

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081120\
 Data File : VW016136.D
 Acq On : 11 Aug 2020 15:12
 Operator : SY/VA
 Sample : L3599-05
 Misc : 6.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY89

Quant Time: Aug 11 16:10:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	401634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	86225	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105291	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.56%
7) Chloroethane-d5	2.89	69	89918	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.16%
10) 1,1-Dichloroethene-d2	4.01	63	180942	17.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.44%
20) 2-Butanone-d5	7.09	46	80160	61.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.36%
24) Chloroform-d	7.65	84	245721	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.30	65	143465	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.27	84	473180	27.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.08%
33) 1,2-Dichloropropane-d6	9.27	67	141426	27.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.84%
37) Toluene-d8	10.33	98	400744	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.72%
38) trans-1,3-Dichloropropene-	10.58	79	55005	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.93	63	57315	65.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117365	28.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	84137	27.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.12%

Target Compounds

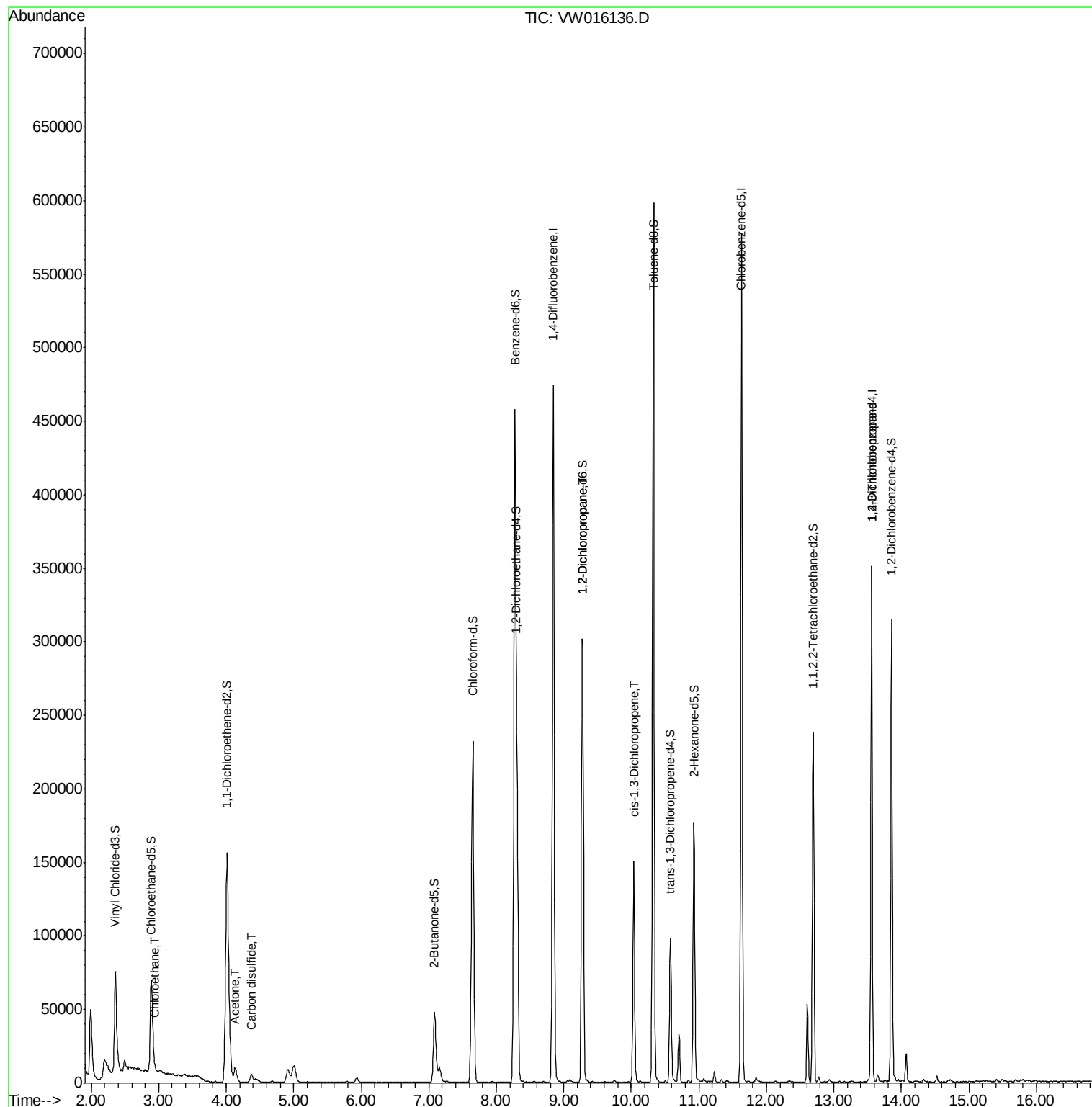
					Qvalue
8) Chloroethane	2.95	64	1415	0.470 ug/L #	53
13) Acetone	4.14	43	15842	15.982 ug/L	82
14) Carbon disulfide	4.37	76	13314	0.823 ug/L #	92
40) 1,2-Dichloropropane	9.27	63	16625	3.680 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3780	0.549 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	11110	3.534 ug/L	90

