

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
 Data File : VW014022.D
 Acq On : 14 Nov 2019 15:53
 Operator : SY/VA
 Sample : K5798-17
 Misc : 4.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLX6

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 9:43:09 AM

Quant Time: Nov 15 03:21:19 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	334049	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118371	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
7) Chloroethane-d5	2.89	69	105046	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	4.02	63	183452	16.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
20) 2-Butanone-d5	7.07	46	106137	68.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.10%#
24) Chloroform-d	7.64	84	229414	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.30	65	152505	29.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.12%
29) Benzene-d6	8.27	84	587515	30.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.64%
33) 1,2-Dichloropropane-d6	9.27	67	186143	33.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.72%#
37) Toluene-d8	10.32	98	483639	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.32%
38) trans-1,3-Dichloropropene-	10.57	79	60228	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.04%
39) 2-Hexanone-d5	10.92	63	75517	71.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89254	21.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	110315	30.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.64%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	12171	7.725 ug/L	95
15) Methyl Acetate	4.67	43	15105	5.925 ug/L	96
16) Methylene chloride	4.93	84	14091m	2.191 ug/L	
25) Chloroform	7.67	83	55769	5.733 ug/L	95
35) Trichloroethene	9.09	95	46346	8.841 ug/L	99
44) Toluene	10.39	91	8159	0.381 ug/L	96
47) Tetrachloroethene	10.86	164	7095	1.519 ug/L	89
65) 1,2-Dichlorobenzene	13.86	146	8644	1.552 ug/L	95

