

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080718\
 Data File : VW004524.D
 Acq On : 08 Aug 2018 05:22
 Operator : SY/AP
 Sample : J4313-17
 Misc : 4.78G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-13

Quant Time: Aug 08 07:44:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 05:39:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	107484	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	62580	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	10688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.42	65	181	0.14	ug/L	0.07
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.56%#
7) Chloroethane-d5	2.90	69	85	0.08	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.32%#
10) 1,1-Dichloroethene-d2	4.01	63	52	0.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.14	46	548	0.93	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.86%#
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	8.31	65	38446	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.80%
29) Benzene-d6	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.00%#
33) 1,2-Dichloropropane-d6	9.33	67	60	0.06	ug/L	0.05
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.24%#
37) Toluene-d8	10.33	98	70650	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	10.48	79	25	0.06	ug/L	-0.10
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.24%#
39) 2-Hexanone-d5	10.73	63	44	0.17	ug/L	-0.20
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.34%#
48) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.00%#
61) 1,2-Dichlorobenzene-d4	13.57	152	10492	26.14	ug/L	-0.29
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.56%

Target Compounds

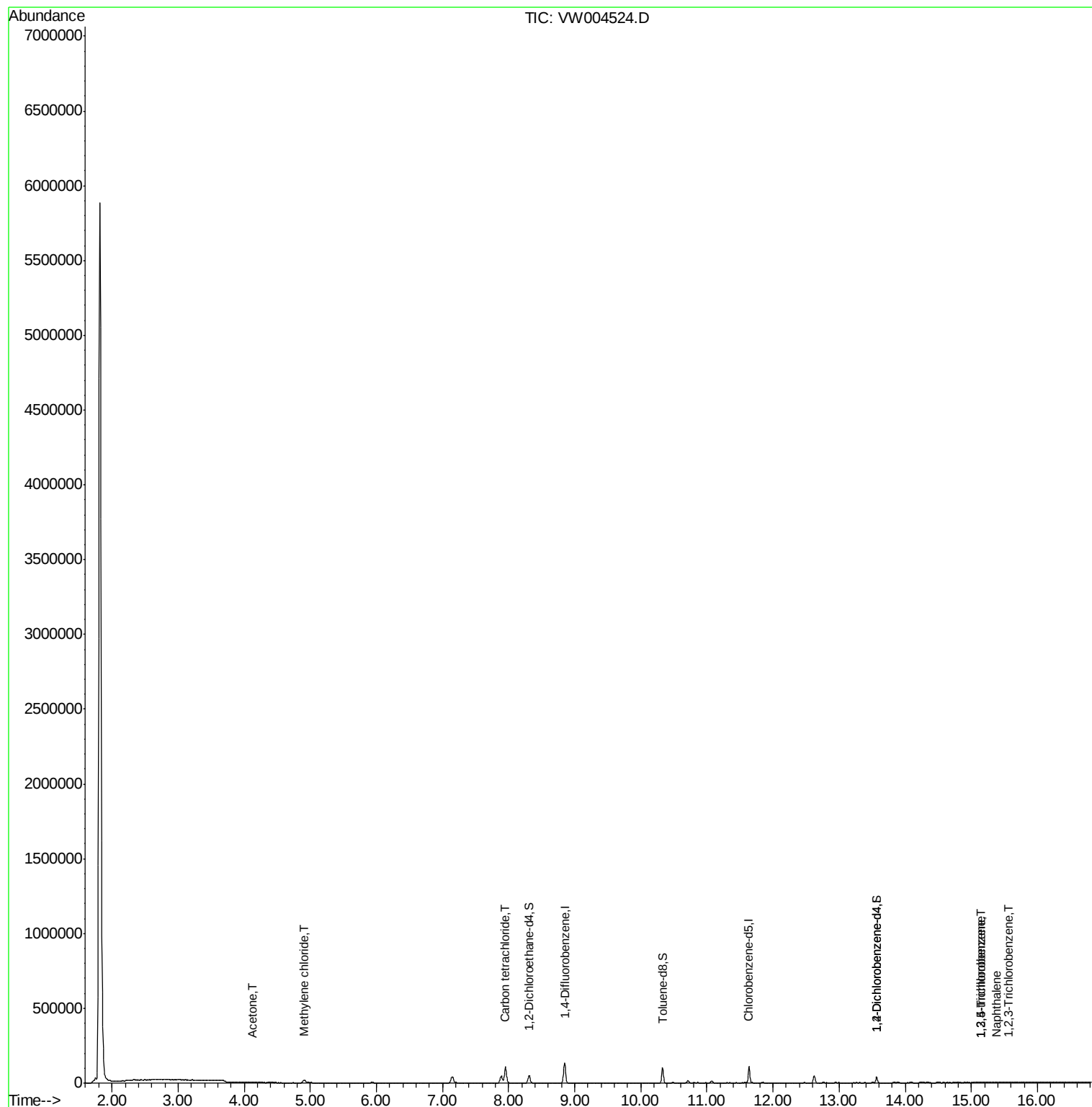
					Qvalue
13) Acetone	4.12	43	4371	8.559	ug/L 93
16) Methylene chloride	4.90	84	13607	6.374	ug/L 93
32) Carbon tetrachloride	7.95	117	7632	5.956	ug/L # 6
67) 1,3,5-Trichlorobenzene	15.15	180	1306	2.477	ug/L 94
68) 1,2,4-trichlorobenzene	15.15	180	1306	3.062	ug/L 91
69) Naphthalene	15.38	128	3253	3.344	ug/L # 95
70) 1,2,3-Trichlorobenzene	15.57	180	1226	2.952	ug/L 89

