

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006409.D
 Acq On : 26 Oct 2018 16:32
 Operator : SY/AP
 Sample : VIBLK91
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK91

Quant Time: Oct 26 23:49:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	310908	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289248	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	159699	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	65768	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.04%
7) Chloroethane-d5	2.90	69	64973	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.12%
10) 1,1-Dichloroethene-d2	4.01	63	103001	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	7.09	46	65639	56.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.96%
24) Chloroform-d	7.65	84	158251	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.31	65	92732	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.56%
29) Benzene-d6	8.28	84	315160	24.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.00%
33) 1,2-Dichloropropane-d6	9.28	67	93988	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.84%
37) Toluene-d8	10.33	98	307891	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
38) trans-1,3-Dichloropropene-	10.58	79	38290	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.52%
39) 2-Hexanone-d5	10.93	63	53974	56.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116596	30.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.00%#
61) 1,2-Dichlorobenzene-d4	13.86	152	140132	25.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.40%

Target Compounds

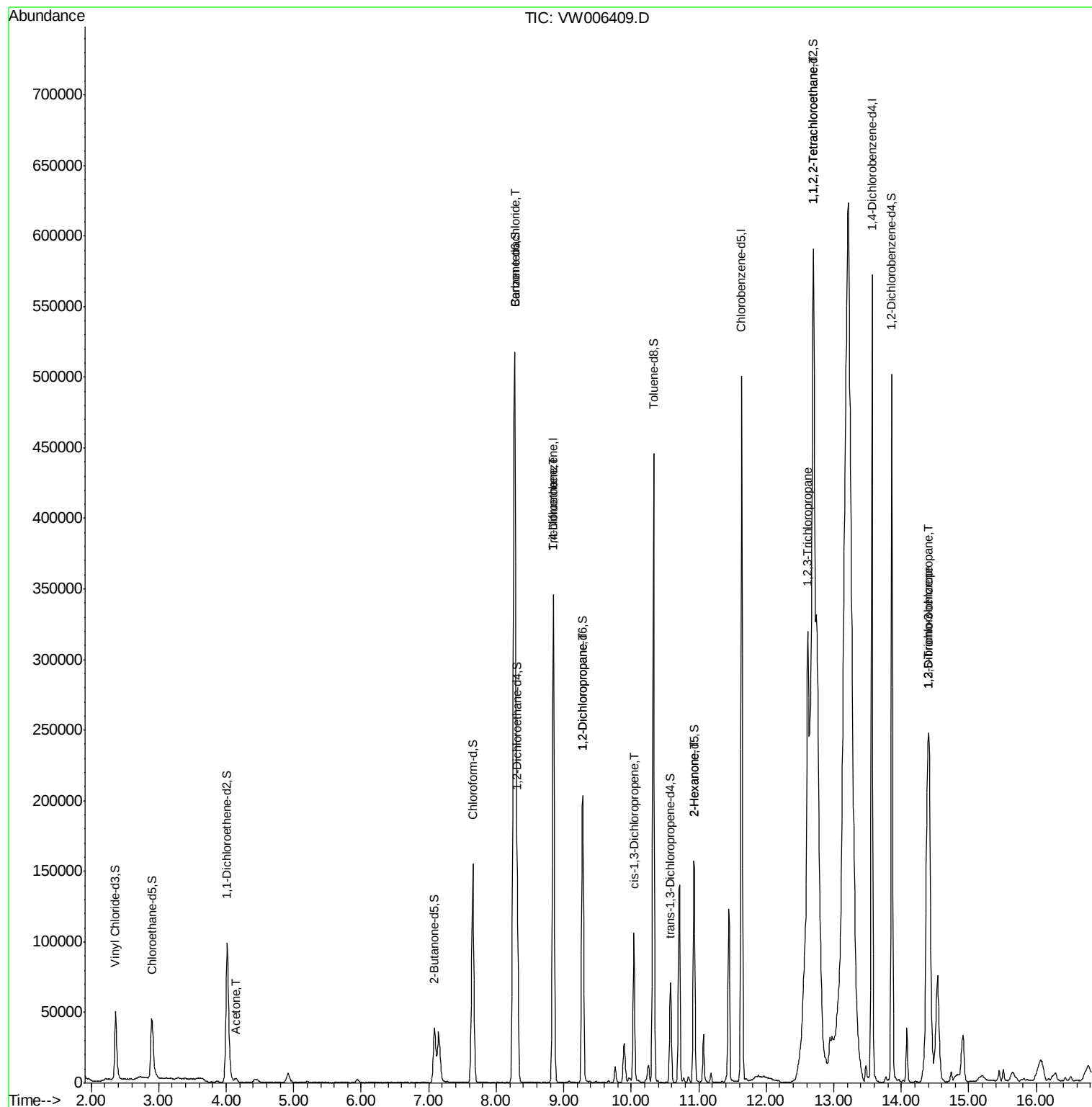
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.14	43	3213	2.736	ug/L	100
32) Carbon tetrachloride	8.27	117	4558	0.768	ug/L #	29
35) Trichloroethene	8.85	95	9120	2.183	ug/L #	2
40) 1,2-Dichloropropane	9.28	63	10481	2.845	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2895	0.481	ug/L #	64
49) 2-Hexanone	10.93	43	6634	3.050	ug/L #	67
58) 1,1,2,2-Tetrachloroethane	12.69	83	19236	4.826	ug/L #	52
59) 1,2,3-Trichloropropane	12.62	75	1827	0.614	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.40	75	6147	8.465	ug/L #	17
67) 1,3,5-Trichlorobenzene	14.40	180	12680	1.604	ug/L #	26

