

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013869.D
 Acq On : 31 Oct 2019 20:23
 Operator : SY/VA
 Sample : K5596-15
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:14:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	255850	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	234906	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80775	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
7) Chloroethane-d5	2.89	69	64651	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
10) 1,1-Dichloroethene-d2	4.02	63	122227	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.08	46	89326	65.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.50%
24) Chloroform-d	7.65	84	181727	23.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	8.31	65	109770	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.12%
29) Benzene-d6	8.27	84	369318	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.27	67	119736	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.00%
37) Toluene-d8	10.32	98	321595	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.58	79	47992	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.00%
39) 2-Hexanone-d5	10.92	63	72994	69.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127288	30.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.80%#
61) 1,2-Dichlorobenzene-d4	13.85	152	92012	24.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.36%

Target Compounds

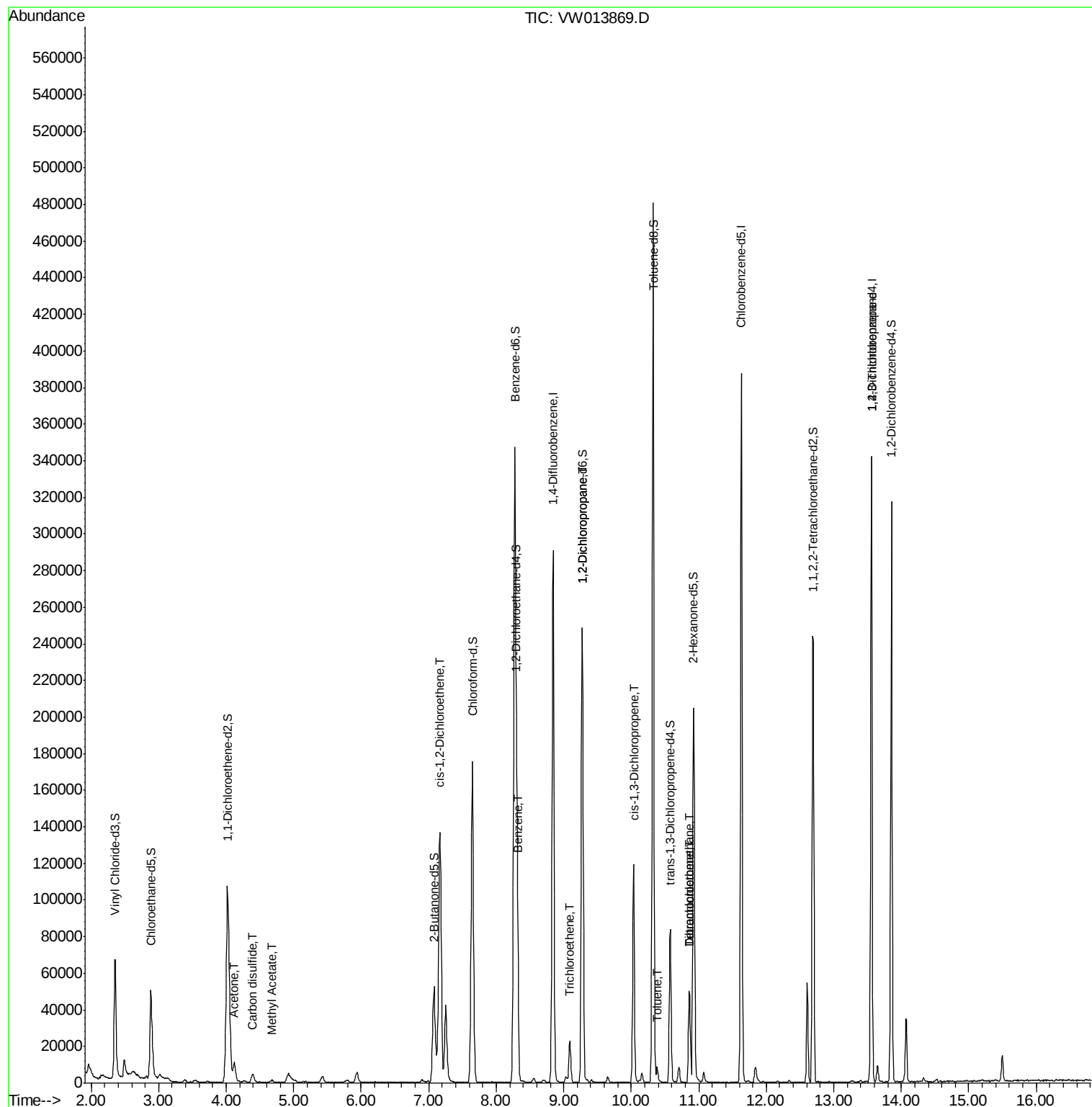
					Ovalue
13) Acetone	4.12	43	17391	13.575	ug/L 97
14) Carbon disulfide	4.39	76	4812	0.391	ug/L 97
15) Methyl Acetate	4.68	43	2276	0.965	ug/L # 71
22) cis-1,2-Dichloroethene	7.17	96	86988	18.315	ug/L 99
34) Benzene	8.32	78	6078	0.373	ug/L 100
35) Trichloroethene	9.09	95	7288	1.695	ug/L 97
40) 1,2-Dichloropropane	9.27	63	12544	3.117	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	2588	0.410	ug/L # 65
44) Toluene	10.38	91	5880	0.334	ug/L 93
47) Tetrachloroethene	10.86	164	13334	3.453	ug/L 93
50) Dibromochloromethane	10.87	129	11067	2.934	ug/L # 12
59) 1,2,3-Trichloropropane	13.56	75	9822	3.165	ug/L 92

