

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
 Data File : VW014026.D
 Acq On : 14 Nov 2019 17:39
 Operator : SY/VA
 Sample : K5810-01
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLY0

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 9:43:32 AM

Quant Time: Nov 15 03:36:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 01:46:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	364038	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	304661	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103491	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	2.89	69	89870	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
10) 1,1-Dichloroethene-d2	4.02	63	161958m	13.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.36%
20) 2-Butanone-d5	7.08	46	70741	41.92	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.84%
24) Chloroform-d	7.65	84	106063	9.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	37.92%#
26) 1,2-Dichloroethane-d4	8.31	65	129096	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.76%
29) Benzene-d6	8.27	84	504528	23.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.36%
33) 1,2-Dichloropropane-d6	9.27	67	155894	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.48%
37) Toluene-d8	10.32	98	427834	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.48%
38) trans-1,3-Dichloropropene-	10.58	79	54282	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.08%
39) 2-Hexanone-d5	10.92	63	51354	42.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	11455	2.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	9.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	100543	22.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	7451	4.340	ug/L	75
25) Chloroform	7.68	83	141124	13.313	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	5386	0.705	ug/L	94
35) Trichloroethene	9.09	95	401716	67.390	ug/L	99
47) Tetrachloroethene	10.86	164	29054	5.468	ug/L	87
54) m,p-Xylene	11.83	106	3489	0.336	ug/L	74
65) 1,2-Dichlorobenzene	13.87	146	16179	2.314	ug/L	96

