

Data File : VW007950.D
Acq On : 27 Dec 2018 05:01
Operator : SY/AP
Sample : J6506-14
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF059

Quant Time: Dec 27 07:03:58 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	102094	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	91087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	38788	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21379	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
7) Chloroethane-d5	2.89	69	14496	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.52%
10) 1,1-Dichloroethene-d2	4.01	63	43055	15.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.24%
20) 2-Butanone-d5	7.08	46	17364	40.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.94%
24) Chloroform-d	7.65	84	59219	21.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	8.31	65	38094	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.27	84	112064	21.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.76%
33) 1,2-Dichloropropane-d6	9.27	67	31159	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.68%
37) Toluene-d8	10.32	98	105525	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.80%
38) trans-1,3-Dichloropropene-	10.58	79	16831	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.40%
39) 2-Hexanone-d5	10.93	63	14414	40.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28933	21.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	32430	20.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.80%

Target Compounds

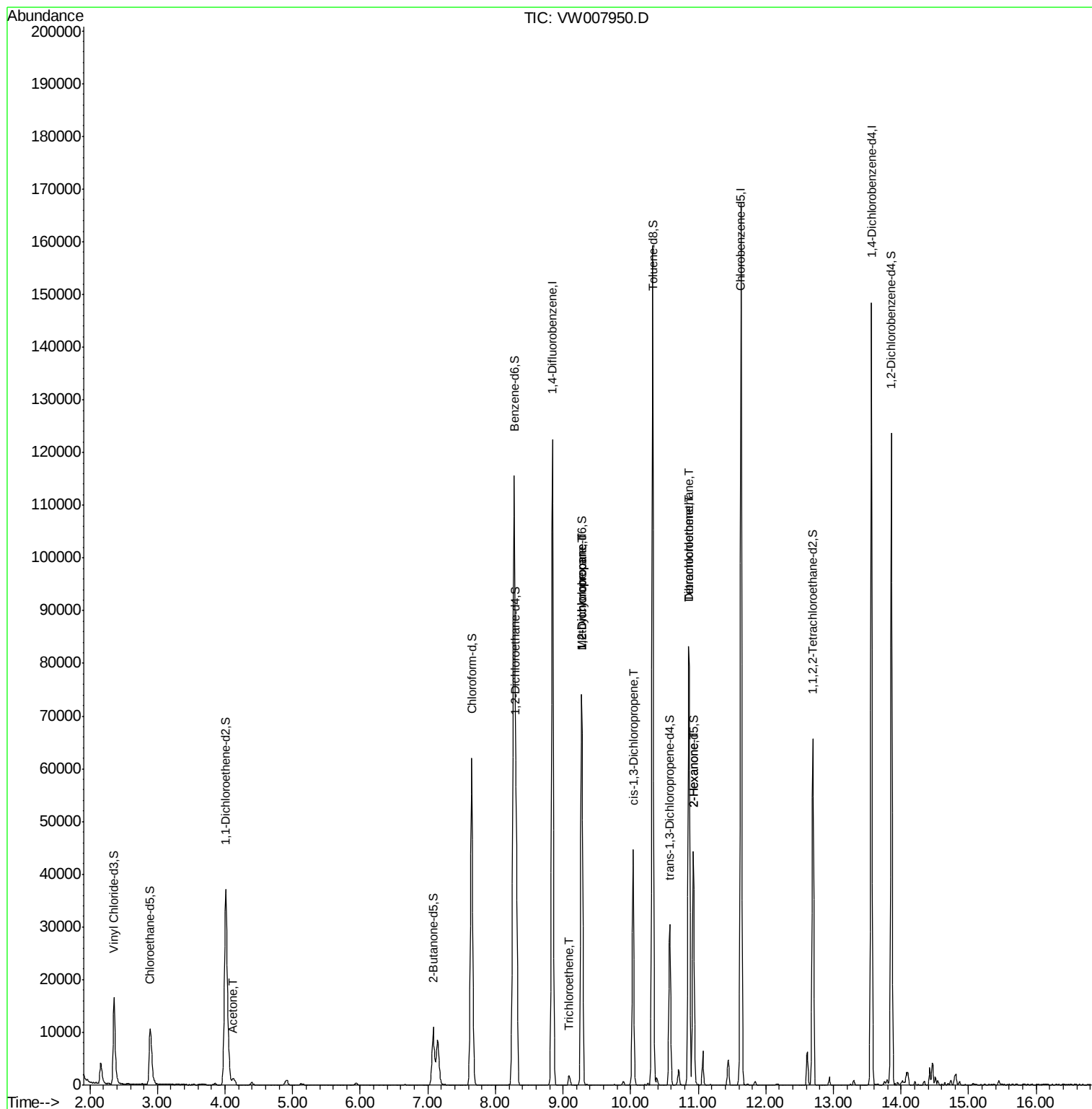
					Qvalue
13) Acetone	4.12	43	1940	4.628 ug/L	57
35) Trichloroethene	9.09	95	735	0.519 ug/L	92
36) Methylcyclohexane	9.27	83	8740	3.599 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4141	3.614 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1144	0.572 ug/L #	58
47) Tetrachloroethene	10.87	164	18130	16.113 ug/L	95
49) 2-Hexanone	10.93	43	2186	3.341 ug/L #	62
50) Dibromochloromethane	10.86	129	18476	14.961 ug/L #	9

