

Data File : VW009552.D
Acq On : 28 Mar 2019 23:01
Operator : SY/VA
Sample : K2120-06
Misc : 3.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5C9

Quant Time: Mar 29 07:44:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	301719	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	213959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	59241	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135542	37.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	150.36%#
7) Chloroethane-d5	2.89	69	126907	30.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.32%
10) 1,1-Dichloroethene-d2	4.01	63	187715	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.36%
20) 2-Butanone-d5	7.07	46	37562	25.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.38%
24) Chloroform-d	7.64	84	230115	27.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	8.30	65	147782	29.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.16%
29) Benzene-d6	8.27	84	424818	36.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.00%#
33) 1,2-Dichloropropane-d6	9.27	67	128821	36.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.40%#
37) Toluene-d8	10.32	98	309945	28.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.64%
38) trans-1,3-Dichloropropene-	10.58	79	36365	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.72%
39) 2-Hexanone-d5	10.93	63	22307	25.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82683	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	52400	23.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.28%

Target Compounds

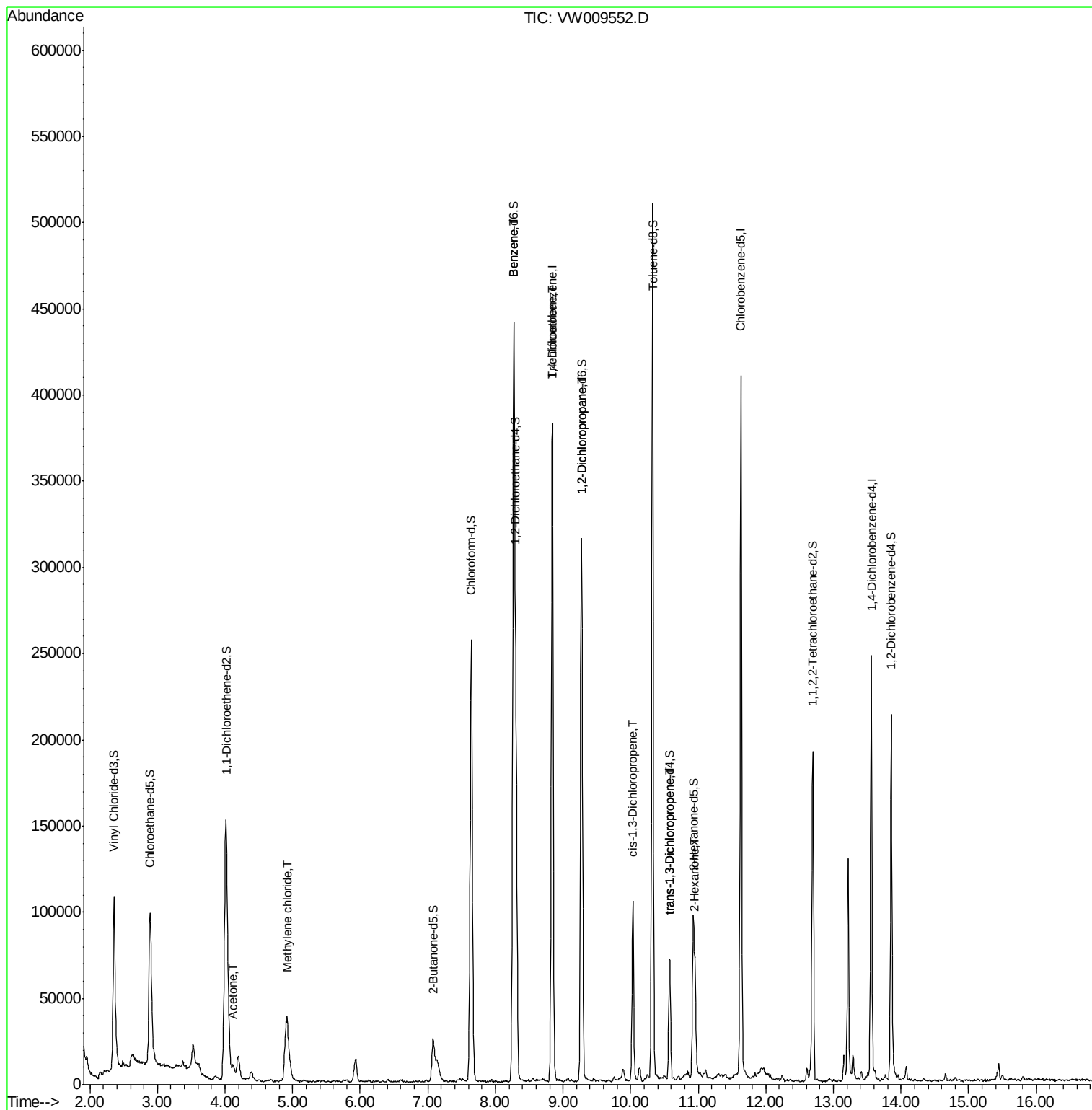
						Qvalue
13) Acetone	4.11	43	12121	9.913	ug/L	73
16) Methylene chloride	4.92	84	31863	7.242	ug/L	95
34) Benzene	8.27	78	3685	0.315	ug/L	100
35) Trichloroethene	8.84	95	9398	3.012	ug/L #	4
40) 1,2-Dichloropropane	9.27	63	16954	5.642	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2768	0.566	ug/L #	74
45) trans-1,3-Dichloropropene	10.57	75	2173	0.510	ug/L #	61
49) 2-Hexanone	10.95	43	37110	19.349	ug/L #	49