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

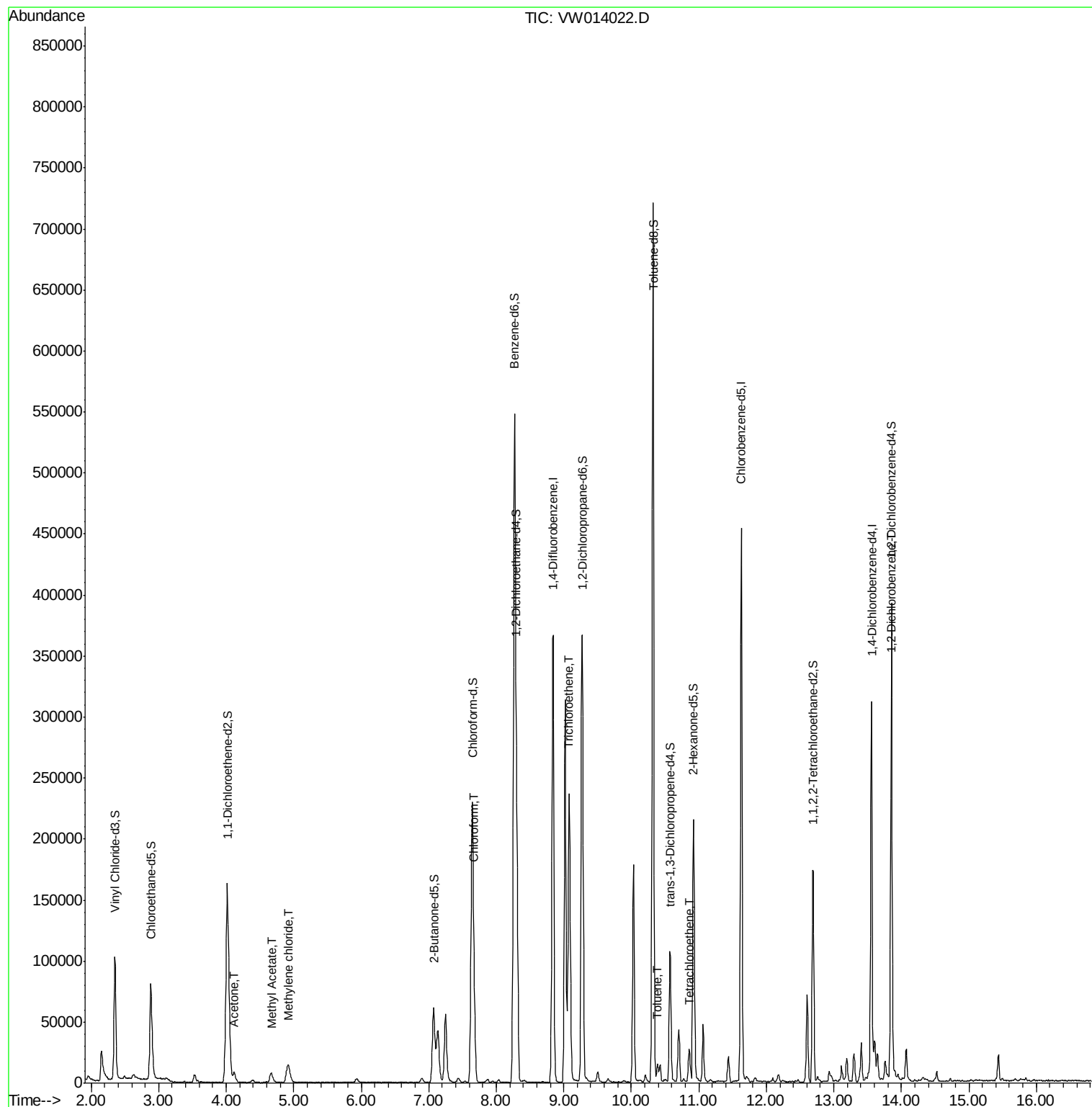
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111419\
Data File : VW014022.D
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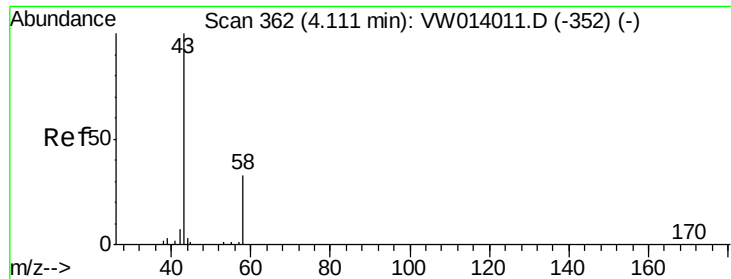
Instrument :
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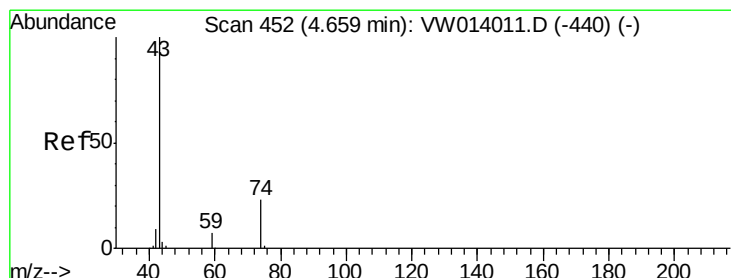
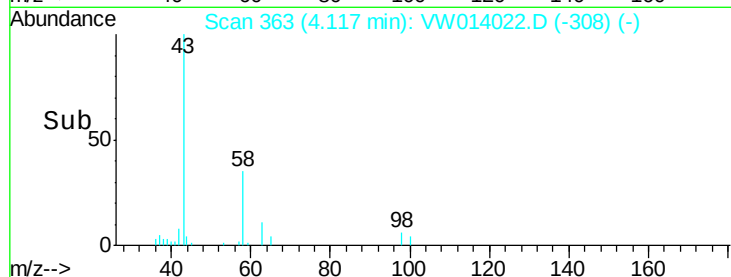
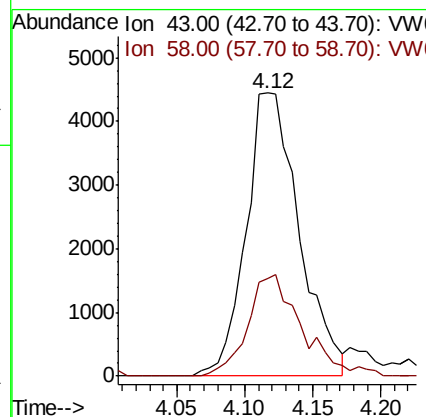
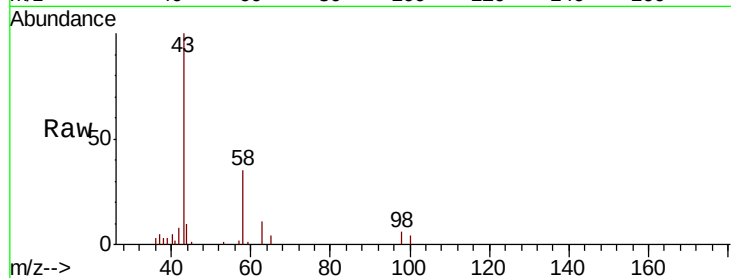
#13
Acetone
Concen: 7.725 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014022.D
Acq: 14 Nov 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
BFLX6