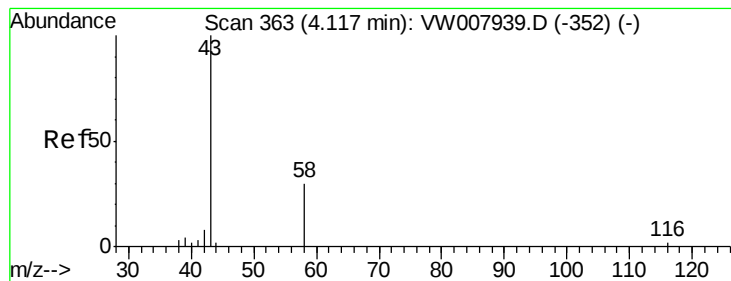
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.628 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007950.D

Acq: 27 Dec 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

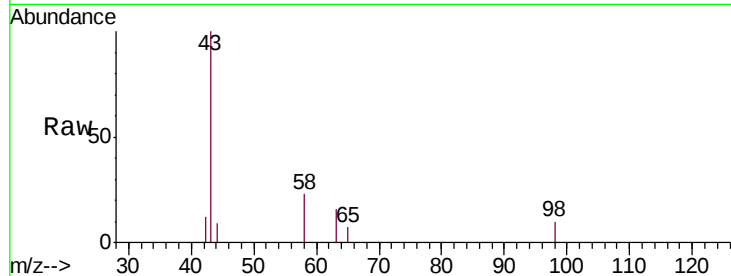
BF059

Tgt Ion: 43 Resp: 1940

Ion Ratio Lower Upper

43 100

58 6.0 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

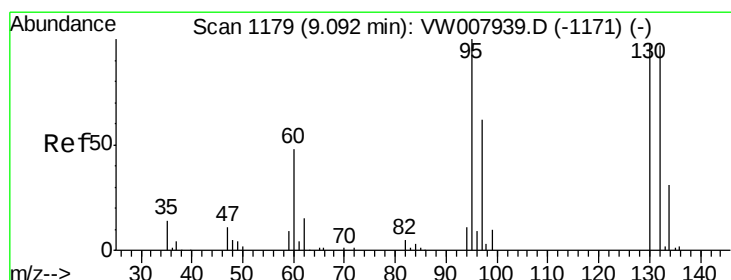
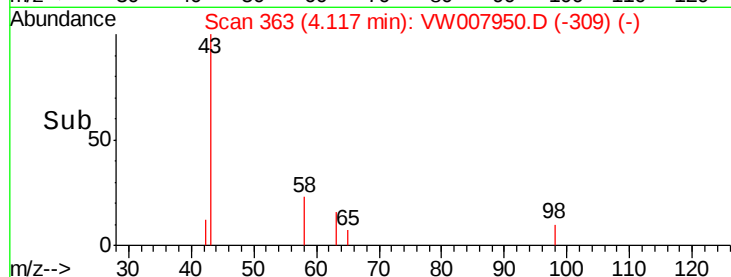
600

