

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002791.D
 Acq On : 22 May 2018 18:05
 Operator : JC/SY
 Sample : J2952-07
 Misc : 5.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 05:41:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 12:32:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	201503	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	180402	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	76410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	66376	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.72%
7) Chloroethane-d5	2.88	69	57331	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.20%
10) 1,1-Dichloroethene-d2	4.00	63	83206	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.09	46	61183	58.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.08%
24) Chloroform-d	7.65	84	121464	25.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	8.31	65	78039	26.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.00%
29) Benzene-d6	8.27	84	230023	26.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.24%
33) 1,2-Dichloropropane-d6	9.28	67	73821	26.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.52%
37) Toluene-d8	10.33	98	205706	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	10.59	79	31852	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.08%
39) 2-Hexanone-d5	10.93	63	47242	60.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.10%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	82869	27.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.08%
61) 1,2-Dichlorobenzene-d4	13.87	152	71316	25.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.56%

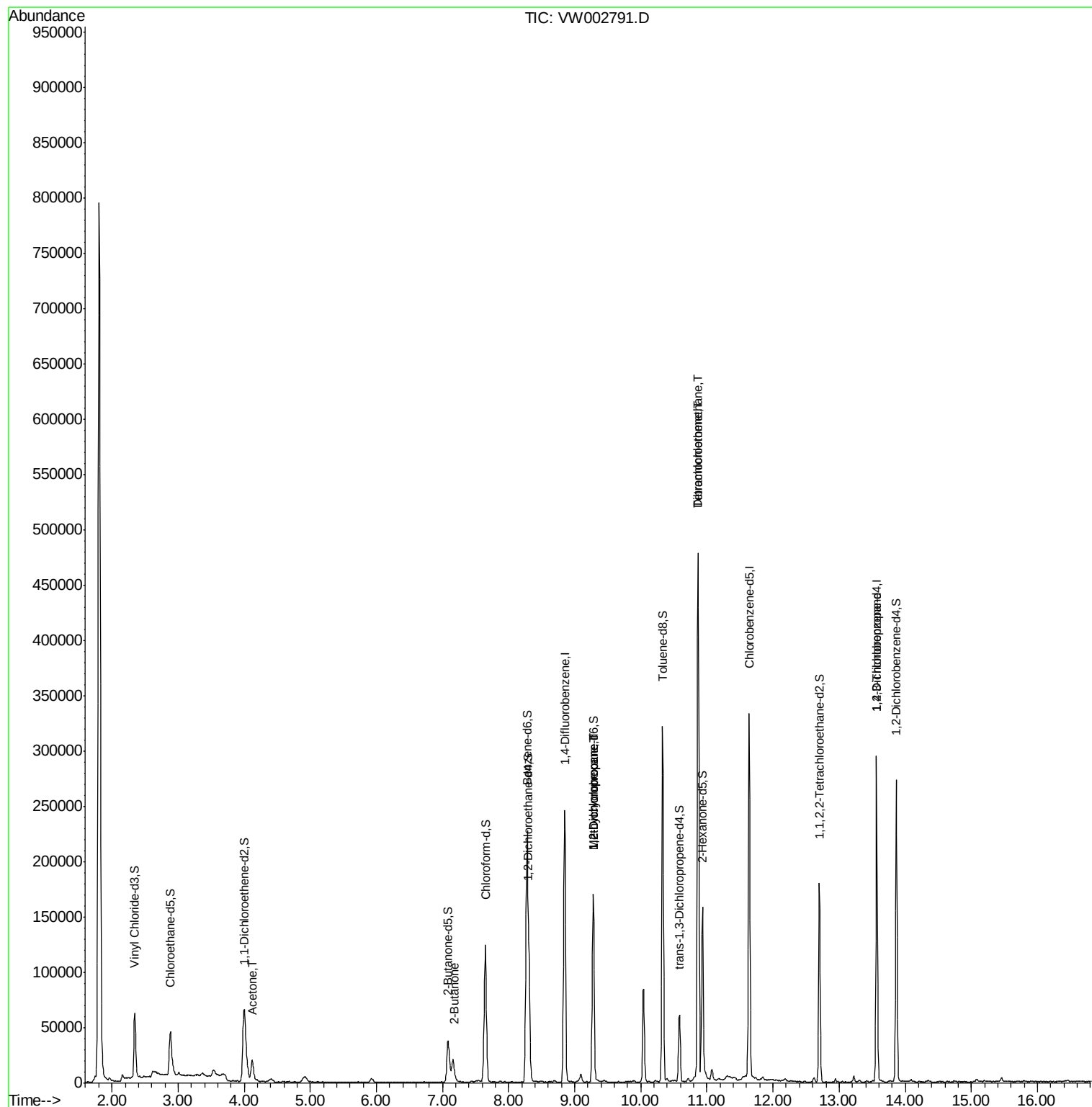
Target Compounds

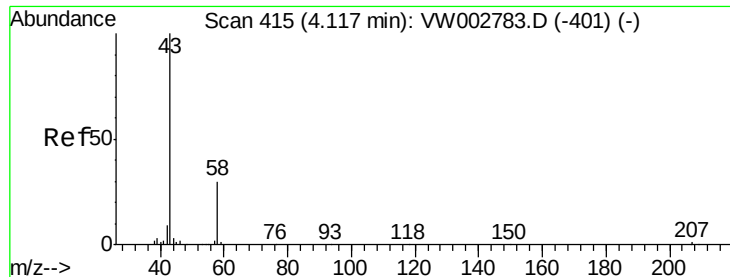
						Qvalue
13) Acetone	4.12	43	33195	35.60	ug/L	96
21) 2-Butanone	7.18	43	6764	5.48	ug/L #	62
36) Methylcyclohexane	9.28	83	18228	4.12	ug/L #	20
40) 1,2-Dichloropropane	9.28	63	8762	3.45	ug/L #	87
47) Tetrachloroethene	10.87	164	106225	45.90	ug/L	96
50) Dibromochloromethane	10.87	129	96475	38.02	ug/L #	12
59) 1,2,3-Trichloropropane	13.57	75	9479	4.25	ug/L	95

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

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Quant Title : VOC Analysis
QLast Update : Tue May 22 12:32:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 35.60 ug/L

