

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092018\
 Data File : VW005534.D
 Acq On : 20 Sep 2018 14:48
 Operator : SY/AP
 Sample : J4970-08
 Misc : 6.79G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FE0

Quant Time: Sep 21 01:01:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 01:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	348600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321253	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	145859	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	121457	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.52%
7) Chloroethane-d5	2.89	69	95761	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.40%
10) 1,1-Dichloroethene-d2	4.01	63	197573	19.13	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.52%
20) 2-Butanone-d5	7.09	46	79898	43.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.24%
24) Chloroform-d	7.65	84	246980	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	8.31	65	157140	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.36%
29) Benzene-d6	8.28	84	486376	25.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.44%
33) 1,2-Dichloropropane-d6	9.27	67	143249	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.04%
37) Toluene-d8	10.33	98	452105	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.44%
38) trans-1,3-Dichloropropene-	10.59	79	69045	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.04%
39) 2-Hexanone-d5	10.93	63	63092	46.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129424	24.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.04%
61) 1,2-Dichlorobenzene-d4	13.87	152	152834	27.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.20%

Target Compounds

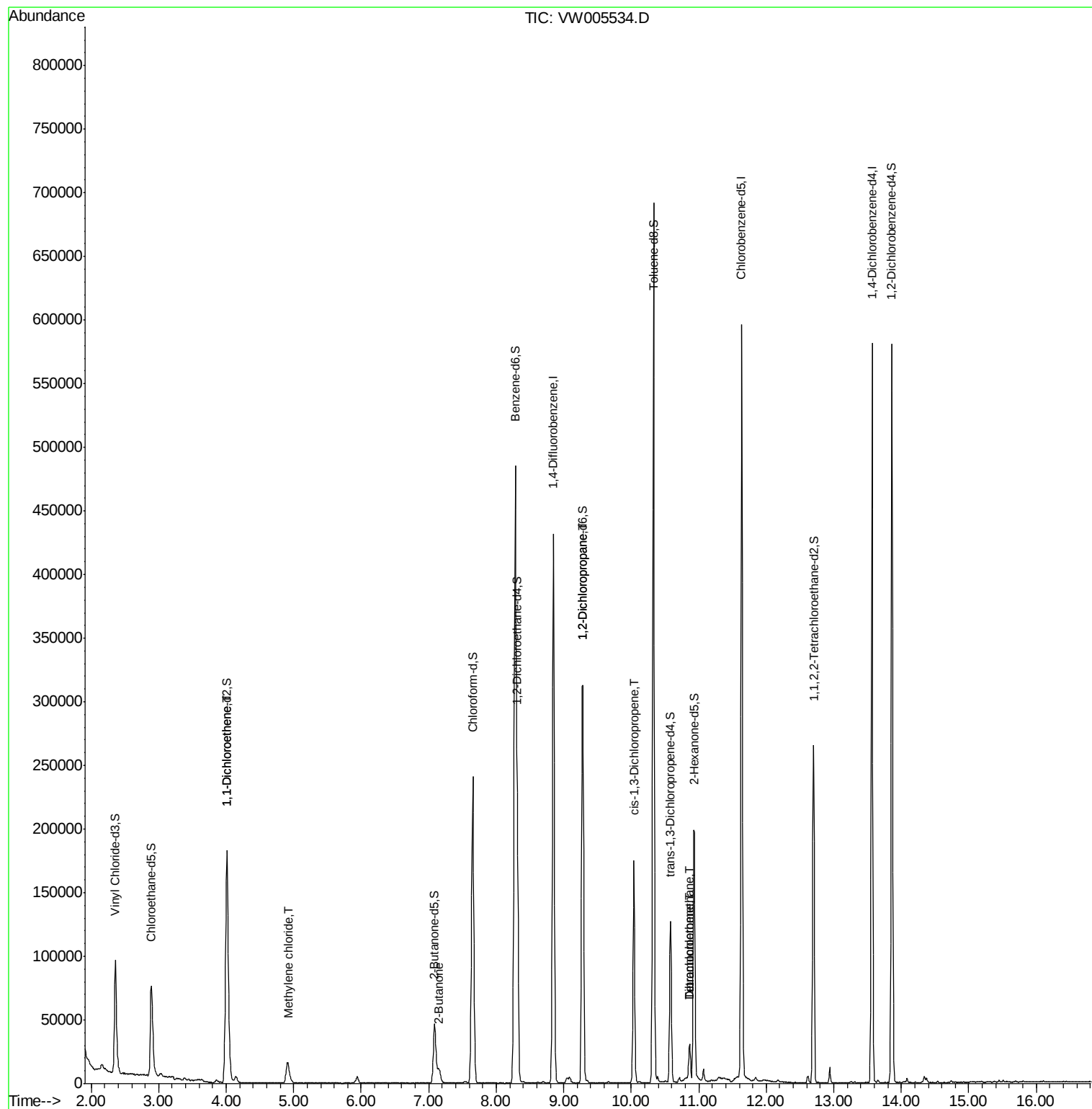
					Qvalue
12) 1,1-Dichloroethene	4.01	96	1762	0.409 ug/L #	1
16) Methylene chloride	4.92	84	12621	2.189 ug/L	97
21) 2-Butanone	7.16	43	1120	0.521 ug/L #	50
40) 1,2-Dichloropropane	9.28	63	17540	3.484 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	4431	0.599 ug/L #	49
47) Tetrachloroethene	10.87	164	6312	1.544 ug/L	89
50) Dibromochloromethane	10.87	129	5785	1.318 ug/L #	12