400

200

0

Time-->



#35

Trichloroethene

Concen: 0.519 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW007950.D

Acq: 27 Dec 2018 05:01

Tgt Ion: 95 Resp: 735

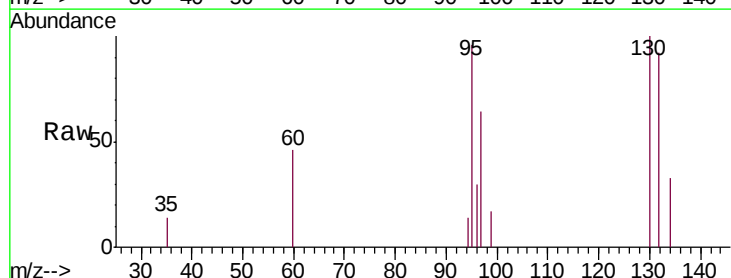
Ion Ratio Lower Upper

95 100

97 66.1 44.4 82.5

132 86.8 67.8 126.0

130 108.8 70.3 130.7



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

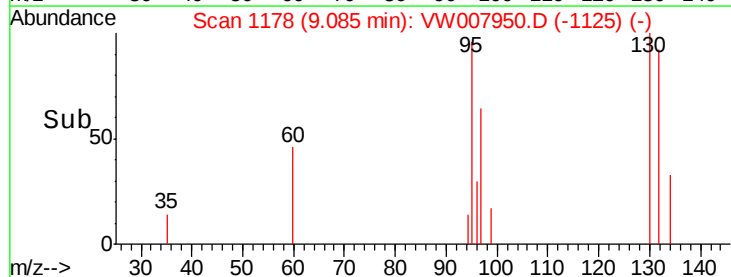
600

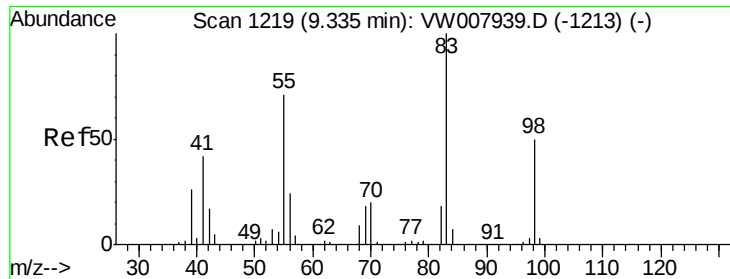
400

200

0

Time-->

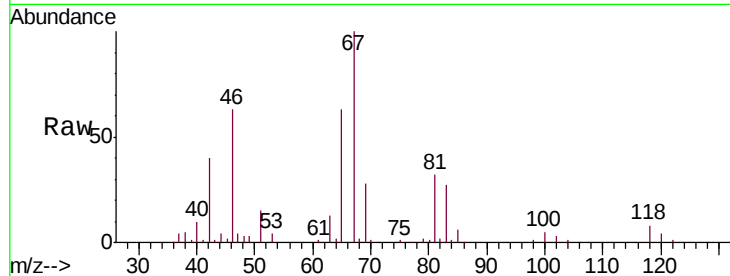




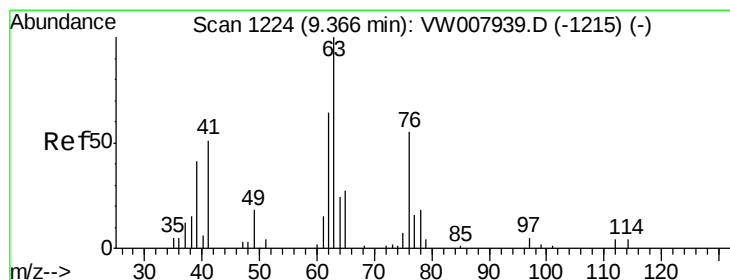
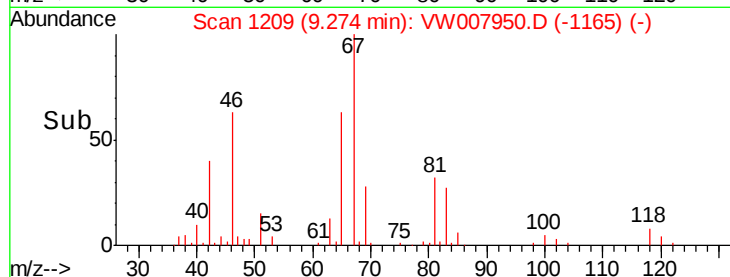
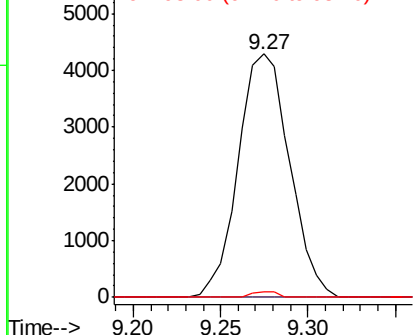
#36
Methylcyclohexane
Concen: 3.599 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007950.D
Acq: 27 Dec 2018 05:01

