

Data File : VW009640.D
Acq On : 01 Apr 2019 22:54
Operator : SY/VA
Sample : K2119-11
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5A5

Quant Time: Apr 02 01:39:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	192343	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	197855	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85383	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	58497	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.80%
7) Chloroethane-d5	2.89	69	57776	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
10) 1,1-Dichloroethene-d2	4.00	63	95188	19.16	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.64%
20) 2-Butanone-d5	7.07	46	49754	52.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.68%
24) Chloroform-d	7.65	84	138373	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	8.30	65	92389	29.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.88%
29) Benzene-d6	8.27	84	235062	21.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.16%
33) 1,2-Dichloropropane-d6	9.27	67	81008	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.88%
37) Toluene-d8	10.32	98	196810	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.04%
38) trans-1,3-Dichloropropene-	10.57	79	34065	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.80%
39) 2-Hexanone-d5	10.93	63	33611	42.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87665	27.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	83301	25.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.76%

Target Compounds

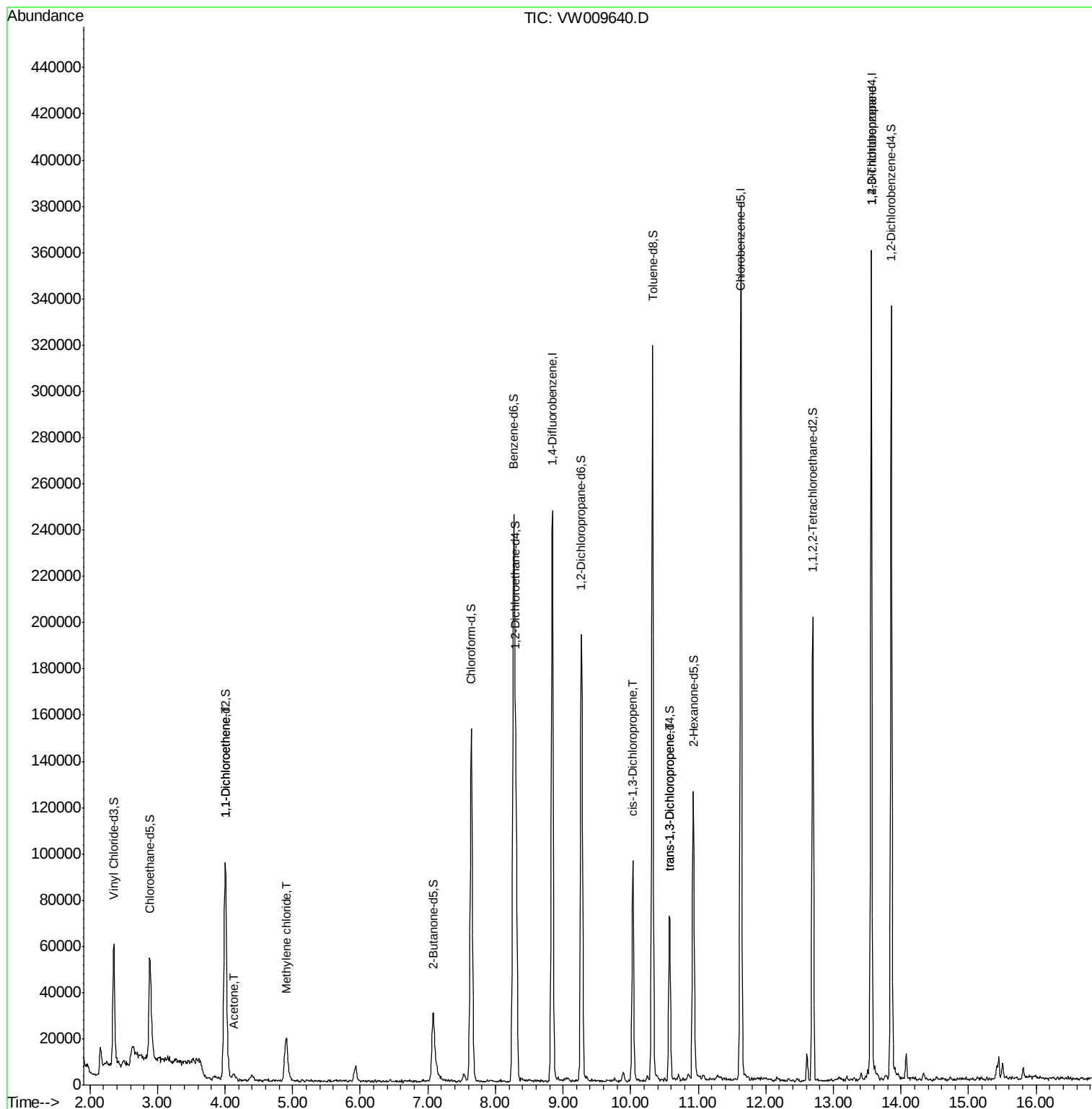
					Qvalue
12) 1,1-Dichloroethene	4.01	96	1029	0.434 ug/L #	1
13) Acetone	4.13	43	3028	3.884 ug/L	99
16) Methylene chloride	4.90	84	12877	4.591 ug/L	86
42) cis-1,3-Dichloropropene	10.04	75	2952	0.652 ug/L #	80
45) trans-1,3-Dichloropropene	10.57	75	2010	0.511 ug/L	88
59) 1,2,3-Trichloropropane	13.56	75	11560	5.208 ug/L	92