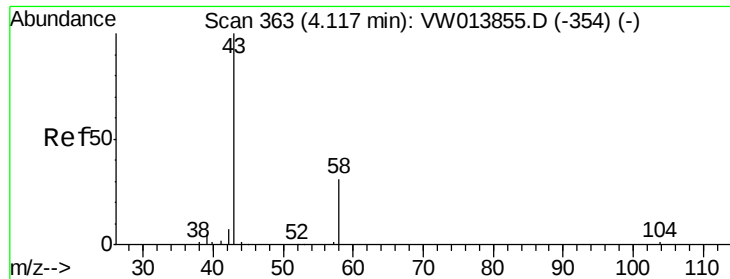
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.575 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

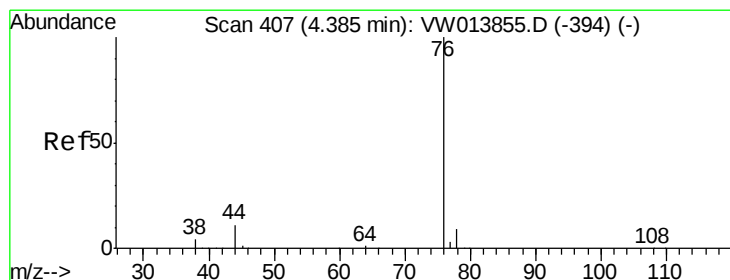
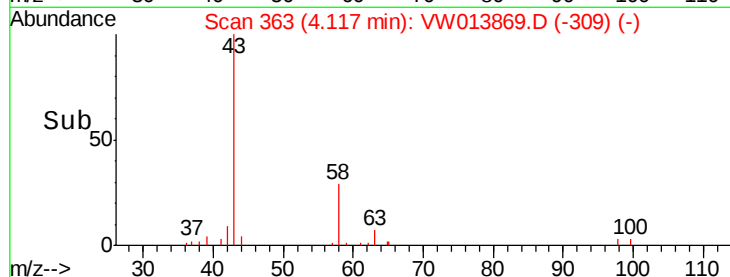
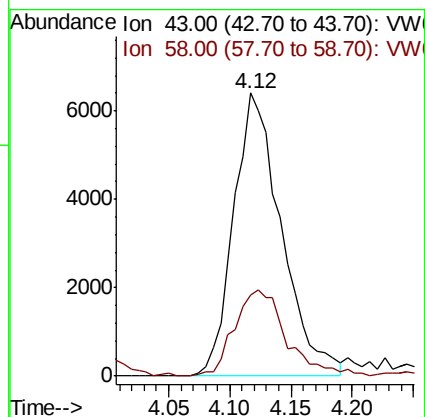
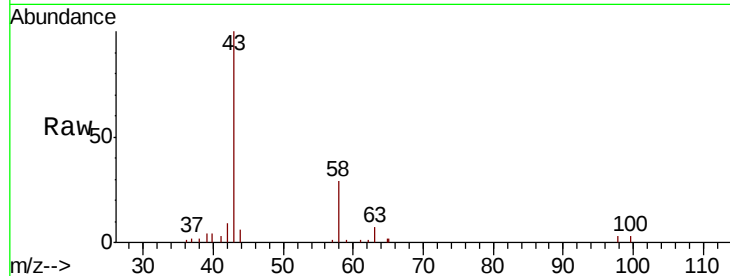
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 17391