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002791.D

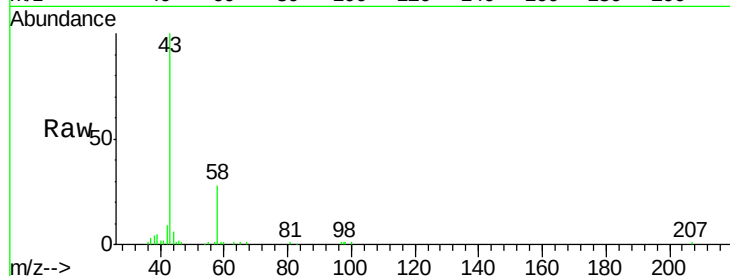
Acq: 22 May 2018 18:05

Tgt Ion: 43 Resp: 33195

Ion Ratio Lower Upper

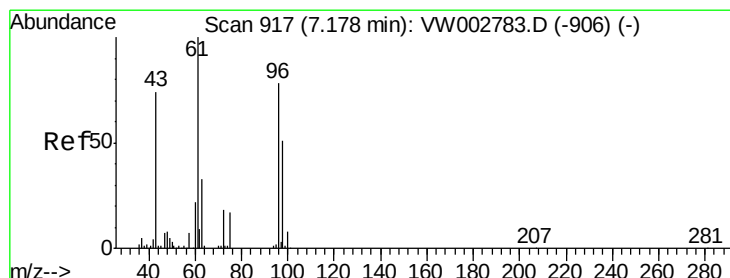
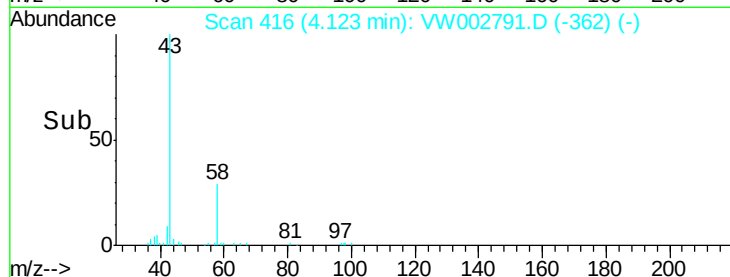
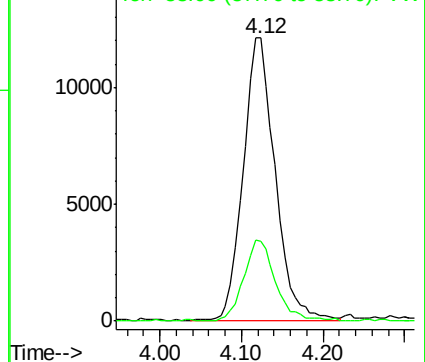
43 100

58 27.8 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 5.48 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW002791.D

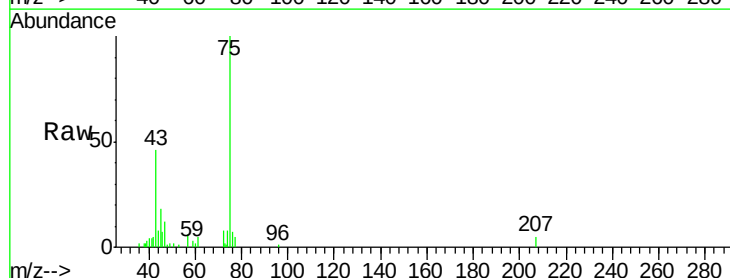
Acq: 22 May 2018 18:05

Tgt Ion: 43 Resp: 6764

Ion Ratio Lower Upper

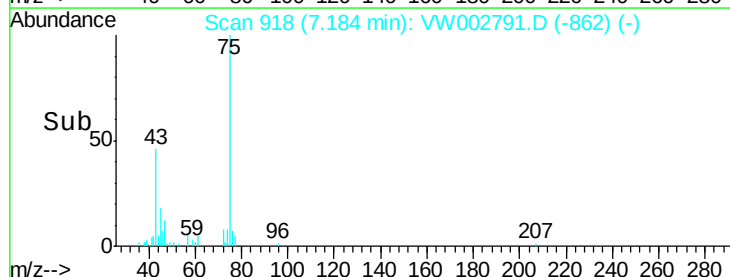
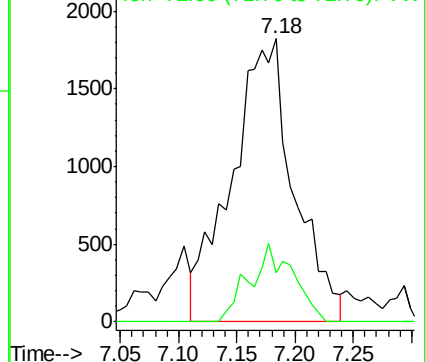
43 100

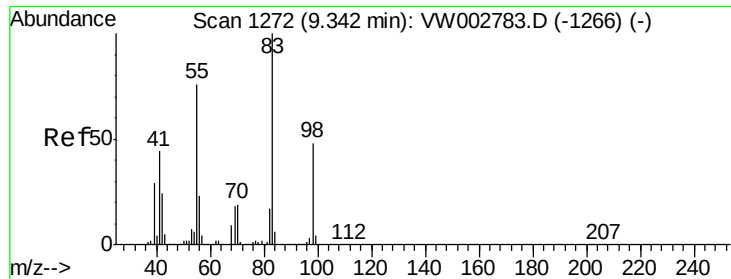
72 7.4 13.7 41.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