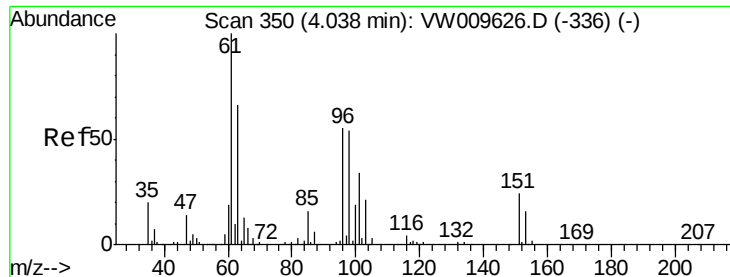
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.434 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.03 min

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Acq: 01 Apr 2019 22:54

Instrument :

MSVOA_W

ClientSampleId :

BF5A5

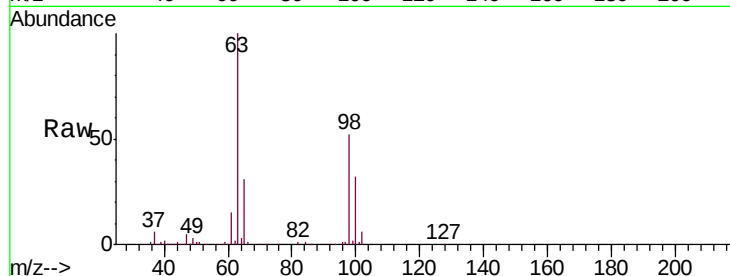
Tgt Ion: 96 Resp: 1029

Ion Ratio Lower Upper

96 100

61 1208.5 129.4 240.2#

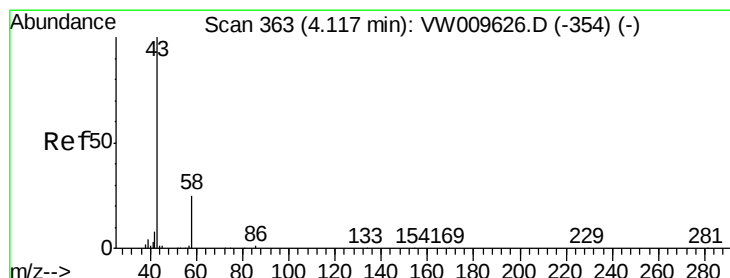
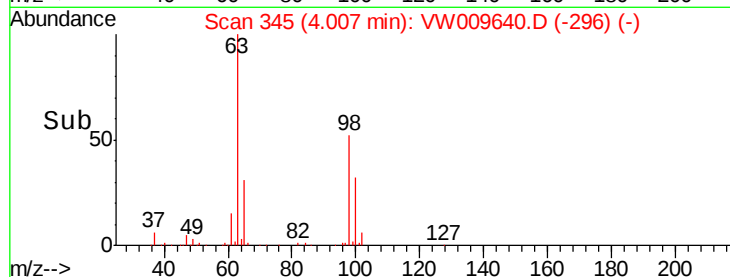
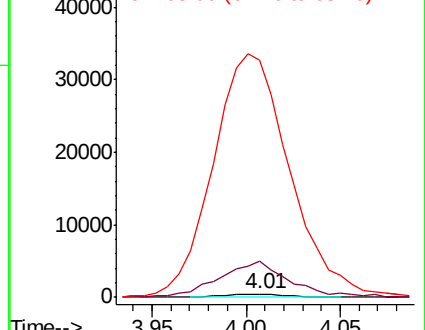