Ion Ratio Lower Upper

43 100

58 33.3 0.0 63.4



#14

Carbon disulfide

Concen: 0.391 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW013869.D

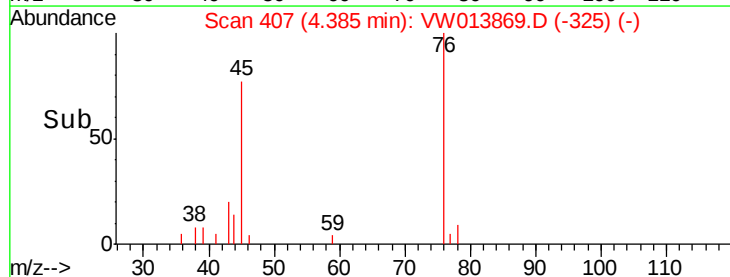
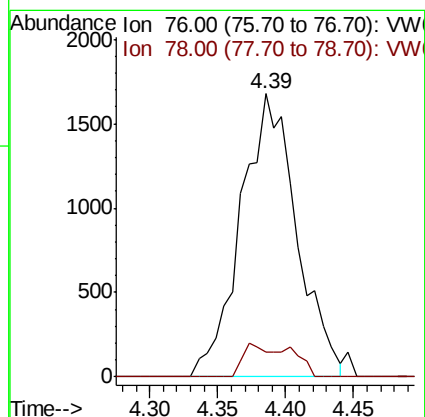
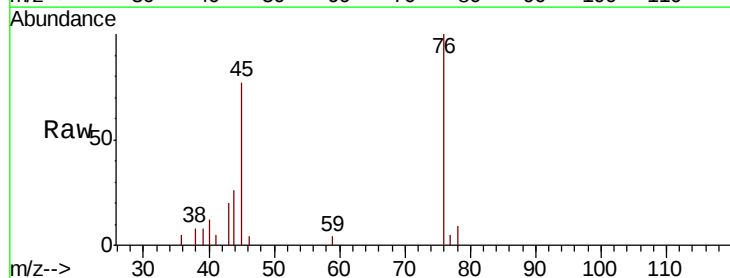
Acq: 31 Oct 2019 20:23

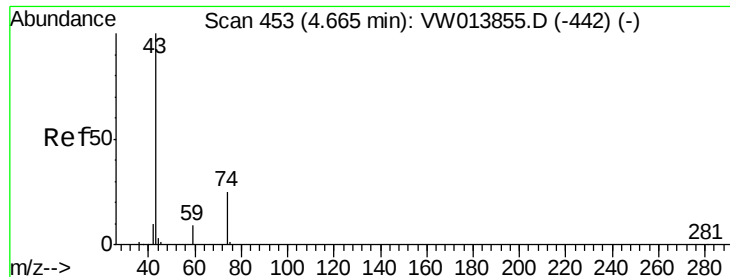
Tgt Ion: 76 Resp: 4812

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.6





#15

Methyl Acetate

Concen: 0.965 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

Instrument :

MSVOA_W

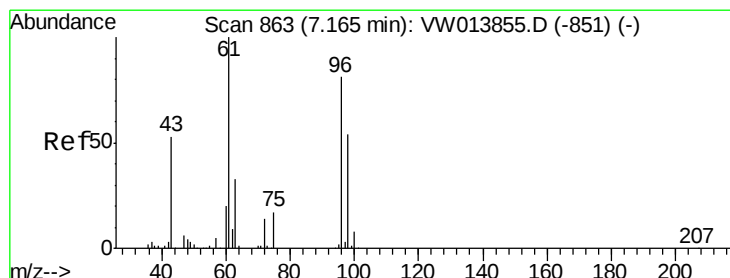
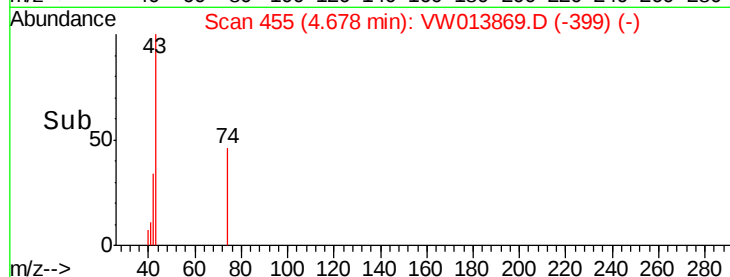
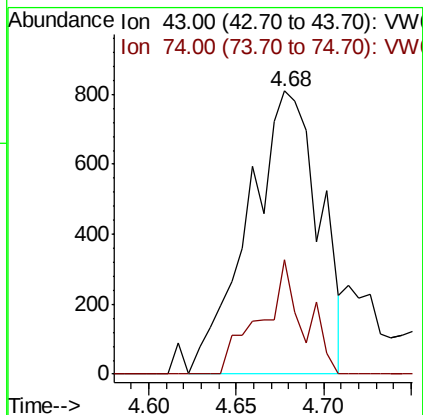
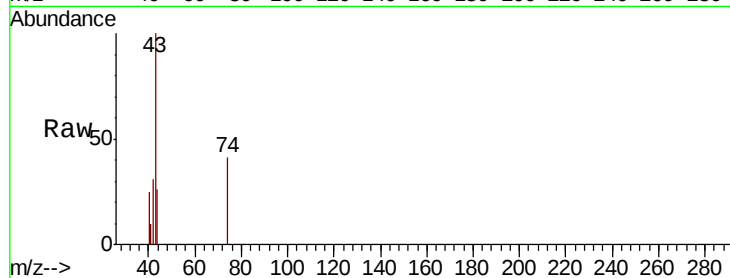
ClientSampleId :