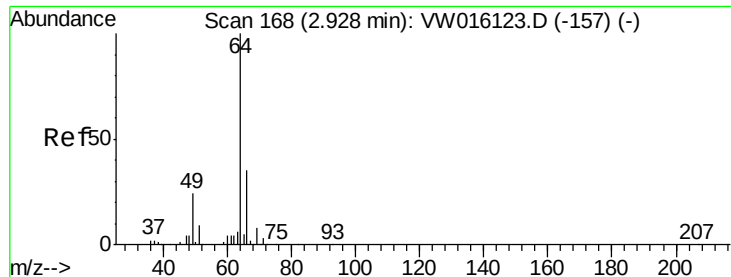
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.470 ug/L

RT: 2.95 min Scan# 171

Delta R.T. 0.02 min

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MSVOA_W

ClientSampleId :

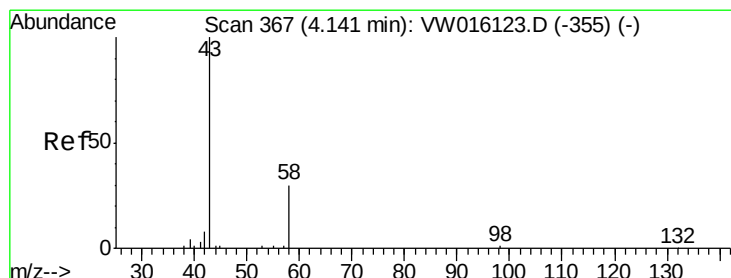
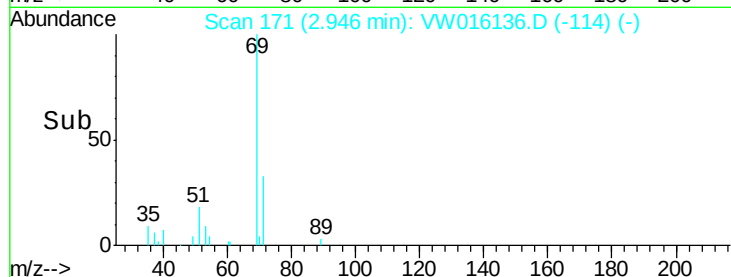
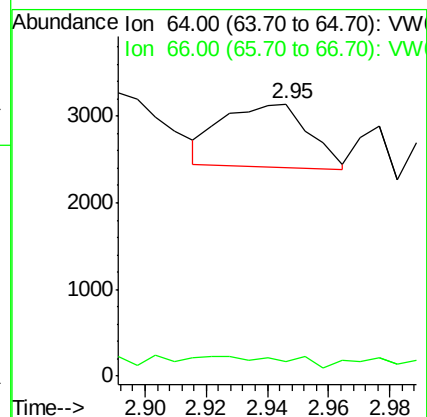
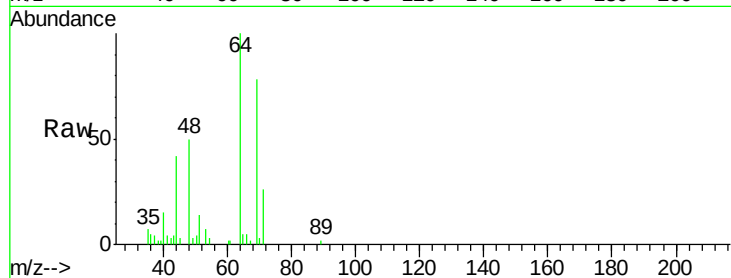
GAY89