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.4	0.0	65.4

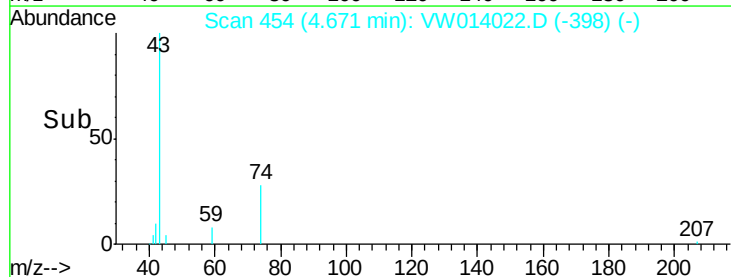
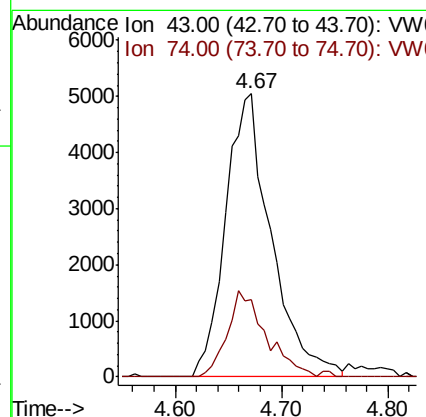
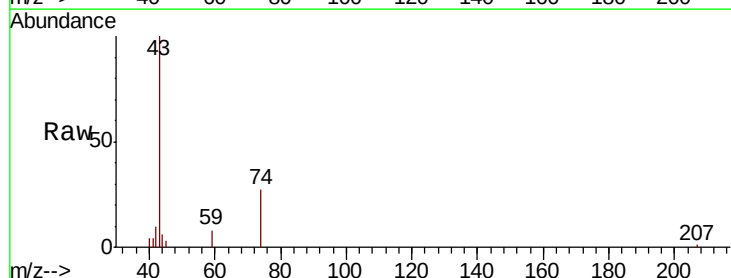
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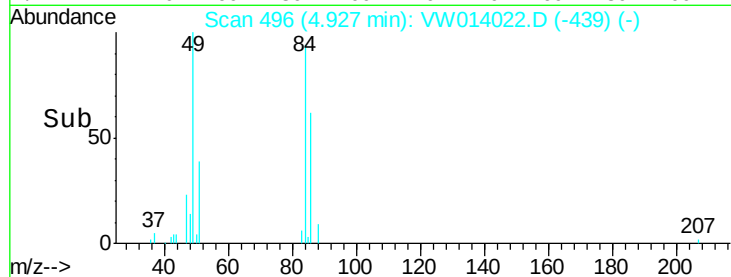
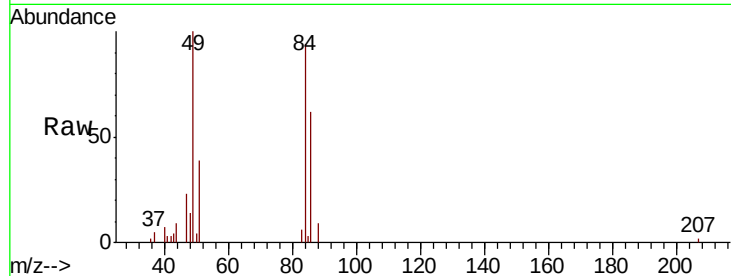
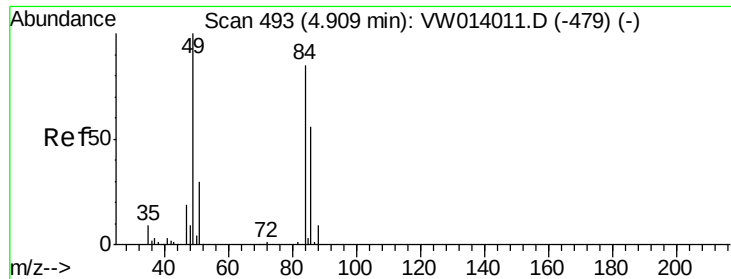
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#15
Methyl Acetate
Concen: 5.925 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW014022.D
Acq: 14 Nov 2019 15:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	19.3	28.9