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

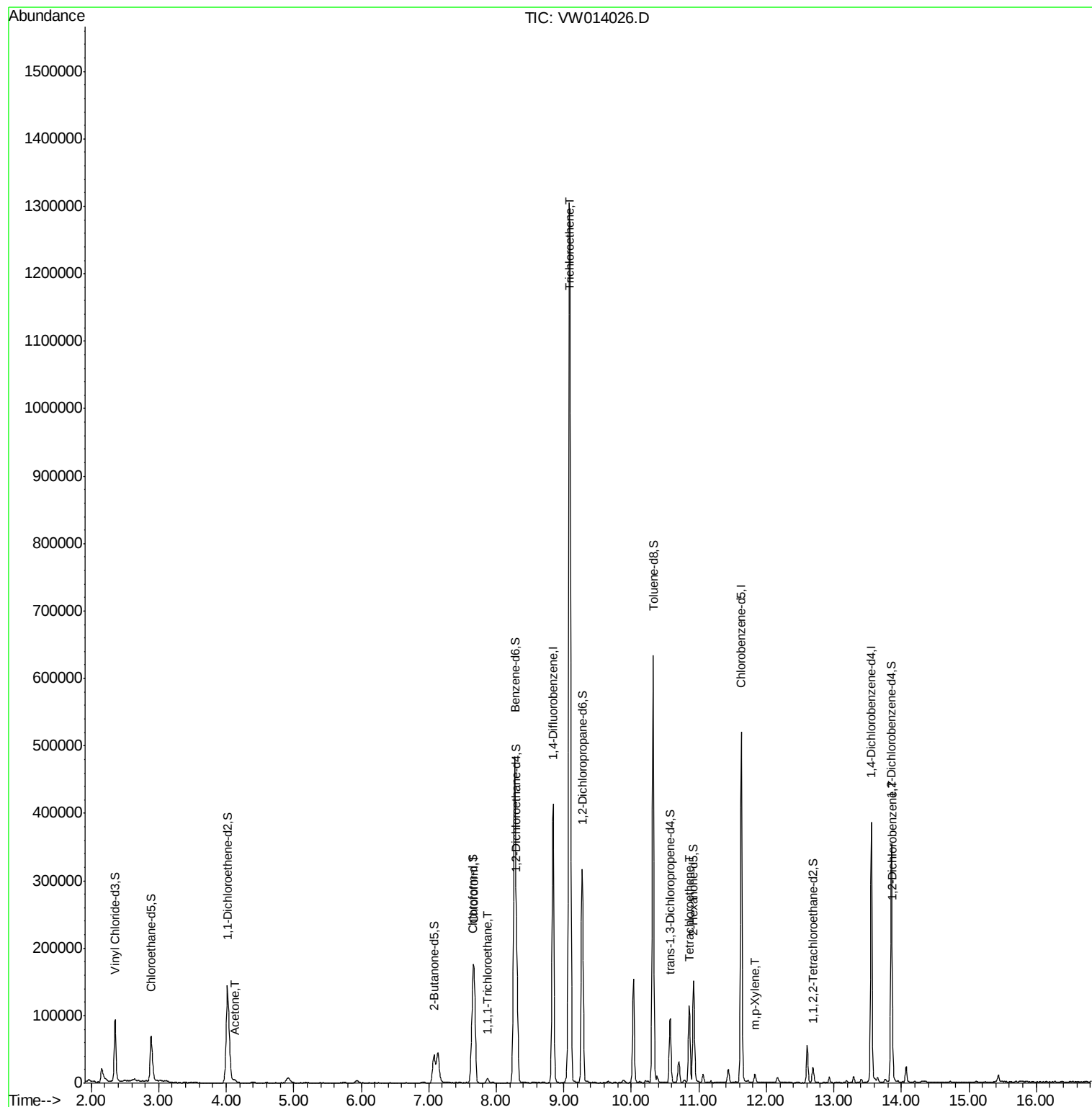
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111419\
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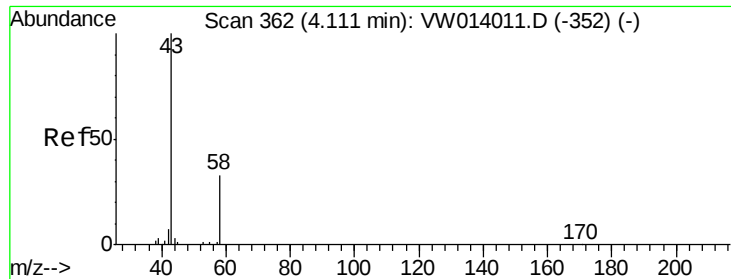
Instrument :
MSVOA_W
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Quant Time: Nov 15 03:36:08 2019
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Quant Title : VOC Analysis
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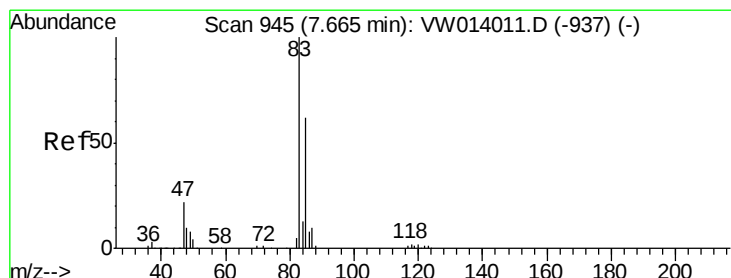
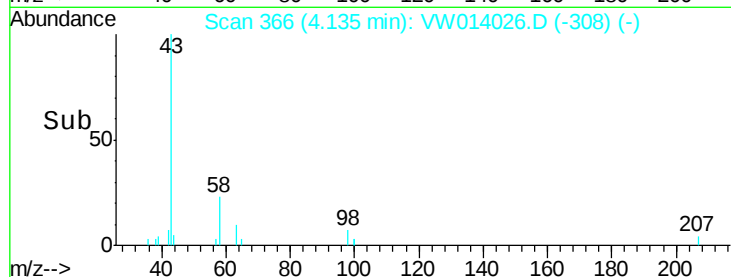
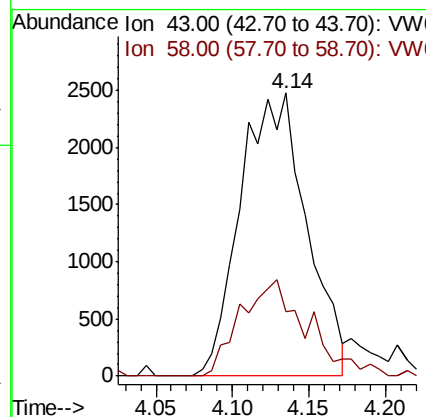
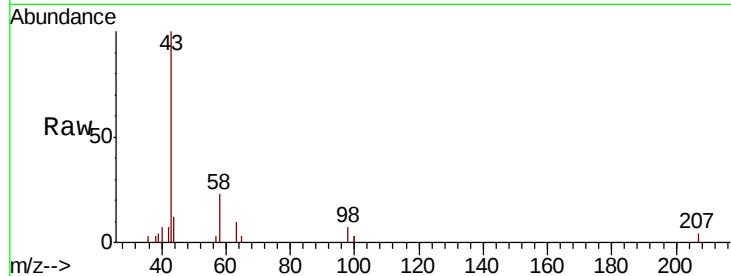
#13
Acetone
Concen: 4.340 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW014026.D
Acq: 14 Nov 2019 17:39

