

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120219\
 Data File : VW014201.D
 Acq On : 02 Dec 2019 14:08
 Operator : SY/VA
 Sample : K6089-11RE
 Misc : 4.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 02 16:04:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 16:00:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	239361	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199596	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	68923	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57423	15.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.16%
7) Chloroethane-d5	2.89	69	65955	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.20%
10) 1,1-Dichloroethene-d2	4.01	63	100314	12.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.20%
20) 2-Butanone-d5	7.07	46	73926	66.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.26%
24) Chloroform-d	7.65	84	196068	26.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.56%
26) 1,2-Dichloroethane-d4	8.30	65	109656	29.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.56%
29) Benzene-d6	8.27	84	368151	26.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.00%
33) 1,2-Dichloropropane-d6	9.27	67	128023	30.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.44%#
37) Toluene-d8	10.32	98	293234	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.32%
38) trans-1,3-Dichloropropene-	10.58	79	40208	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.52%
39) 2-Hexanone-d5	10.92	63	54256	68.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.94%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110771	35.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	141.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	75003	27.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.36%

Target Compounds

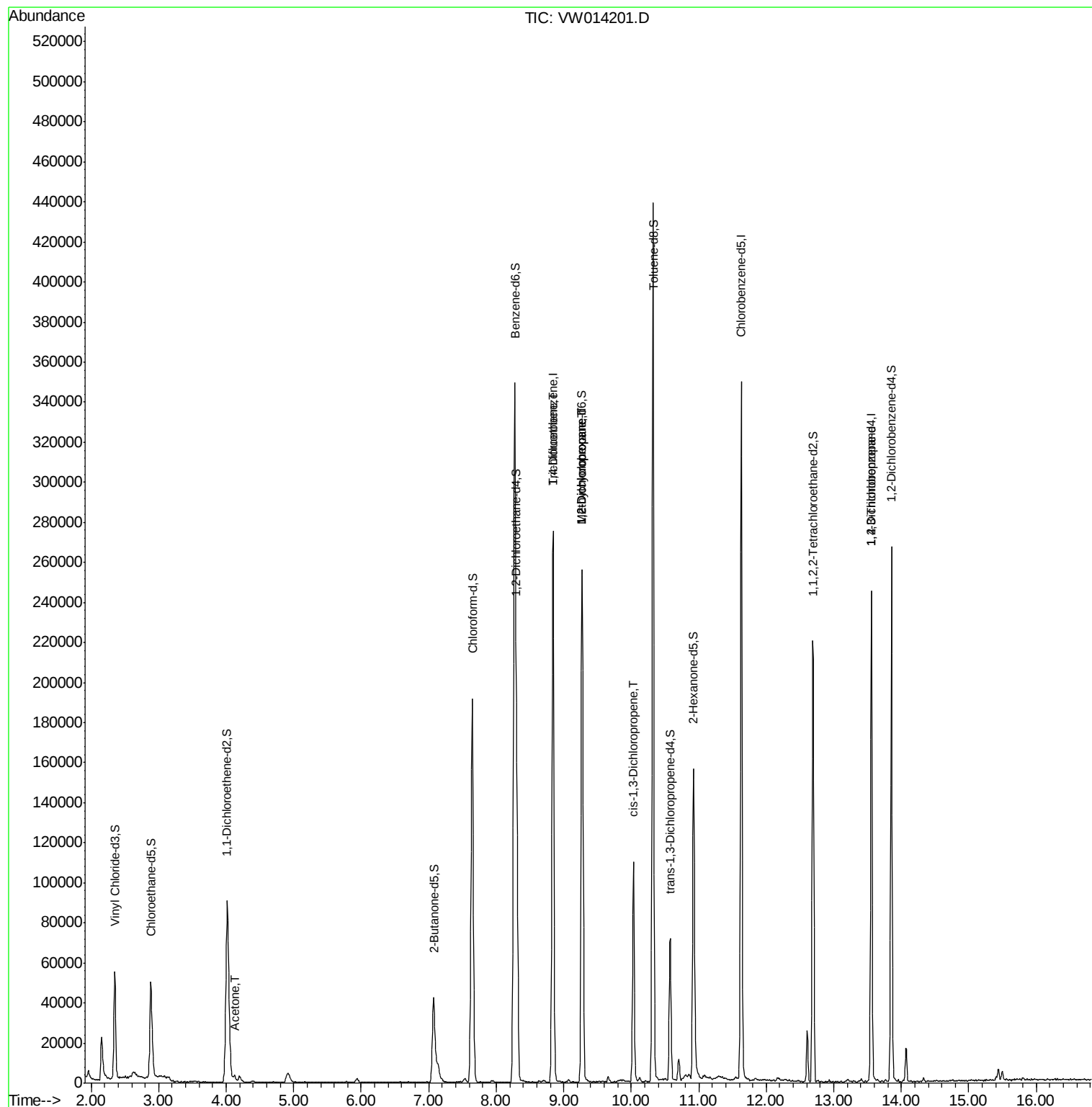
					Ovalue
13) Acetone	4.12	43	5583	4.945 ug/L	97
35) Trichloroethene	8.84	95	6819	1.746 ug/L #	2
36) Methylcyclohexane	9.27	83	29978	4.281 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	13628	3.867 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2335	0.420 ug/L #	39
59) 1,2,3-Trichloropropane	13.55	75	7459	3.280 ug/L	93