63 7889.9 116.8 217.0#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 3.884 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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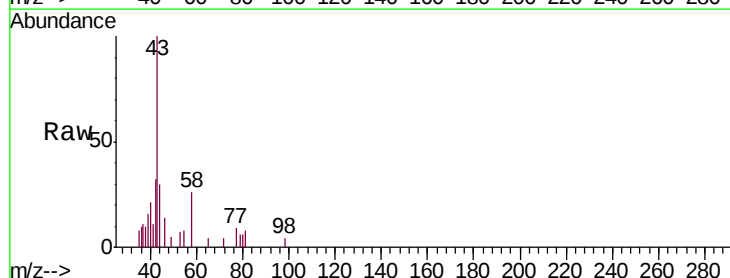
Acq: 01 Apr 2019 22:54

Tgt Ion: 43 Resp: 3028

Ion Ratio Lower Upper

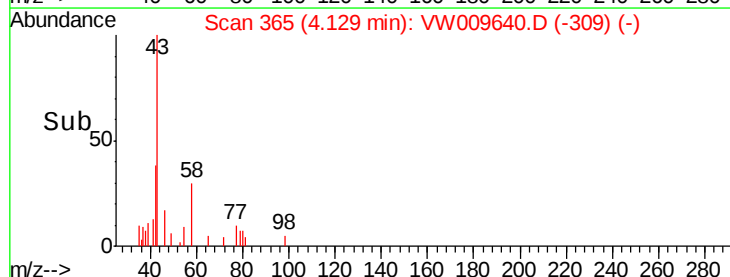
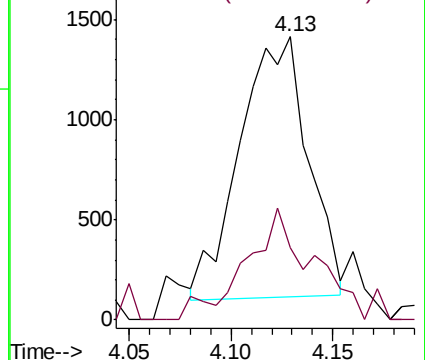
43 100

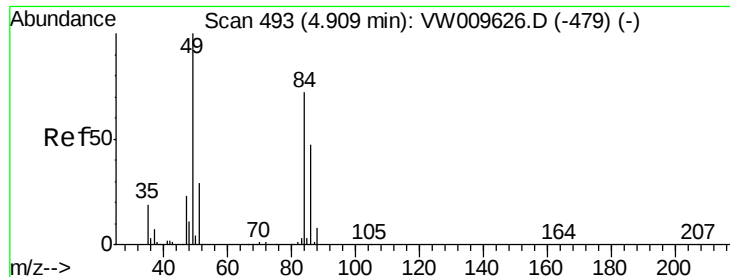
58 27.4 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