Instrument :
MSVOA_W
ClientSampled :
BFLY0

Tot Ion	43	58	Ratio	Lower	Upper
7451	100	18.4		0.0	65.4

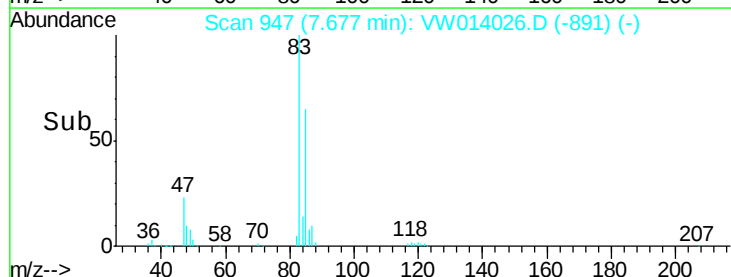
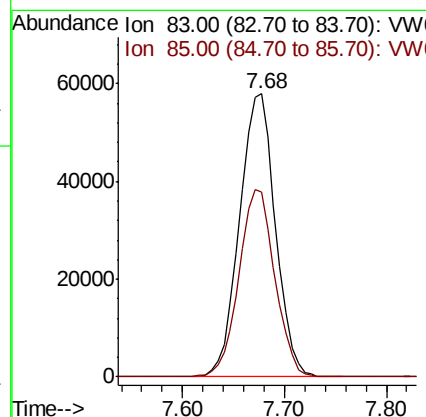
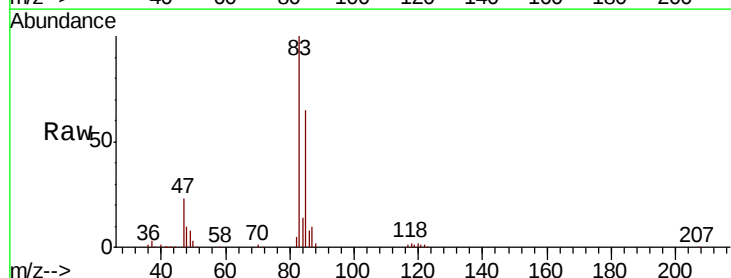
Manual Integrations
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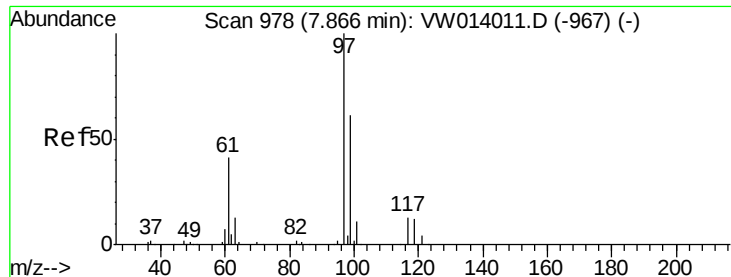
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#25
Chloroform
Concen: 13.313 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW014026.D
Acq: 14 Nov 2019 17:39

Tgt Ion	83	85	Ratio	Lower	Upper
141124	100	66.1		46.1	85.7





#31

1,1,1-Trichloroethane

Concen: 0.705 ug/L

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014026.D

Acq: 14 Nov 2019 17:39

Instrument :