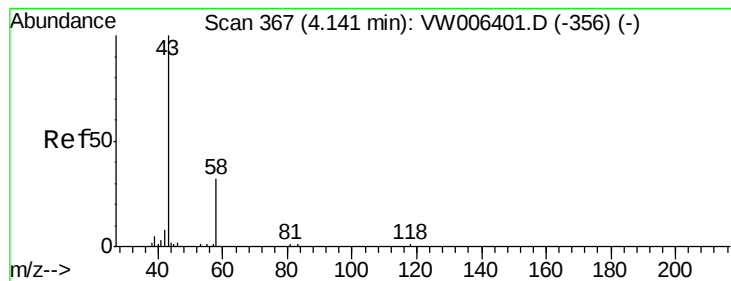
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.736 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006409.D

Acq: 26 Oct 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

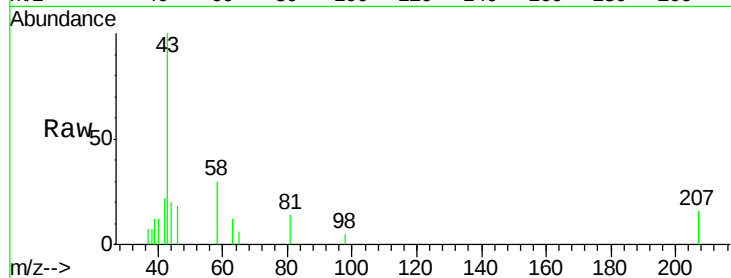
VIBLK91

Tgt Ion: 43 Resp: 3213

Ion Ratio Lower Upper

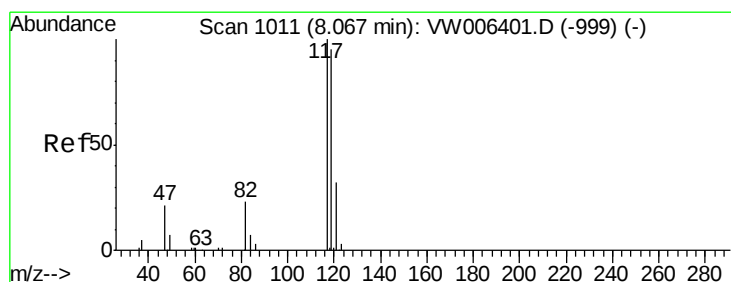
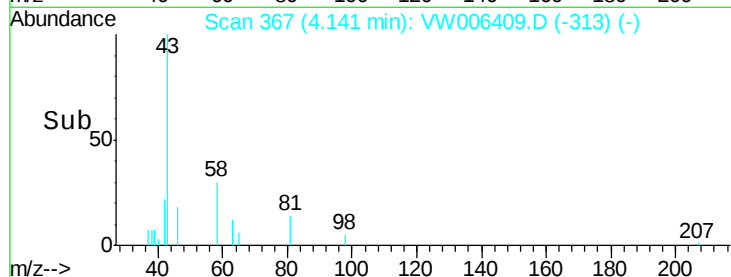
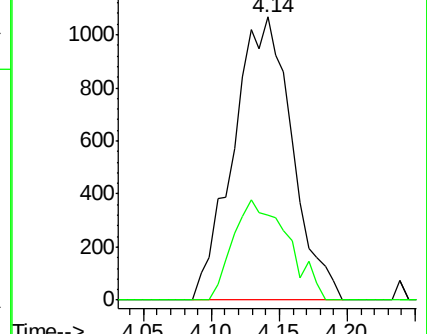
43 100

