

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
 Data File : VW007956.D
 Acq On : 27 Dec 2018 07:36
 Operator : SY/AP
 Sample : J6507-03
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF000

Quant Time: Dec 27 08:15:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 27 03:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	87084	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	64061	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	17605	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21036	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
7) Chloroethane-d5	2.89	69	14577	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	4.01	63	40997	17.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.60%
20) 2-Butanone-d5	7.08	46	10859	29.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.34%
24) Chloroform-d	7.65	84	56241	24.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	8.31	65	35700	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.80%
29) Benzene-d6	8.27	84	102445	28.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.04%
33) 1,2-Dichloropropane-d6	9.27	67	28180	28.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.32%
37) Toluene-d8	10.32	98	84608	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	10.58	79	14428	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.88%
39) 2-Hexanone-d5	10.93	63	9002	36.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	19552	20.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	13156	18.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.00%#

Target Compounds

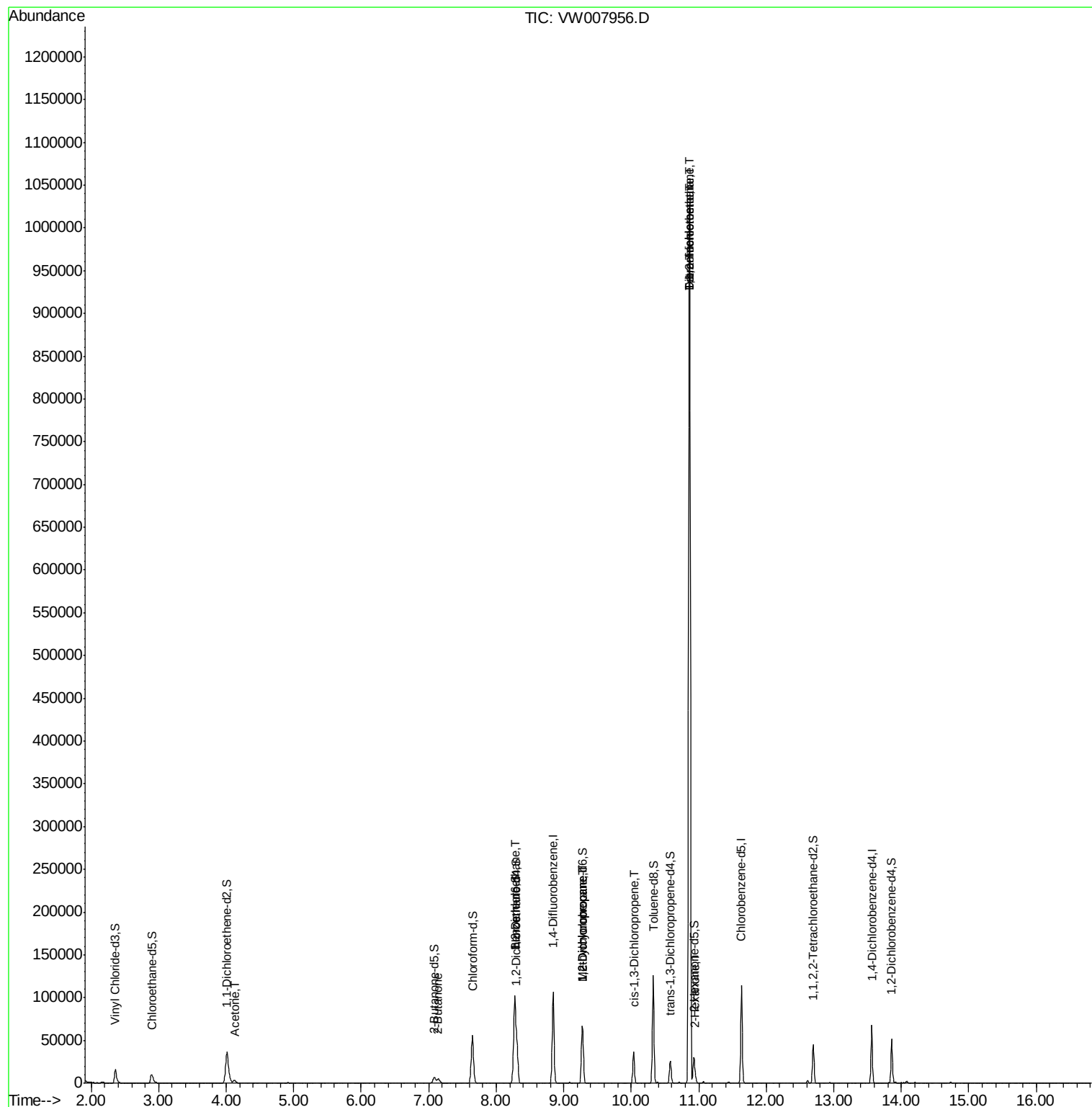
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	5099	14.259	ug/L	97
21) 2-Butanone	7.13	43	1994	4.901	ug/L #	46
27) 1,2-Dichloroethane	8.27	62	706	0.470	ug/L #	80
36) Methylcyclohexane	9.27	83	7821	4.579	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	3642	4.520	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	996	0.708	ug/L #	64
46) 1,1,2-Trichloroethane	10.86	97	2331	3.419	ug/L #	22
47) Tetrachloroethene	10.87	164	227050	286.930	ug/L	99
49) 2-Hexanone	10.95	43	3338	7.254	ug/L #	53
50) Dibromochloromethane	10.87	129	231917	267.023	ug/L #	9