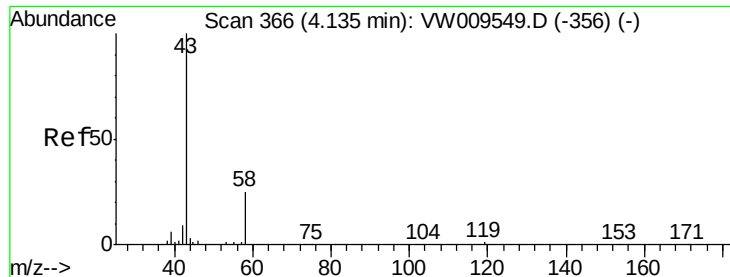
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.913 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

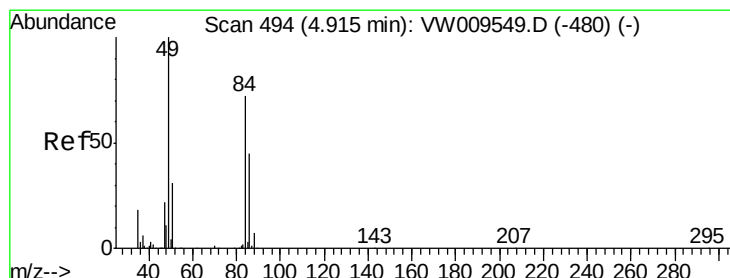
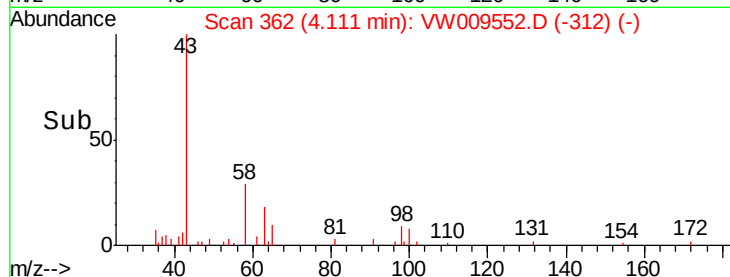
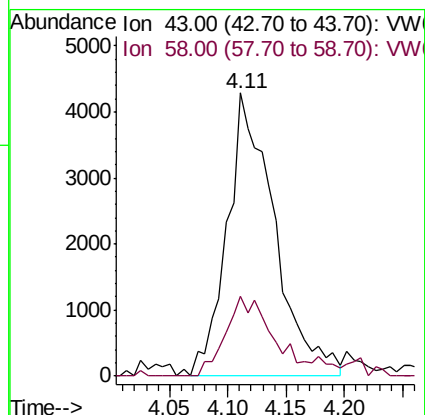
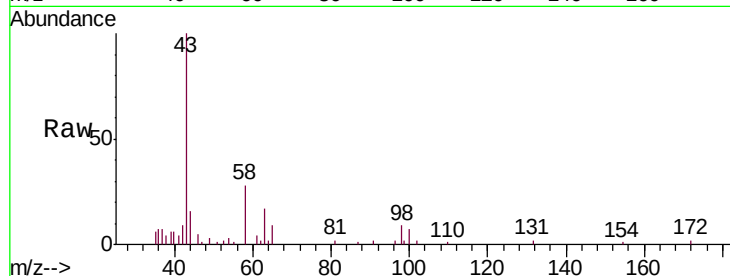
BF5C9