Tgt Ion: 64 Resp: 1415

Ion Ratio Lower Upper

64 100

66 5.2 21.8 40.4#



#13

Acetone

Concen: 15.982 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016136.D

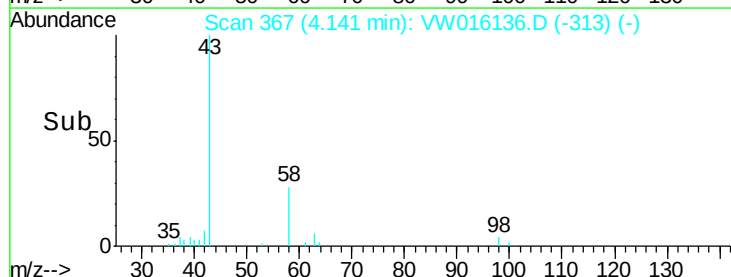
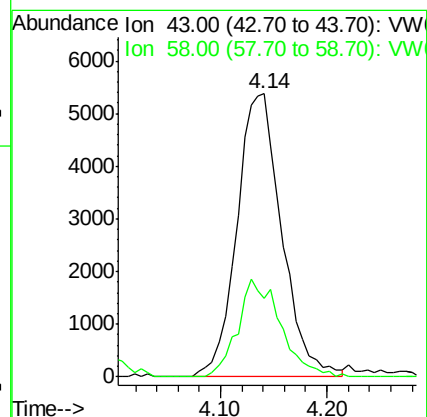
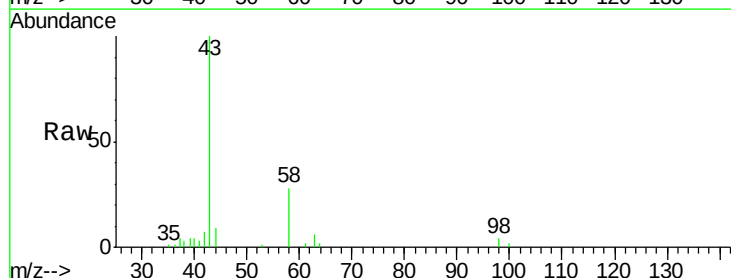
Acq: 11 Aug 2020 15:12