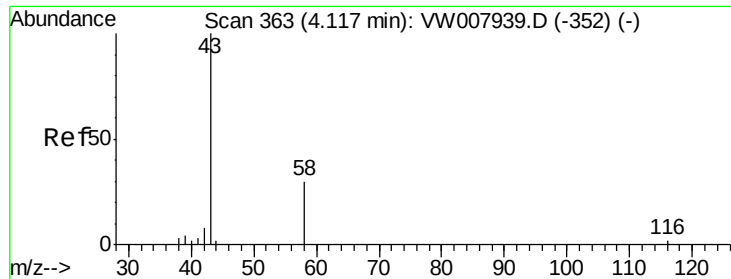
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 14.259 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007956.D

Acq: 27 Dec 2018 07:36

Instrument :

MSVOA_W

ClientSampled :

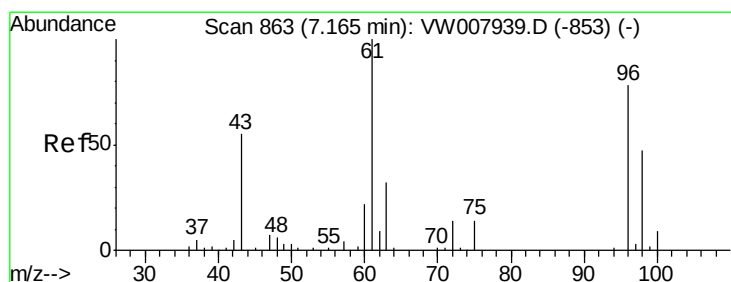
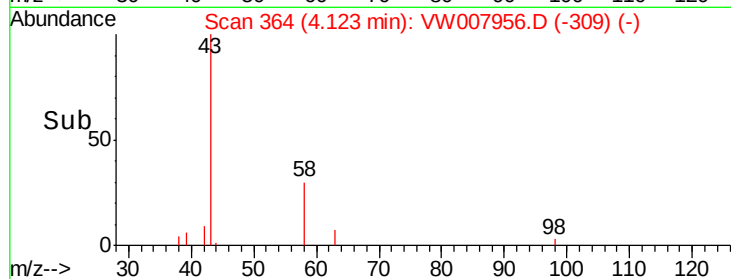
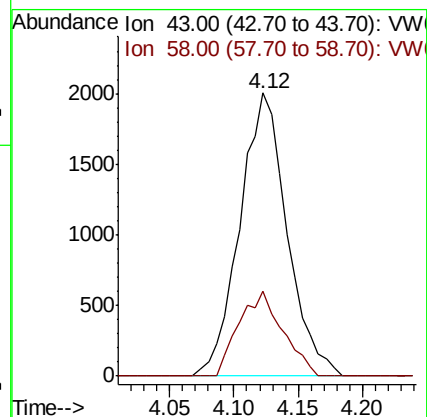
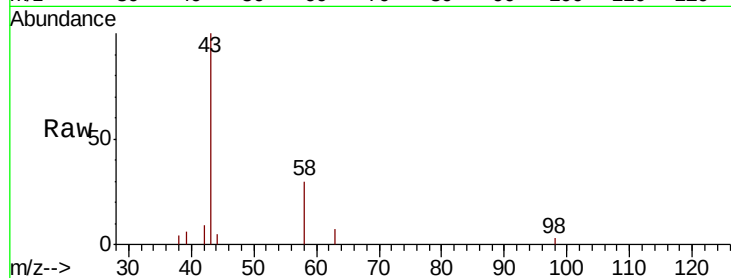
BF000

