

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013873.D
 Acq On : 31 Oct 2019 22:08
 Operator : SY/VA
 Sample : K5596-19
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:14:56 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	226613	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199876	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79227	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.84%
7) Chloroethane-d5	2.89	69	64373	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.40%
10) 1,1-Dichloroethene-d2	4.02	63	120533	17.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.84%
20) 2-Butanone-d5	7.07	46	76353	62.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.94%
24) Chloroform-d	7.65	84	178843	25.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.16%
26) 1,2-Dichloroethane-d4	8.31	65	103791	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.08%
29) Benzene-d6	8.27	84	355465	27.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.80%
33) 1,2-Dichloropropane-d6	9.27	67	114217	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.72%
37) Toluene-d8	10.32	98	300679	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.12%
38) trans-1,3-Dichloropropene-	10.57	79	44171	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.92	63	59088	66.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110127	31.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	80252	25.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.52%

Target Compounds

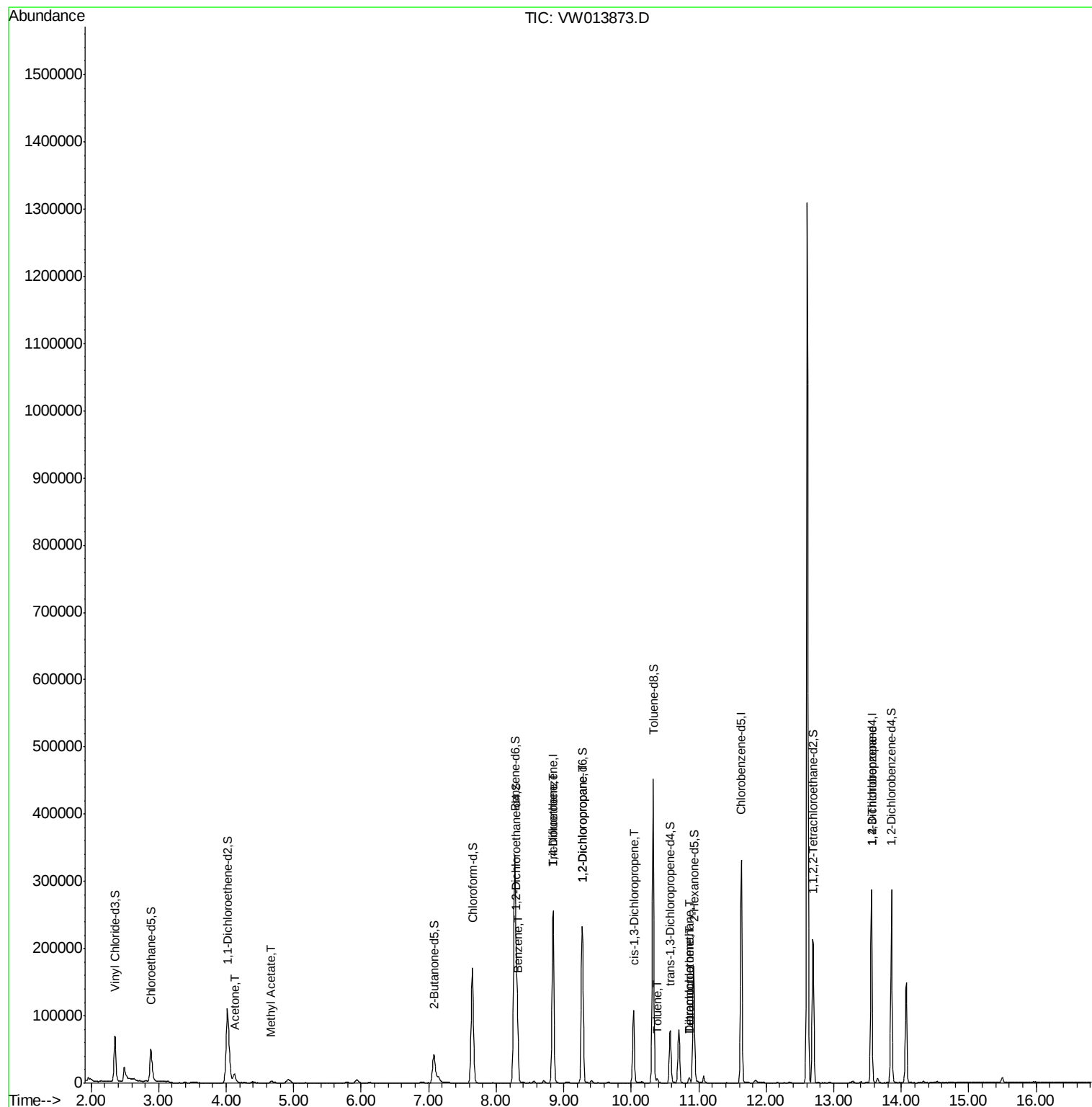
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	22672	19.980	ug/L	98
15) Methyl Acetate	4.67	43	2556	1.223	ug/L #	87
34) Benzene	8.32	78	6833	0.493	ug/L	100
35) Trichloroethene	8.84	95	6188	1.692	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12202	3.564	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2473	0.460	ug/L	85
44) Toluene	10.38	91	4912	0.328	ug/L	88
47) Tetrachloroethene	10.86	164	1936	0.589	ug/L	85
50) Dibromochloromethane	10.87	129	1566	0.488	ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	8824	3.341	ug/L	90