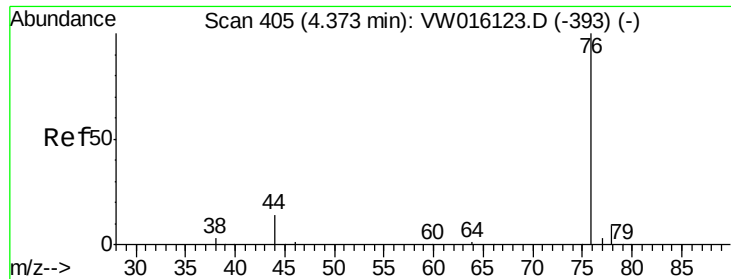
Tgt Ion: 43 Resp: 15842

Ion Ratio Lower Upper

43 100

58 20.3 0.0 59.4





#14

Carbon disulfide

Concen: 0.823 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

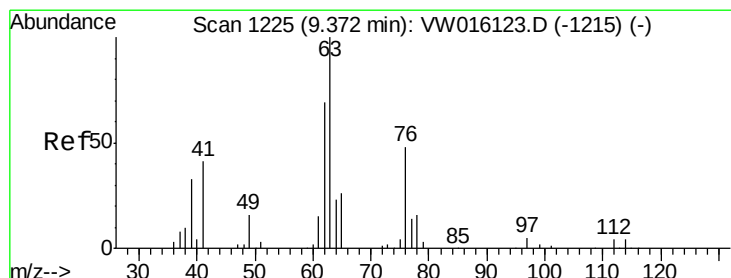
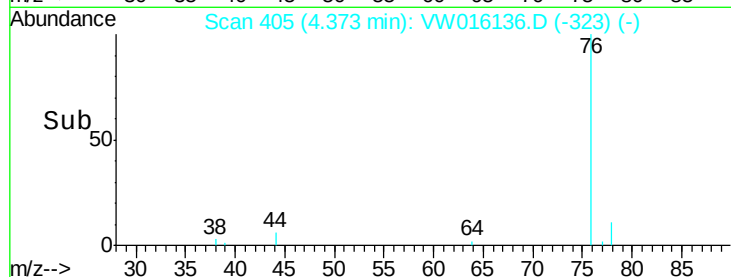
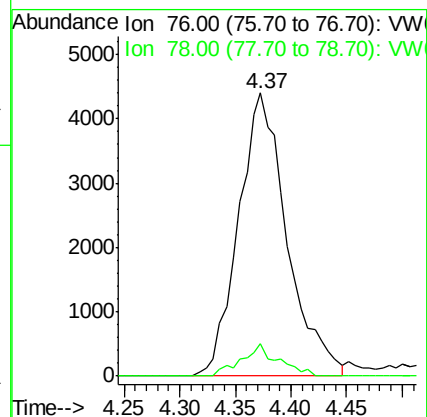
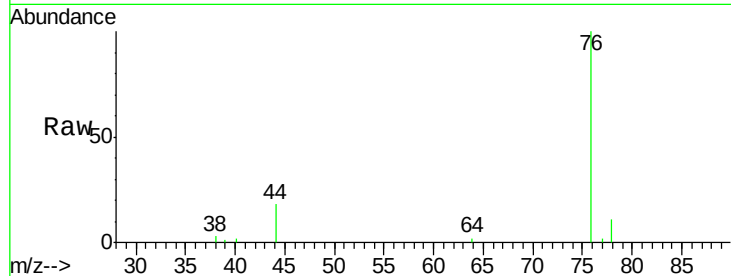
GAY89

Tgt Ion: 76 Resp: 13314

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.4#



#40

1,2-Dichloropropane

Concen: 3.680 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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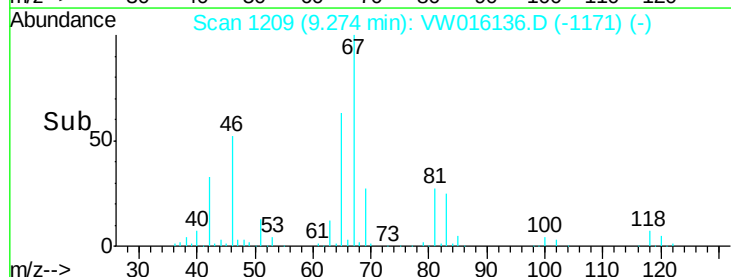
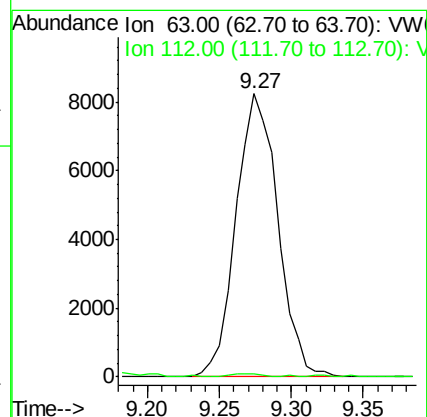
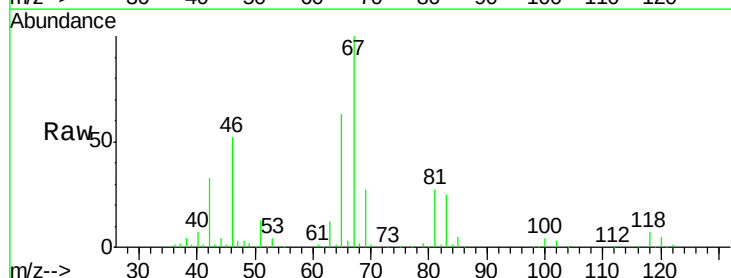
Acq: 11 Aug 2020 15:12