Tot Ion: 43 Resp: 2276

Ion Ratio Lower Upper

43 100

74 9.6 19.2 28.8#



#22

cis-1,2-Dichloroethene

Concen: 18.315 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

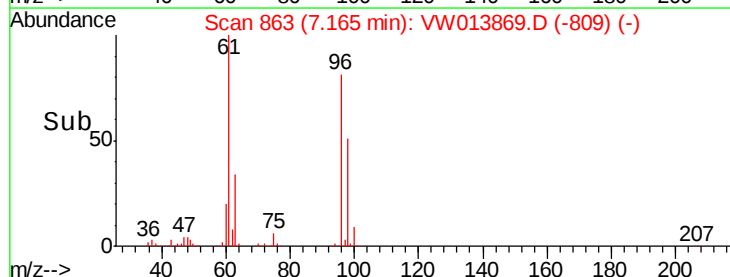
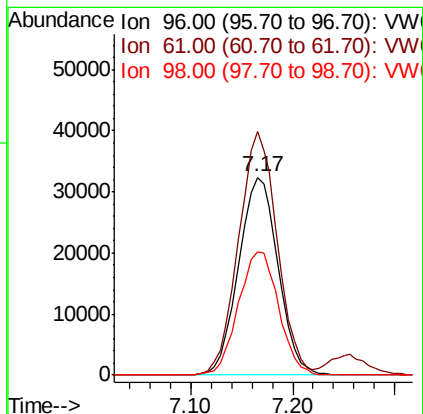
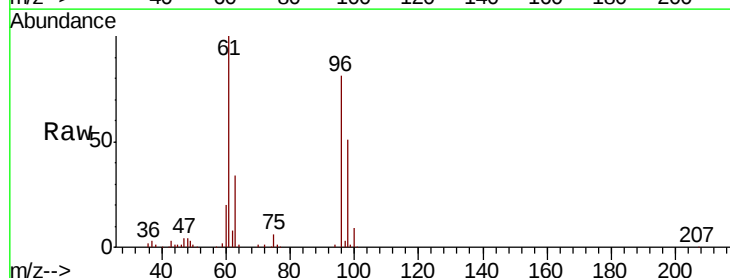
Tgt Ion: 96 Resp: 86988

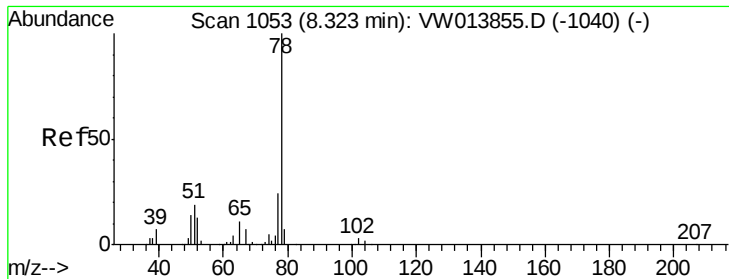
Ion Ratio Lower Upper

96 100

61 122.9 86.6 160.8

98 62.1 44.5 82.7





#34

Benzene

Concen: 0.373 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013869.D

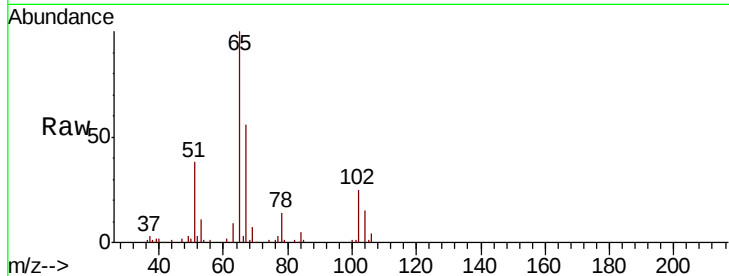
Acq: 31 Oct 2019 20:23

Instrument :