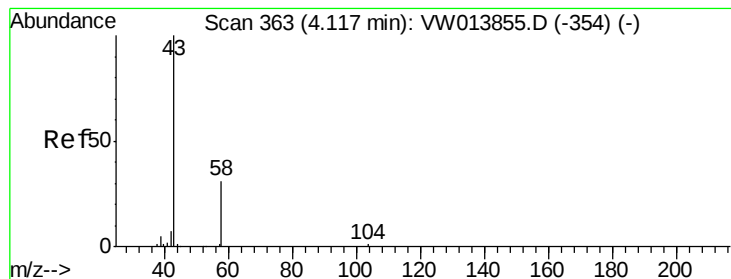
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103119\
Data File : VW013873.D
Acq On : 31 Oct 2019 22:08
Operator : SY/VA
Sample : K5596-19
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 01 02:14:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 19.980 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013873.D

Acq: 31 Oct 2019 22:08

Instrument :

MSVOA_W

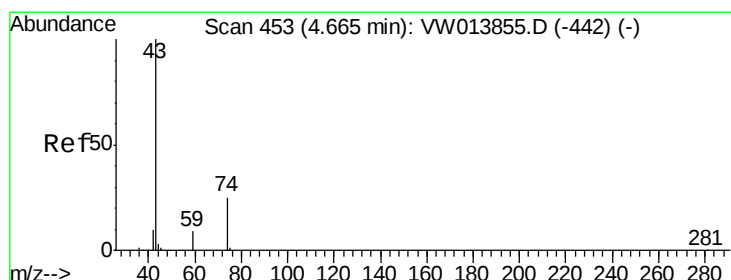
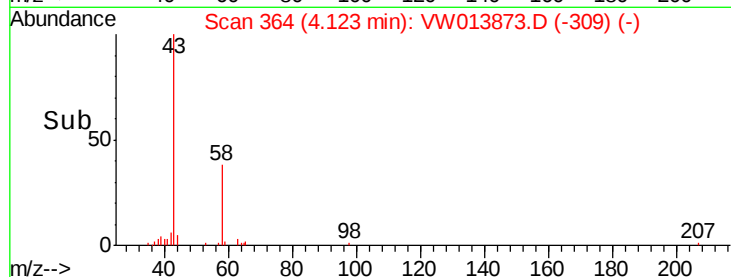
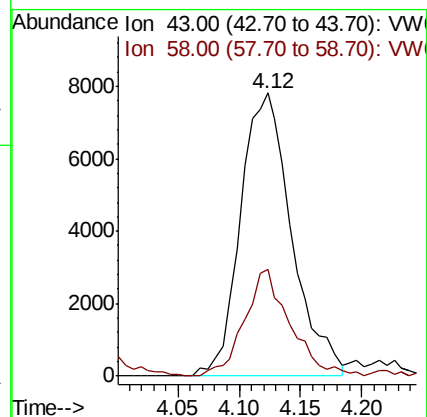
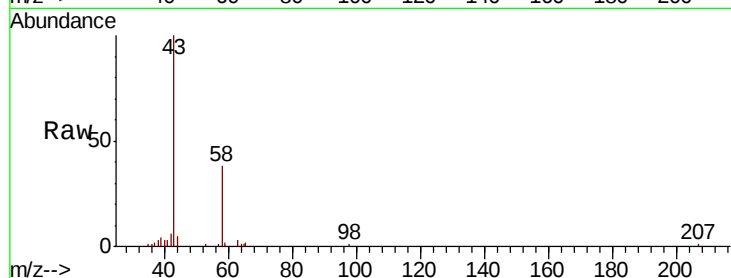
ClientSampleId :