Tgt Ion: 43 Resp: 12121

Ion Ratio Lower Upper

43 100

58 14.0 0.0 56.2



#16

Methylene chloride

Concen: 7.242 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009552.D

Acq: 28 Mar 2019 23:01

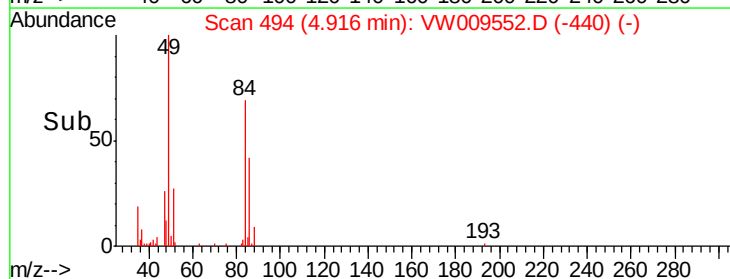
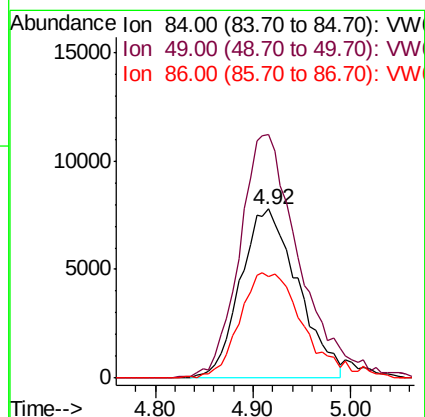
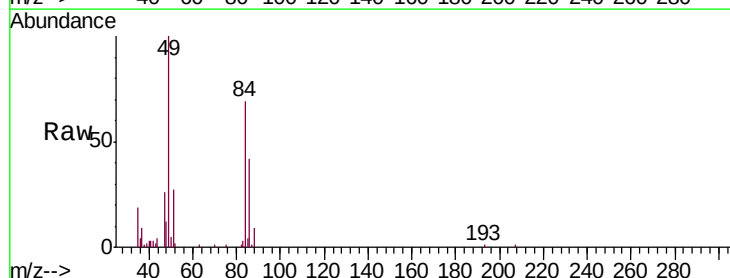
Tgt Ion: 84 Resp: 31863

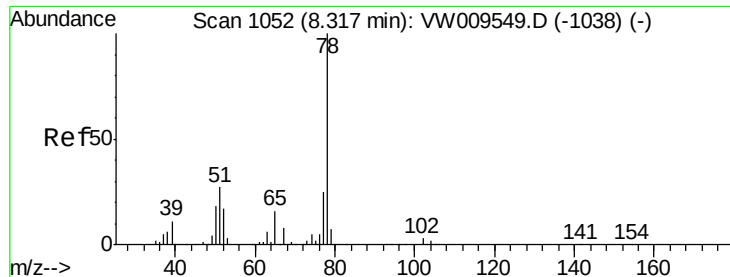
Ion Ratio Lower Upper

84 100

49 144.1 96.0 178.2

86 60.2 44.4 82.5





#34

Benzene

Concen: 0.315 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.05 min

Lab File: VW009552.D

Acq: 28 Mar 2019 23:01

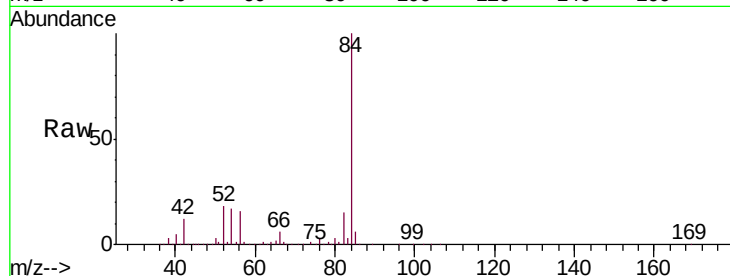
Instrument :

