

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009765.D
 Acq On : 06 Apr 2019 11:51
 Operator : SY/VA
 Sample : K2259-03
 Misc : 4.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ42

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:00 AM

Quant Time: Apr 07 04:55:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	270546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	193297	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44011	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77383	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
7) Chloroethane-d5	2.89	69	86398	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
10) 1,1-Dichloroethene-d2	4.01	63	151076	19.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.36%
20) 2-Butanone-d5	7.08	46	39939	34.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.50%
24) Chloroform-d	7.65	84	230877	31.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.08%
26) 1,2-Dichloroethane-d4	8.31	65	150261m	33.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.60%#
29) Benzene-d6	8.27	84	389311	38.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.48%#
33) 1,2-Dichloropropane-d6	9.27	67	134245	42.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	171.32%#
37) Toluene-d8	10.32	98	284908	30.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.48%
38) trans-1,3-Dichloropropene-	10.58	79	34827	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.20%
39) 2-Hexanone-d5	10.93	63	24968	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111141	38.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	152.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	45626	29.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	58529	47.522	ug/L	99
16) Methylene chloride	4.91	84	13187m	2.764	ug/L	
21) 2-Butanone	7.15	43	61306m	39.139	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	3012	0.754	ug/L	90
35) Trichloroethene	9.09	95	17684	5.810	ug/L	97
47) Tetrachloroethene	10.85	164	1649	0.688	ug/L	90
54) m,p-Xylene	11.83	106	2076	0.400	ug/L	98