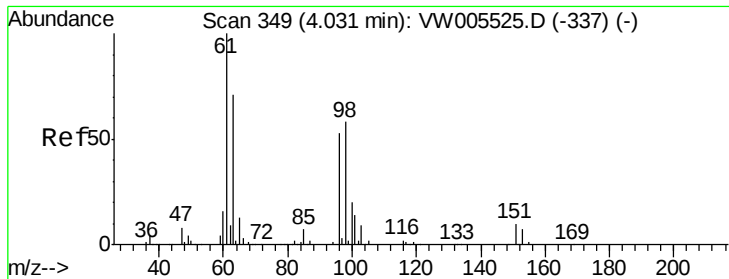
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.409 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.03 min

Lab File: VW005534.D

Acq: 20 Sep 2018 14:48

Instrument :

MSVOA_W

ClientSampled :

E5FE0

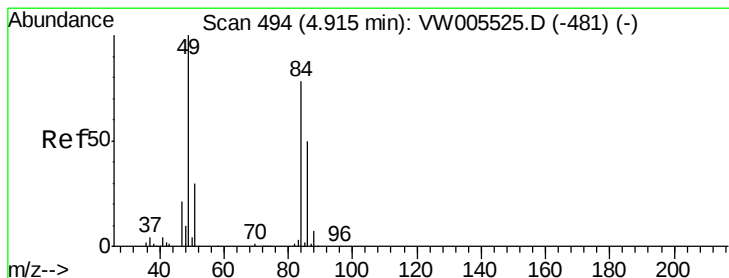
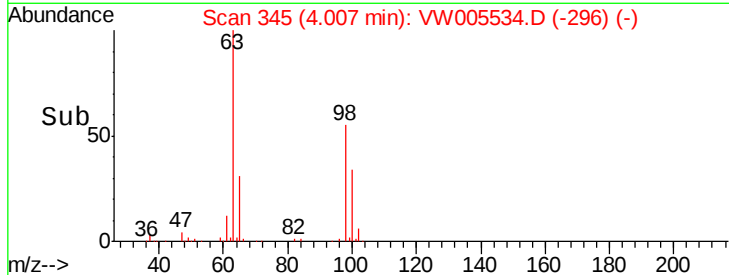
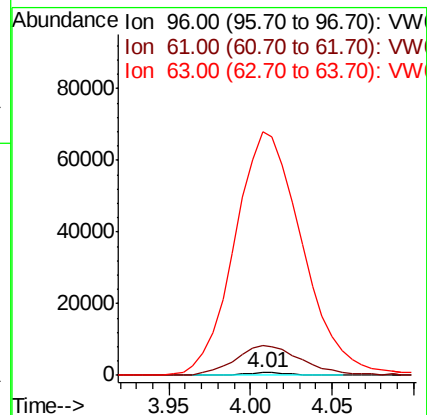
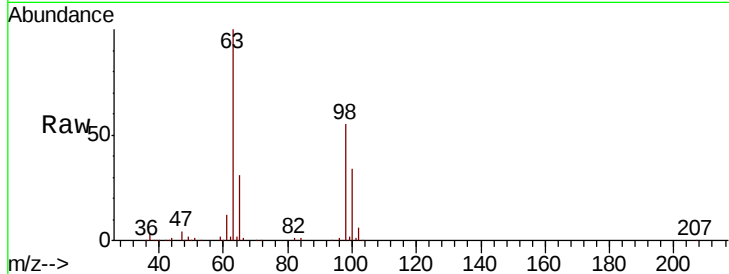
Tgt Ion: 96 Resp: 1762