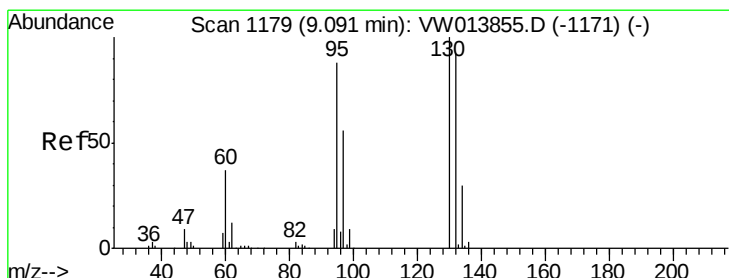
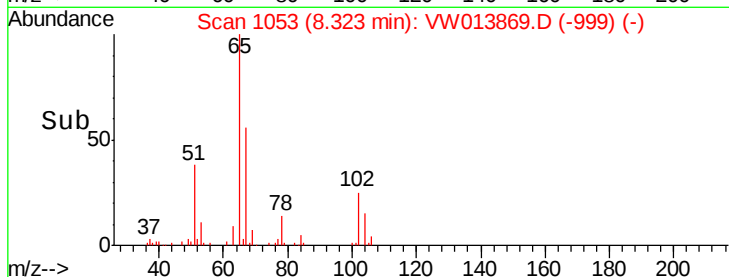
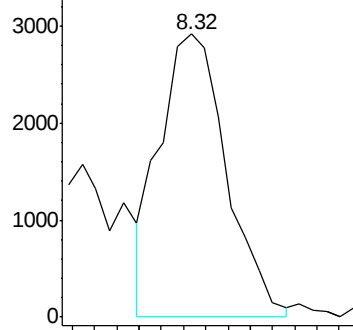
MSVOA_W

ClientSampled :

Tgt Ion: 78 Resp: 6078



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 1.695 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

Tgt Ion: 95 Resp: 7288

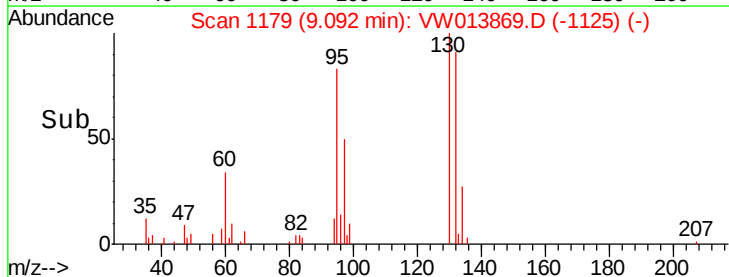
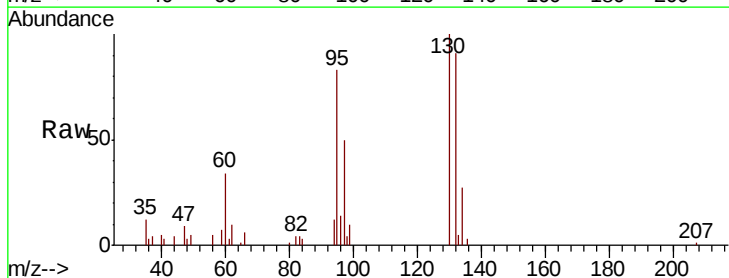
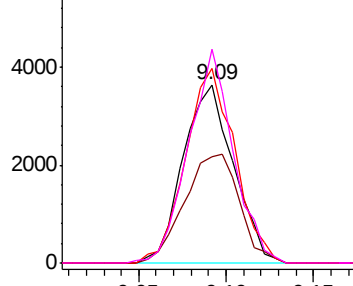
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.0	83.6
132	106.7	72.4	134.4
130	106.7	76.6	142.3

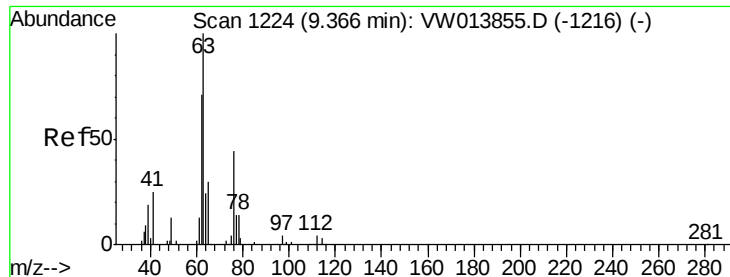
Abundance Ion 95.00 (94.70 to 95.70): VW

