

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
 Data File : VW011804.D
 Acq On : 09 Aug 2019 11:14
 Operator : SY/VA
 Sample : K4215-05RE
 Misc : 5.43G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB6RE

Quant Time: Aug 10 03:46:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	152525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	93865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	21827	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68077	31.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.80%
7) Chloroethane-d5	2.88	69	55522	35.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	143.56%
10) 1,1-Dichloroethene-d2	4.02	63	103417	21.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.00%
20) 2-Butanone-d5	7.08	46	62183	64.30	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.60%
24) Chloroform-d	7.65	84	137409	32.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	131.20%
26) 1,2-Dichloroethane-d4	8.30	65	95206	38.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	153.60%#
29) Benzene-d6	8.27	84	239010	40.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	161.96%#
33) 1,2-Dichloropropane-d6	9.27	67	93206	48.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	195.68%#
37) Toluene-d8	10.32	98	141484	27.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.04%
38) trans-1,3-Dichloropropene-	10.58	79	28745	34.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	137.68%#
39) 2-Hexanone-d5	10.93	63	38705	86.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67394	42.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	170.36%#
61) 1,2-Dichlorobenzene-d4	13.85	152	21954	26.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.40%

Target Compounds

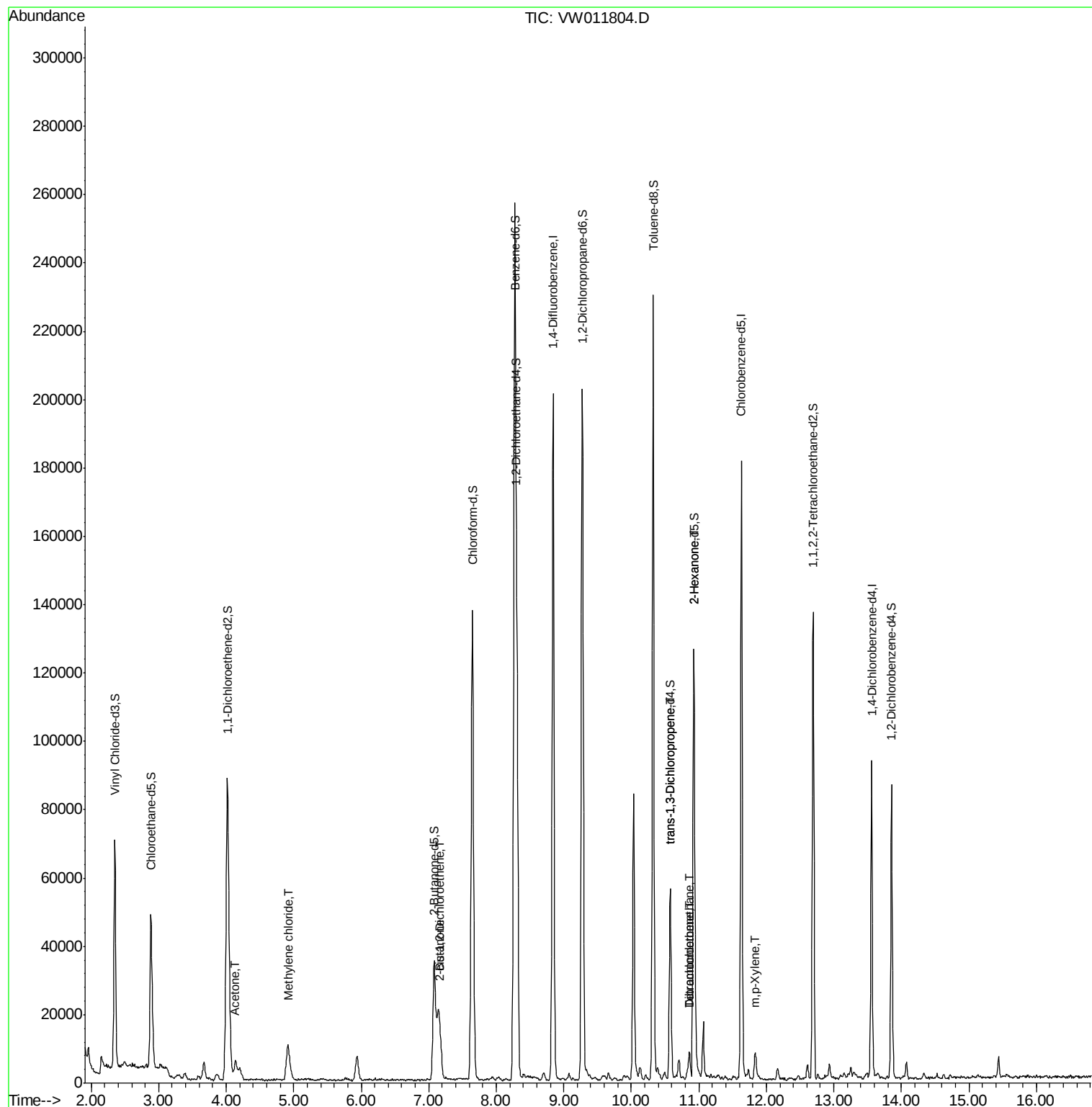
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.13	43	9013	8.702	ug/L	95
16) Methylene chloride	4.92	84	7638	3.209	ug/L	95
21) 2-Butanone	7.17	43	4947	3.810	ug/L	78
22) cis-1,2-Dichloroethene	7.16	96	2337	0.987	ug/L	81
45) trans-1,3-Dichloropropene	10.58	75	1311	0.600	ug/L #	37
47) Tetrachloroethene	10.86	164	1800	1.411	ug/L	95
49) 2-Hexanone	10.93	43	5556	4.533	ug/L #	58
50) Dibromochloromethane	10.87	129	1521	1.153	ug/L #	12
54) m,p-Xylene	11.83	106	2290	0.845	ug/L	65