Tgt Ion: 43 Resp: 5099

Ion Ratio Lower Upper

43 100

58 27.8 0.0 58.6



#21

2-Butanone

Concen: 4.901 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW007956.D

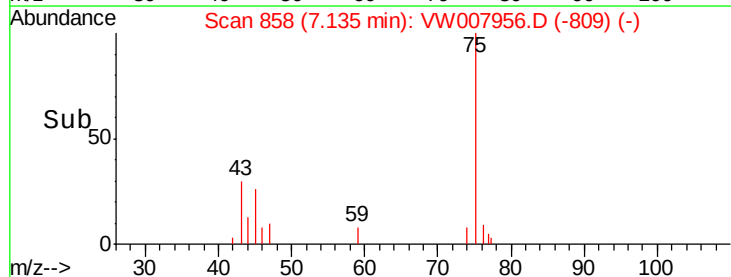
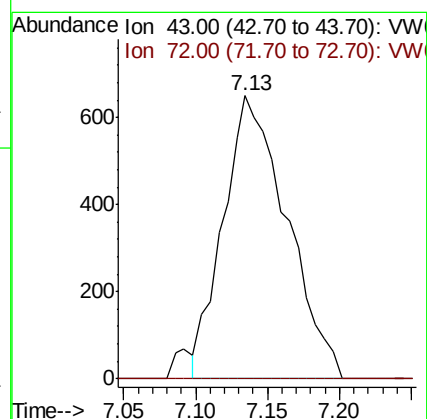
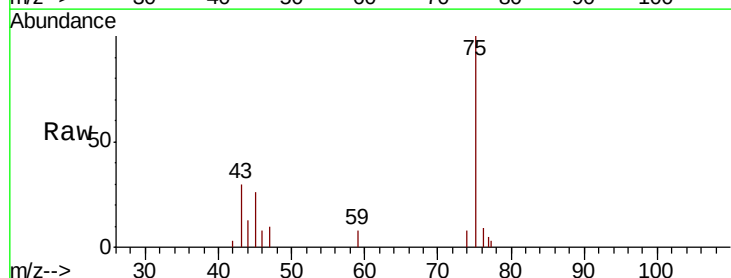
Acq: 27 Dec 2018 07:36

