

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013865.D
 Acq On : 31 Oct 2019 18:38
 Operator : SY/VA
 Sample : K5596-11
 Misc : 5.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:14:07 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	275750	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137447	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89905	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
7) Chloroethane-d5	2.89	69	74762	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.02	63	136744	16.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.12%
20) 2-Butanone-d5	7.07	46	84039	56.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.92%
24) Chloroform-d	7.65	84	206730	24.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	8.31	65	119752	26.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.36%
29) Benzene-d6	8.27	84	421948	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.27	67	135040	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.08%
37) Toluene-d8	10.32	98	380971	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	10.58	79	53809	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.92%
39) 2-Hexanone-d5	10.93	63	70329	57.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135413	28.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	132672	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

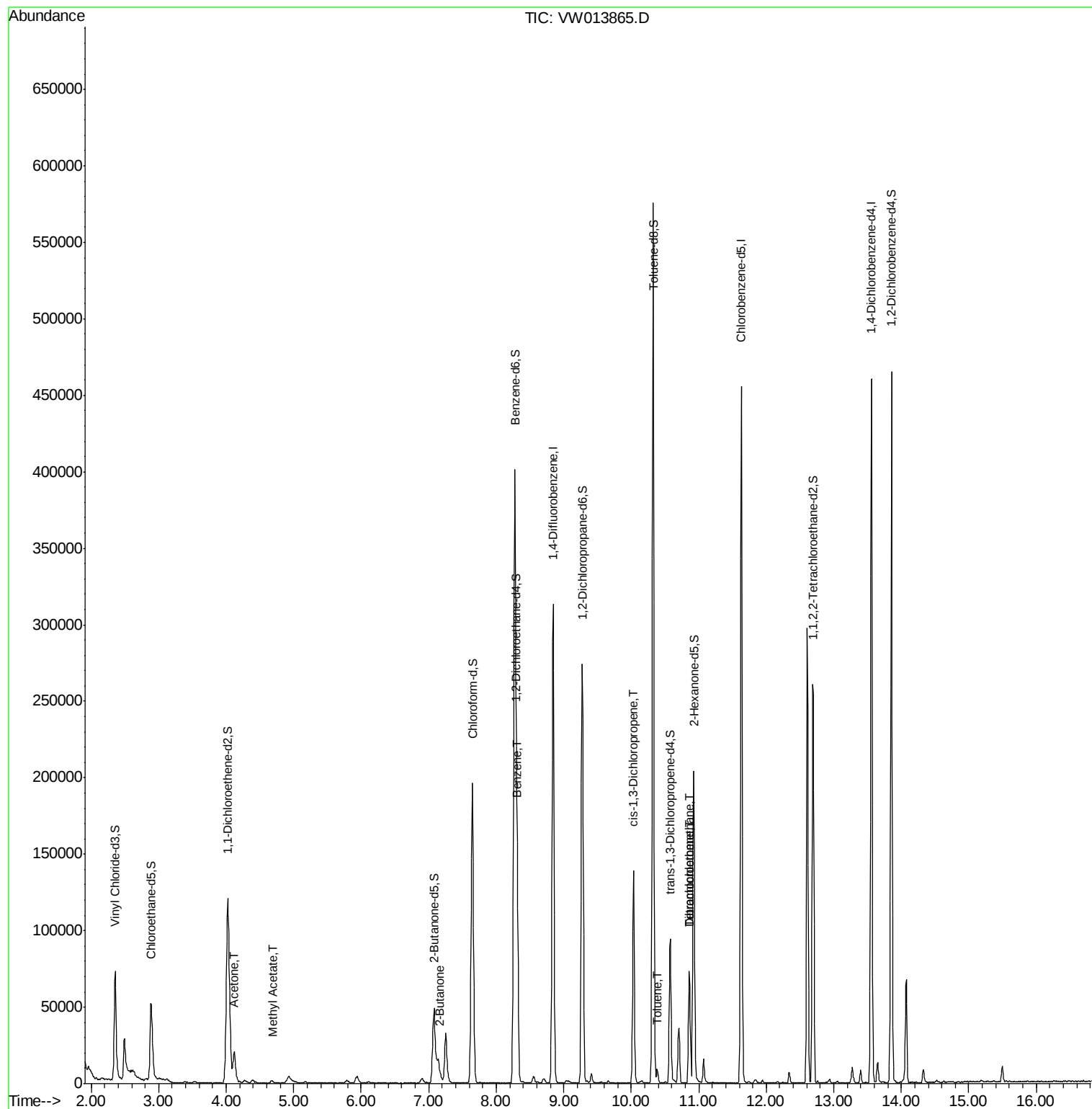
					Ovalue
13) Acetone	4.12	43	33895	24.548	ug/L 97
15) Methyl Acetate	4.68	43	2864	1.127	ug/L 97
21) 2-Butanone	7.17	43	5446	2.749	ug/L 96
34) Benzene	8.32	78	9480	0.502	ug/L 100
42) cis-1,3-Dichloropropene	10.03	75	2949	0.402	ug/L # 38
44) Toluene	10.39	91	6565	0.322	ug/L 98
47) Tetrachloroethene	10.86	164	18268	4.078	ug/L 93
50) Dibromochloromethane	10.86	129	15580	3.560	ug/L # 13