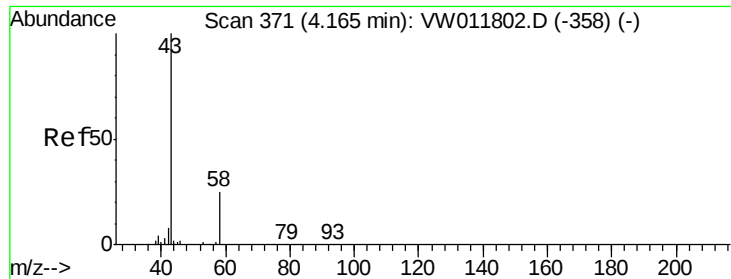
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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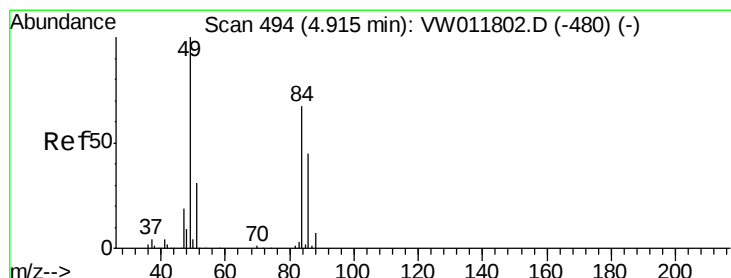
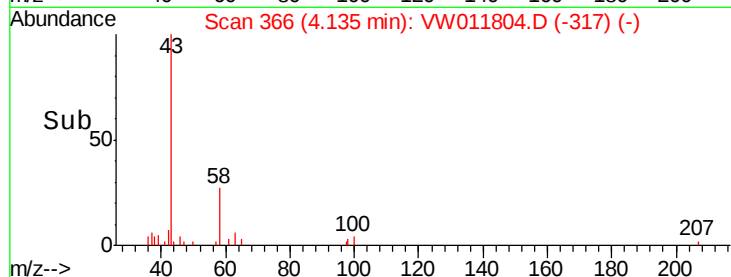
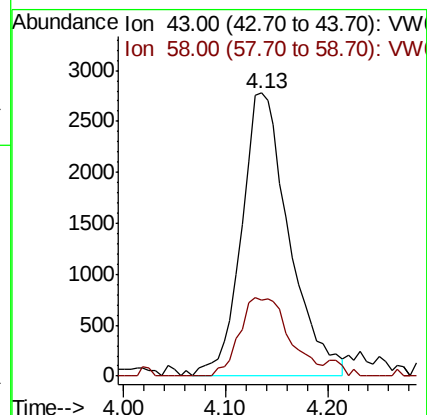
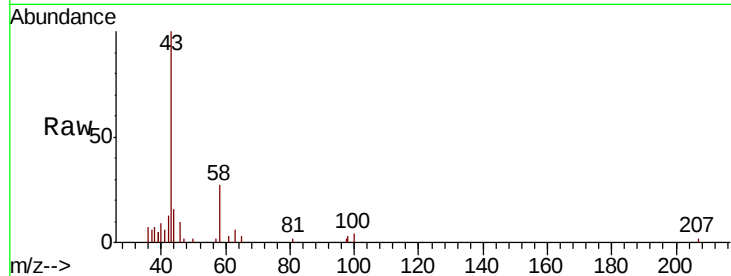