58 30.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#32

Carbon tetrachloride

Concen: 0.768 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. 0.20 min

Lab File: VW006409.D

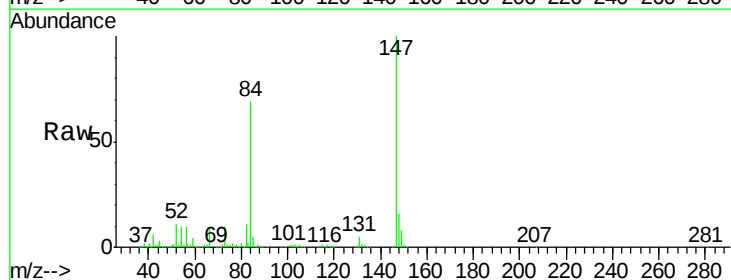
Acq: 26 Oct 2018 16:32

Tgt Ion: 117 Resp: 4558

Ion Ratio Lower Upper

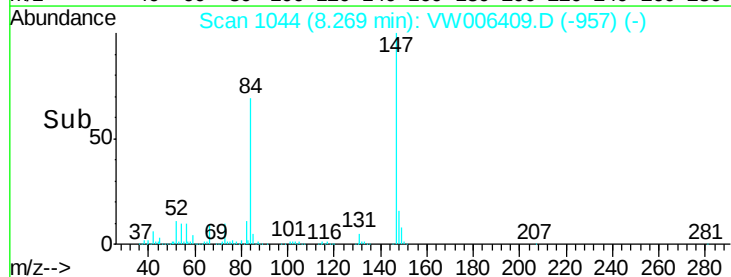
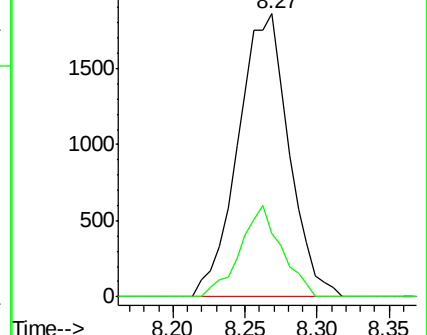
117 100

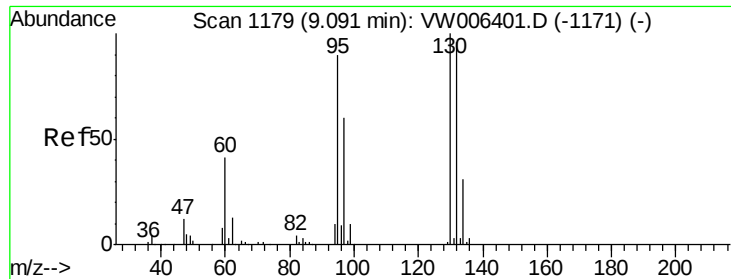
119 26.2 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V