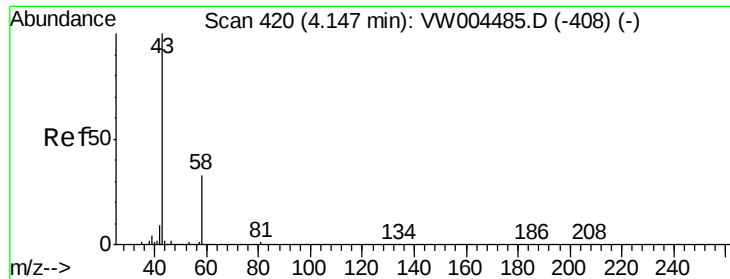
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.559 ug/L

RT: 4.12 min Scan# 416

Delta R.T. -0.02 min

Lab File: VW004524.D

Acq: 08 Aug 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

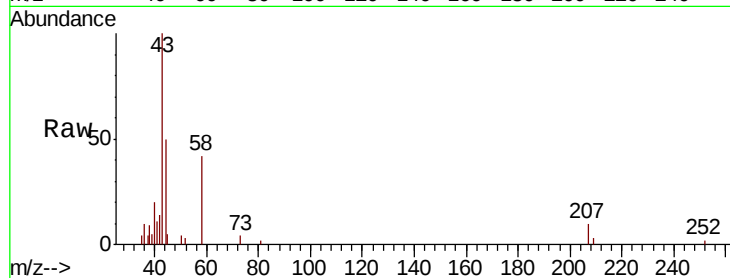
C-13

Tgt Ion: 43 Resp: 4371

Ion Ratio Lower Upper

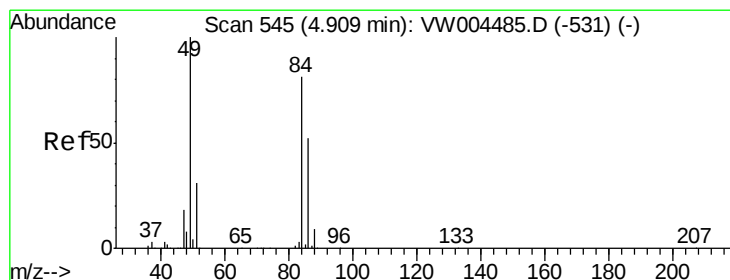
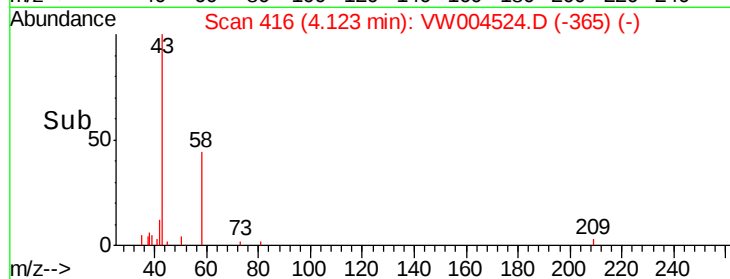
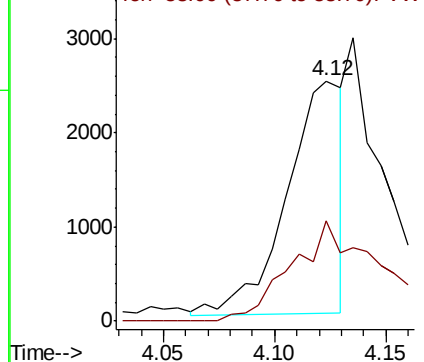
43 100

58 36.9 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 6.374 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW004524.D