MSVOA_W

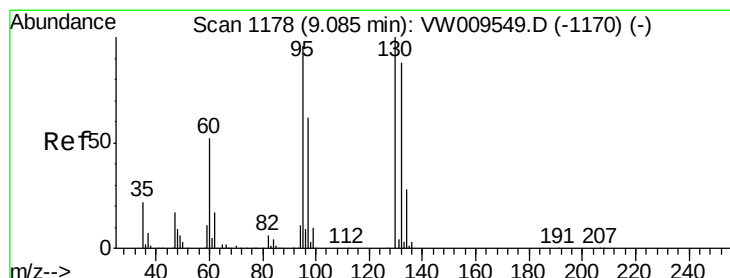
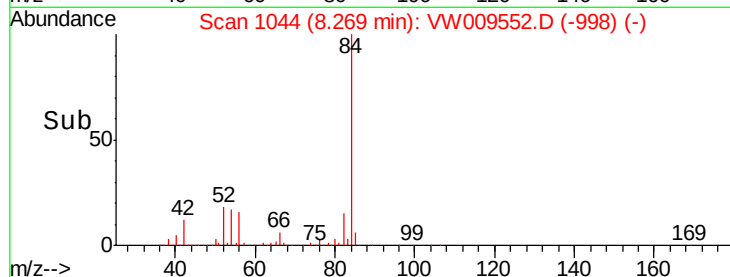
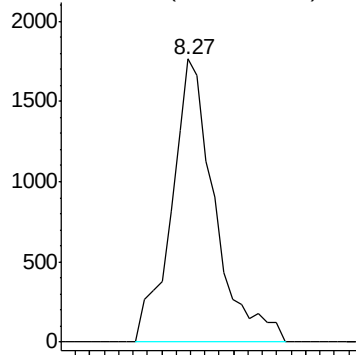
ClientSampleId :

BF5C9

Tgt Ion: 78 Resp: 3685



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 3.012 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009552.D

Acq: 28 Mar 2019 23:01

Tgt Ion: 95 Resp: 9398

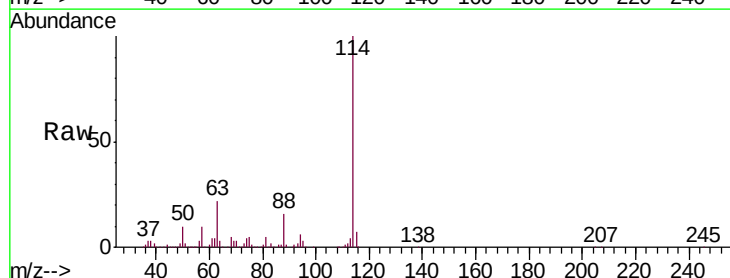
Ion Ratio Lower Upper

95 100

97 0.4 44.7 82.9#

132 1.0 69.0 128.2#

130 0.0 72.7 134.9#

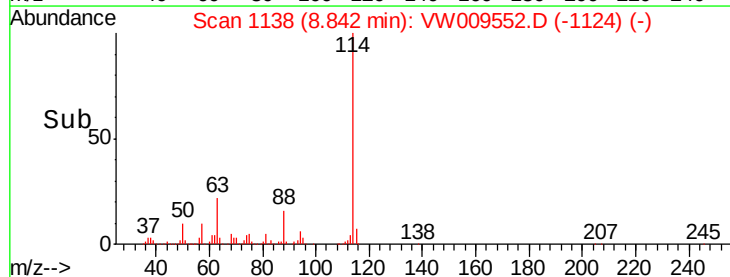
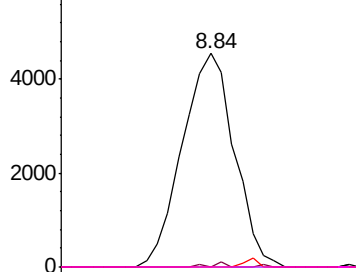


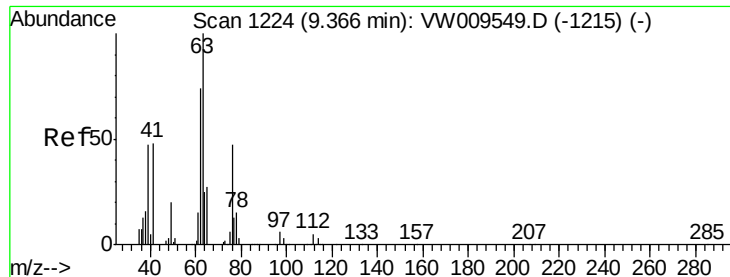
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 5.642 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW009552.D

Acq: 28 Mar 2019 23:01

Instrument :

MSVOA_W

ClientSampleId :