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

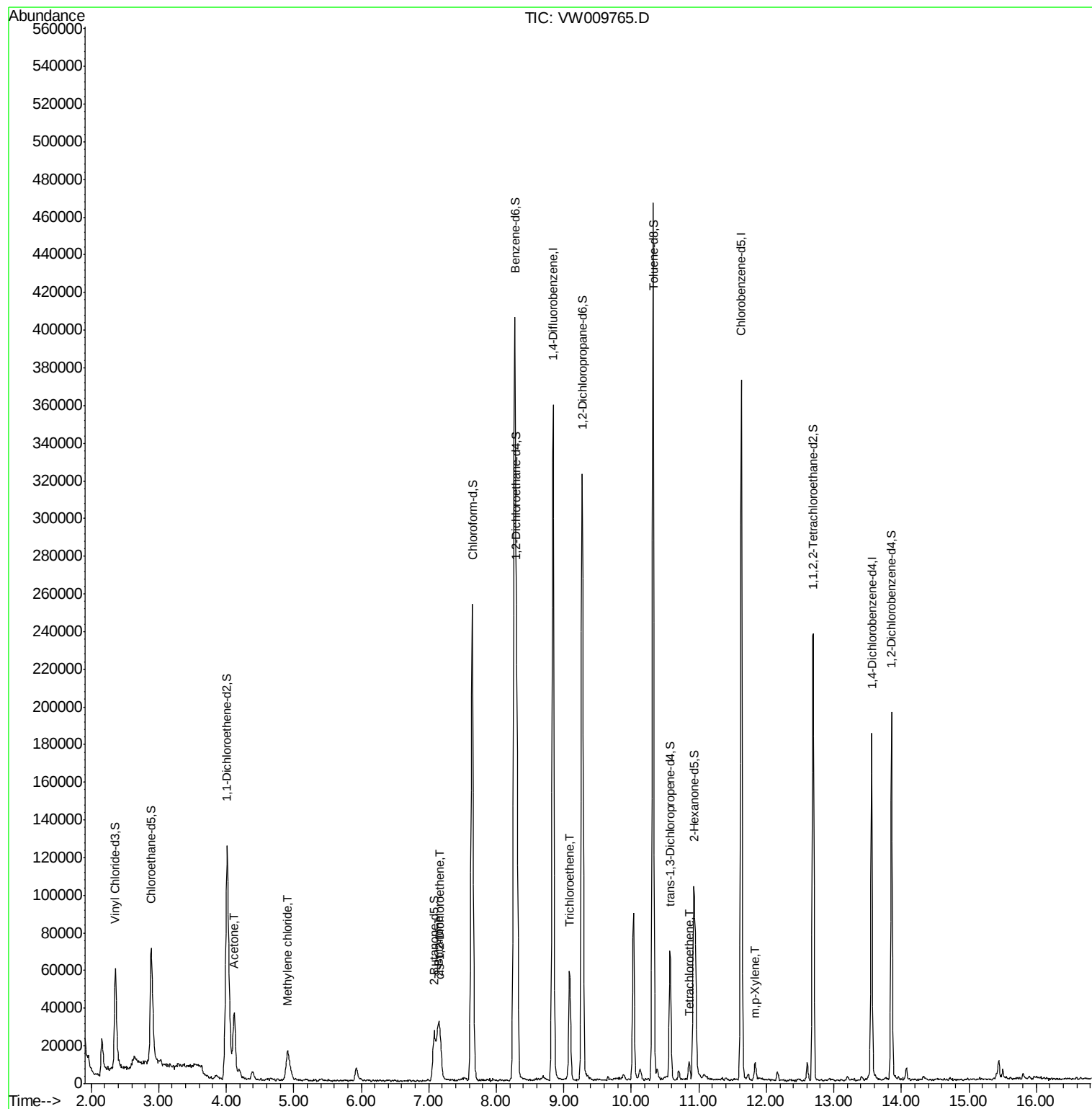
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009765.D
Acq On : 06 Apr 2019 11:51
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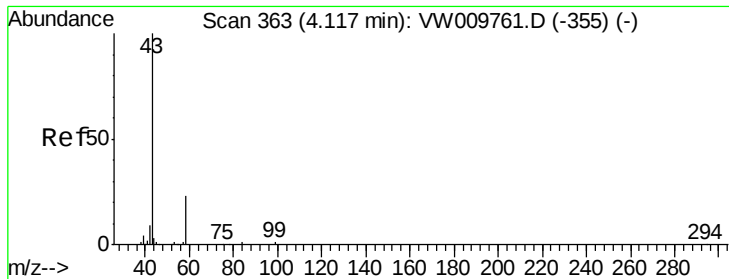
Instrument :
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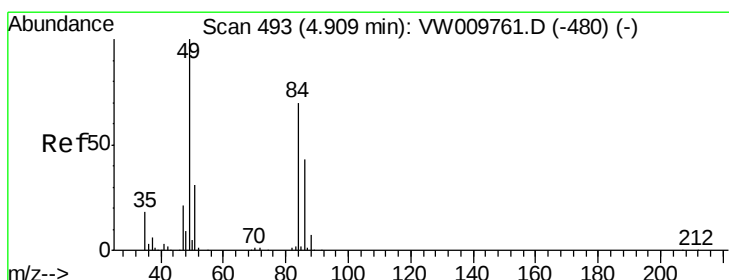
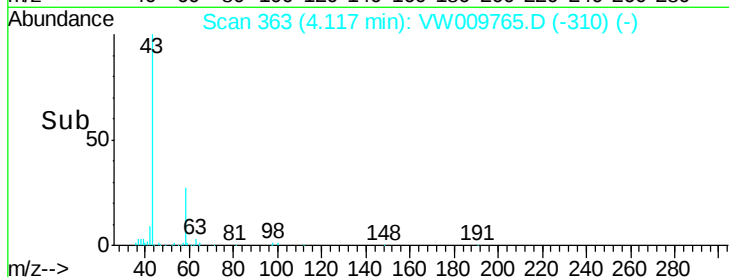
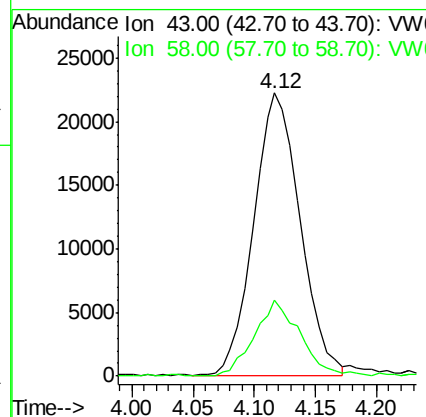
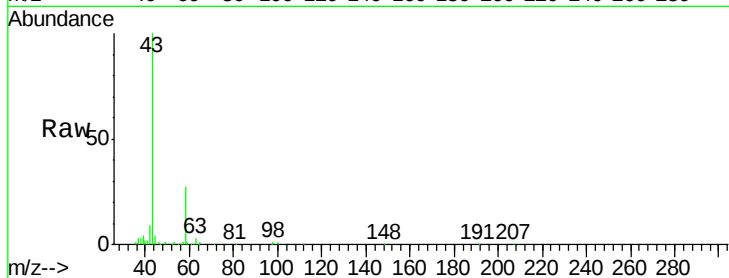
#13
Acetone
Concen: 47.522 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009765.D
Acq: 06 Apr 2019 11:51