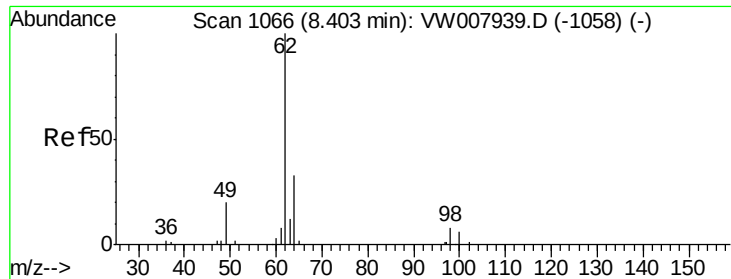
Tgt Ion: 43 Resp: 1994

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#

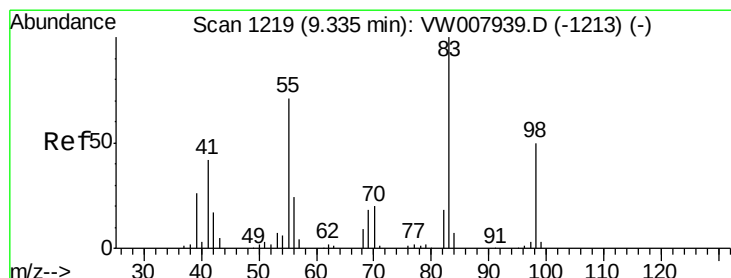
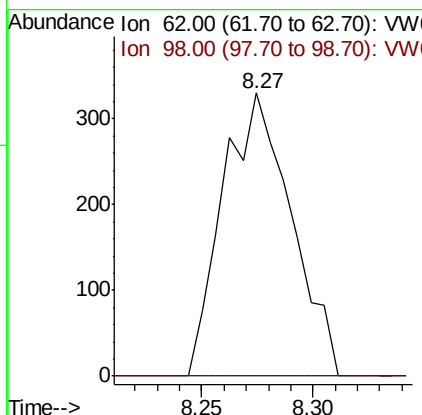
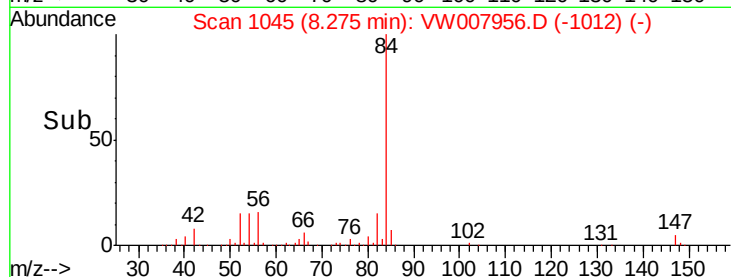
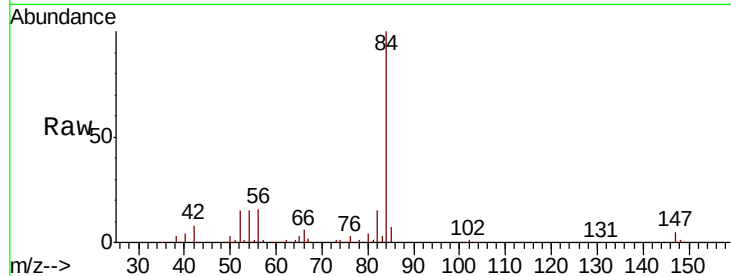




#27
 1,2-Dichloroethane
 Concen: 0.470 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW007956.D
 Acq: 27 Dec 2018 07:36

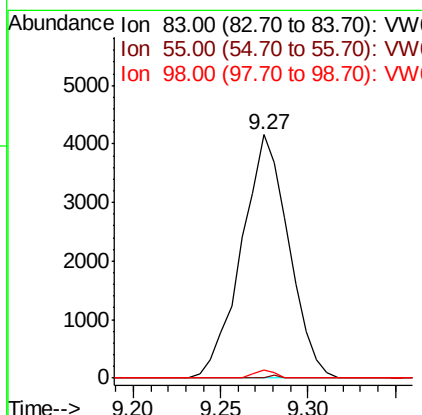
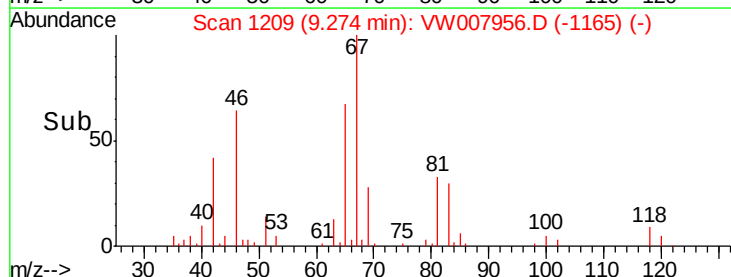
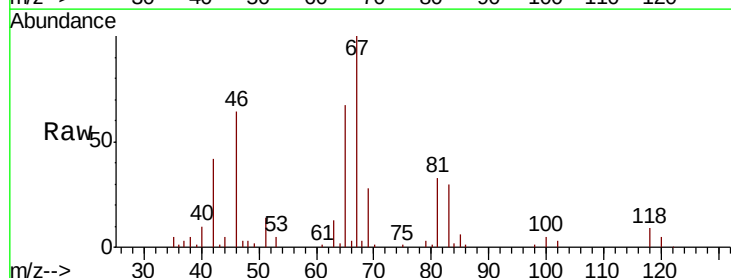
Instrument :
 MSVOA_W
 ClientSampleId :
 BF000