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

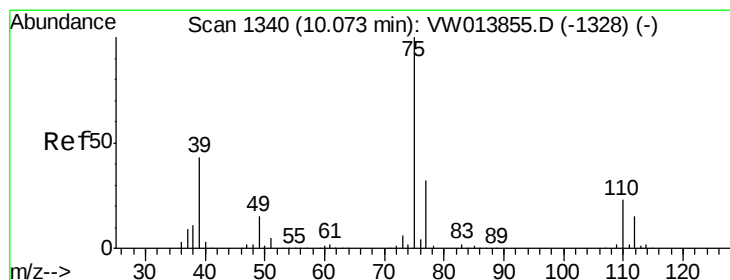
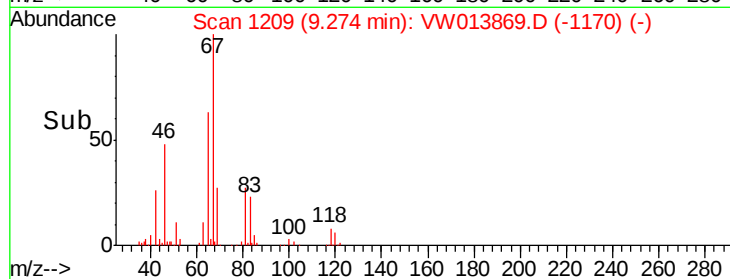
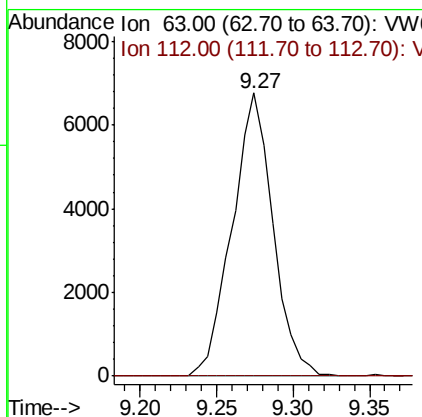
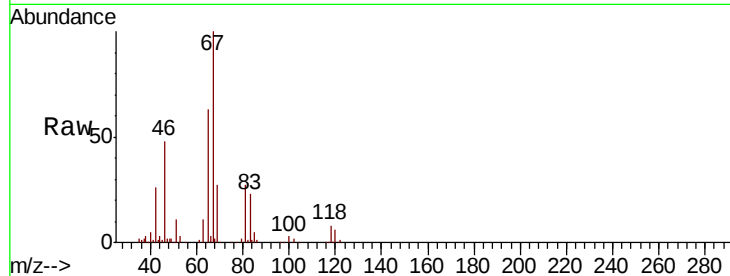




#40
 1,2-Dichloropropane
 Concen: 3.117 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW013869.D
 Acq: 31 Oct 2019 20:23

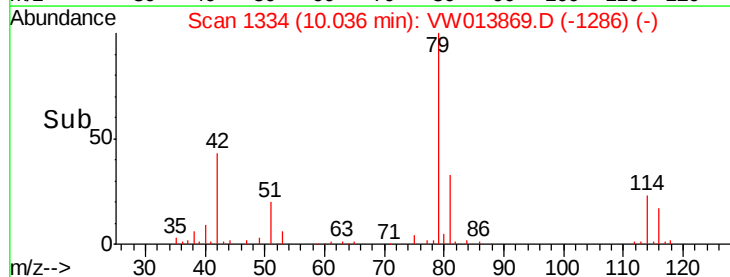
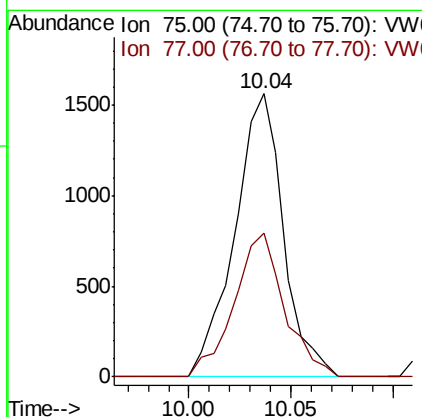
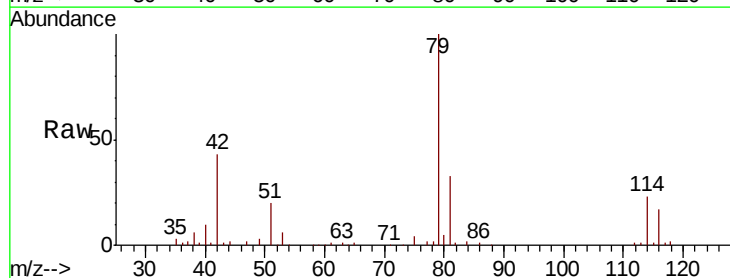
Instrument :
 MSVOA_W
 ClientSampleId :

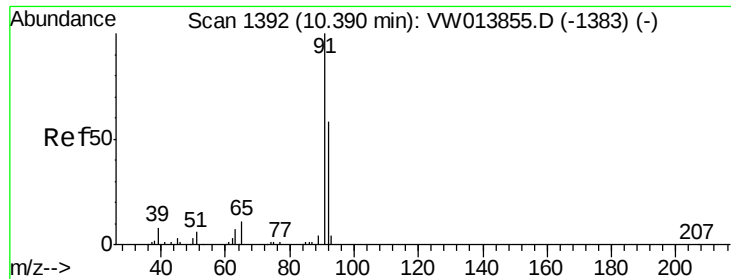
Tot Ion: 63 Resp: 12544
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.410 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW013869.D
 Acq: 31 Oct 2019 20:23