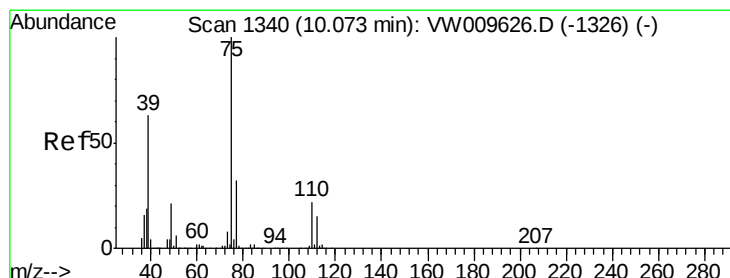
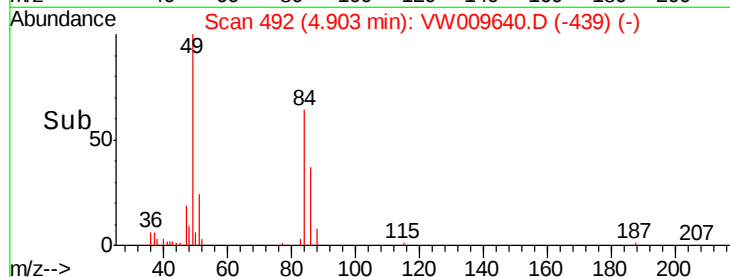
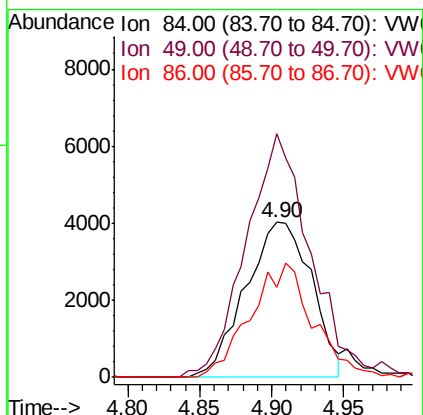
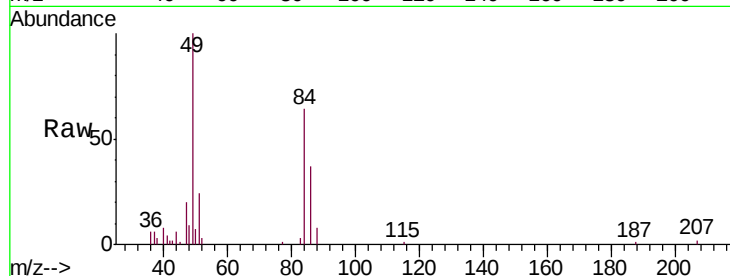




#16
Methylene chloride
Concen: 4.591 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009640.D
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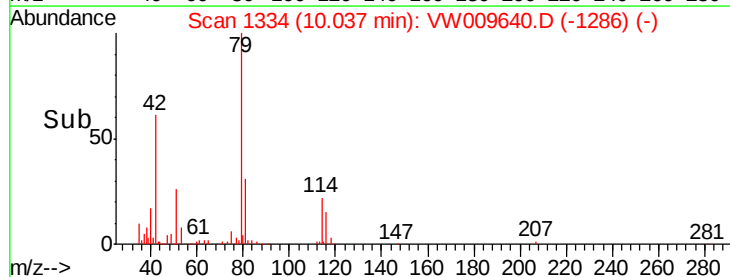
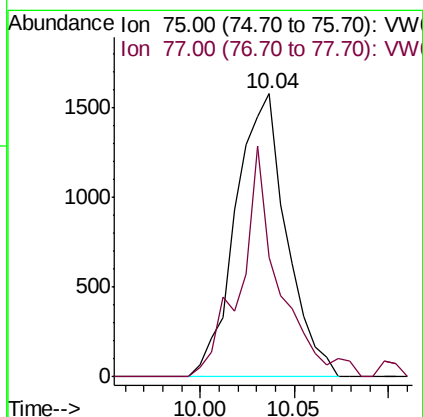
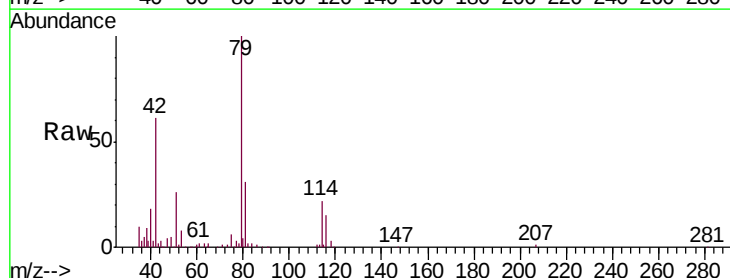
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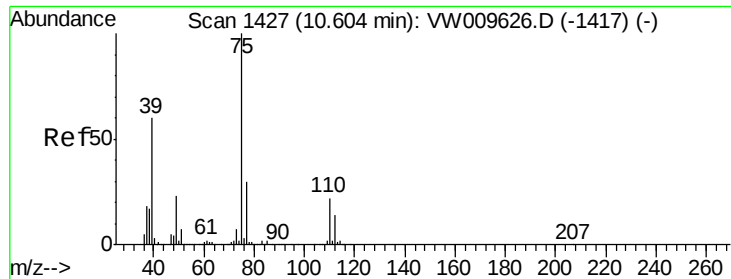
Tgt Ion: 84 Resp: 12877
Ion Ratio Lower Upper
84 100
49 157.4 96.0 178.2
86 58.5 44.4 82.5