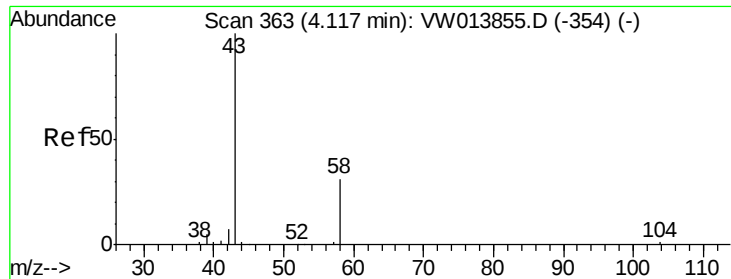
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 24.548 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013865.D

Acq: 31 Oct 2019 18:38

Instrument :

MSVOA_W

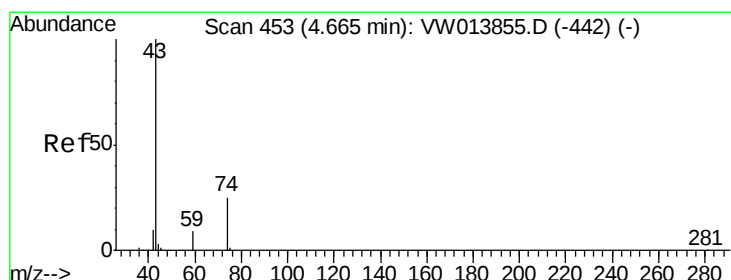
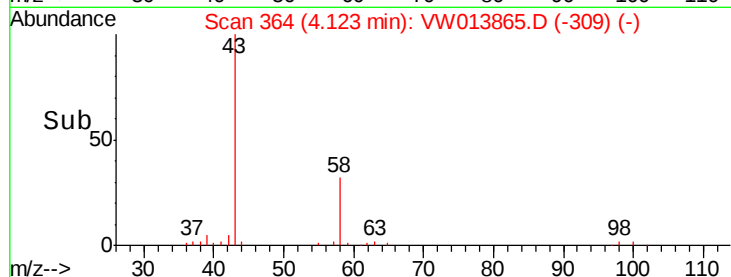
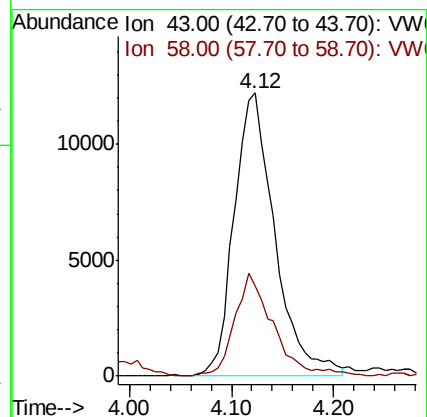
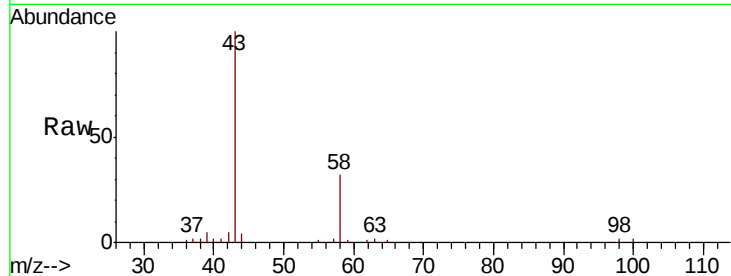
ClientSampled :