Tot Ion: 43 Resp: 22672

Ion Ratio Lower Upper

43 100

58 32.7 0.0 63.4



#15

Methyl Acetate

Concen: 1.223 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013873.D

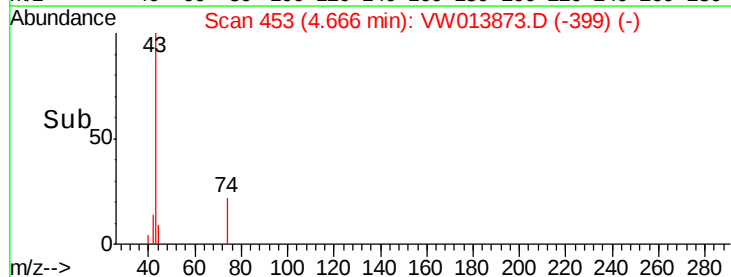
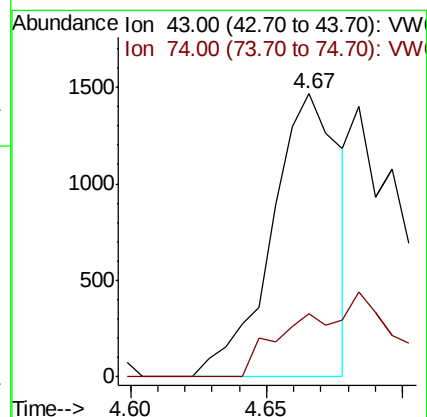
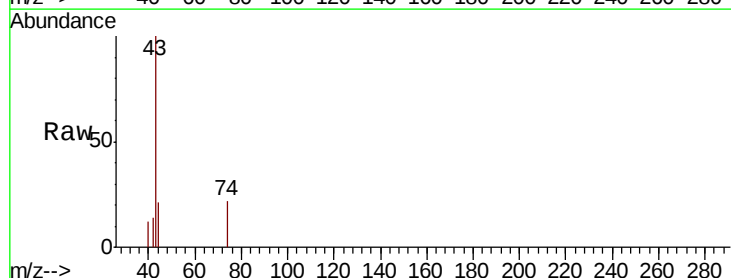
Acq: 31 Oct 2019 22:08