#13
Acetone
Concen: 8.702 ug/L
RT: 4.13 min Scan# 366
Delta R.T. -0.03 min
Lab File: VW011804.D
Acq: 09 Aug 2019 11:14

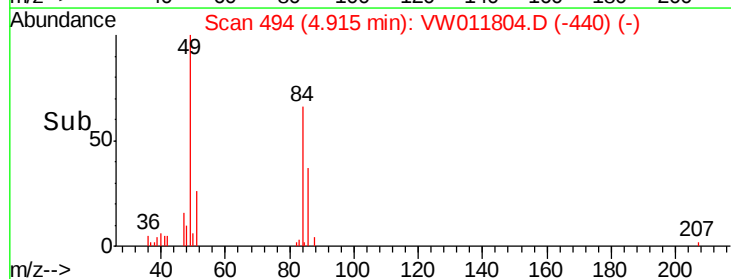
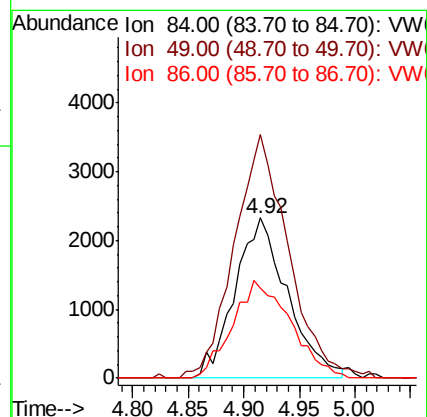
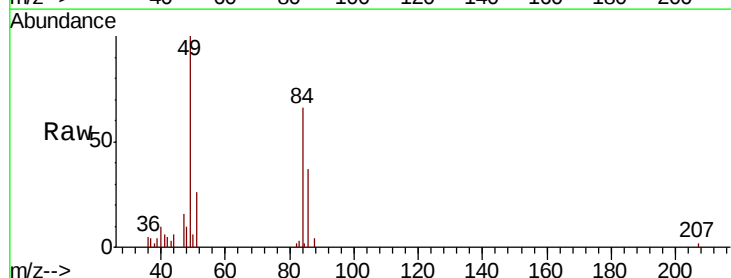
Instrument :
MSVOA_W
ClientSampleId :
ETOB6RE

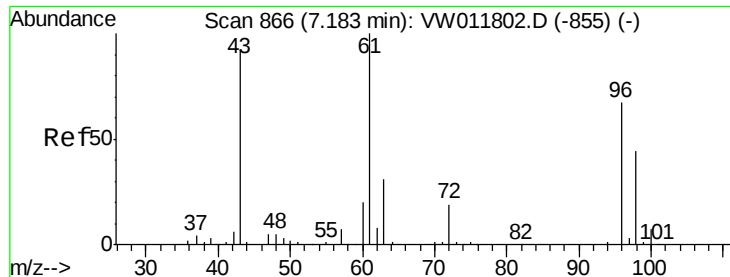
Tgt Ion: 43 Resp: 9013
Ion Ratio Lower Upper
43 100
58 29.2 0.0 53.4



#16
Methylene chloride
Concen: 3.209 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW011804.D
Acq: 09 Aug 2019 11:14

Tgt Ion: 84 Resp: 7638
Ion Ratio Lower Upper
84 100
49 148.1 106.8 198.4
86 54.5 42.8 79.4





#21

2-Butanone

Concen: 3.810 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW011804.D

Acq: 09 Aug 2019 11:14

Instrument :

MSVOA_W

ClientSampled :