#42
cis-1,3-Dichloropropene
Concen: 0.652 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW009640.D
Acq: 01 Apr 2019 22:54

Tgt Ion: 75 Resp: 2952
Ion Ratio Lower Upper
75 100
77 42.1 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009640.D

Acq: 01 Apr 2019 22:54

Instrument :

MSVOA_W

ClientSampleId :

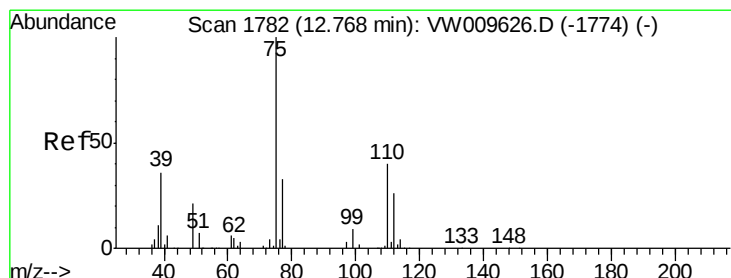
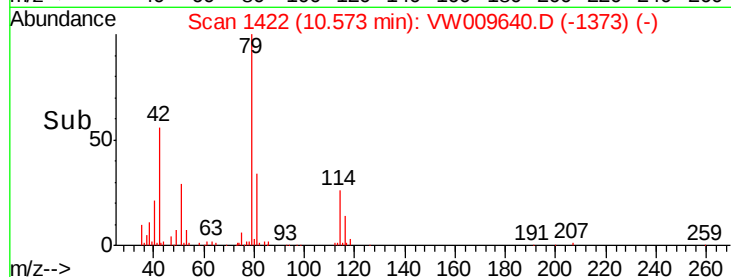
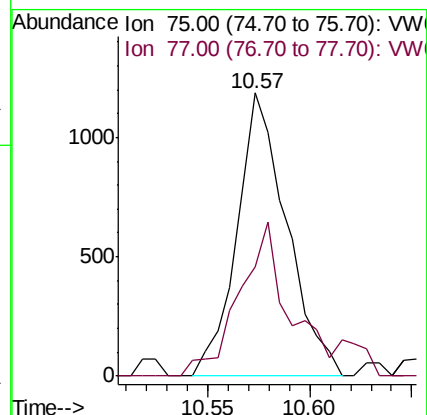
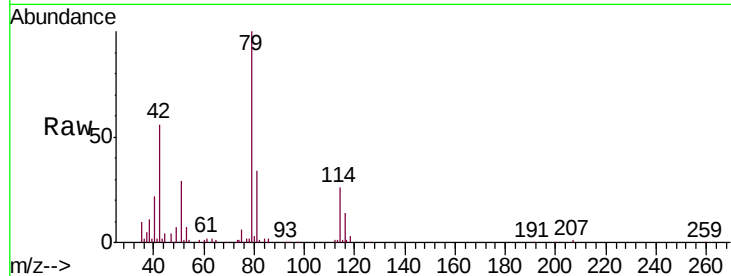
BF5A5

Tgt Ion: 75 Resp: 2010

Ion Ratio Lower Upper

75 100

77 38.7 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 5.208 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009640.D

Acq: 01 Apr 2019 22:54

Tgt Ion: 75 Resp: 11560

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2