#35

Trichloroethene

Concen: 2.183 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006409.D

Acq: 26 Oct 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VIBLK91

Tgt Ion: 95 Resp: 9120

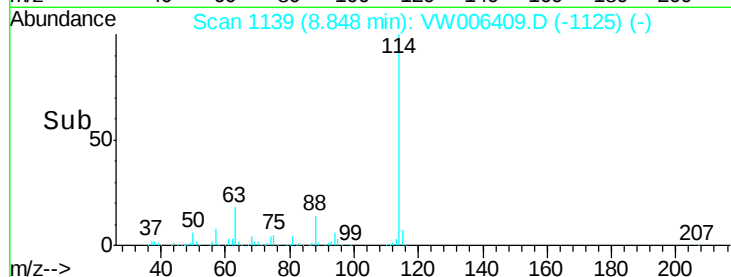
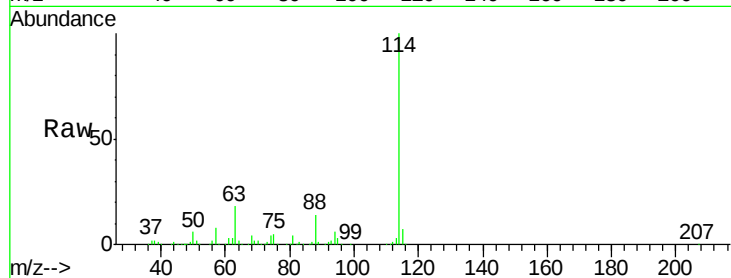
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

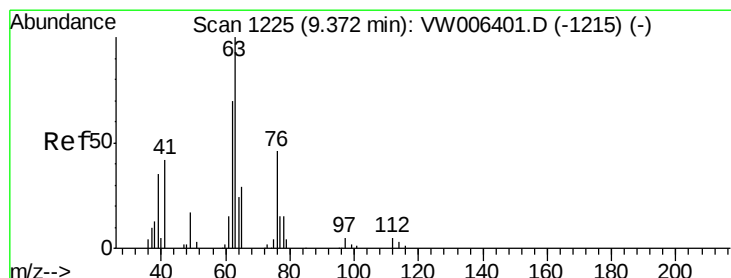
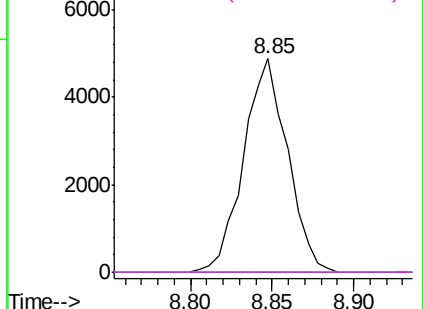


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.845 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006409.D

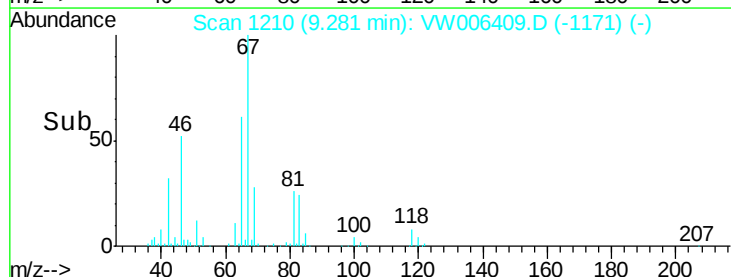
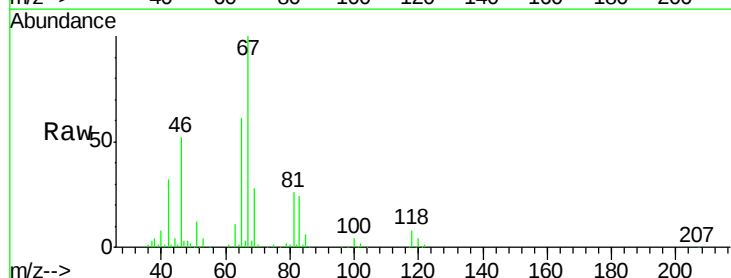
Acq: 26 Oct 2018 16:32