Ion Ratio Lower Upper

96 100

61 1137.0 129.5 240.5#

63 9274.8 117.5 218.3#



#16

Methylene chloride

Concen: 2.189 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005534.D

Acq: 20 Sep 2018 14:48

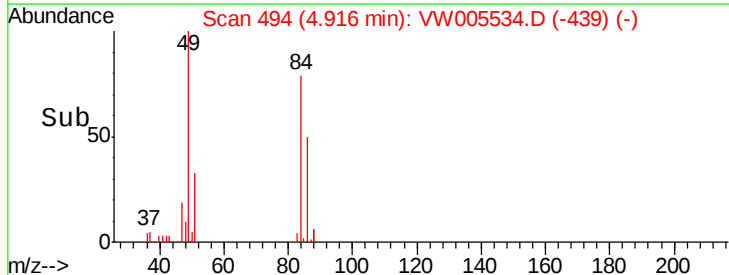
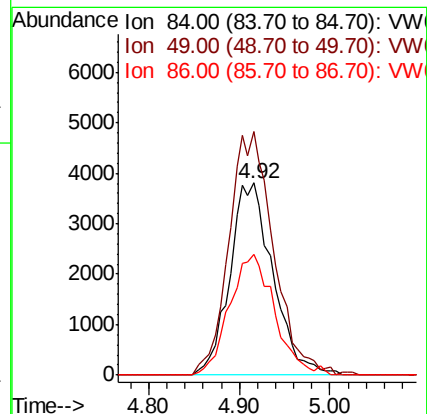
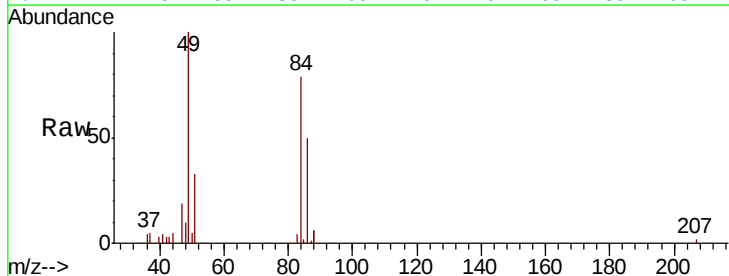
Tgt Ion: 84 Resp: 12621

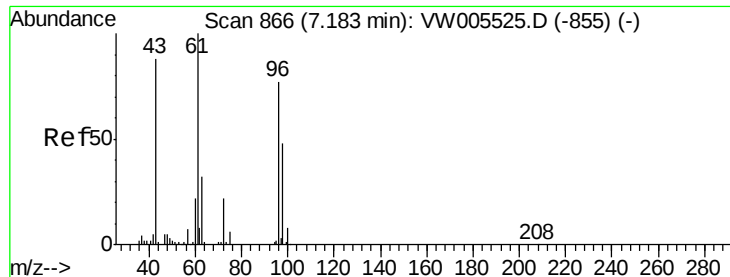
Ion Ratio Lower Upper

84 100

49 126.7 91.5 169.9

86 63.0 44.8 83.2





#21

2-Butanone

Concen: 0.521 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005534.D

Acq: 20 Sep 2018 14:48

Instrument :