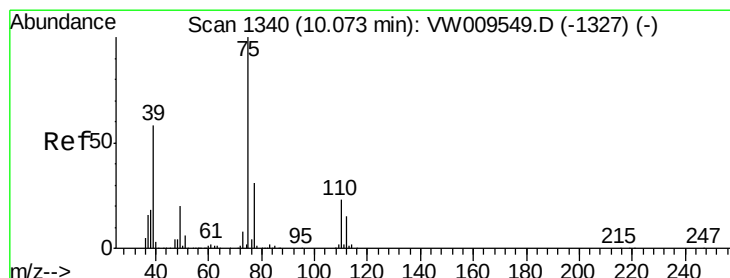
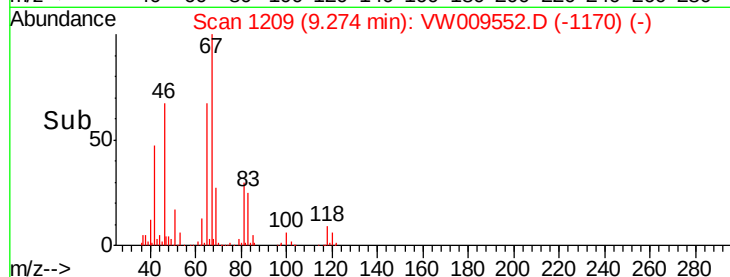
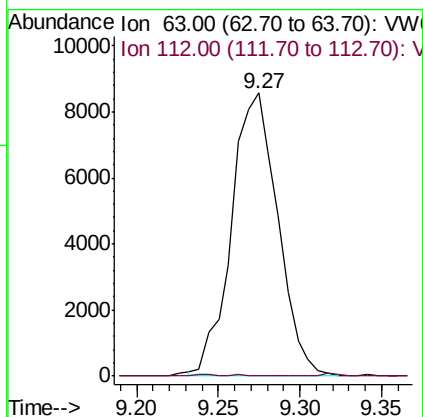
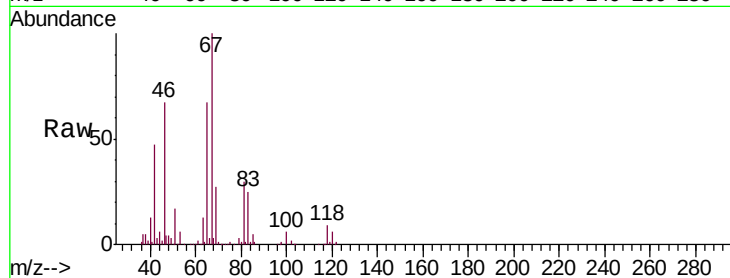
BF5C9

Tgt Ion: 63 Resp: 16954

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#



#42

cis-1,3-Dichloropropene

Concen: 0.566 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009552.D

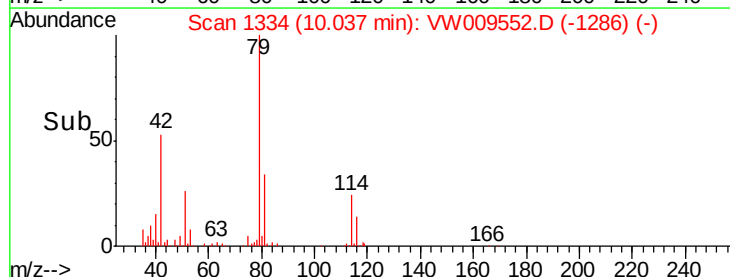
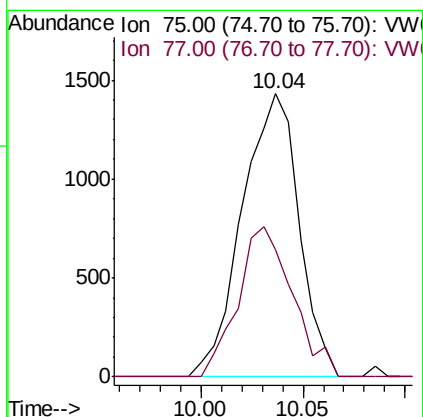
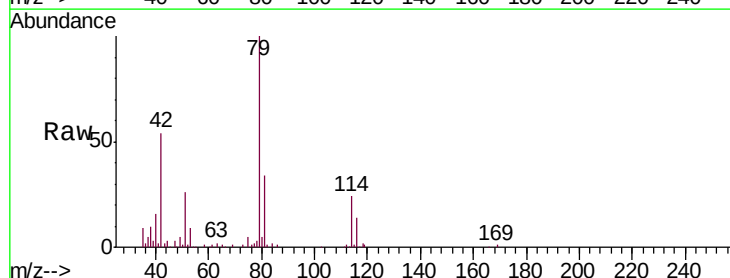
Acq: 28 Mar 2019 23:01