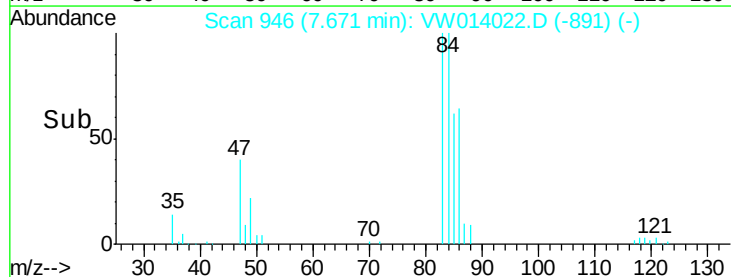
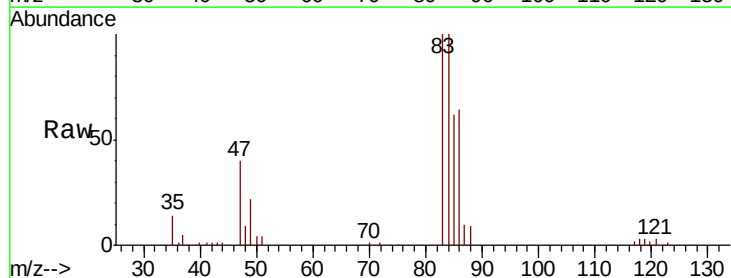
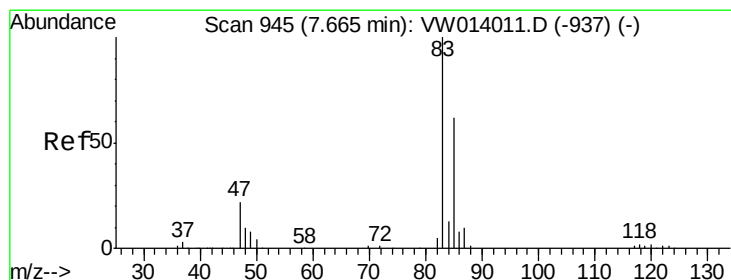
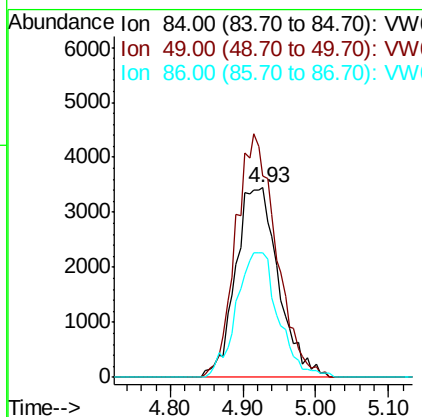
#16
Methvlene chloride
Concen: 2.191 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.02 min
Lab File: VW014022.D
Acq: 14 Nov 2019 15:53

Tot Ion	Ratio	Lower	Upper
84	100		
49	106.1	84.2	156.4
86	65.7	43.7	81.1

Instrument :
MSVOA_W
ClientSampleId :
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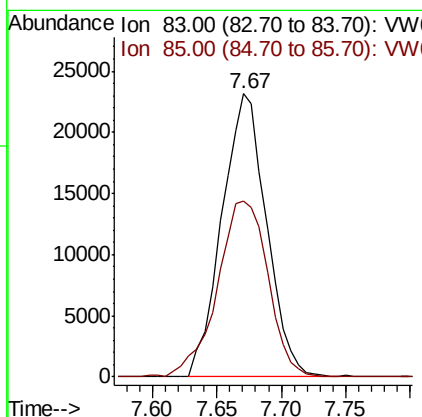
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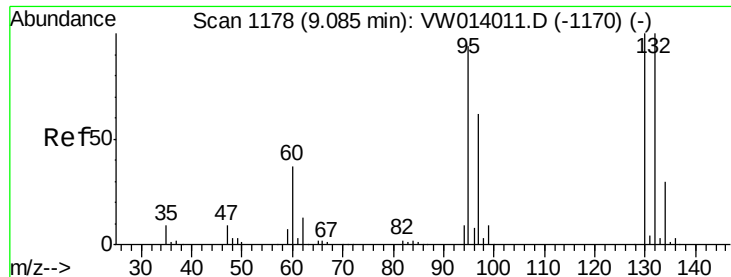
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#25
Chloroform
Concen: 5.733 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.01 min
Lab File: VW014022.D
Acq: 14 Nov 2019 15:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.3	46.1	85.7