MSVOA_W

ClientSampled :

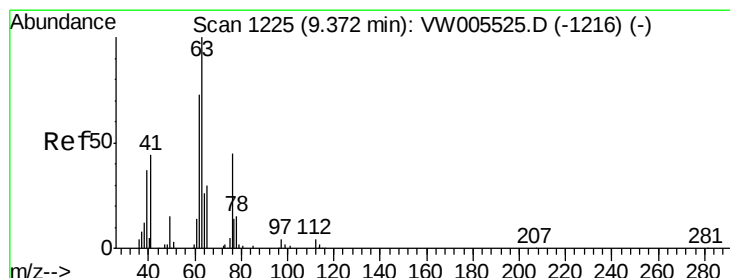
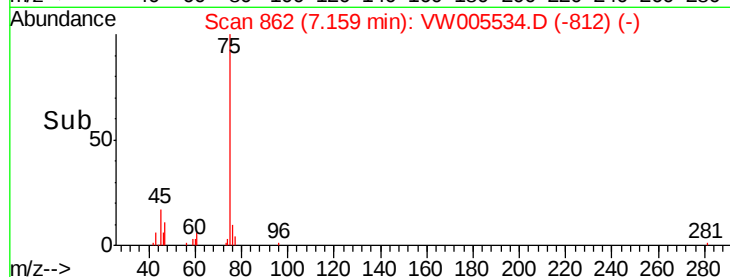
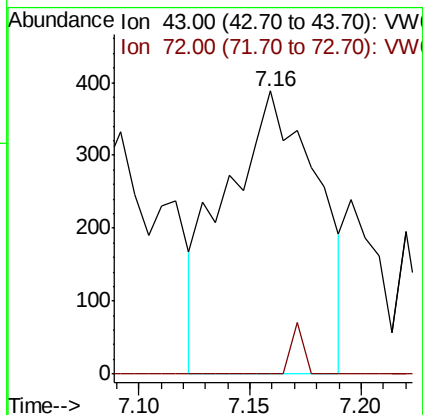
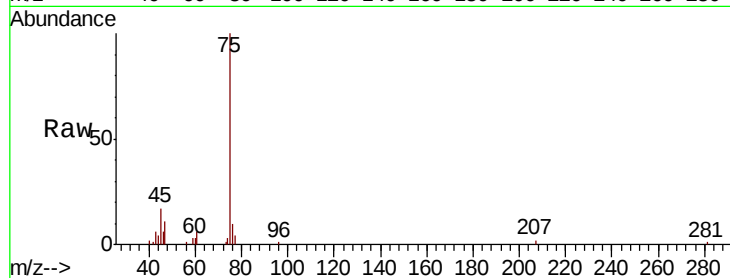
E5FE0

Tgt Ion: 43 Resp: 1120

Ion Ratio Lower Upper

43 100

72 0.0 12.6 37.6#



#40

1,2-Dichloropropane

Concen: 3.484 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005534.D

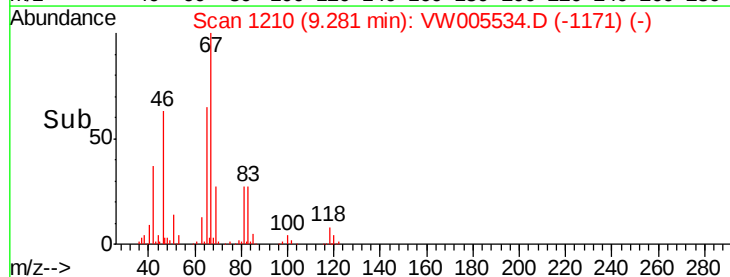
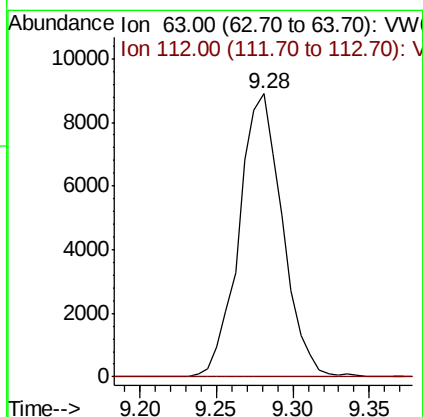
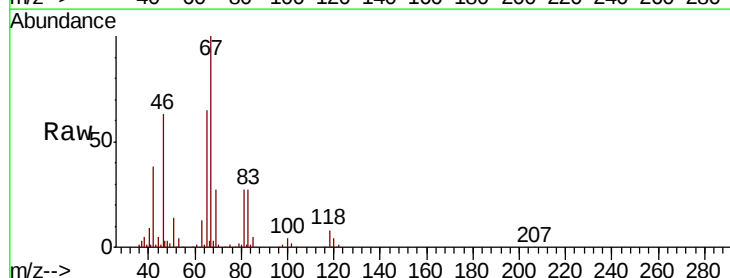
Acq: 20 Sep 2018 14:48