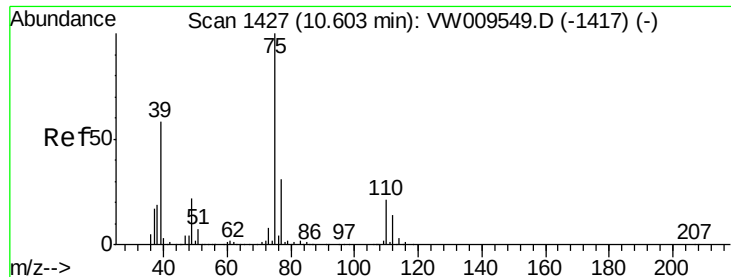
Tgt Ion: 75 Resp: 2768

Ion Ratio Lower Upper

75 100

77 45.0 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009552.D

Acq: 28 Mar 2019 23:01

Instrument :

MSVOA_W

ClientSampleId :

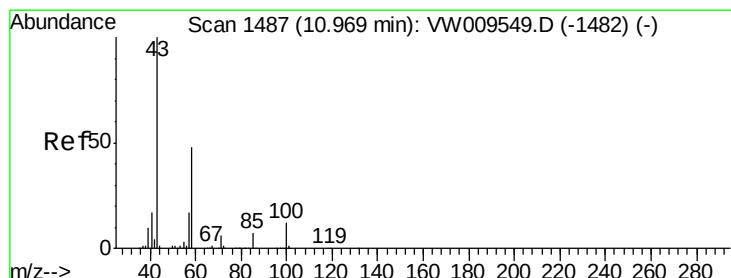
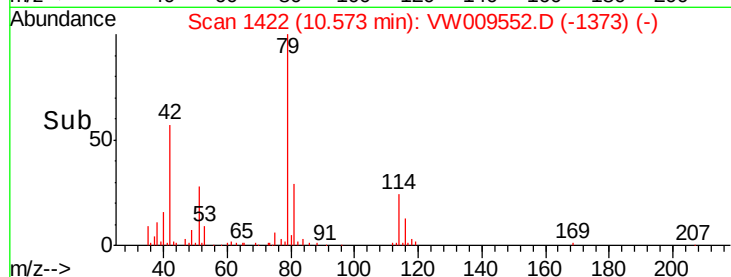
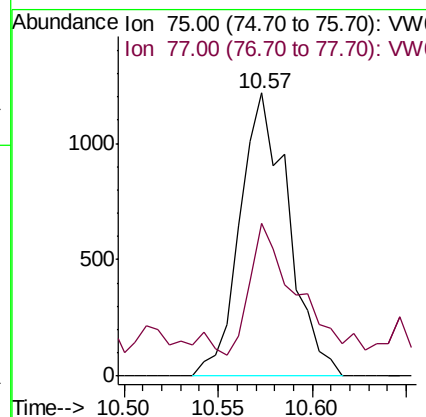
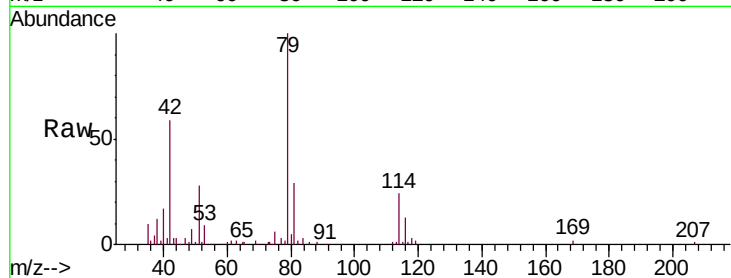
BF5C9

Tgt Ion: 75 Resp: 2173

Ion Ratio Lower Upper

75 100

77 53.8 22.5 41.7#



#49

2-Hexanone

Concen: 19.349 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009552.D

Acq: 28 Mar 2019 23:01

Tgt Ion: 43 Resp: 37110

Ion Ratio Lower Upper

43 100

58 6.8 39.2 58.8#

57 1.6 14.2 21.2#

100 1.2 8.9 13.3#