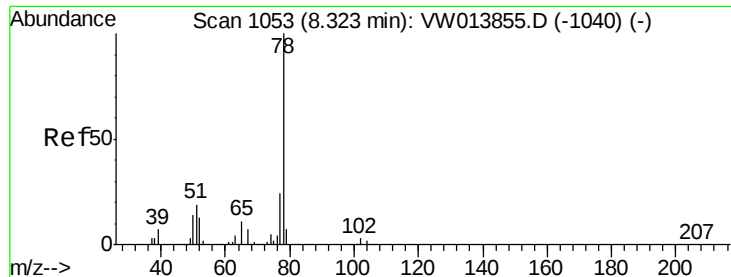
Tgt Ion: 43 Resp: 2556

Ion Ratio Lower Upper

43 100

74 17.6 19.2 28.8#





#34

Benzene

Concen: 0.493 ug/L

RT: 8.32 min Scan# 1053

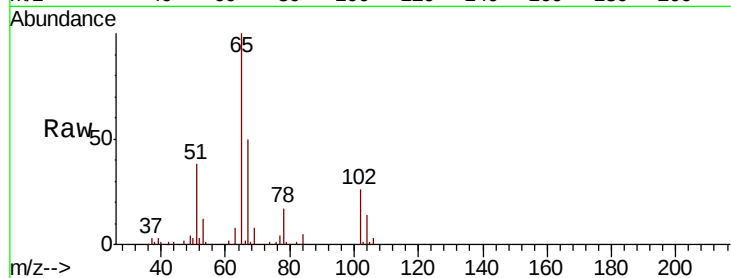
Delta R.T. 0.00 min

Lab File: VW013873.D

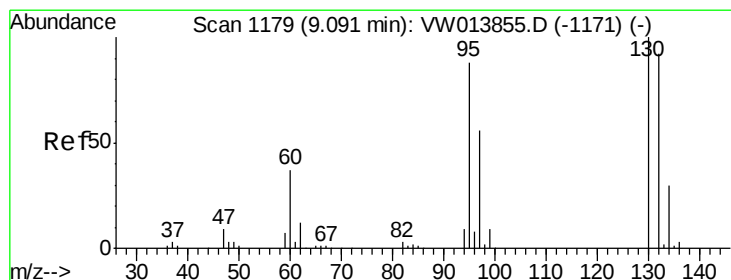
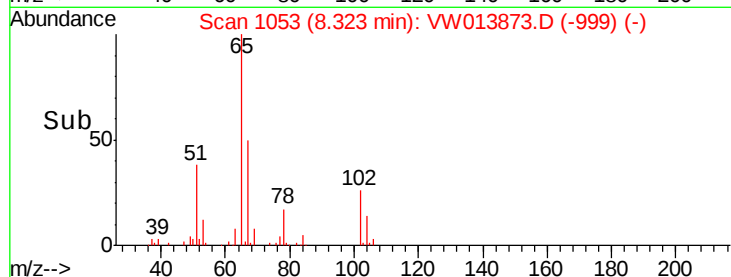
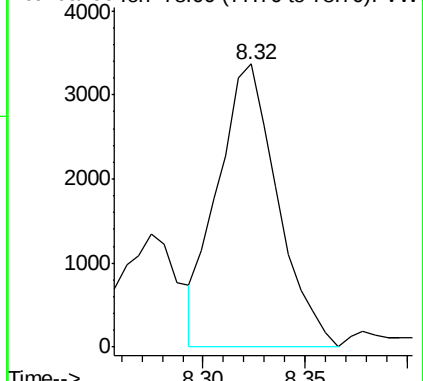
Acq: 31 Oct 2019 22:08

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 6833



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 1.692 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW013873.D

Acq: 31 Oct 2019 22:08

Tgt Ion: 95 Resp: 6188

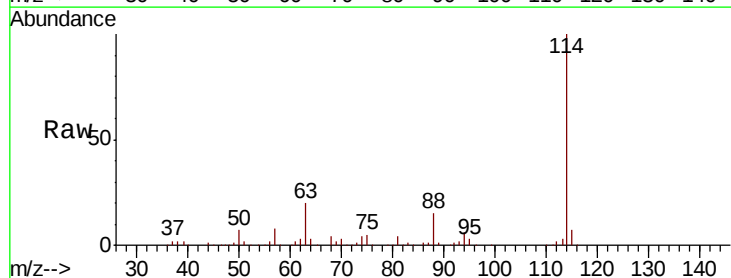
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 72.4 134.4#

130 0.0 76.6 142.3#

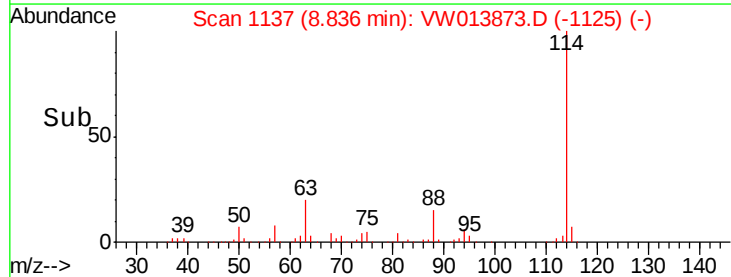
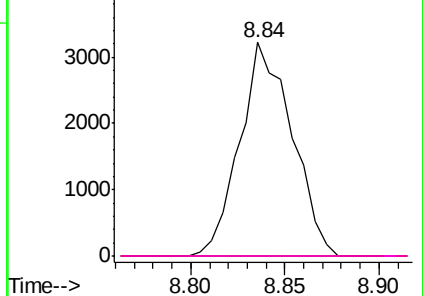