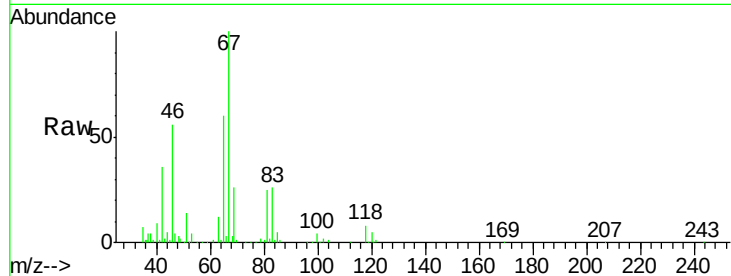
Ion 72.00 (71.70 to 72.70): VW



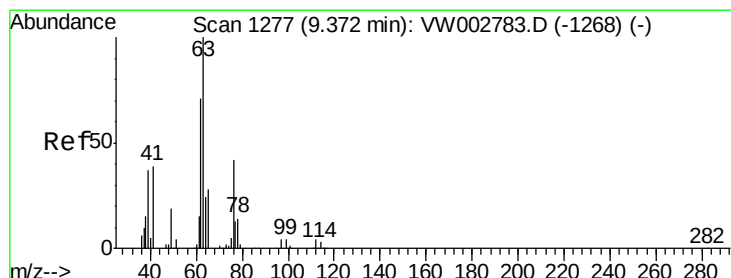
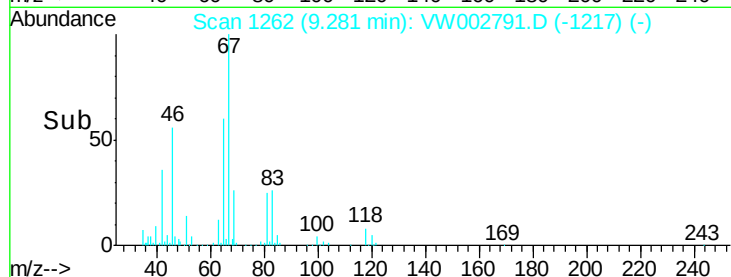
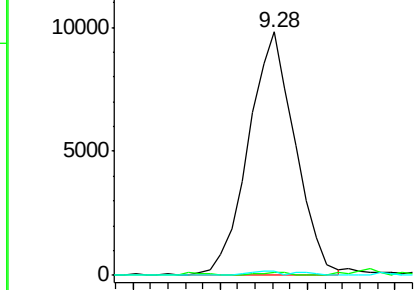


#36
Methylcyclohexane
Concen: 4.12 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
Lab File: VW002791.D
Acq: 22 May 2018 18:05

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	60.5	90.7#
98	1.1	38.3	57.5#

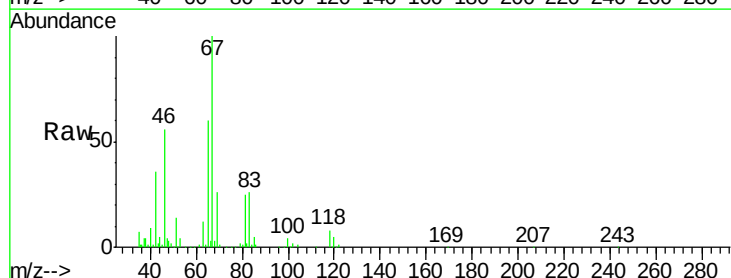


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

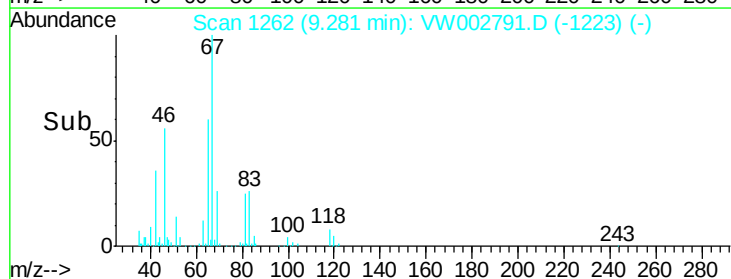
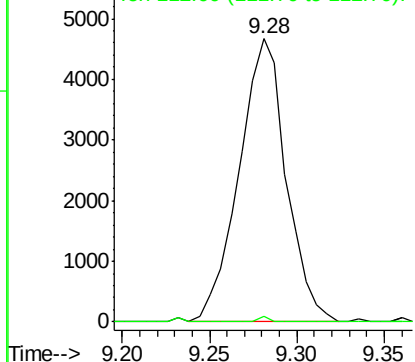