MSVOA_W

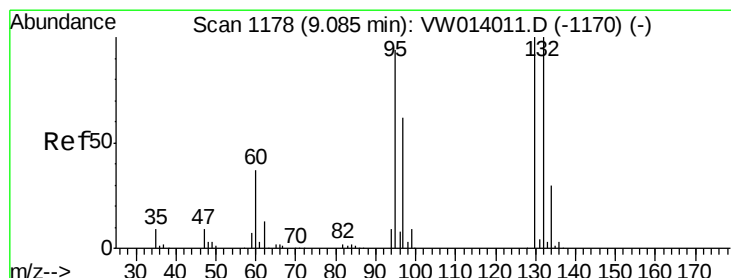
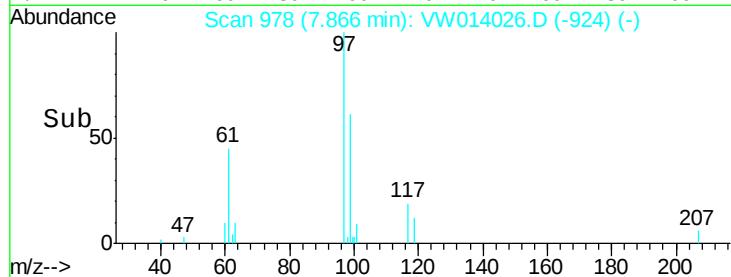
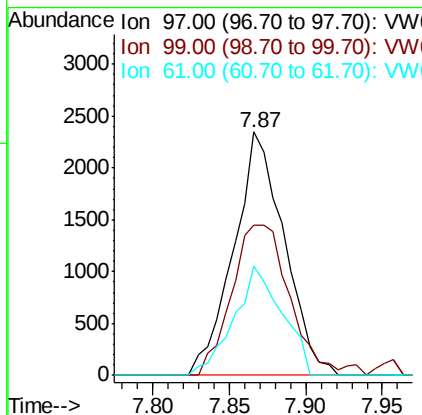
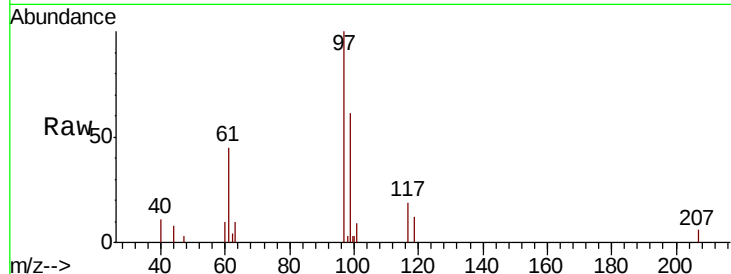
ClientSampleId :

BFLY0

Tot Ion:	97	Resp:	5386
Ion	Ratio	Lower	Upper
97	100		
99	70.1	51.1	76.7
61	42.7	32.8	49.2

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#35

Trichloroethene

Concen: 67.390 ug/L

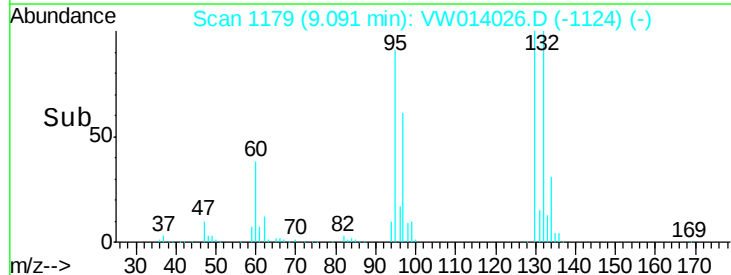
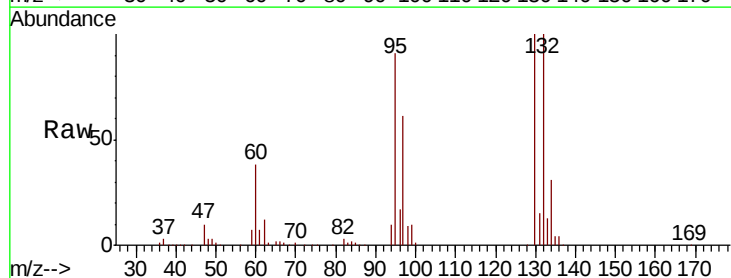
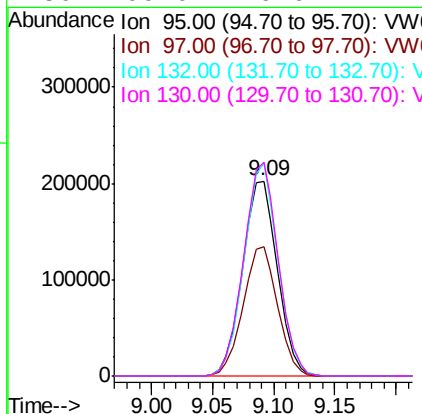
RT: 9.09 min Scan# 1179