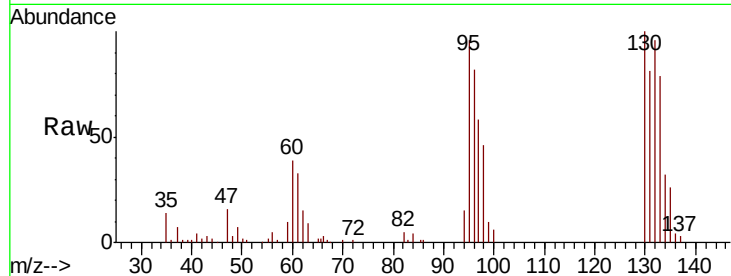
#35
 Trichloroethene
 Concen: 8.841 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VW014022.D
 Acq: 14 Nov 2019 15:53

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLX6

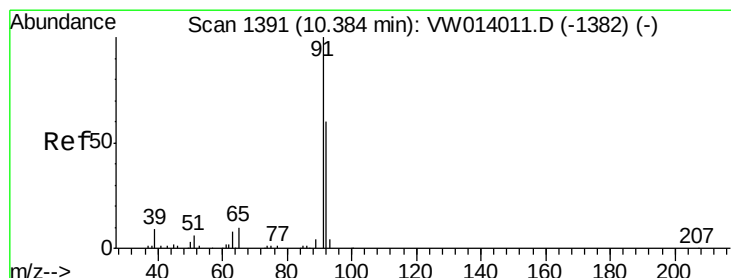
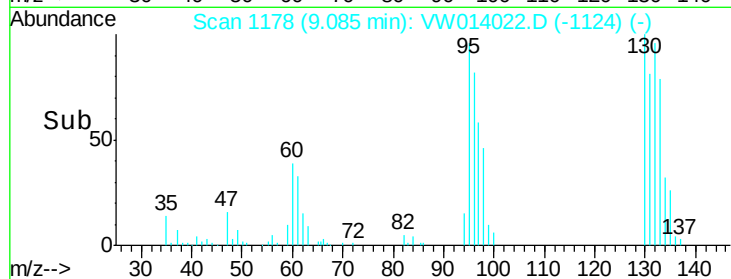
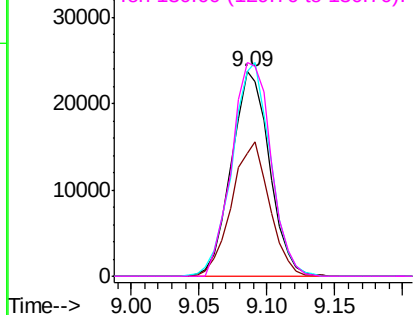
Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		46346		
97	65.3	45.1	83.9		
132	105.1	73.7	136.9		
130	107.6	76.6	142.2		

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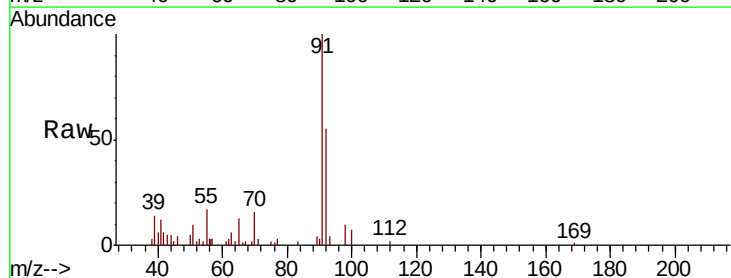


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

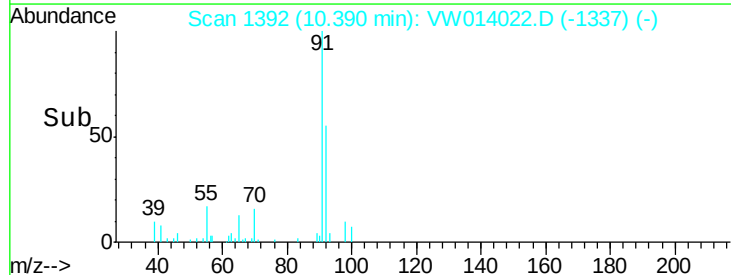
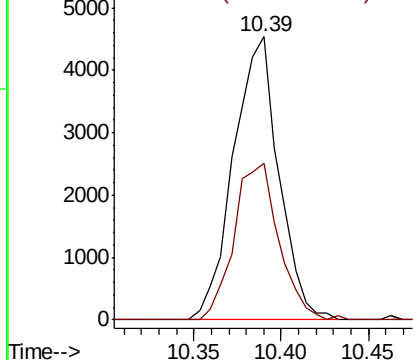