Tot Ion: 43 Resp: 33895

Ion Ratio Lower Upper

43 100

58 30.0 0.0 63.4



#15

Methyl Acetate

Concen: 1.127 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW013865.D

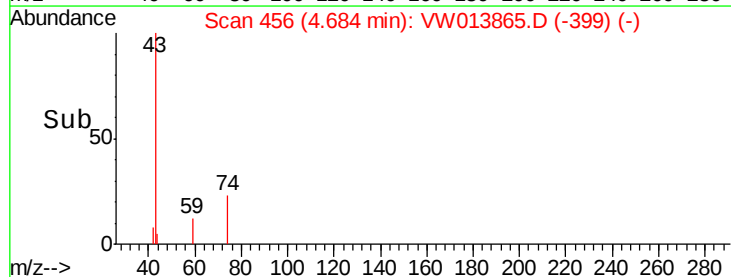
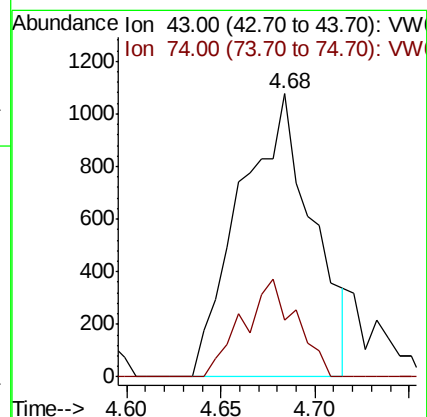
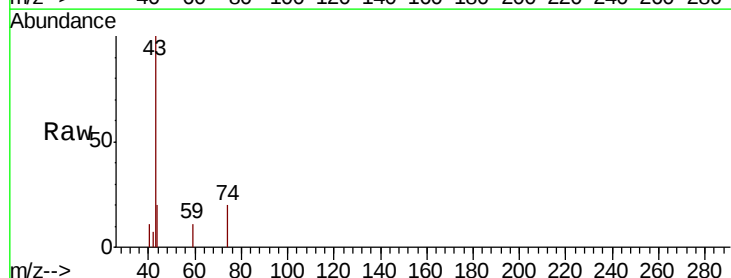
Acq: 31 Oct 2019 18:38

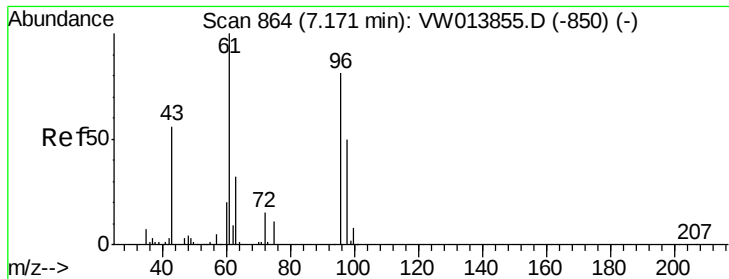
Tgt Ion: 43 Resp: 2864

Ion Ratio Lower Upper

43 100

74 25.3 19.2 28.8





#21

2-Butanone

Concen: 2.749 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013865.D

Acq: 31 Oct 2019 18:38

Instrument :