Instrument :
MSVOA_W
ClientSampled :
ETJ42

Tot Ion	Ratio	Lower	Upper
43	100		
58	26.2	0.0	53.0

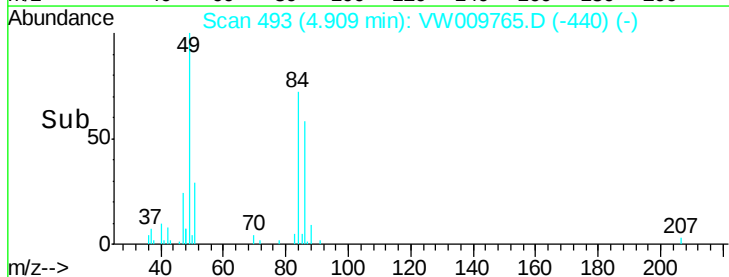
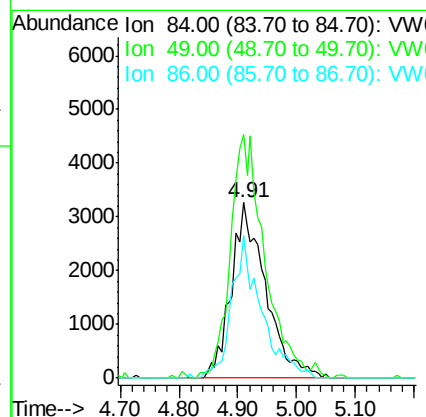
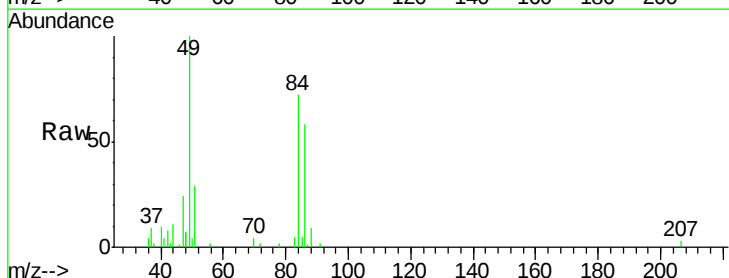
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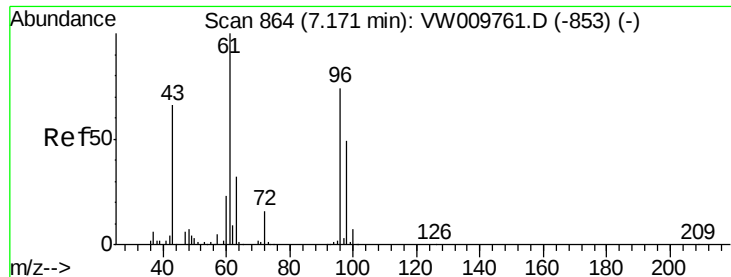
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#16
Methylene chloride
Concen: 2.764 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009765.D
Acq: 06 Apr 2019 11:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.6	98.3	182.5
86	80.9	46.4	86.2