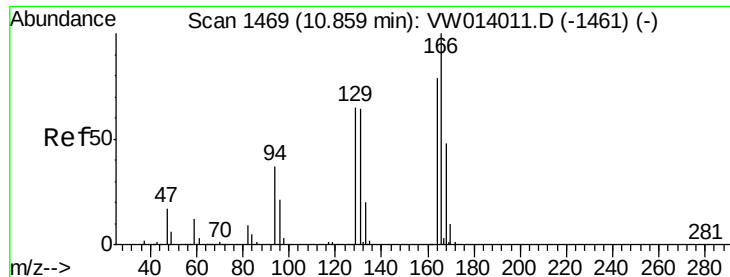
#44
 Toluene
 Concen: 0.381 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW014022.D
 Acq: 14 Nov 2019 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		8159		
92	55.2	40.7	75.7		



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW





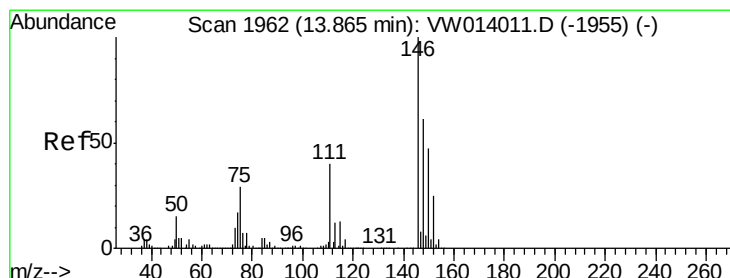
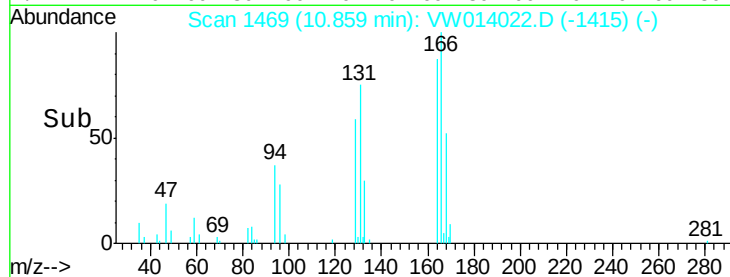
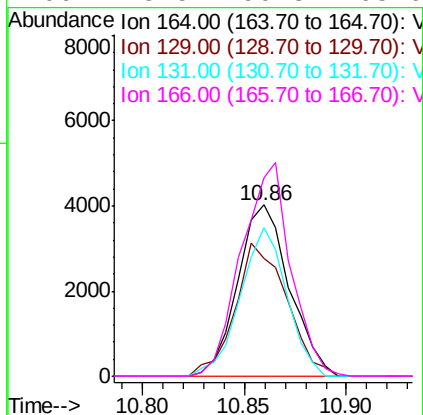
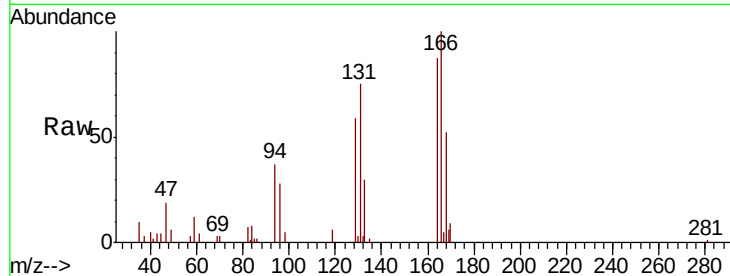
#47
Tetrachloroethene
Concen: 1.519 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014022.D
Acq: 14 Nov 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
BFLX6

Tot Ion:	164	Resp:	7095
Ion	Ratio	Lower	Upper
164	100		
129	68.7	60.6	112.6
131	86.3	59.1	109.7
166	115.5	90.8	168.6

Manual Integrations
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11/15/2019 9:43:09 AM



#65
1,2-Dichlorobenzene
Concen: 1.552 ug/L
RT: 13.86 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VW014022.D
Acq: 14 Nov 2019 15:53

Tgt Ion:	146	Resp:	8644
Ion	Ratio	Lower	Upper
146	100		
111	44.8	30.5	45.7
148	62.7	49.4	74.2