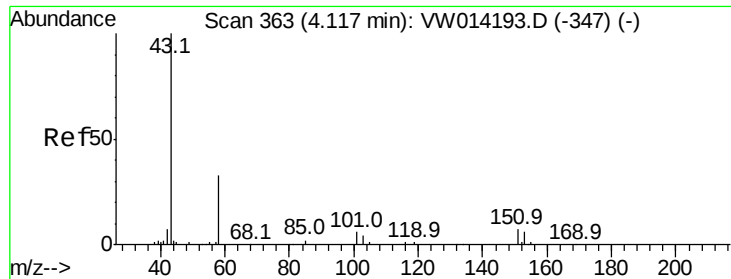
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 02 16:00:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.945 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014201.D

Acq: 02 Dec 2019 14:08

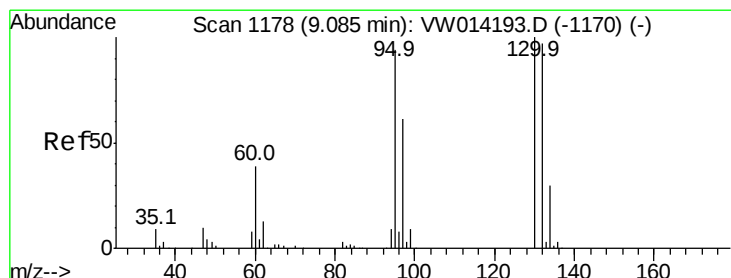
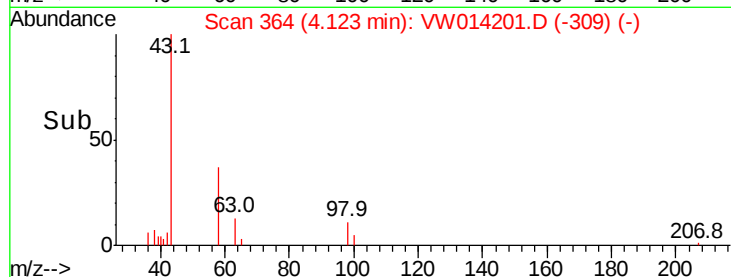
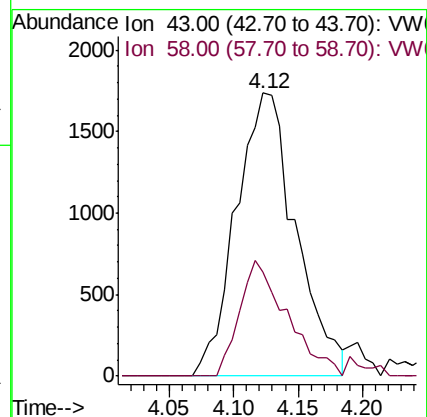
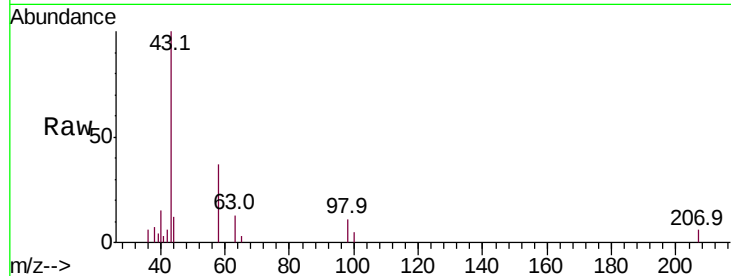
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 5583