Tgt Ion: 63 Resp: 10481

Ion Ratio Lower Upper

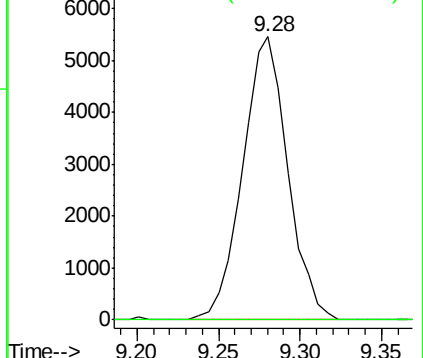
63 100

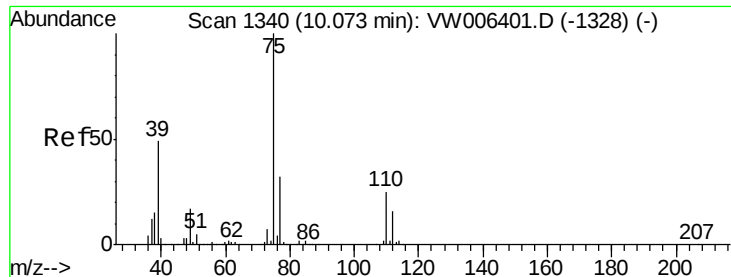
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

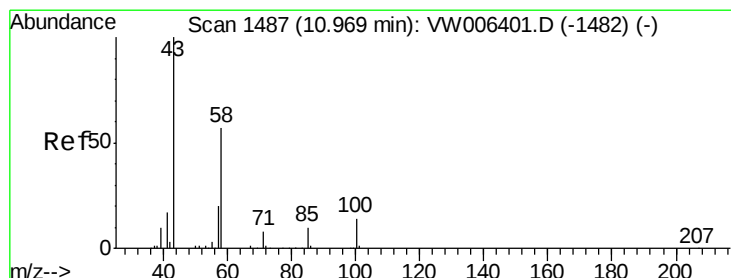
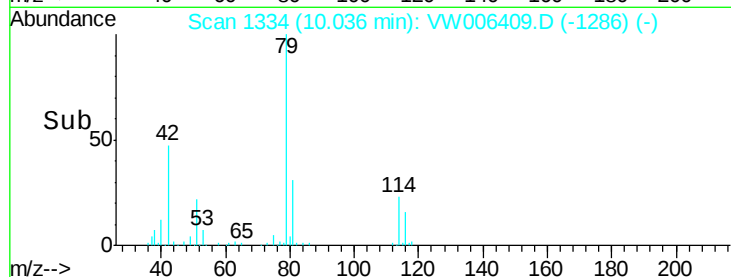
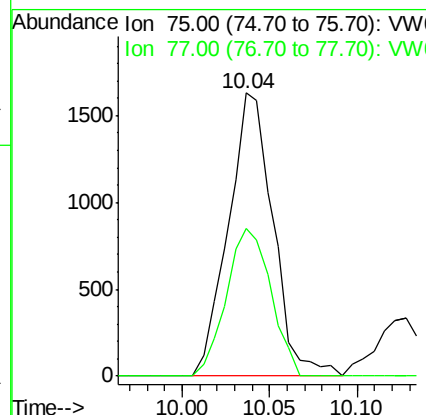
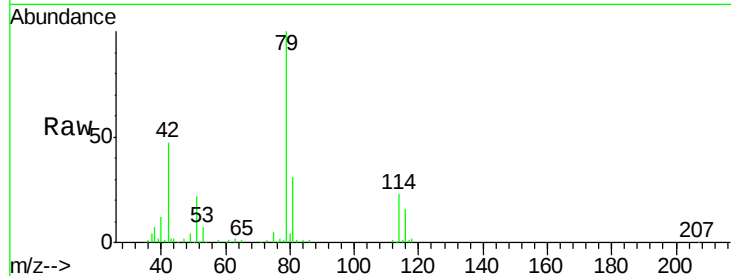




#42
 cis-1,3-Dichloropropene
 Concen: 0.481 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006409.D
 Acq: 26 Oct 2018 16:32