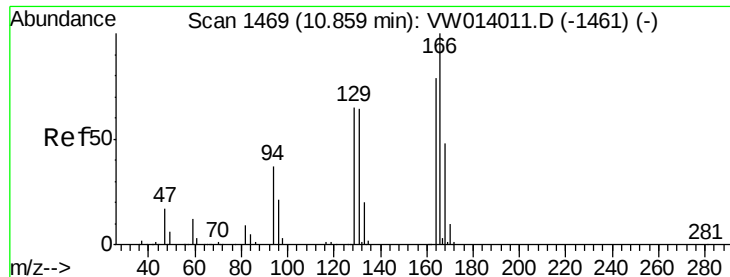
Delta R.T. 0.01 min

Lab File: VW014026.D

Acq: 14 Nov 2019 17:39

Tgt Ion:	95	Resp:	401716
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.1	83.9
132	106.1	73.7	136.9
130	109.0	76.6	142.2





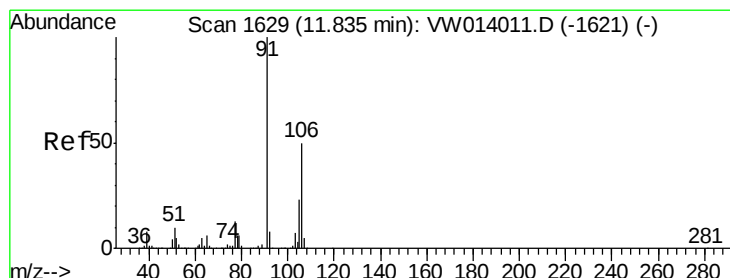
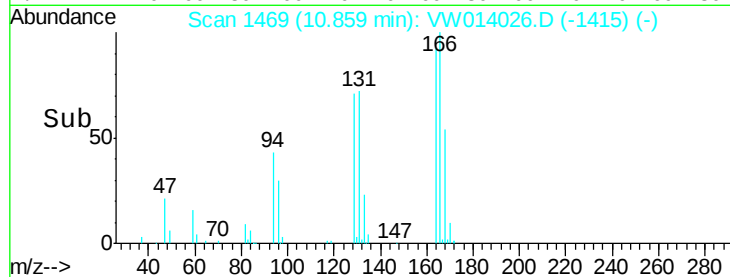
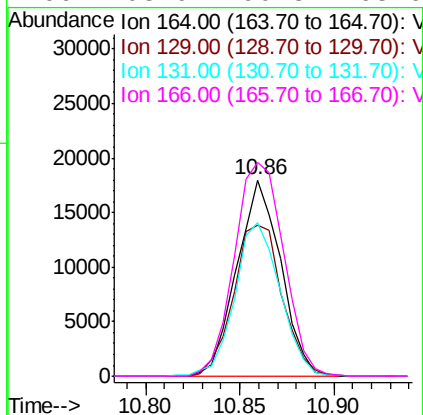
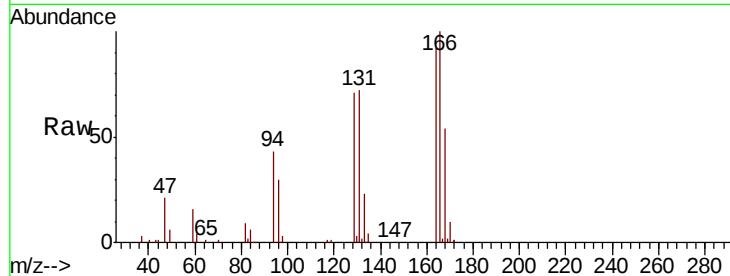
#47
Tetrachloroethene
Concen: 5.468 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014026.D
Acq: 14 Nov 2019 17:39