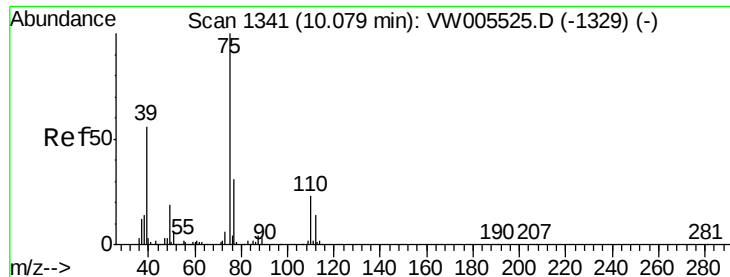
Tgt Ion: 63 Resp: 17540

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#42

cis-1,3-Dichloropropene

Concen: 0.599 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005534.D

Acq: 20 Sep 2018 14:48

Instrument :

MSVOA_W

ClientSampled :

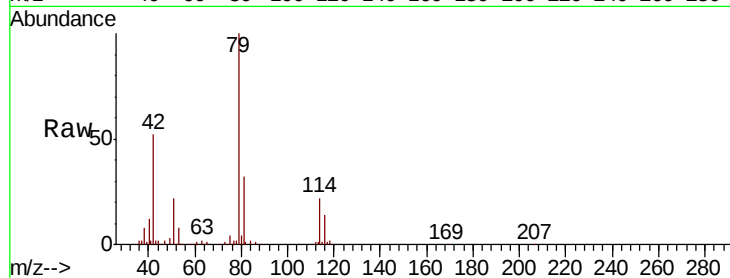
E5FE0

Tgt Ion: 75 Resp: 4431

Ion Ratio Lower Upper

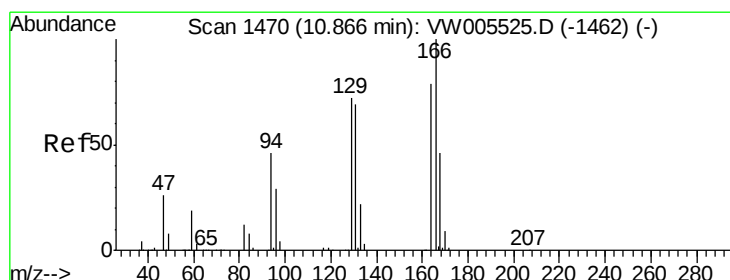
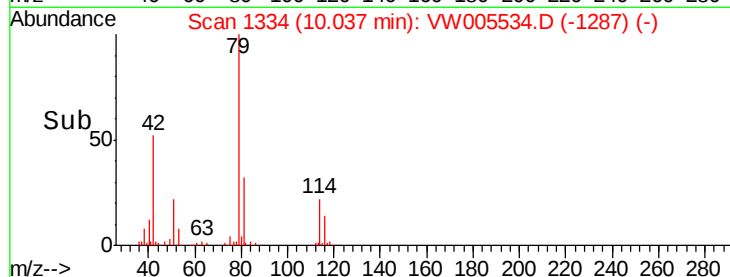
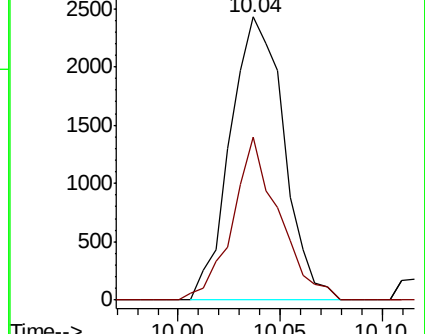
75 100