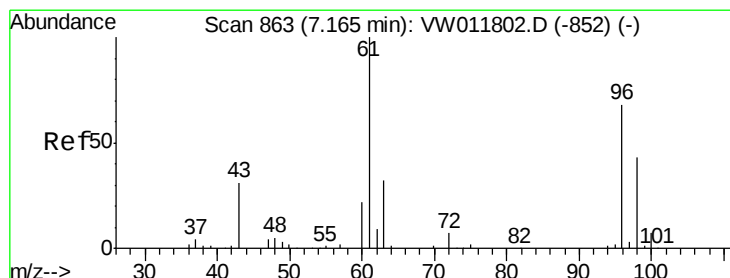
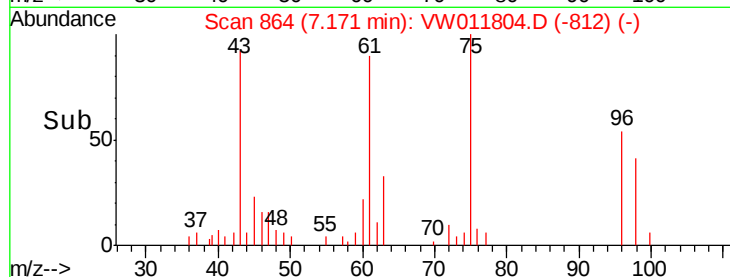
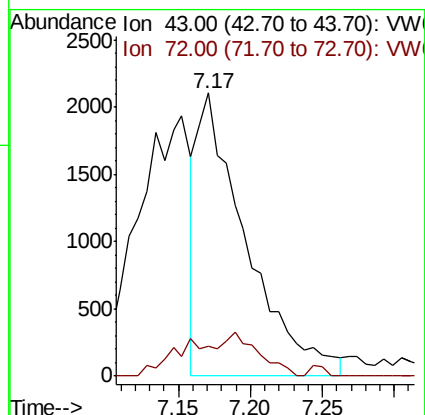
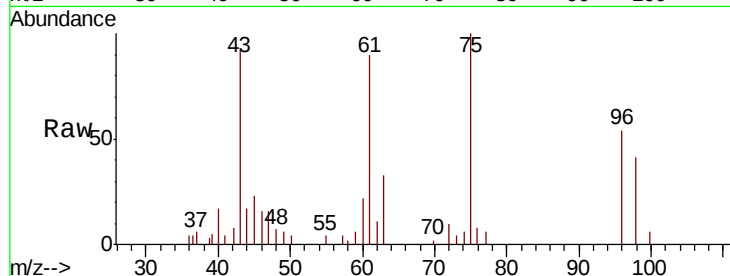
ETOB6RE

Tgt Ion: 43 Resp: 4947

Ion Ratio Lower Upper

43 100

72 10.9 10.7 32.1



#22

cis-1,2-Dichloroethene

Concen: 0.987 ug/L

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011804.D

Acq: 09 Aug 2019 11:14

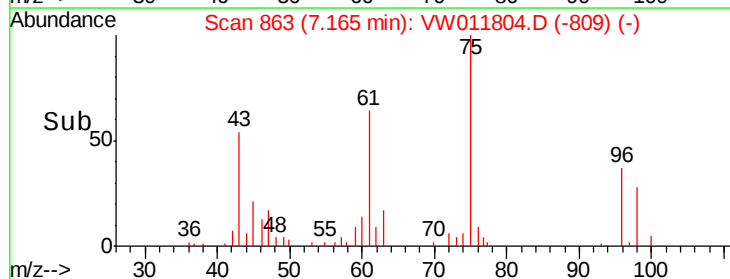
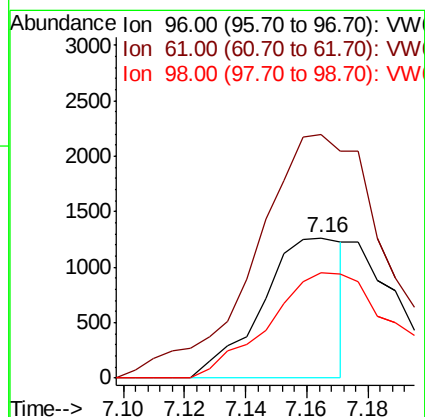
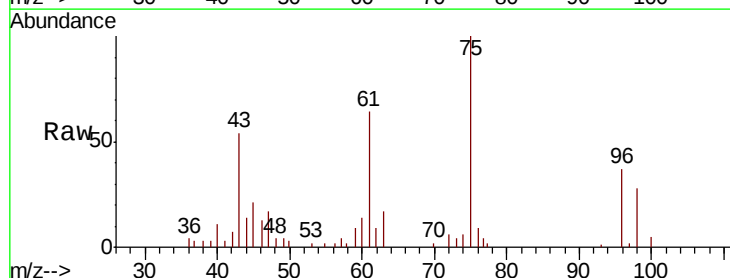
Tgt Ion: 96 Resp: 2337