MSVOA_W

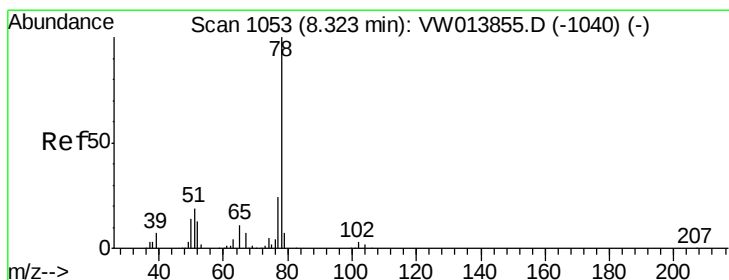
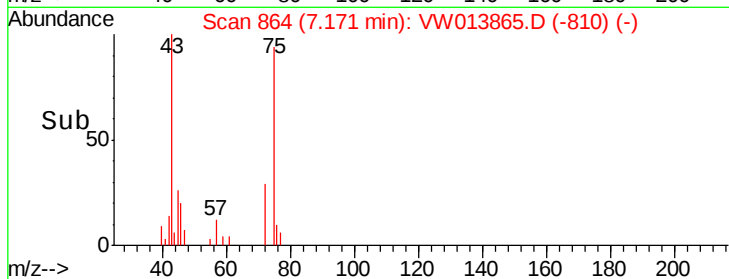
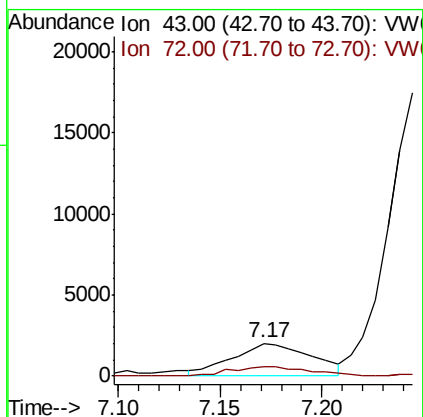
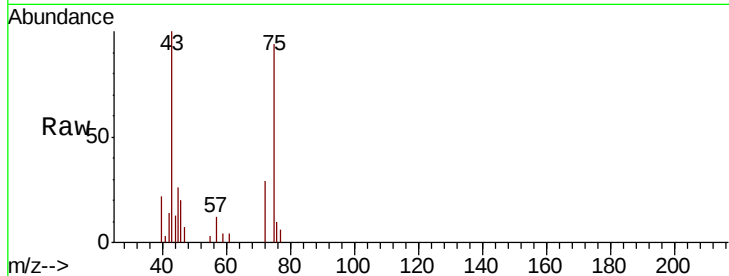
ClientSampled :