#21

2-Butanone

Concen: 39.139 ug/L m

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

ETJ42

Tot Ion: 43 Resp: 61306

Ion Ratio Lower Upper

43 100

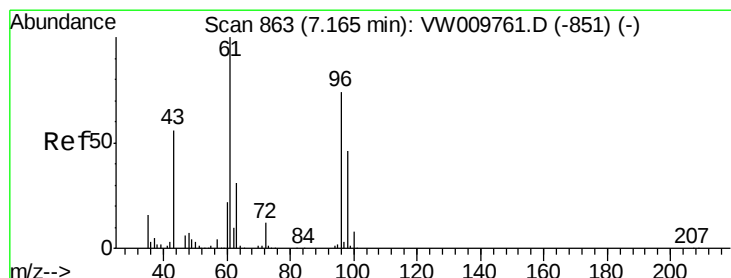
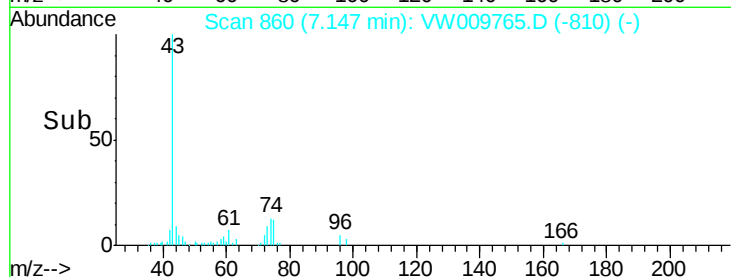
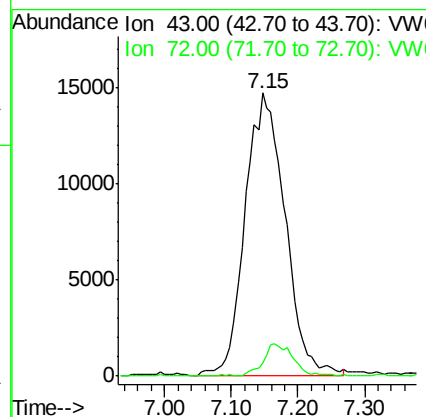
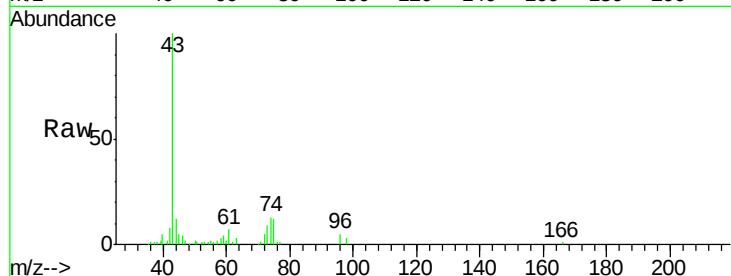
72 0.1 12.0 36.1#

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#22

cis-1,2-Dichloroethene

Concen: 0.754 ug/L

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

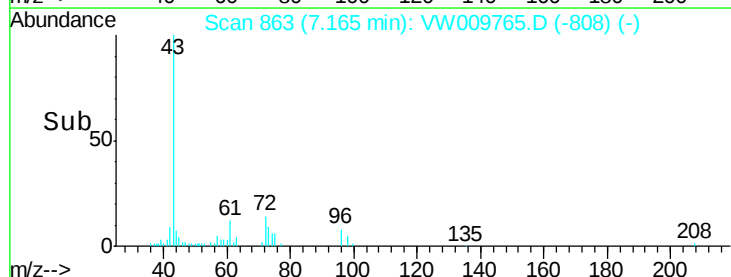
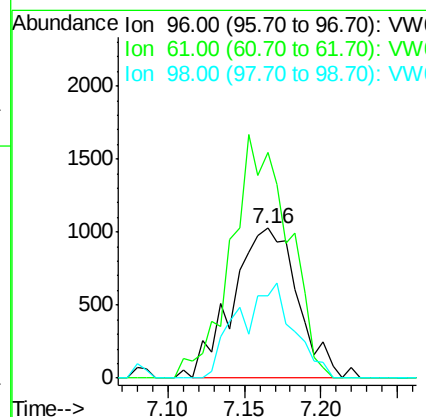
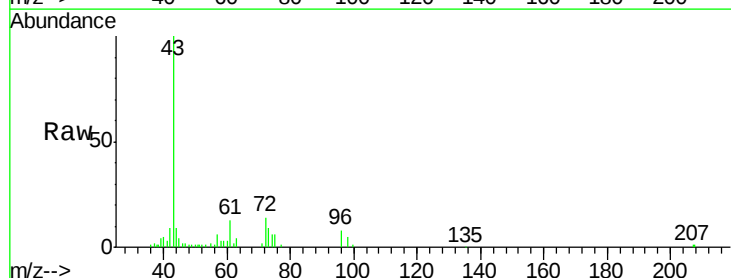
Tgt Ion: 96 Resp: 3012