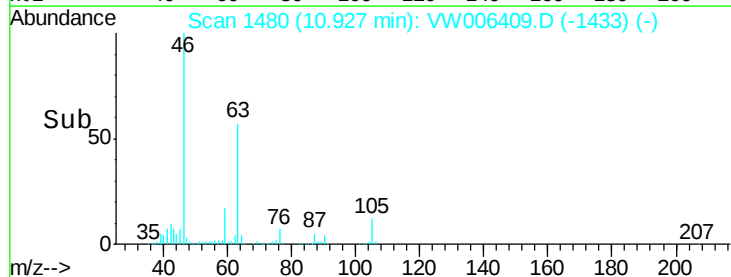
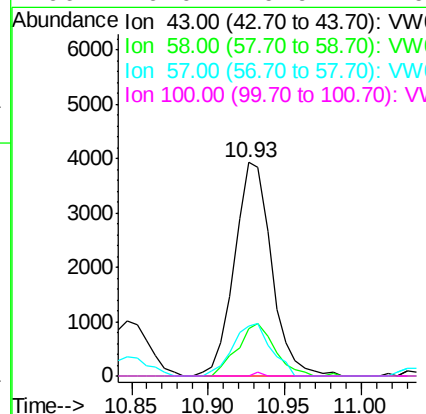
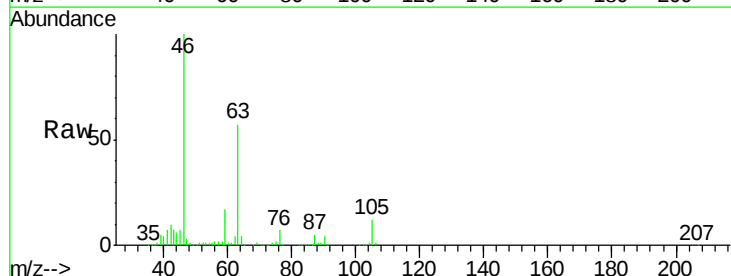
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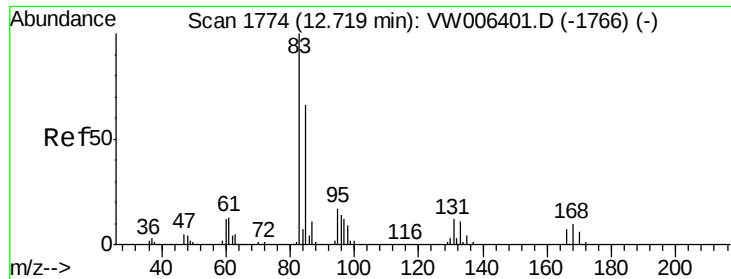
Tgt Ion: 75 Resp: 2895
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.6 42.0#



#49
 2-Hexanone
 Concen: 3.050 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW006409.D
 Acq: 26 Oct 2018 16:32

Tgt Ion: 43 Resp: 6634
 Ion Ratio Lower Upper
 43 100
 58 24.6 42.1 63.1#
 57 25.1 15.1 22.7#
 100 0.0 9.9 14.9#