Tot Ion: 43 Resp: 5446

Ion Ratio Lower Upper

43 100

72 30.0 14.0 41.9



#34

Benzene

Concen: 0.502 ug/L

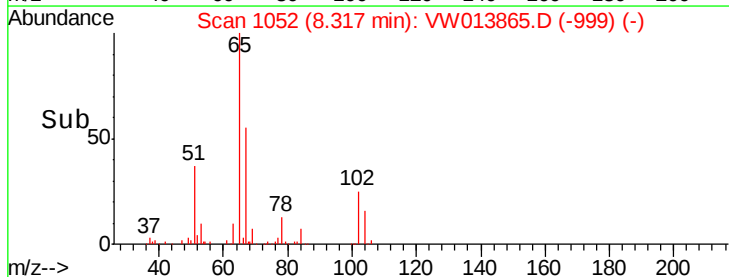
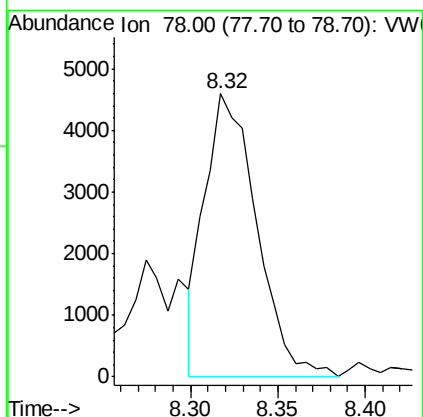
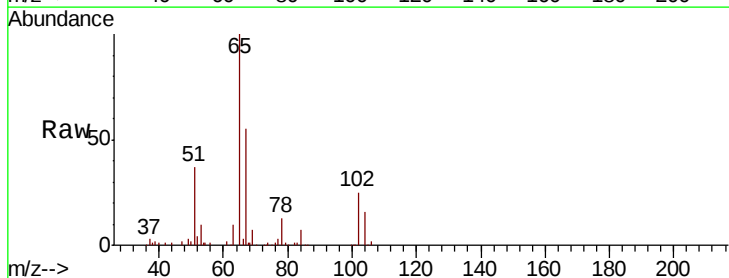
RT: 8.32 min Scan# 1052

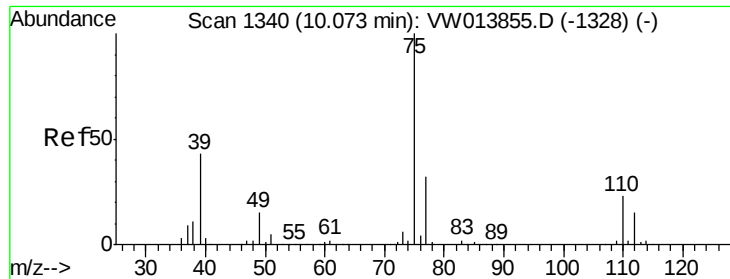
Delta R.T. -0.01 min

Lab File: VW013865.D

Acq: 31 Oct 2019 18:38

Tgt Ion: 78 Resp: 9480

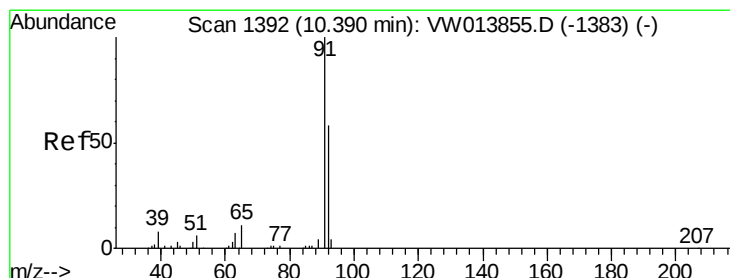
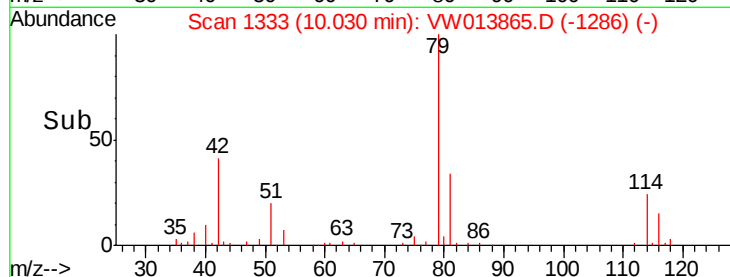
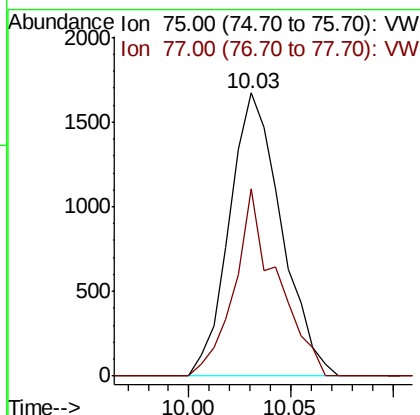
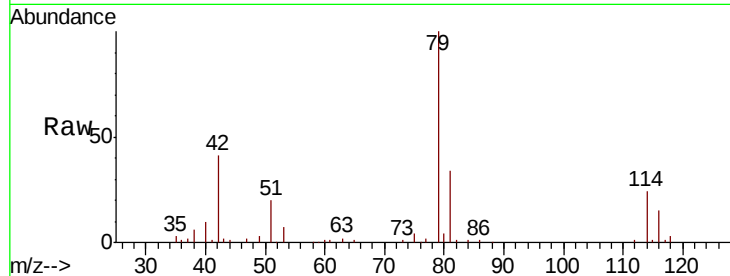