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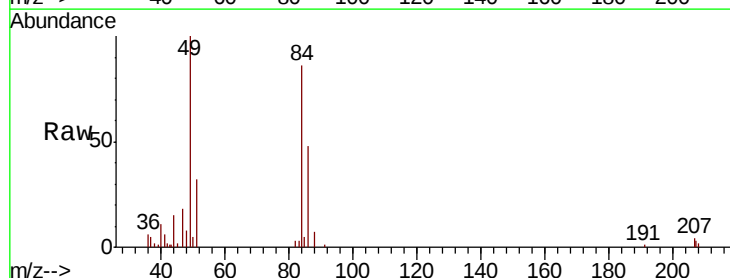
Tgt Ion: 84 Resp: 13607

Ion Ratio Lower Upper

84 100

49 116.0 86.0 159.6

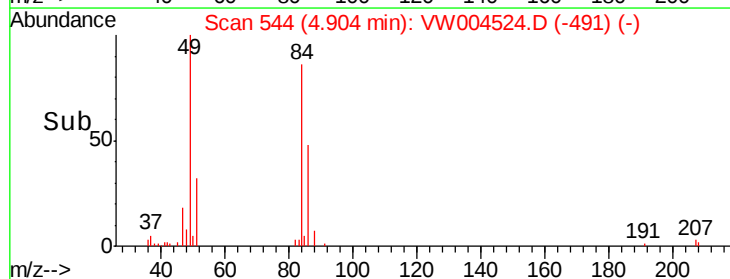
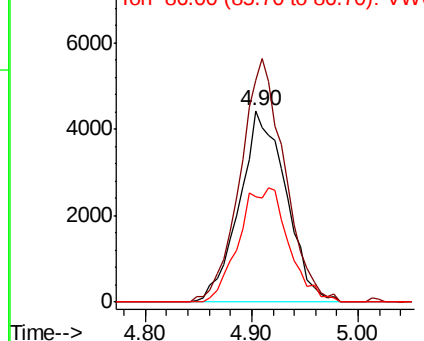
86 55.3 43.5 80.9

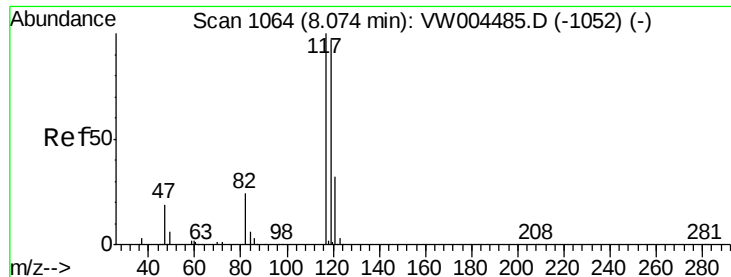


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#32

Carbon tetrachloride

Concen: 5.956 ug/L

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

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ClientSampleId :