Instrument :
MSVOA_W
ClientSampleId :
BFLY0

Tot Ion	Ratio	Lower	Upper
164	100		
129	77.1	60.6	112.6
131	78.0	59.1	109.7
166	108.9	90.8	168.6

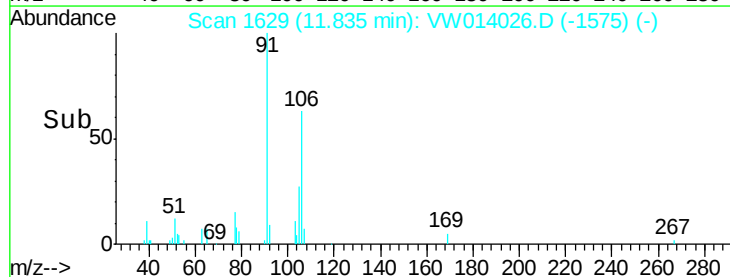
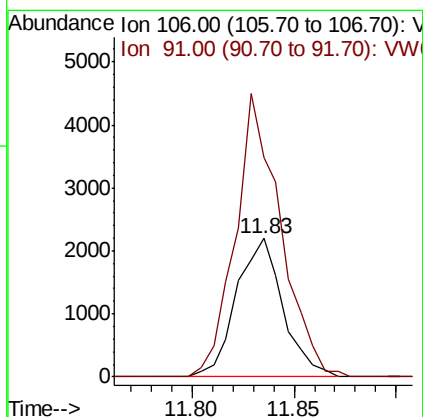
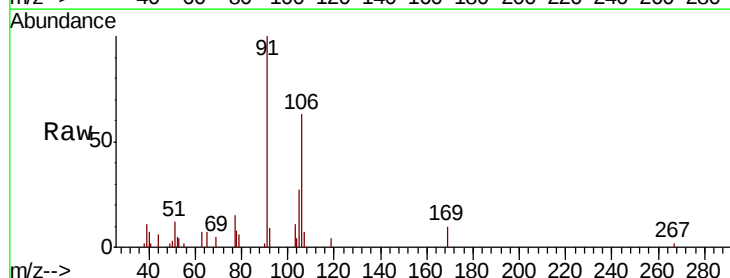
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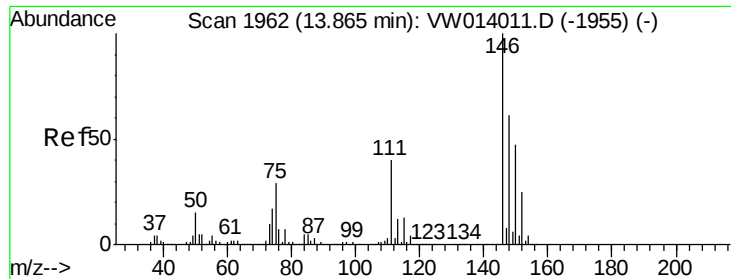
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#54
m,p-Xylene
Concen: 0.336 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014026.D
Acq: 14 Nov 2019 17:39

Tgt Ion	Ratio	Lower	Upper
106	100		
91	158.2	138.7	257.5





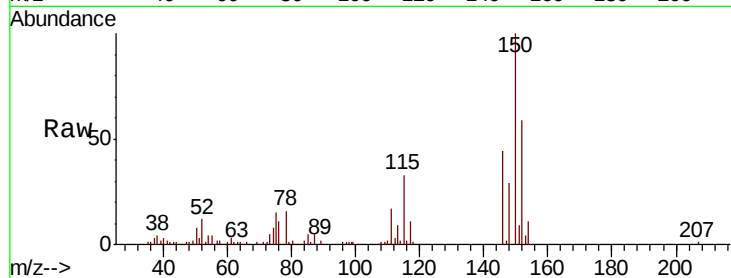
#65
 1,2-Dichlorobenzene
 Concen: 2.314 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW014026.D
 Acq: 14 Nov 2019 17:39

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLY0

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	30.5	45.7
148	65.7	49.4	74.2

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Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