#42
 cis-1,3-Dichloropropene
 Concen: 0.402 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW013865.D
 Acq: 31 Oct 2019 18:38

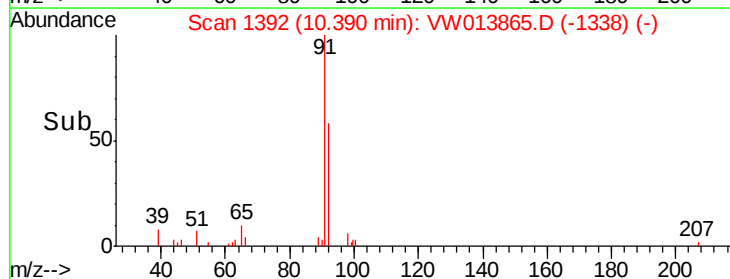
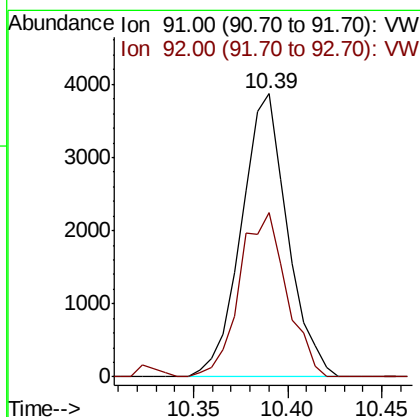
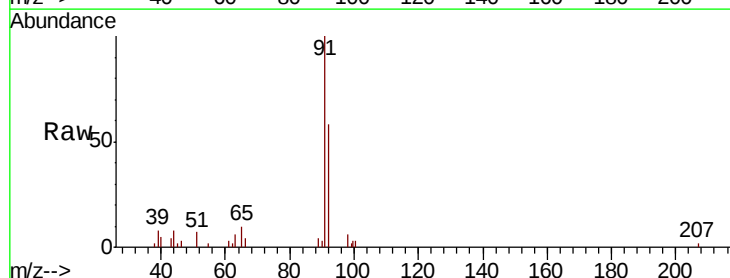
Instrument :
 MSVOA_W
 ClientSampleId :

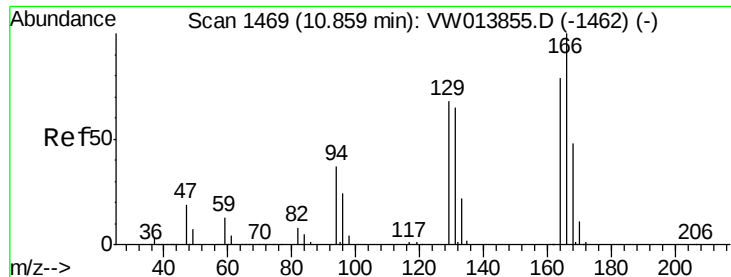
Tot Ion: 75 Resp: 2949
 Ion Ratio Lower Upper
 75 100
 77 66.0 22.1 41.1#



#44
 Toluene
 Concen: 0.322 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW013865.D
 Acq: 31 Oct 2019 18:38