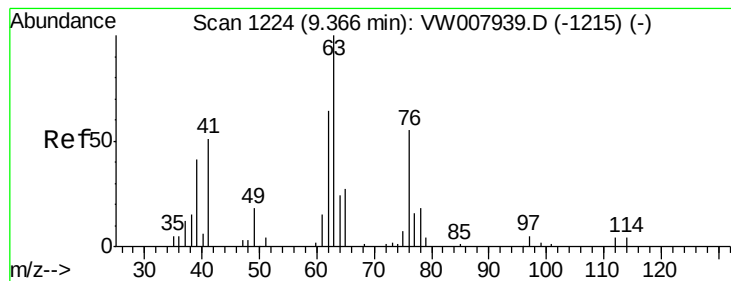
Tgt Ion: 62 Resp: 706
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#



#36
 Methylcyclohexane
 Concen: 4.579 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW007956.D
 Acq: 27 Dec 2018 07:36

Tgt Ion: 83 Resp: 7821
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.4 89.0#
 98 1.5 38.2 57.2#





#40

1,2-Dichloropropane

Concen: 4.520 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007956.D

Acq: 27 Dec 2018 07:36

Instrument :

MSVOA_W

ClientSampleId :

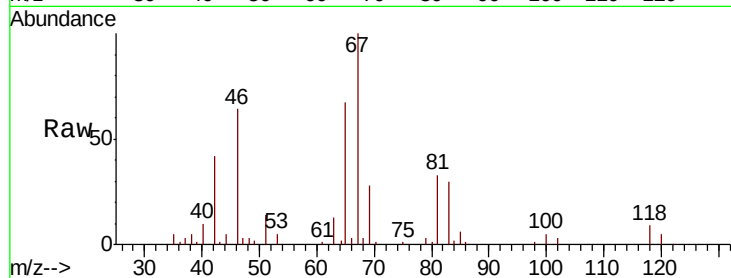
BF000

Tgt Ion: 63 Resp: 3642

Ion Ratio Lower Upper

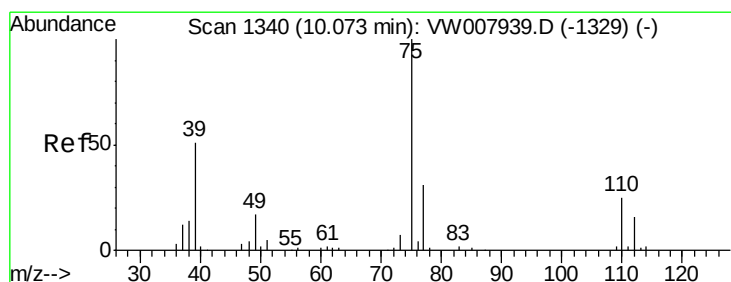
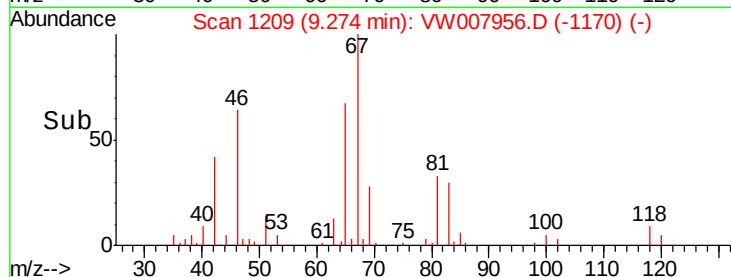
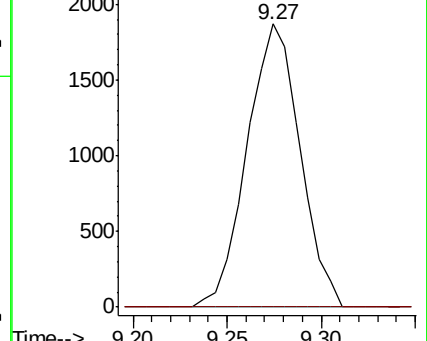
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007956.D