#58

1,1,2,2-Tetrachloroethane

Concen: 4.826 ug/L

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW006409.D

Acq: 26 Oct 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VIBLK91

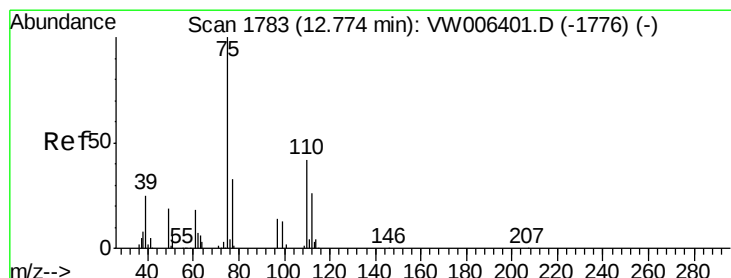
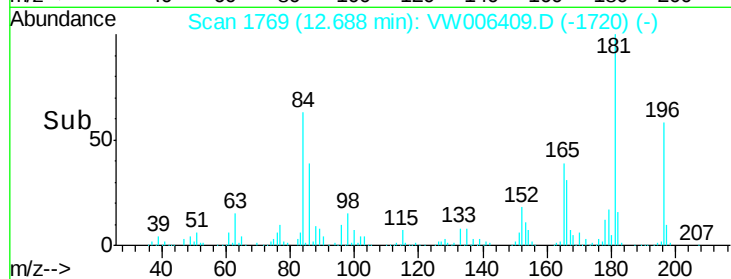
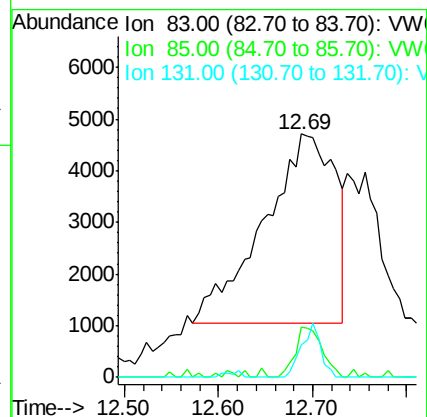
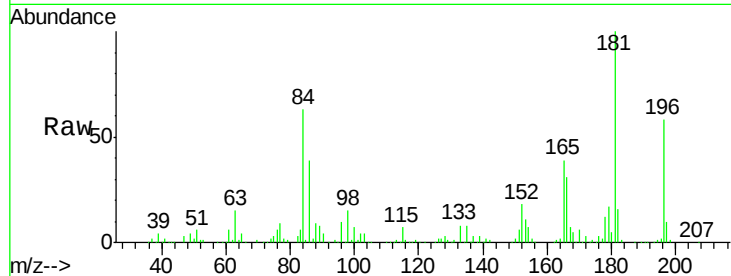
Tgt Ion: 83 Resp: 19236

Ion Ratio Lower Upper

83 100

85 20.6 44.8 83.2#

131 13.4 9.0 13.4



#59

1,2,3-Trichloropropane

Concen: 0.614 ug/L

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006409.D

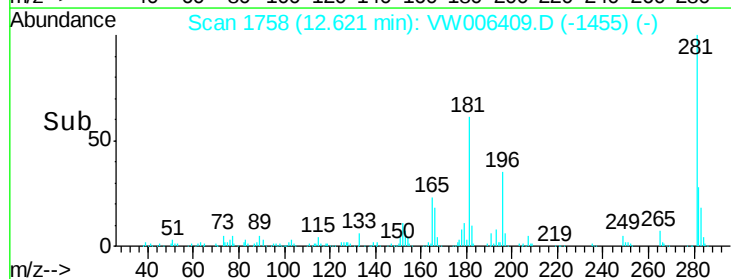
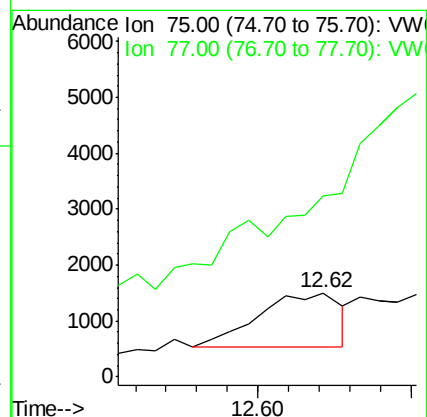
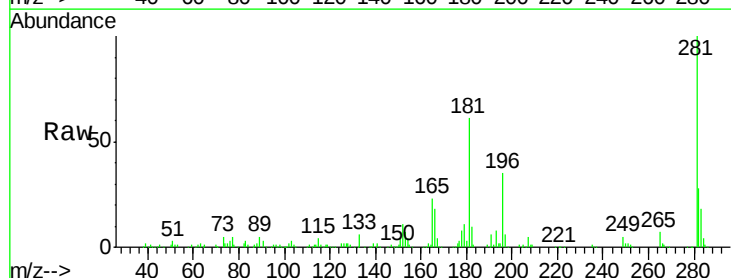
Acq: 26 Oct 2018 16:32