Tgt Ion: 91 Resp: 6565
 Ion Ratio Lower Upper
 91 100
 92 58.2 42.0 78.0

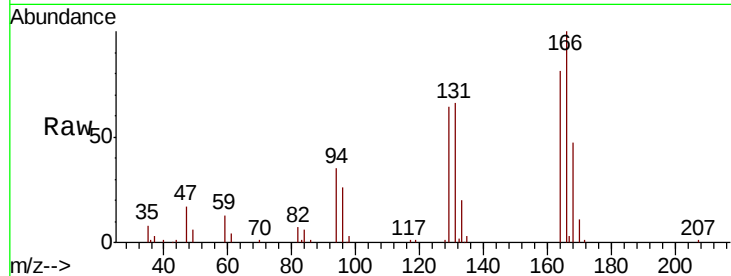




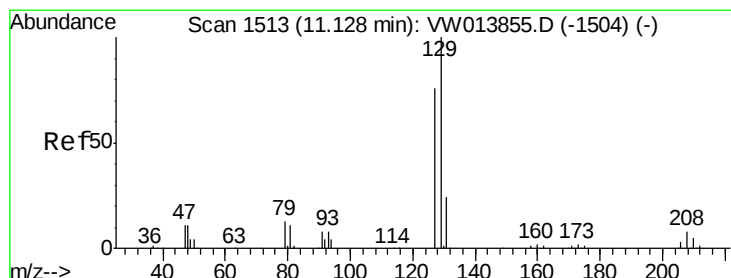
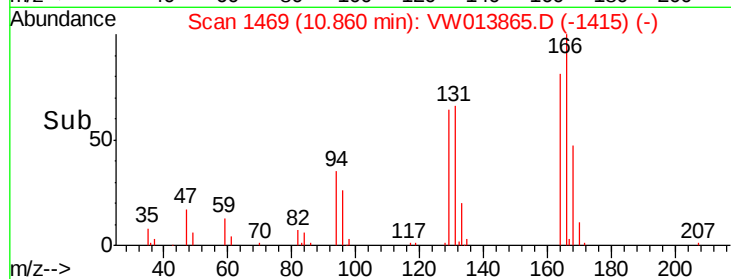
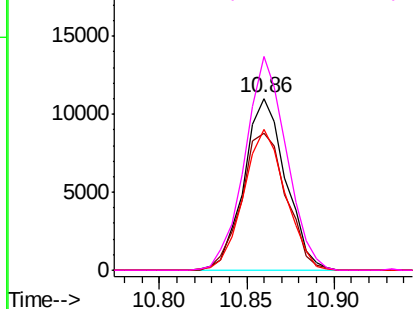
#47
Tetrachloroethene
Concen: 4.078 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013865.D
Acq: 31 Oct 2019 18:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 18268
Ion Ratio Lower Upper
164 100
129 79.4 62.5 116.1
131 81.5 59.8 111.0
166 124.1 91.6 170.0

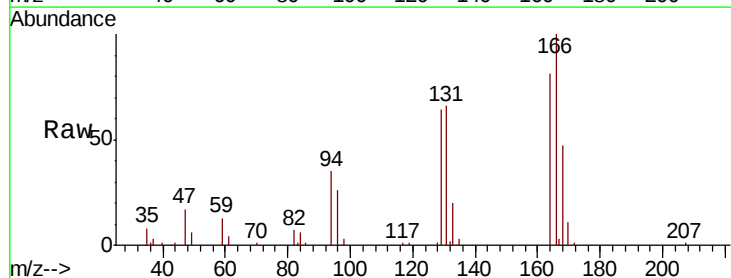


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#50
Dibromochloromethane
Concen: 3.560 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW013865.D
Acq: 31 Oct 2019 18:38

Tgt Ion:129 Resp: 15580
Ion Ratio Lower Upper
129 100
127 0.9 52.6 97.8#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