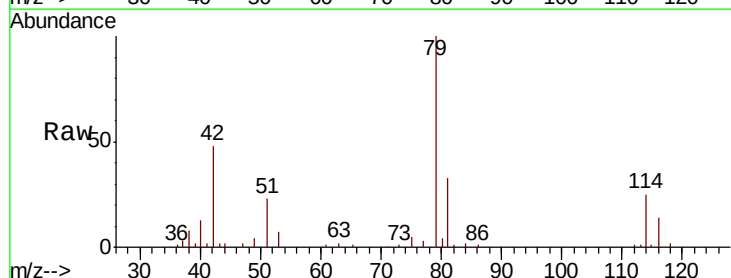
Acq: 27 Dec 2018 07:36

Tgt Ion: 75 Resp: 996

Ion Ratio Lower Upper

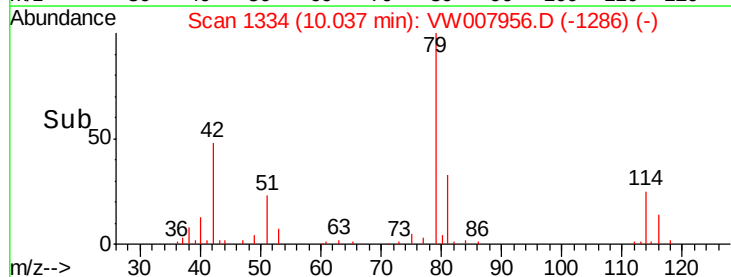
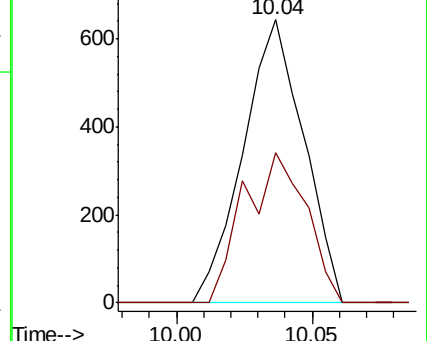
75 100

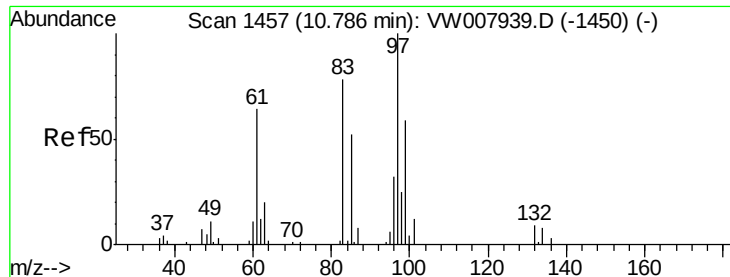
77 53.2 23.0 42.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