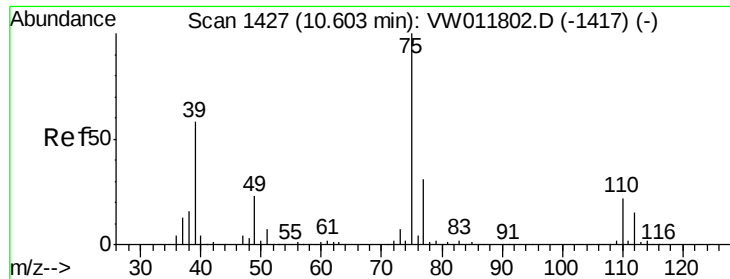
Ion Ratio Lower Upper

96 100

61 173.9 103.9 192.9

98 75.4 43.5 80.9





#45

trans-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW011804.D

Acq: 09 Aug 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

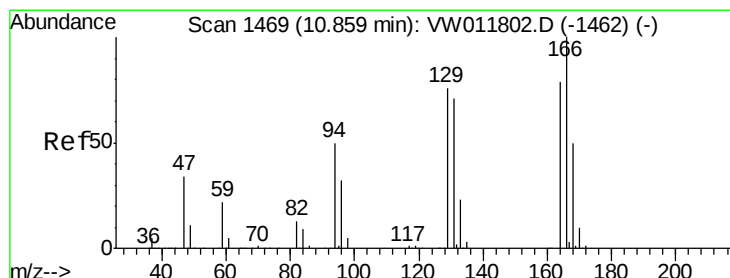
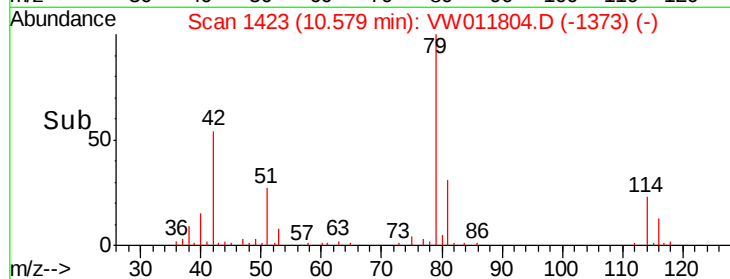
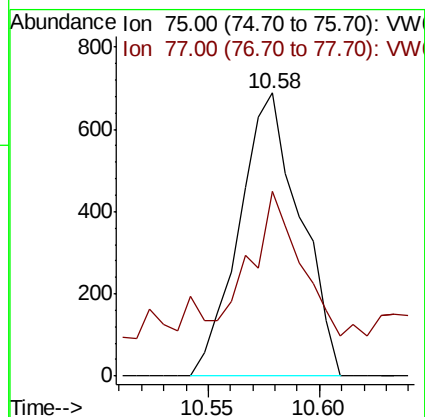
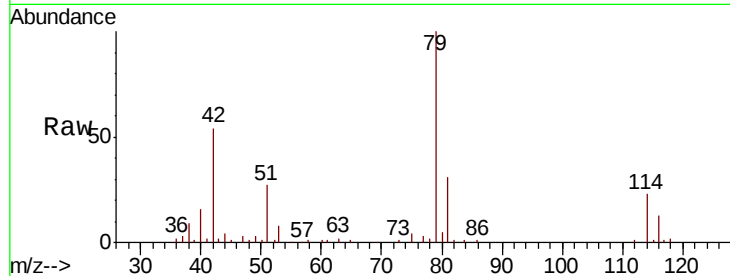
ETOB6RE