Tgt Ion: 75 Resp: 2588
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.1 41.1#





#44

Toluene

Concen: 0.334 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

Instrument :

MSVOA_W

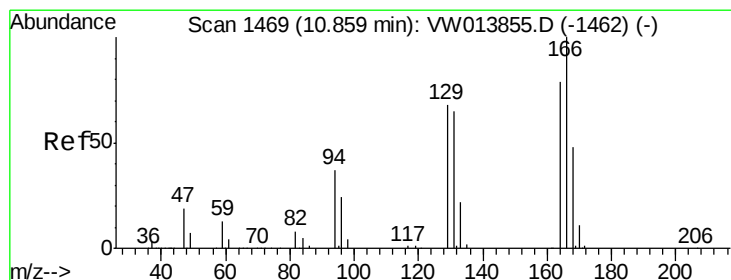
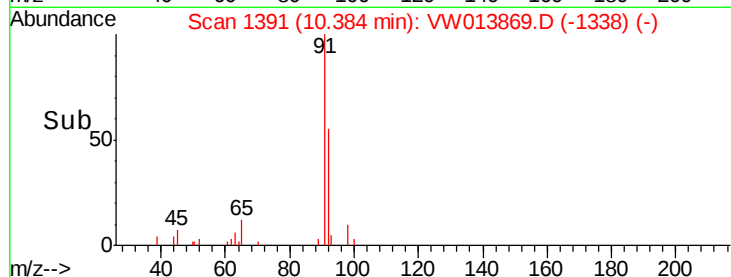
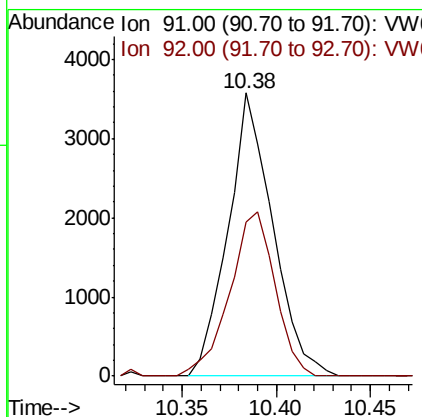
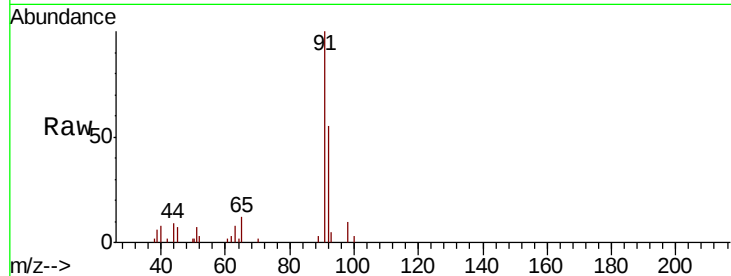
ClientSampleId :

Tot Ion: 91 Resp: 5880

Ion Ratio Lower Upper

91 100

92 54.6 42.0 78.0



#47

Tetrachloroethene

Concen: 3.453 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

Tgt Ion: 164 Resp: 13334

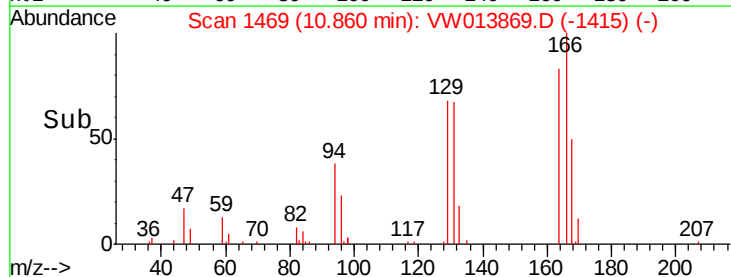
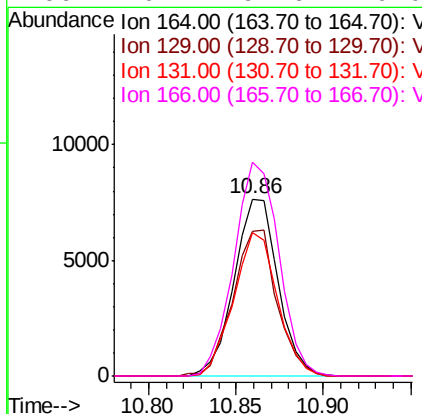
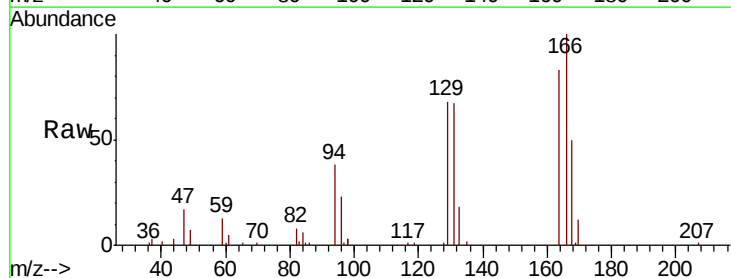
Ion Ratio Lower Upper