Ion Ratio Lower Upper

43 100

58 31.3 0.0 65.4



#35

Trichloroethene

Concen: 1.746 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW014201.D

Acq: 02 Dec 2019 14:08

Tgt Ion: 95 Resp: 6819

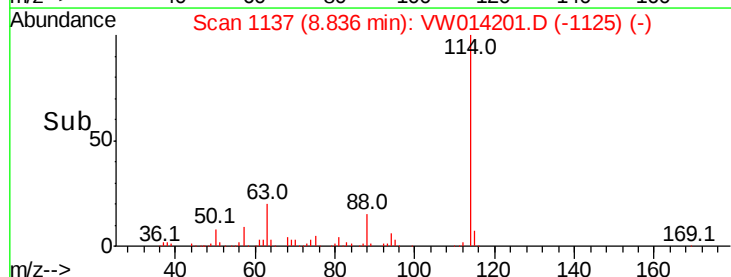
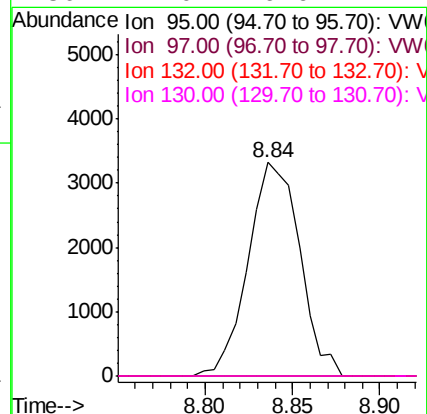
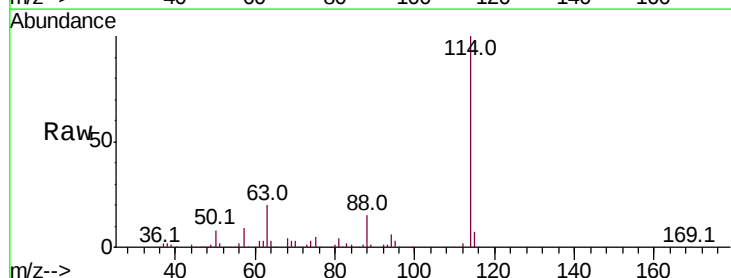
Ion Ratio Lower Upper