77 57.5 21.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 1.544 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005534.D

Acq: 20 Sep 2018 14:48

Tgt Ion: 164 Resp: 6312

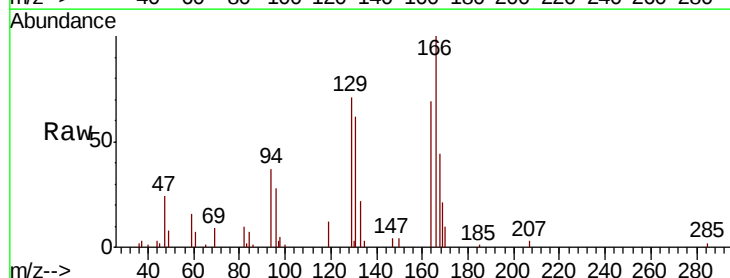
Ion Ratio Lower Upper

164 100

129 102.1 63.7 118.3

131 90.1 63.3 117.5

166 144.5 86.5 160.6

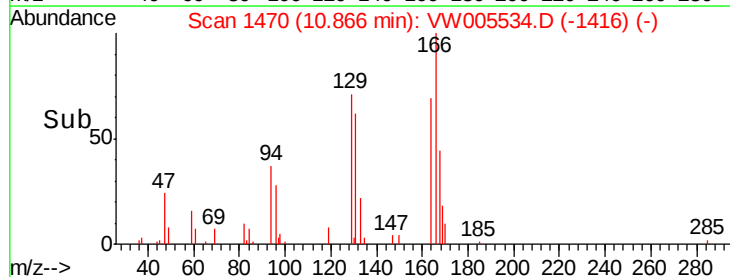
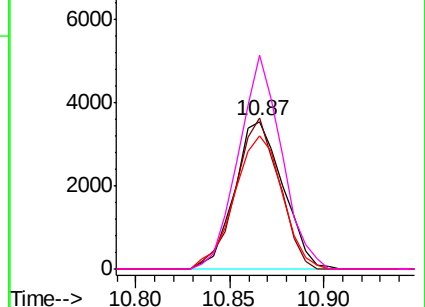


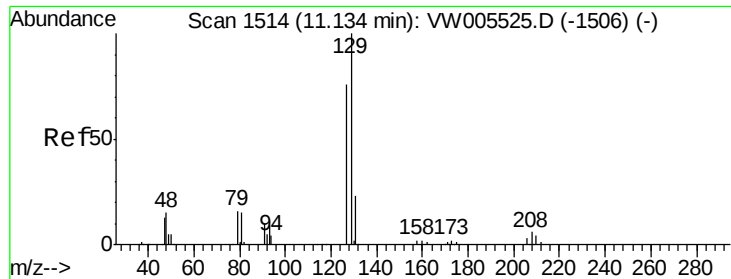
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#50

Dibromochloromethane

Concen: 1.318 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW005534.D

Acq: 20 Sep 2018 14:48

Instrument :

MSVOA_W

ClientSampleId :

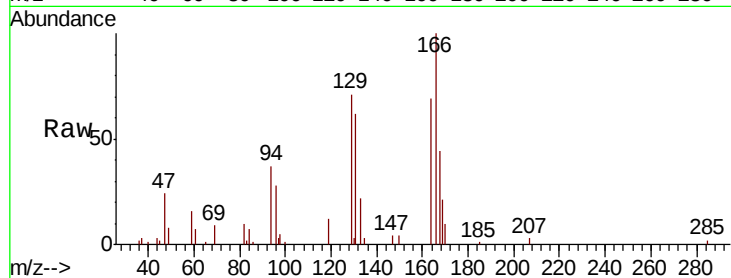
E5FE0

Tgt Ion:129 Resp: 5785

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