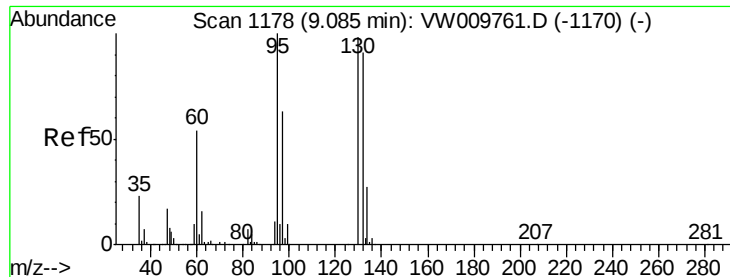
Ion Ratio Lower Upper

96 100

61 150.3 96.8 179.8

98 55.4 43.5 80.9





#35

Trichloroethene

Concen: 5.810 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

Instrument :

MSVOA_W

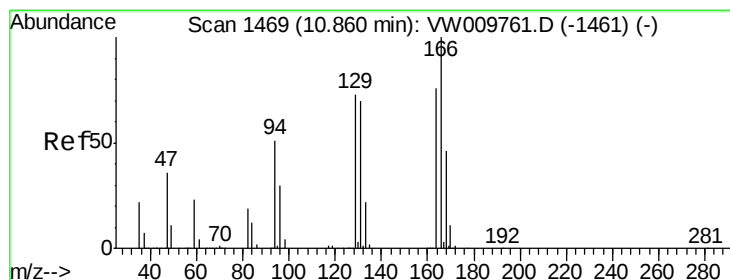
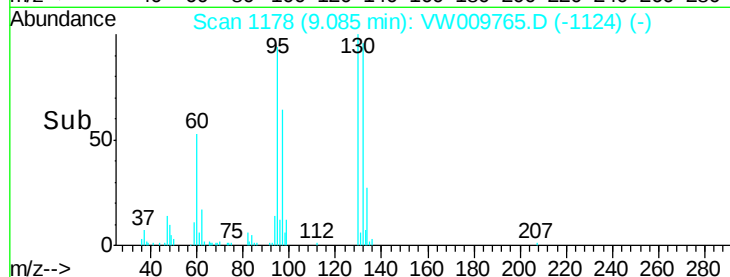
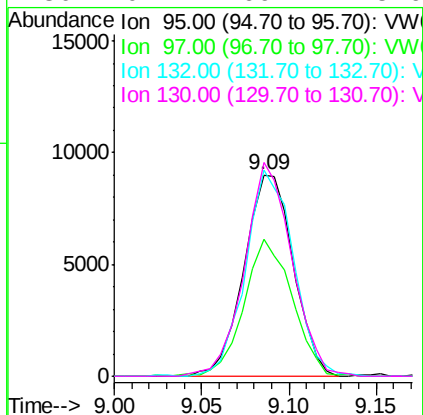
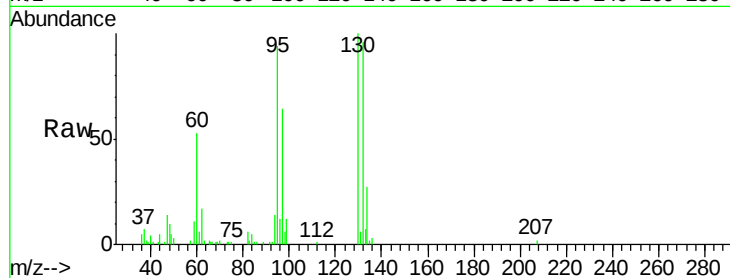
ClientSampleId :

ETJ42

Tot Ion:	95	Resp:	17684
Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.9	83.5
132	99.4	67.1	124.7
130	101.7	69.2	128.6