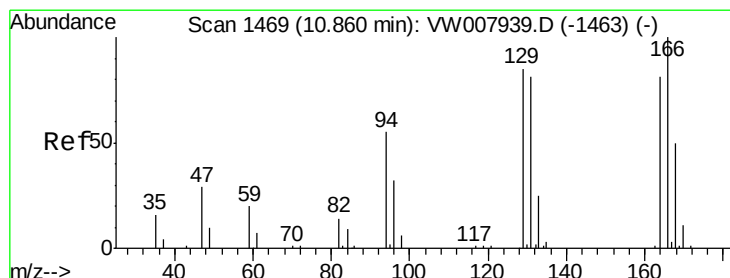
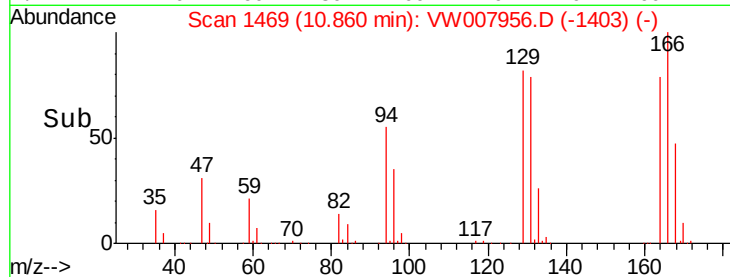
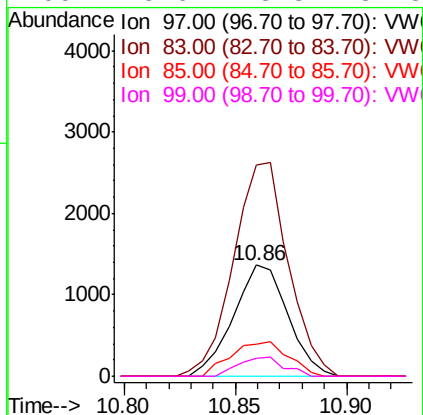
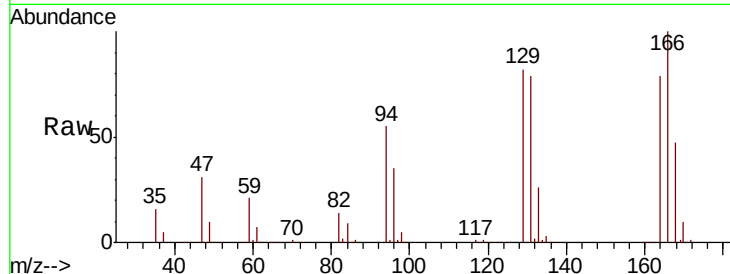




#46
 1,1,2-Trichloroethane
 Concen: 3.419 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.07 min
 Lab File: VW007956.D
 Acq: 27 Dec 2018 07:36

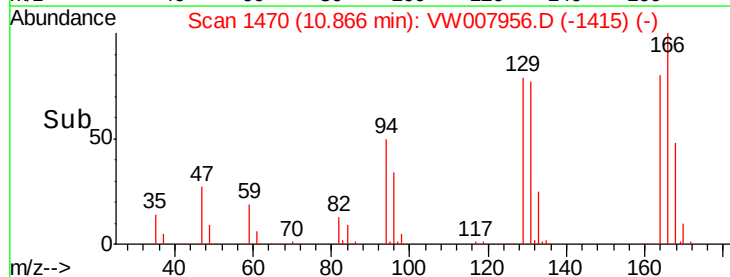
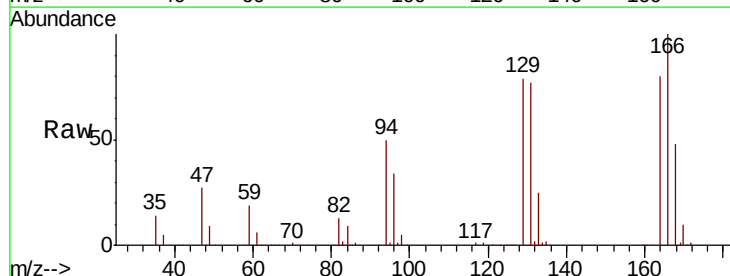
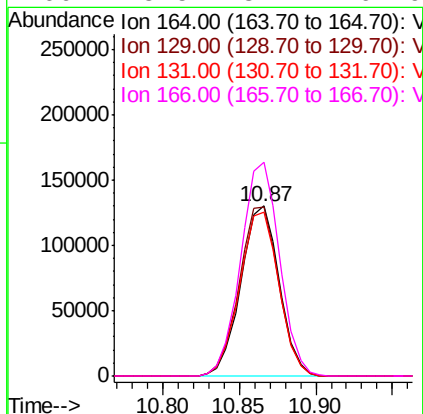
Instrument :
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 ClientSampleId :
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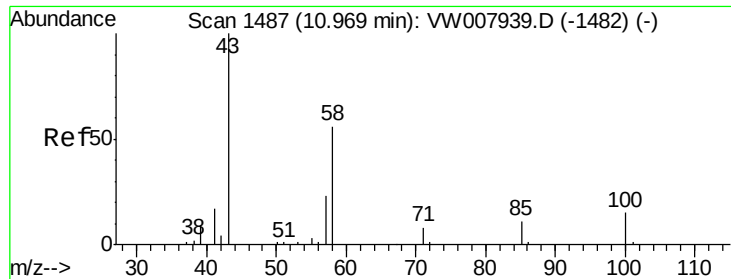
Tgt Ion: 97 Resp: 2331
 Ion Ratio Lower Upper
 97 100
 83 190.8 58.4 108.6#
 85 29.2 36.4 67.6#
 99 15.6 43.8 81.3#