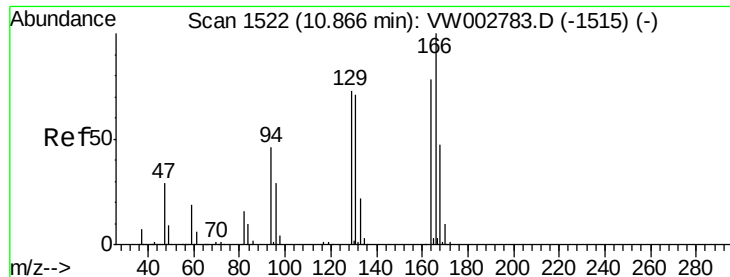
#40
1,2-Dichloropropane
Concen: 3.45 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW002791.D
Acq: 22 May 2018 18:05

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



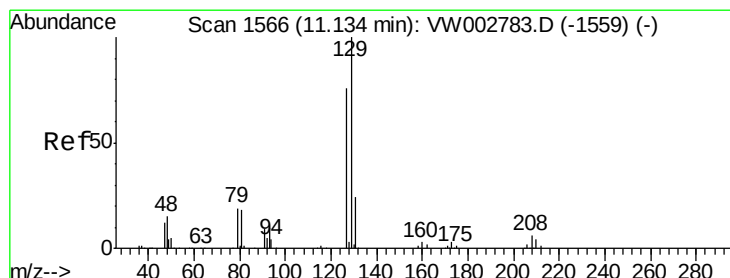
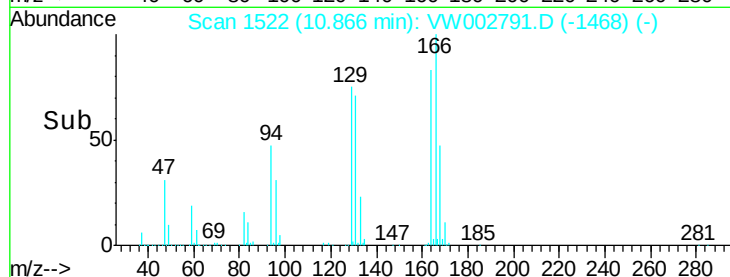
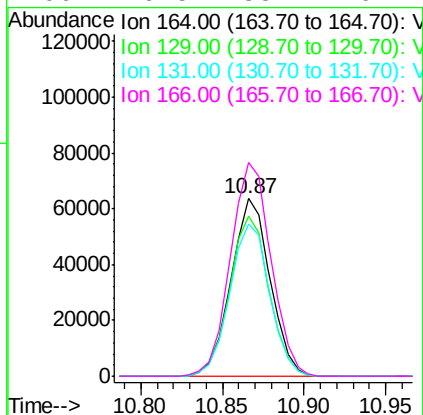
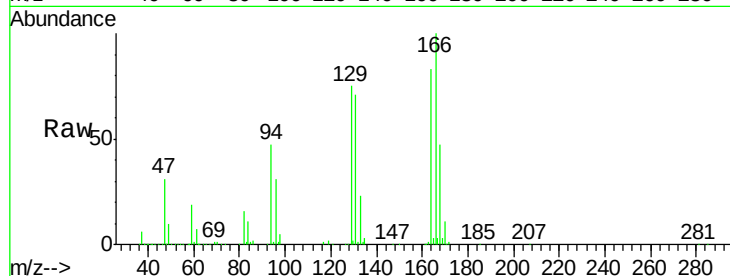
Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