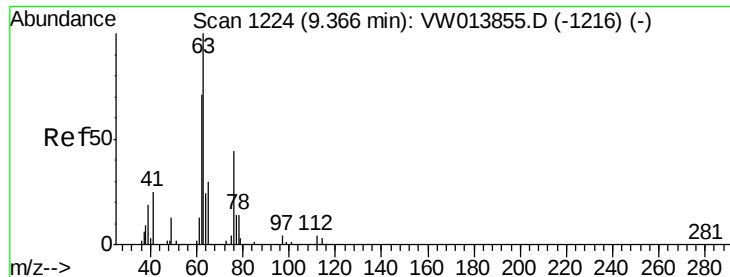
Abundance Ion 95.00 (94.70 to 95.70): VW

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

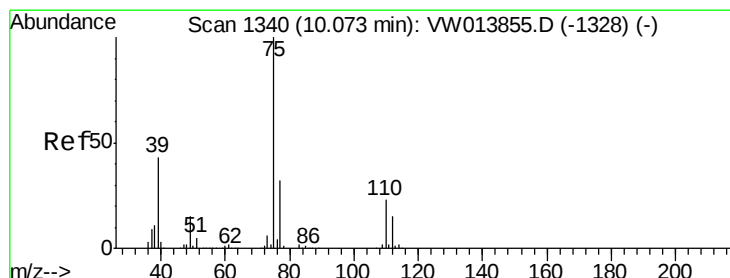
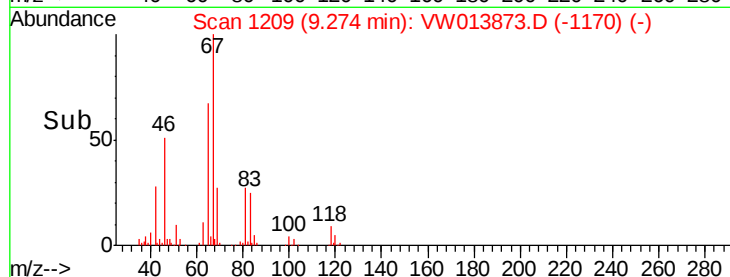
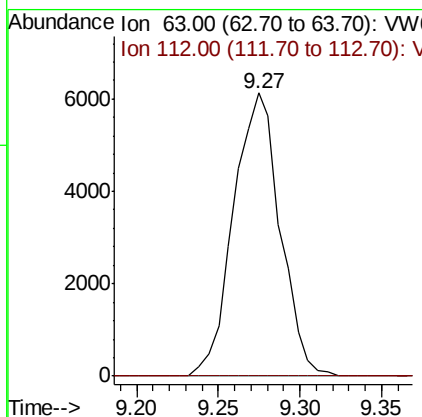
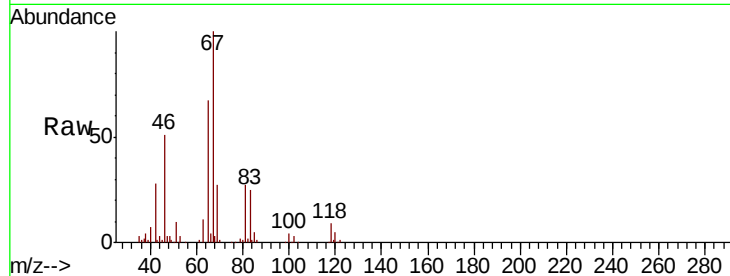




#40
 1,2-Dichloropropane
 Concen: 3.564 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW013873.D
 Acq: 31 Oct 2019 22:08