Tgt Ion: 75 Resp: 1311

Ion Ratio Lower Upper

75 100

77 65.1 21.6 40.0#



#47

Tetrachloroethene

Concen: 1.411 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW011804.D

Acq: 09 Aug 2019 11:14

Tgt Ion: 164 Resp: 1800

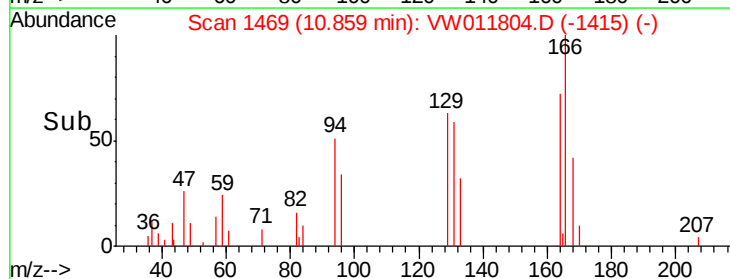
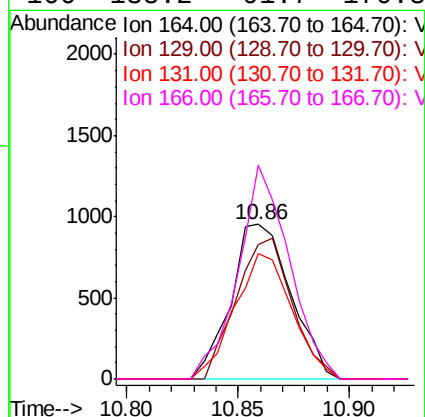
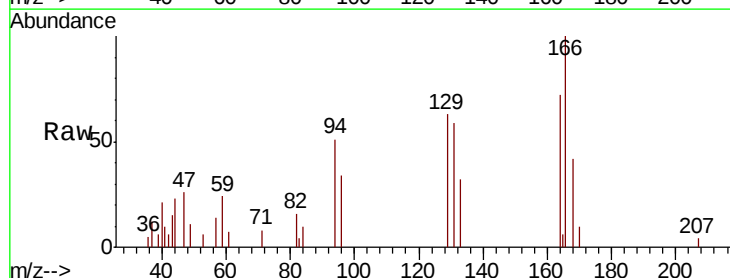
Ion Ratio Lower Upper

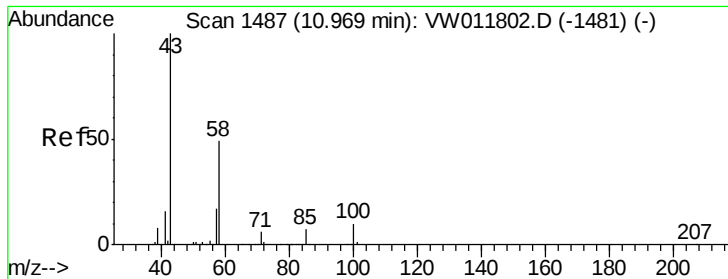
164 100

129 87.3 64.0 119.0

131 81.4 58.6 108.8

166 138.2 91.7 170.3





#49

2-Hexanone

Concen: 4.533 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW011804.D

Acq: 09 Aug 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 43 Resp: 5556

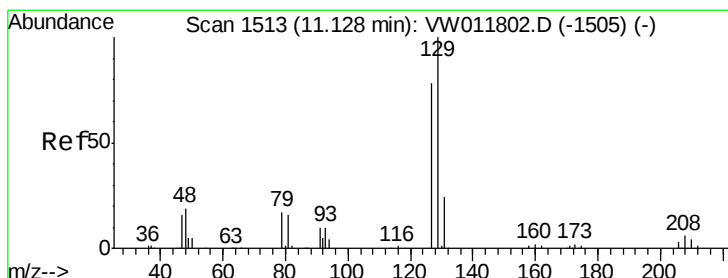
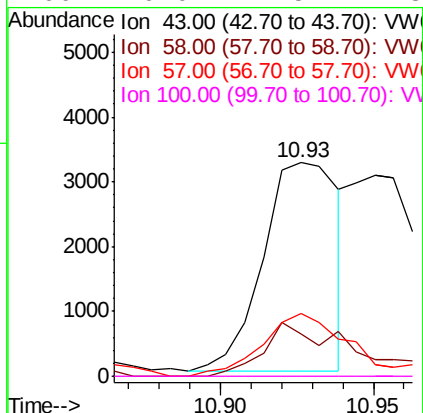
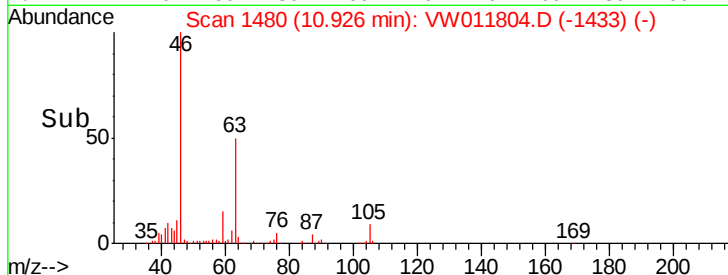
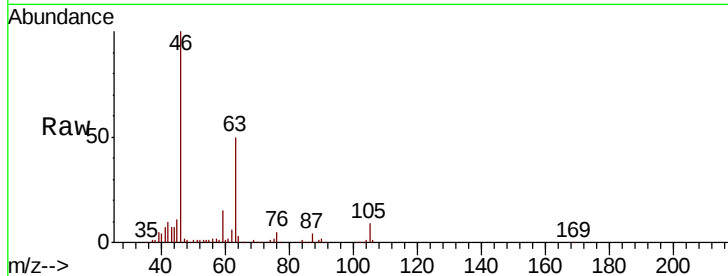
Ion Ratio Lower Upper