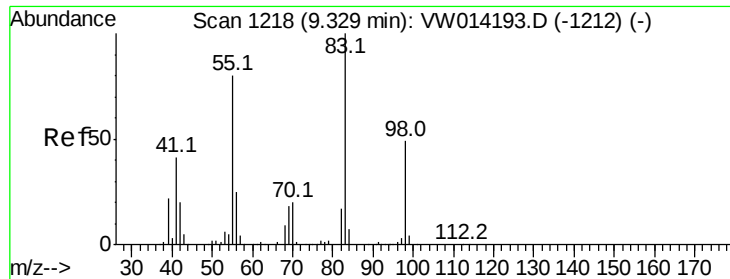
95 100

97 0.6 45.1 83.9#

132 0.0 73.7 136.9#

130 1.0 76.6 142.2#

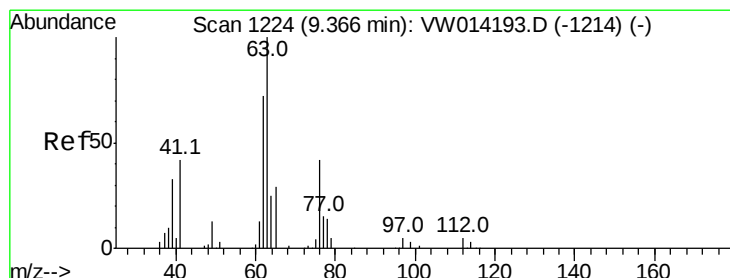
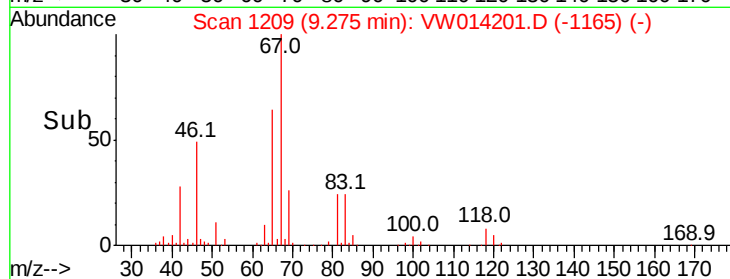
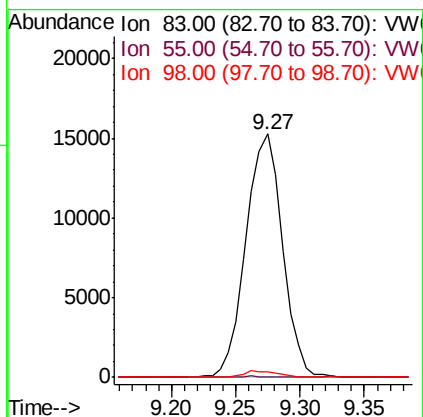
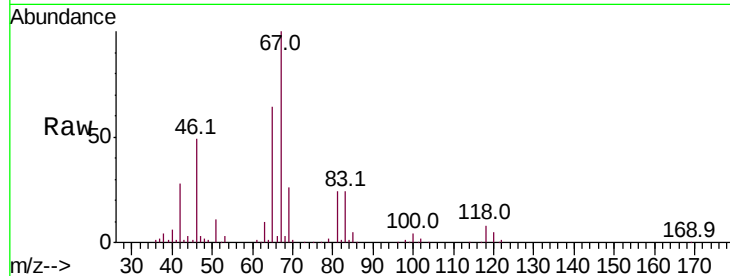




#36
Methylcyclohexane
Concen: 4.281 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW014201.D
Acq: 02 Dec 2019 14:08

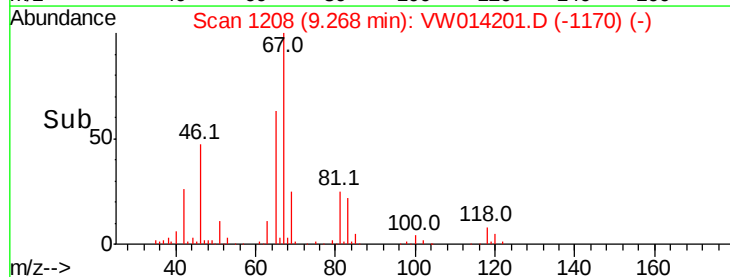
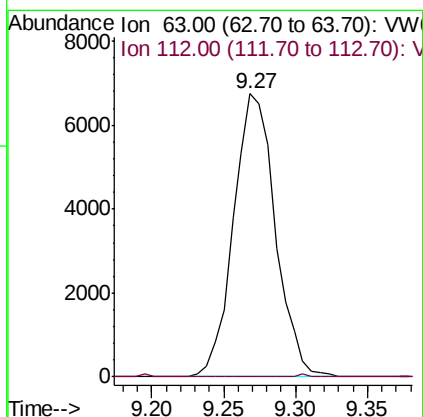
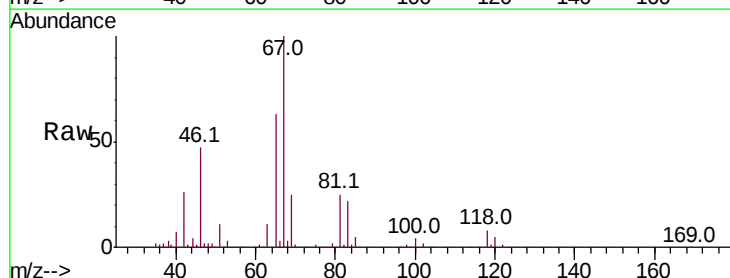
Instrument :
MSVOA_W
ClientSampled :