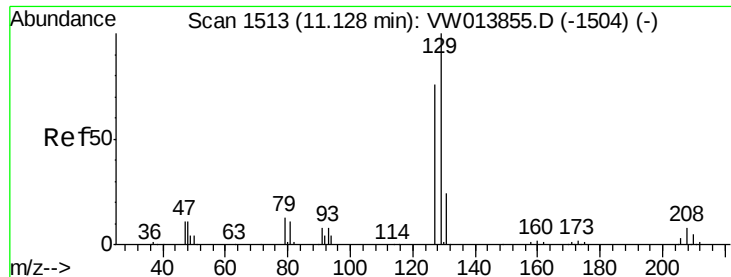
164 100

129 82.1 62.5 116.1

131 80.9 59.8 111.0

166 120.7 91.6 170.0





#50

Dibromochloromethane

Concen: 2.934 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

Instrument :

MSVOA_W

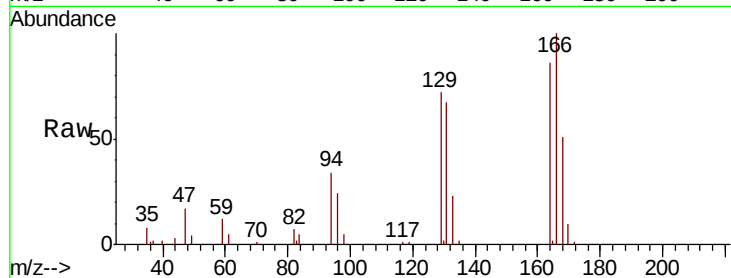
ClientSampleId :

Tot Ion:129 Resp: 11067

Ion Ratio Lower Upper

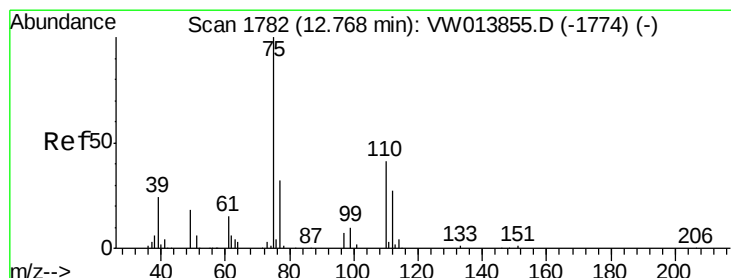
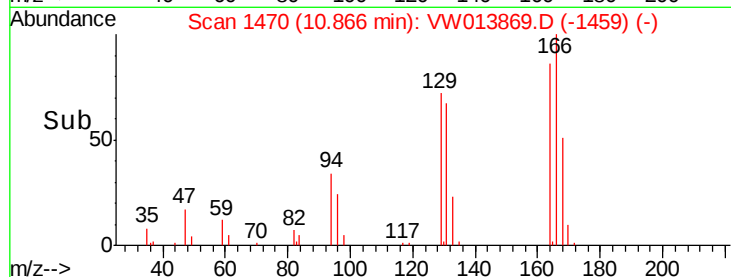
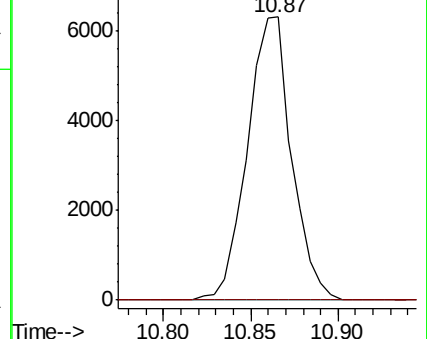
129 100

127 0.0 52.6 97.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 3.165 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013869.D

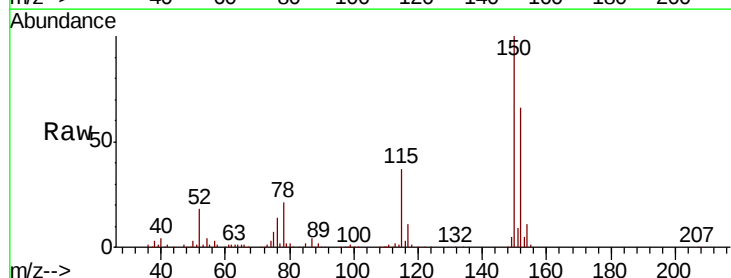
Acq: 31 Oct 2019 20:23

Tgt Ion: 75 Resp: 9822

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