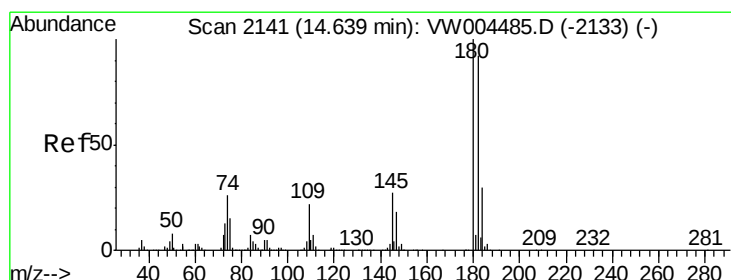
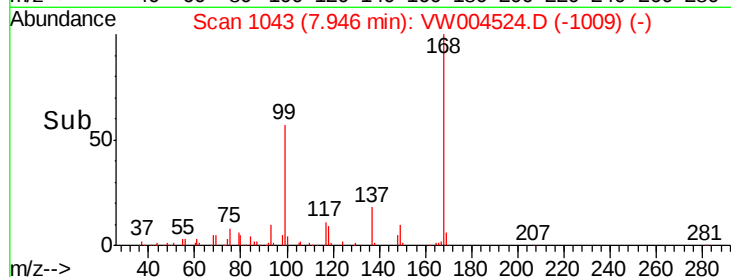
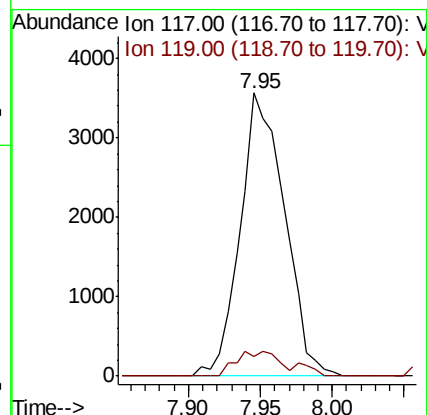
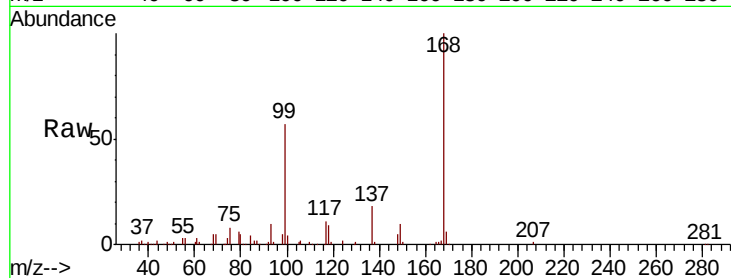
C-13