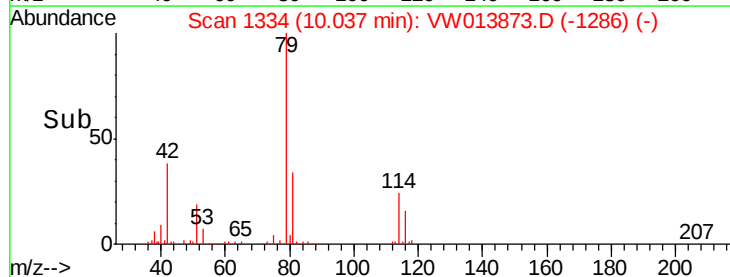
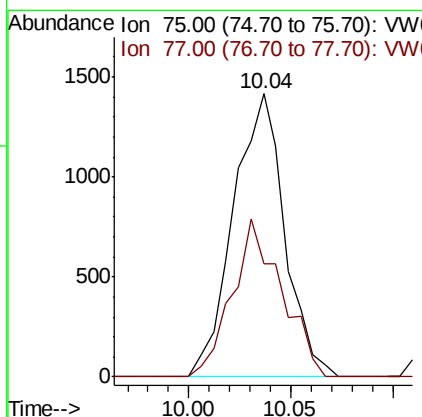
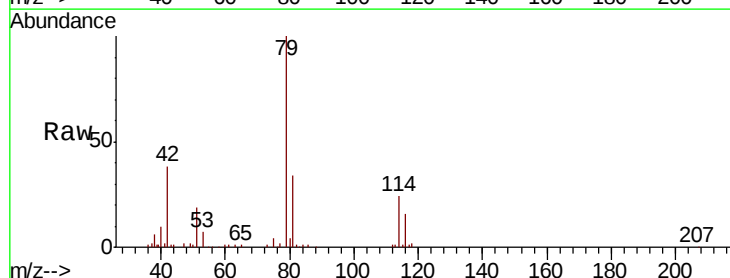
Instrument :
 MSVOA_W
 ClientSampleId :

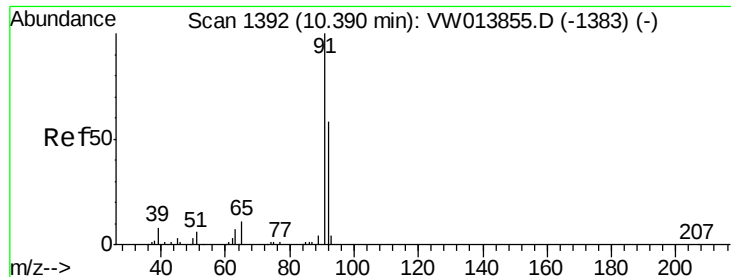
Tot Ion: 63 Resp: 12202
 Ion Ratio Lower Upper
 63 100
 112 0.2 4.1 6.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.460 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW013873.D
 Acq: 31 Oct 2019 22:08

Tgt Ion: 75 Resp: 2473
 Ion Ratio Lower Upper
 75 100
 77 39.8 22.1 41.1





#44

Toluene

Concen: 0.328 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013873.D

Acq: 31 Oct 2019 22:08

Instrument :