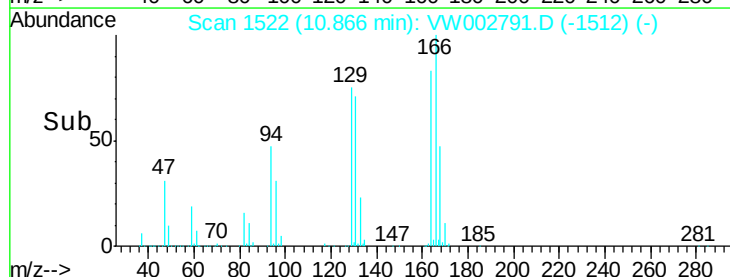
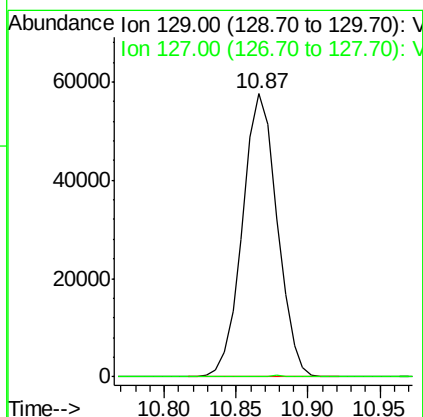
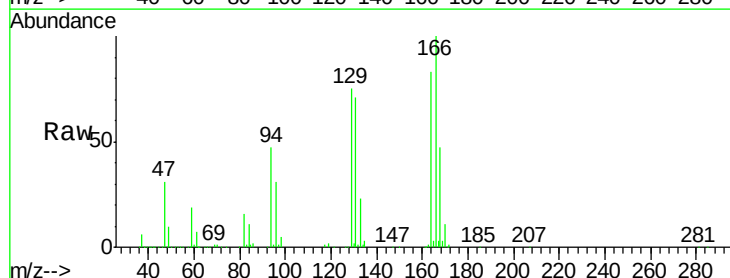
#47
Tetrachloroethene
Concen: 45.90 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002791.D
Acq: 22 May 2018 18:05

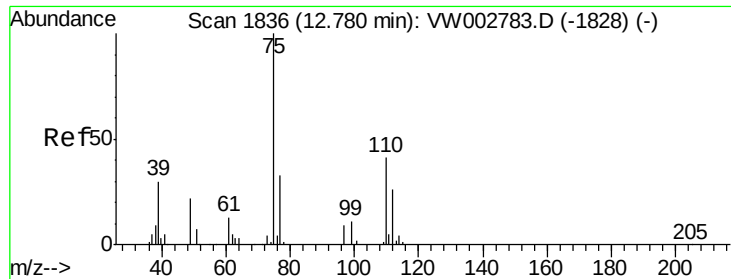
Tgt Ion:	164	Resp:	106225
Ion	Ratio	Lower	Upper
164	100		
129	90.6	64.4	119.6
131	85.9	63.2	117.4
166	120.5	88.7	164.7



#50
Dibromochloromethane
Concen: 38.02 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VW002791.D
Acq: 22 May 2018 18:05

Tgt Ion:	129	Resp:	96475
Ion	Ratio	Lower	Upper
129	100		
127	0.3	52.6	97.8#





#59

1,2,3-Trichloropropane

Concen: 4.25 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW002791.D

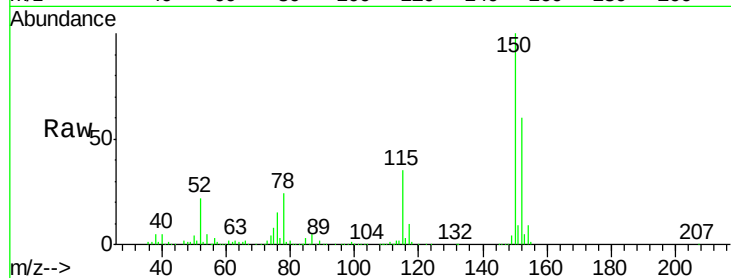
Acq: 22 May 2018 18:05

Tgt Ion: 75 Resp: 9479

Ion Ratio Lower Upper

75 100

77 35.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