Tgt Ion:117 Resp: 7632

Ion Ratio Lower Upper

117 100

119 4.3 76.5 114.7#



#67

1,3,5-Trichlorobenzene

Concen: 2.477 ug/L

RT: 15.15 min Scan# 2224

Delta R.T. 0.51 min

Lab File: VW004524.D

Acq: 08 Aug 2018 05:22

Tgt Ion:180 Resp: 1306

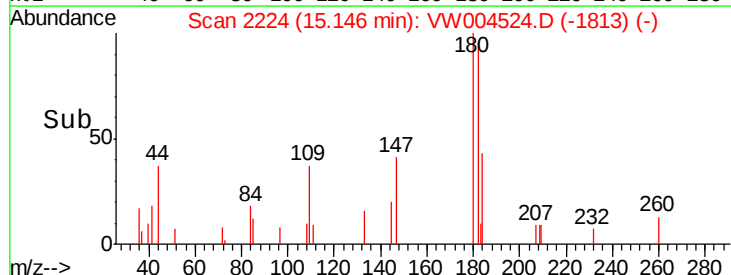
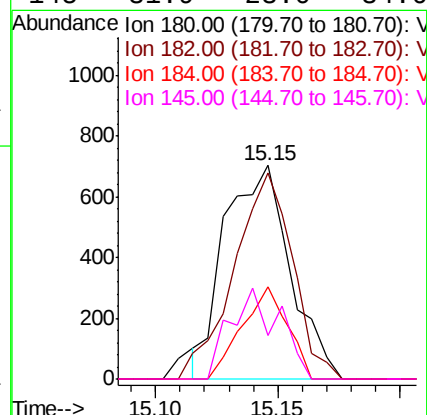
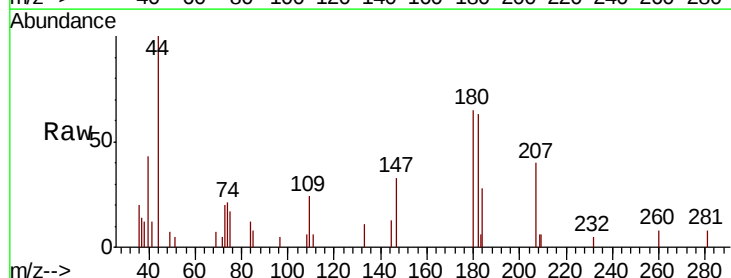
Ion Ratio Lower Upper

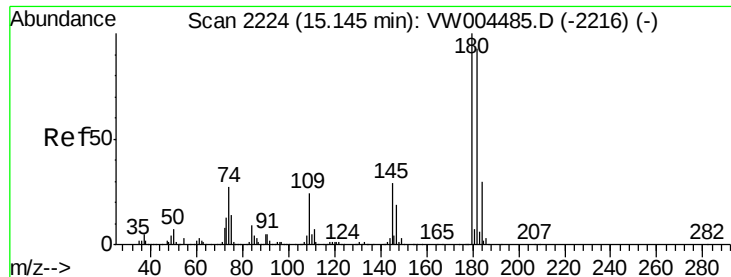
180 100

182 86.6 75.1 112.7

184 30.2 24.0 36.0

145 31.9 23.0 34.6

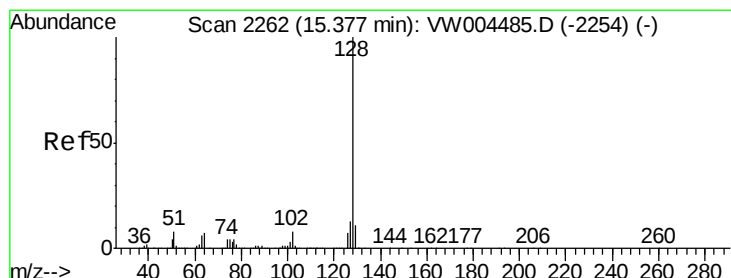
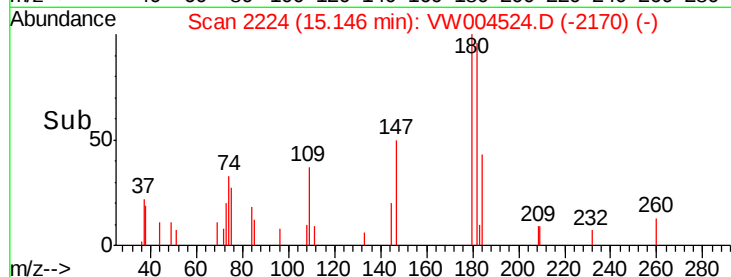
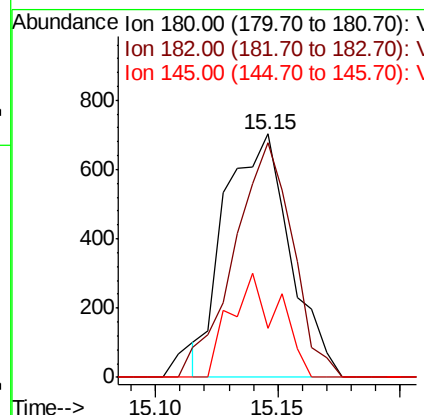
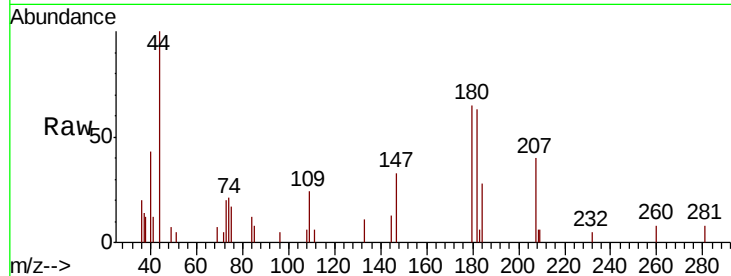