MSVOA_W

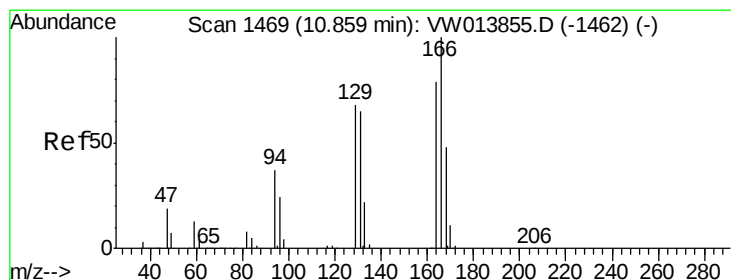
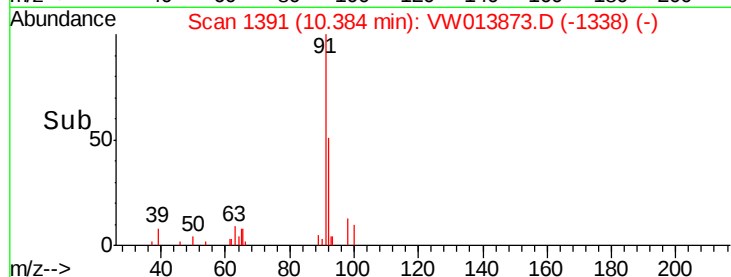
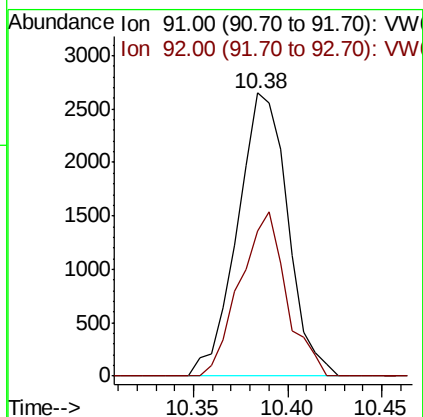
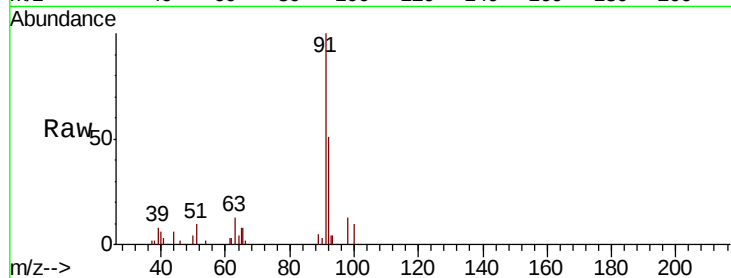
ClientSampleId :

Tot Ion: 91 Resp: 4912

Ion Ratio Lower Upper

91 100

92 51.2 42.0 78.0



#47

Tetrachloroethene

Concen: 0.589 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013873.D

Acq: 31 Oct 2019 22:08

Tgt Ion:164 Resp: 1936

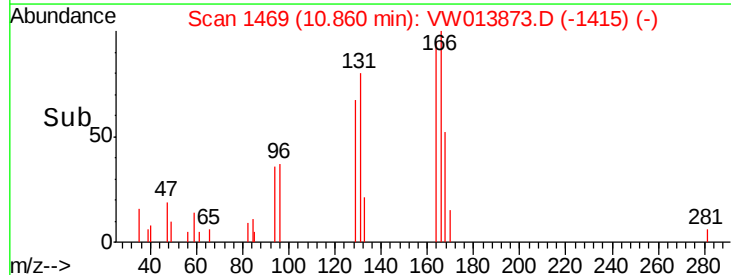
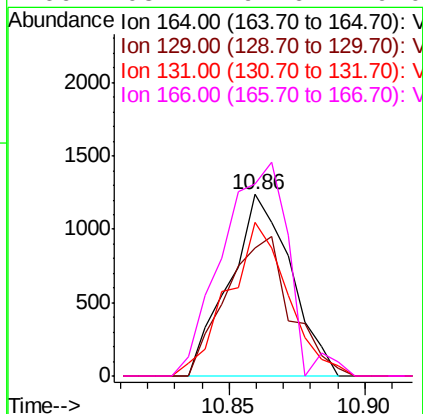
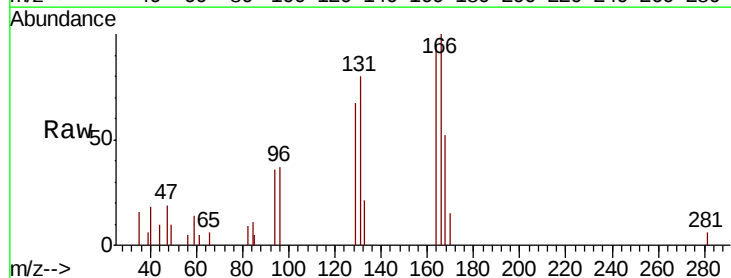
Ion Ratio Lower Upper