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#47

Tetrachloroethene

Concen: 0.688 ug/L

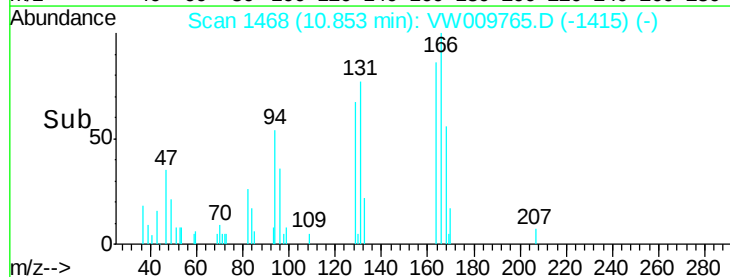
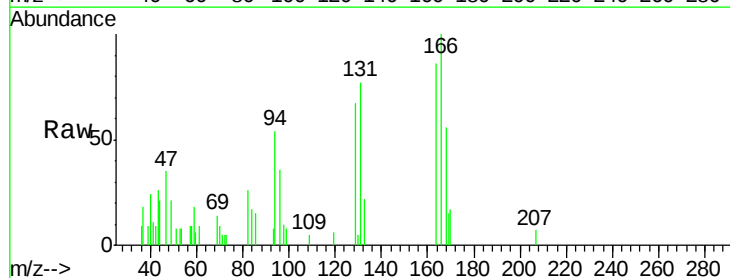
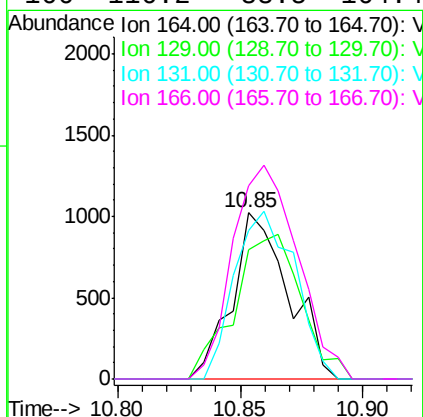
RT: 10.85 min Scan# 1468

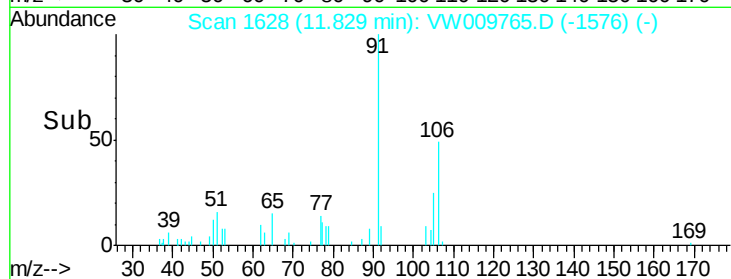
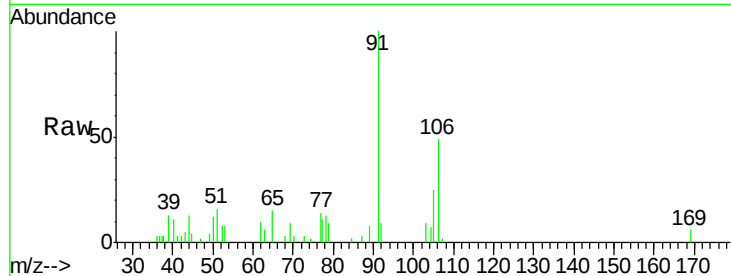
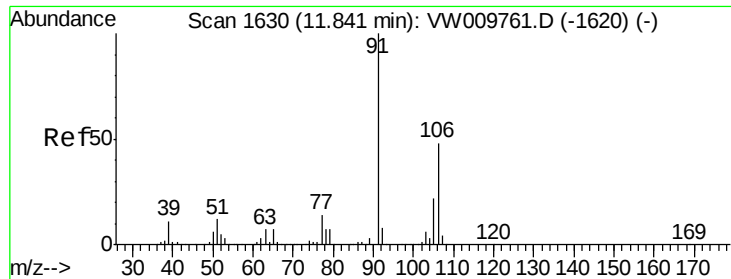
Delta R.T. -0.01 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

Tgt Ion:	164	Resp:	1649
Ion	Ratio	Lower	Upper
164	100		
129	77.8	68.9	127.9
131	89.2	63.1	117.1
166	116.2	88.5	164.4





#54
 m,p-Xylene
 Concen: 0.400 ug/L
 RT: 11.83 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: VW009765.D
 Acq: 06 Apr 2019 11:51

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.2	145.3	269.9

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ42

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