43 100

58 17.1 38.6 57.8#

57 32.9 13.0 19.6#

100 0.0 7.5 11.3#



#50

Dibromochloromethane

Concen: 1.153 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW011804.D

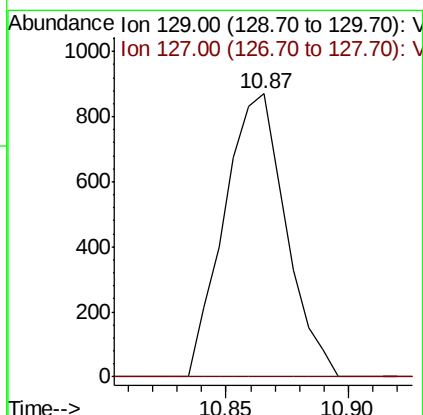
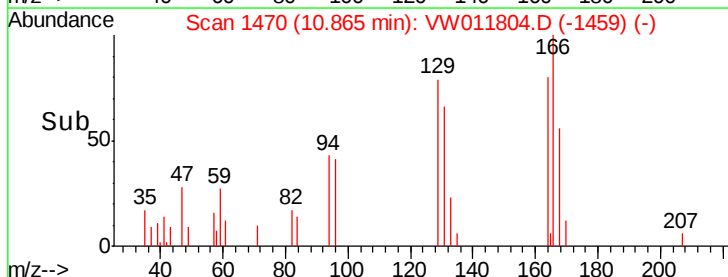
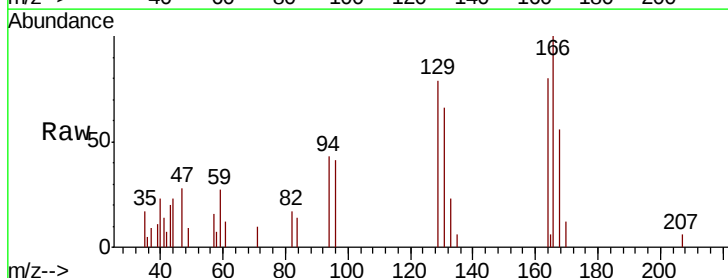
Acq: 09 Aug 2019 11:14

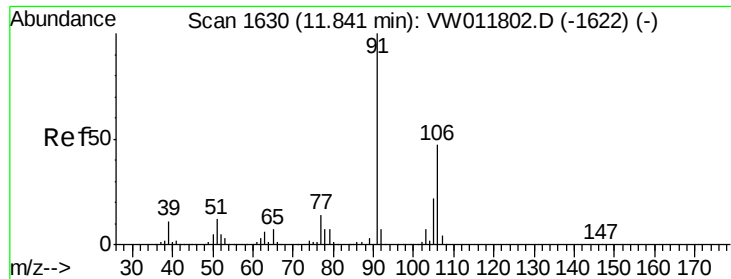
Tgt Ion: 129 Resp: 1521

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#





#54
 m,p-Xylene
 Concen: 0.845 ug/L
 RT: 11.83 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: VW011804.D
 Acq: 09 Aug 2019 11:14

Instrument :
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Tgt Ion:106 Resp: 2290
 Ion Ratio Lower Upper
 106 100
 91 158.4 149.6 277.8