#68
 1,2,4-trichlorobenzene
 Concen: 3.062 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004524.D
 Acq: 08 Aug 2018 05:22

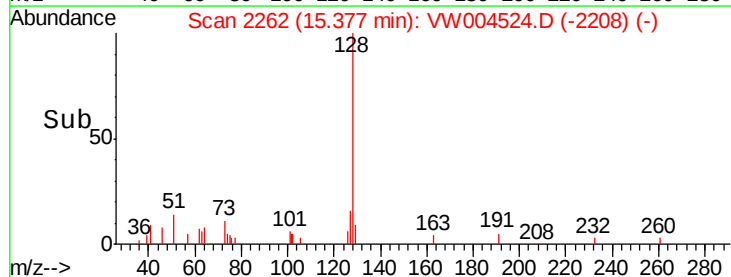
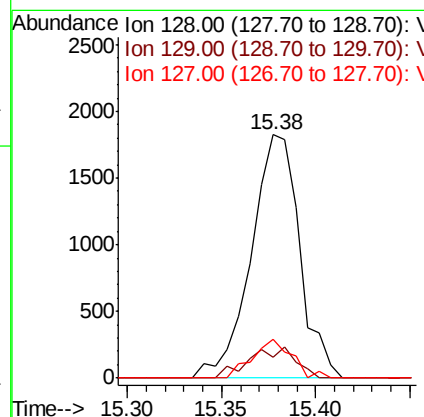
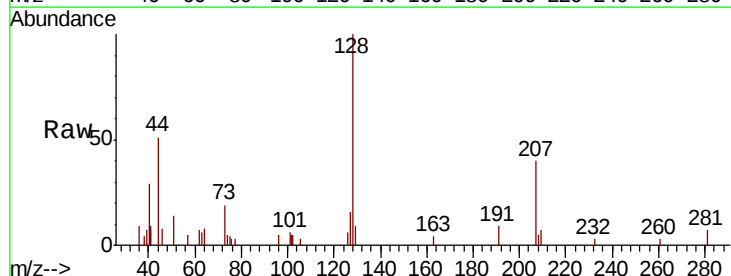
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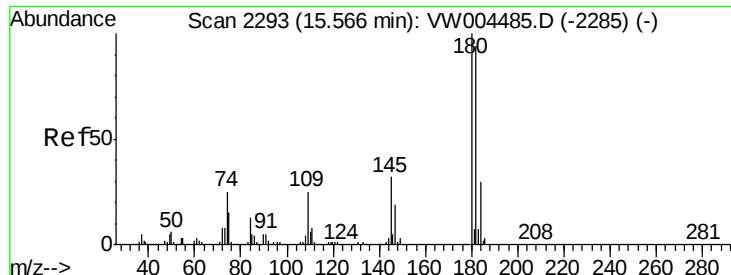
Tgt Ion:180 Resp: 1306
 Ion Ratio Lower Upper
 180 100
 182 86.6 76.9 115.3
 145 31.9 23.4 35.2



#69
 Naphthalene
 Concen: 3.344 ug/L
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VW004524.D
 Acq: 08 Aug 2018 05:22

Tgt Ion:128 Resp: 3253
 Ion Ratio Lower Upper
 128 100
 129 7.5 8.8 13.2#
 127 12.4 10.6 16.0





#70
 1,2,3-Trichlorobenzene
 Concen: 2.952 ug/L
 RT: 15.57 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: VW004524.D
 Acq: 08 Aug 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 C-13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.9	76.0	114.0
145	33.1	25.2	37.8