#47
 Tetrachloroethene
 Concen: 286.930 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW007956.D
 Acq: 27 Dec 2018 07:36

Tgt Ion: 164 Resp: 227050
 Ion Ratio Lower Upper
 164 100
 129 99.6 70.6 131.2
 131 96.5 66.5 123.5
 166 125.5 87.7 162.9

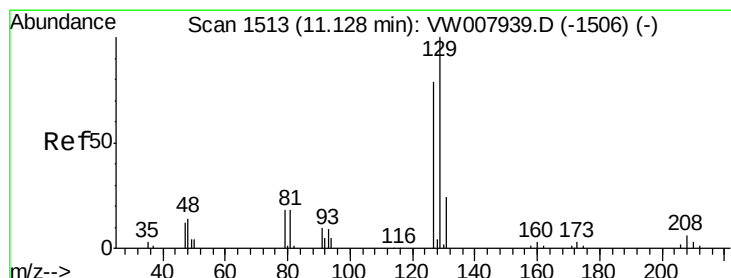
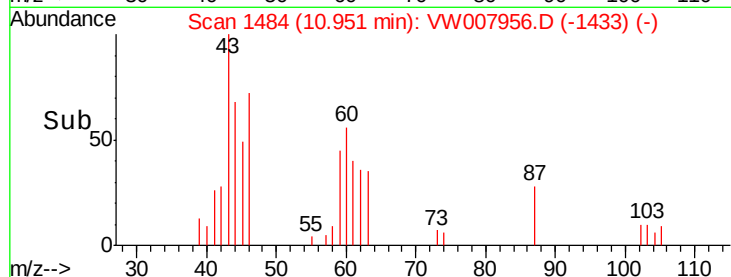
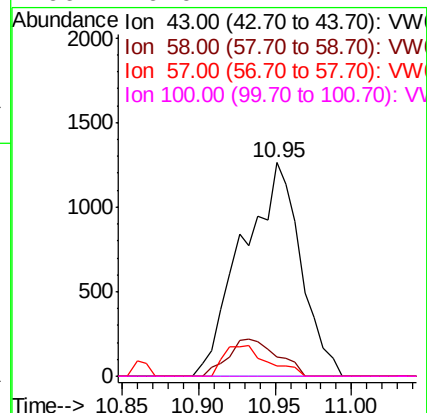
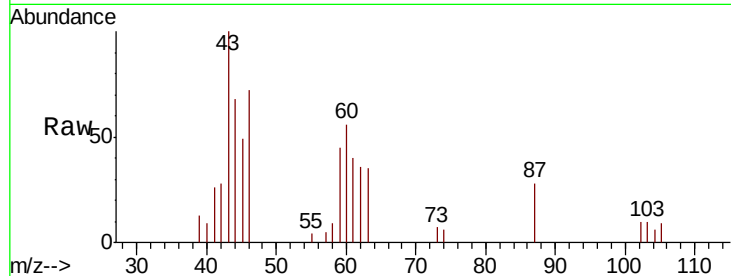




#49
2-Hexanone
Concen: 7.254 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW007956.D
Acq: 27 Dec 2018 07:36

Instrument :
MSVOA_W
ClientSampleId :
BF000

Tgt Ion: 43 Resp: 3338
Ion Ratio Lower Upper
43 100
58 14.7 46.2 69.4#
57 10.3 17.9 26.9#
100 0.0 11.4 17.2#



#50
Dibromochloromethane
Concen: 267.023 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW007956.D
Acq: 27 Dec 2018 07:36

Tgt Ion: 129 Resp: 231917
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#