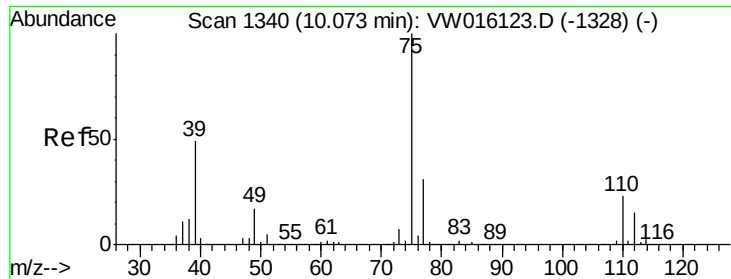
Tgt Ion: 63 Resp: 16625

Ion Ratio Lower Upper

63 100

112 0.8 4.0 6.0#

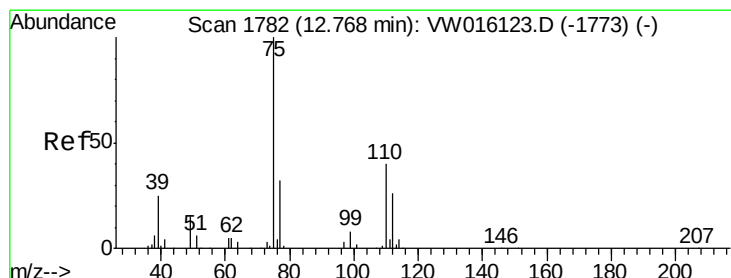
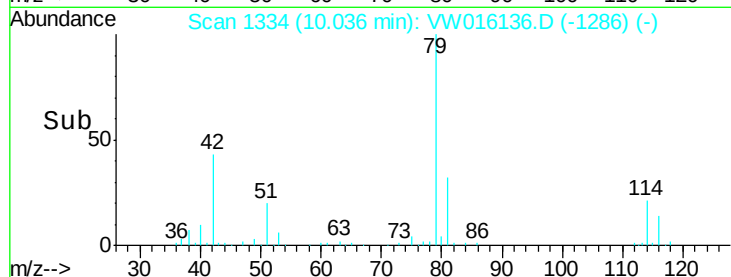
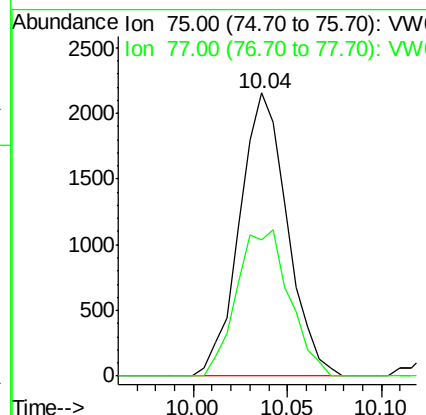
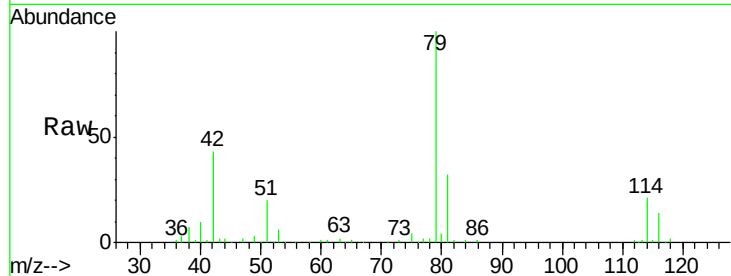




#42
 cis-1,3-Dichloropropene
 Concen: 0.549 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016136.D
 Acq: 11 Aug 2020 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY89

Tgt Ion: 75 Resp: 3780
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.9 42.5#



#59
 1,2,3-Trichloropropane
 Concen: 3.534 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016136.D
 Acq: 11 Aug 2020 15:12

Tgt Ion: 75 Resp: 11110
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.9 38.9

