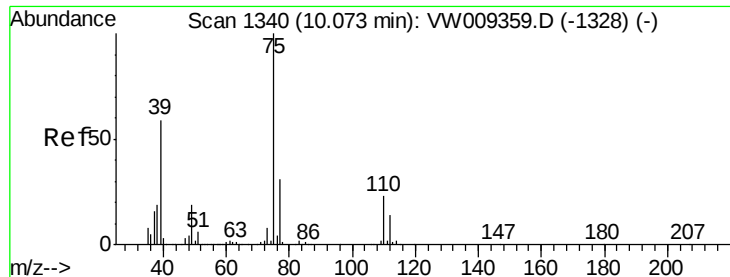
Tgt Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.7	82.9#
132	0.4	69.0	128.2#
130	0.0	72.7	134.9#



#36
 Methylcyclohexane
 Concen: 3.823 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW009360.D
 Acq: 22 Mar 2019 22:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.9	63.5	95.3#
98	1.2	39.8	59.8#





#42

cis-1,3-Dichloropropene

Concen: 0.625 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009360.D

Acq: 22 Mar 2019 22:54

Instrument :

MSVOA_W

ClientSampleId :

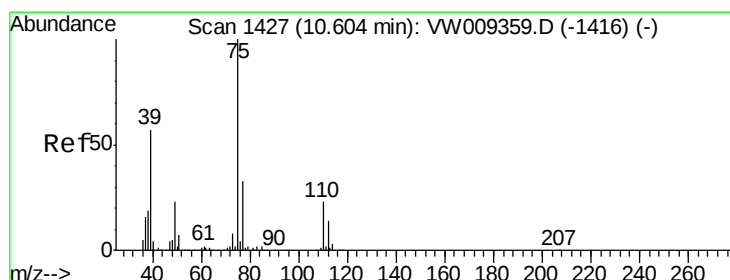
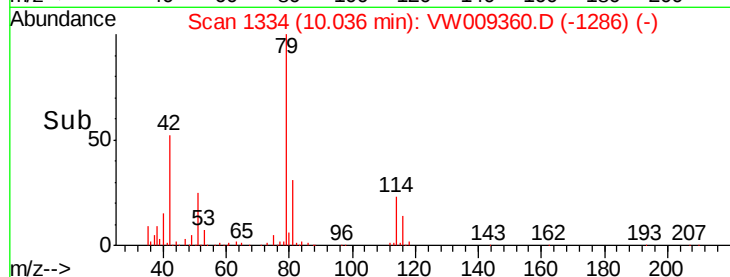
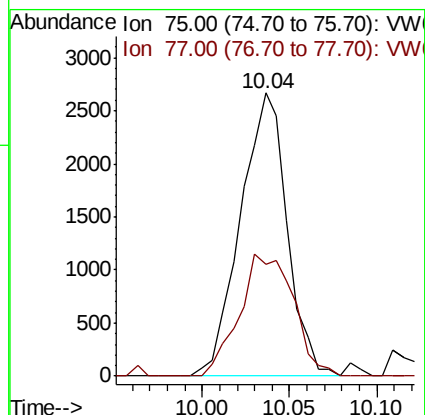
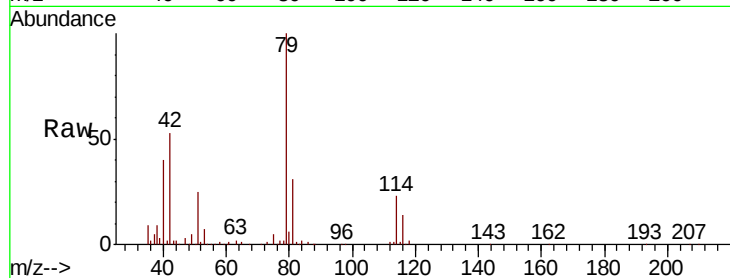
VBLK09

Tgt Ion: 75 Resp: 4968

Ion Ratio Lower Upper

75 100

77 39.6 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.513 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009360.D

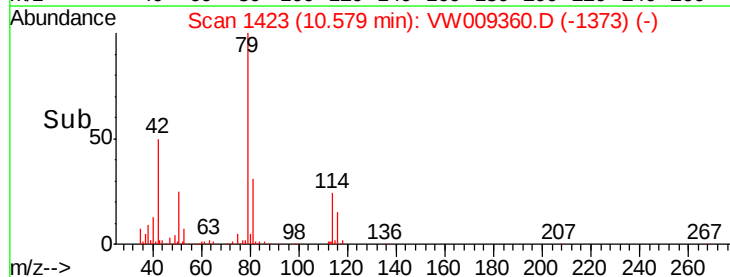
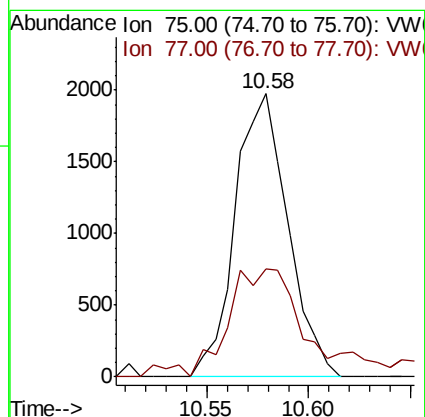
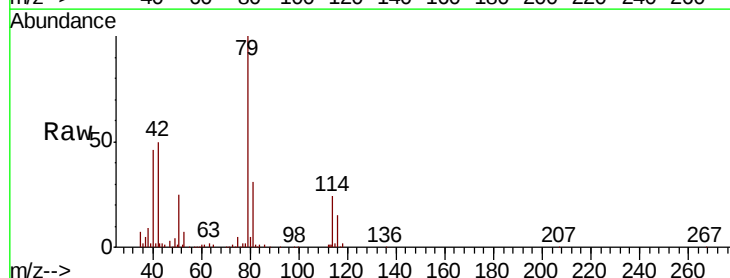
Acq: 22 Mar 2019 22:54

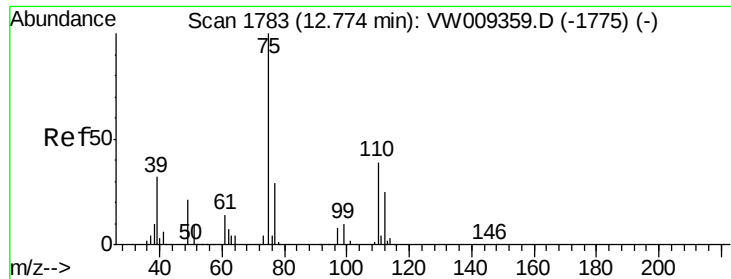
Tgt Ion: 75 Resp: 3546

Ion Ratio Lower Upper

75 100

77 38.0 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 5.556 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009360.D

Acq: 22 Mar 2019 22:54

Instrument :

MSVOA_W

ClientSampleId :

VBLK09

Tgt Ion: 75 Resp: 21667

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2