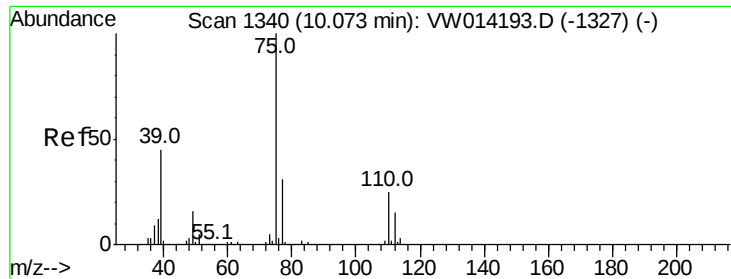
Tot Ion: 83 Resp: 29978
Ion Ratio Lower Upper
83 100
55 0.2 59.8 89.8#
98 2.3 39.5 59.3#



#40
1,2-Dichloropropane
Concen: 3.867 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW014201.D
Acq: 02 Dec 2019 14:08

Tgt Ion: 63 Resp: 13628
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.420 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014201.D

Acq: 02 Dec 2019 14:08

Instrument :

MSVOA_W

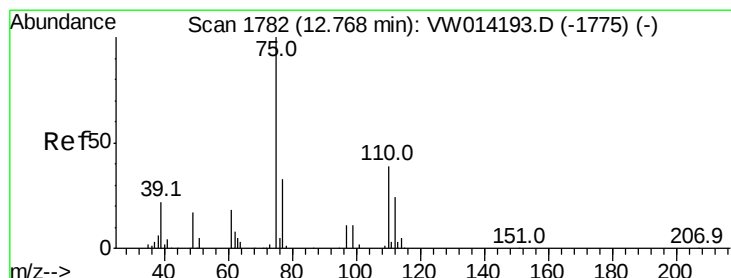
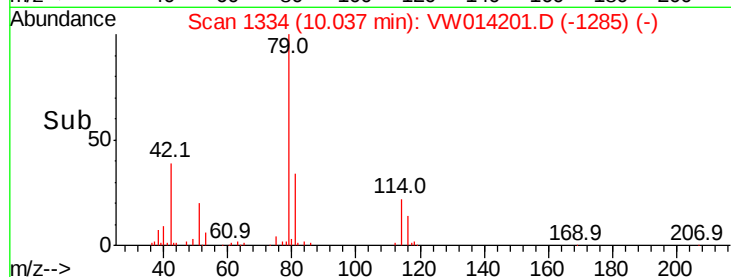
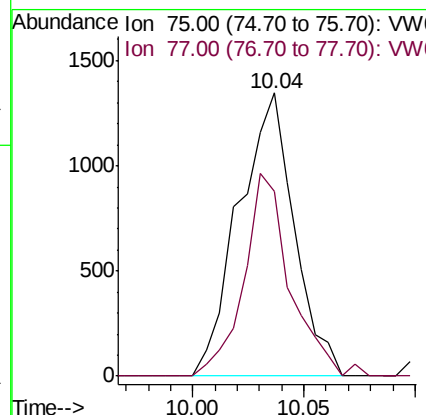
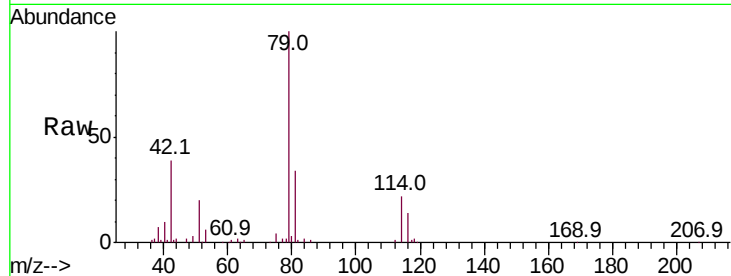
ClientSampleId :

Tot Ion: 75 Resp: 2335

Ion Ratio Lower Upper

75 100

77 65.4 22.1 41.1#



#59

1,2,3-Trichloropropane

Concen: 3.280 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014201.D

Acq: 02 Dec 2019 14:08

Tgt Ion: 75 Resp: 7459

Ion Ratio Lower Upper

75 100

77 36.1 25.9 38.9