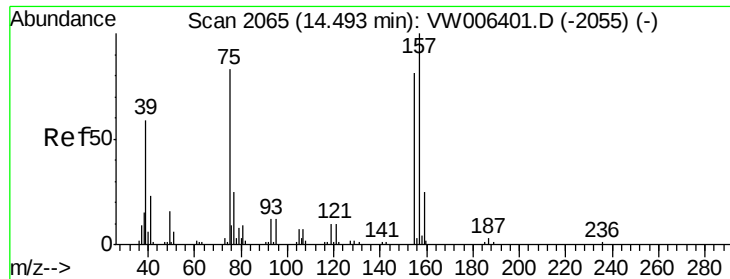
Tgt Ion: 75 Resp: 1827

Ion Ratio Lower Upper

75 100

77 38.0 25.9 38.9

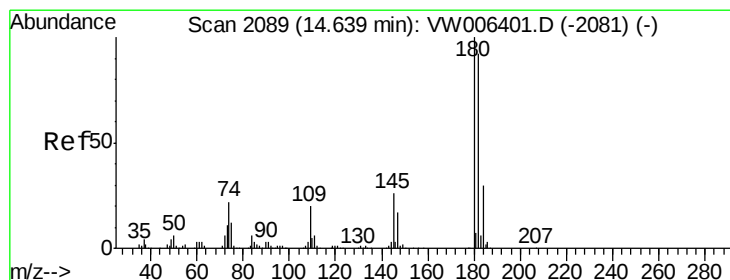
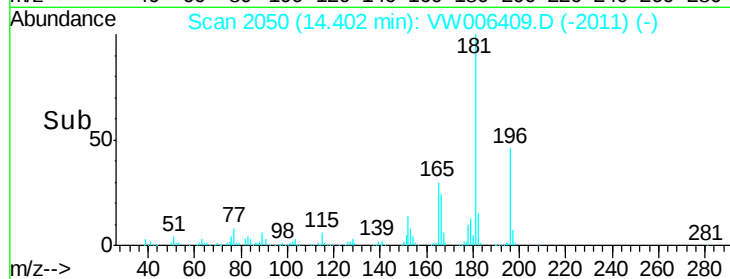
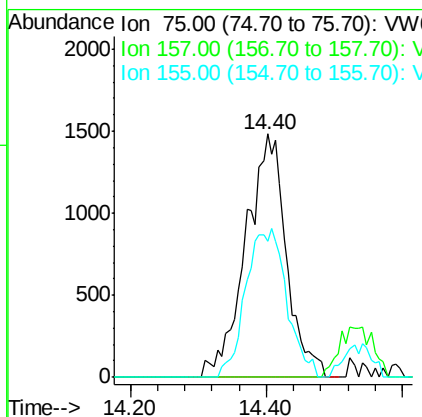
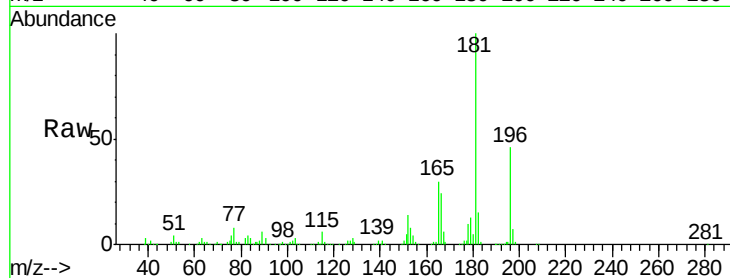




#66
 1,2-Dibromo-3-chloropropane
 Concen: 8.465 ug/L
 RT: 14.40 min Scan# 2050
 Delta R.T. -0.09 min
 Lab File: VW006409.D
 Acq: 26 Oct 2018 16:32

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Tgt Ion: 75 Resp: 6147
 Ion Ratio Lower Upper
 75 100
 157 0.0 106.8 160.2#
 155 55.9 79.2 118.8#



#67
 1,3,5-Trichlorobenzene
 Concen: 1.604 ug/L
 RT: 14.40 min Scan# 2050
 Delta R.T. -0.24 min
 Lab File: VW006409.D
 Acq: 26 Oct 2018 16:32

Tgt Ion: 180 Resp: 12680
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.0 114.0#
 184 0.0 24.3 36.5#
 145 36.6 22.6 33.8#