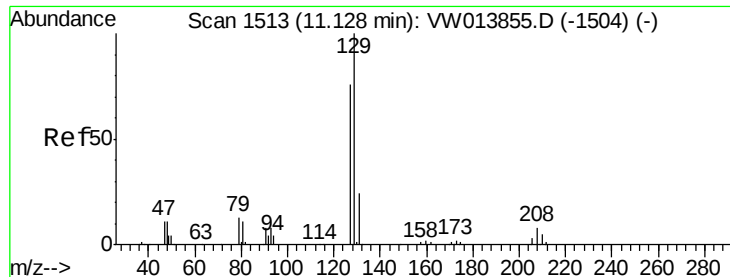
164 100

129 70.8 62.5 116.1

131 85.0 59.8 111.0

166 105.7 91.6 170.0





#50

Dibromochloromethane

Concen: 0.488 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW013873.D

Acq: 31 Oct 2019 22:08

Instrument :

MSVOA_W

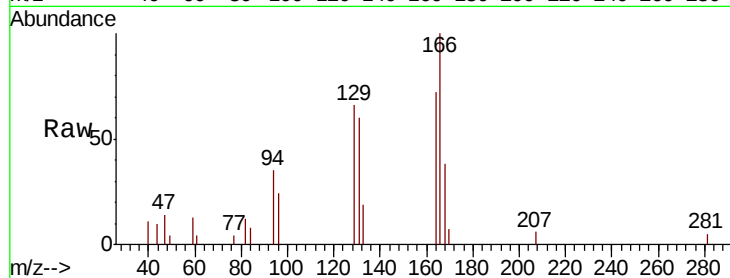
ClientSampled :

Tot Ion:129 Resp: 1566

Ion Ratio Lower Upper

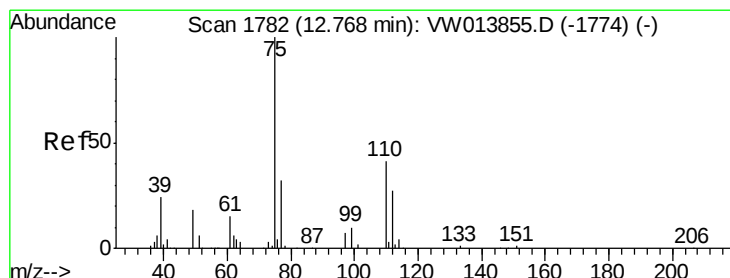
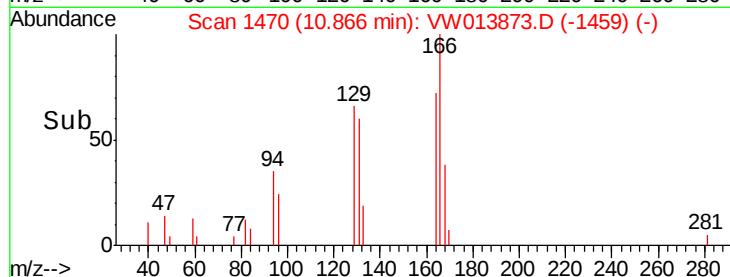
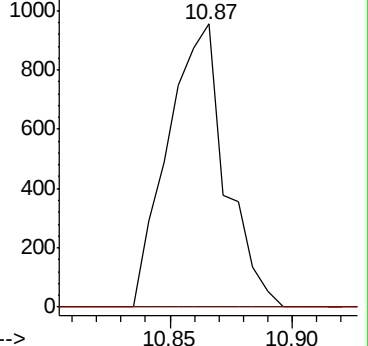
129 100

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: 3.341 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013873.D

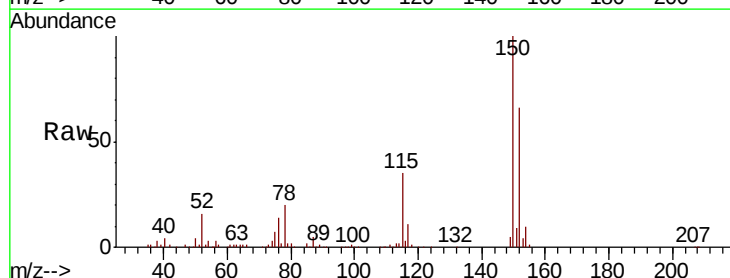
Acq: 31 Oct 2019 22:08

Tgt Ion: 75 Resp: 8824

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