Instrument :
MSVOA_W
ClientSampleId :
BF059

Tgt Ion: 83 Resp: 8740
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.1 38.2 57.2#

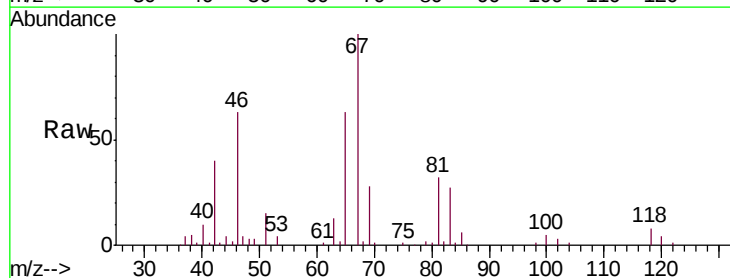


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

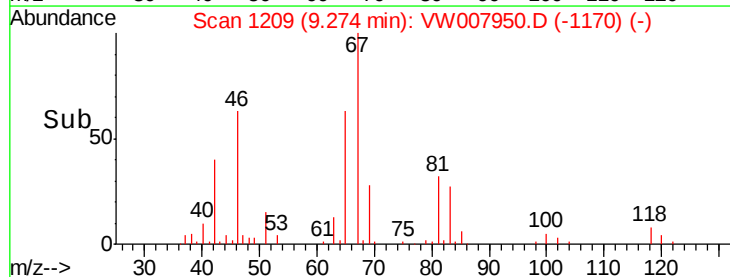
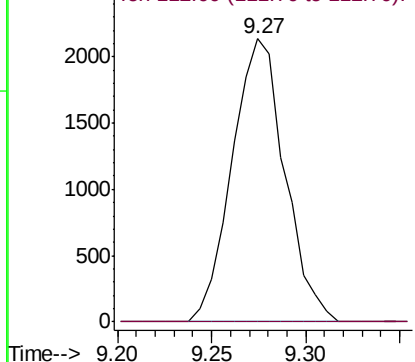


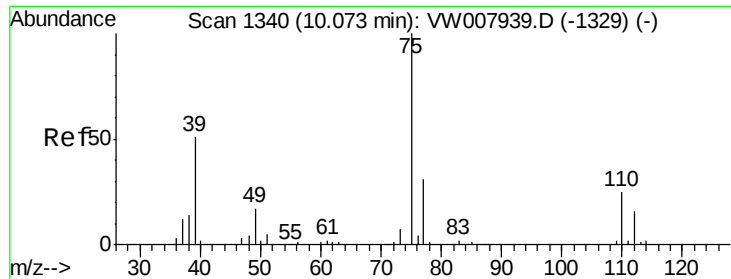
#40
1,2-Dichloropropane
Concen: 3.614 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW007950.D
Acq: 27 Dec 2018 05:01

Tgt Ion: 63 Resp: 4141
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): V

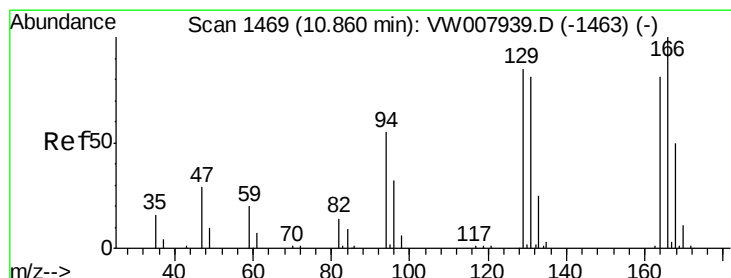
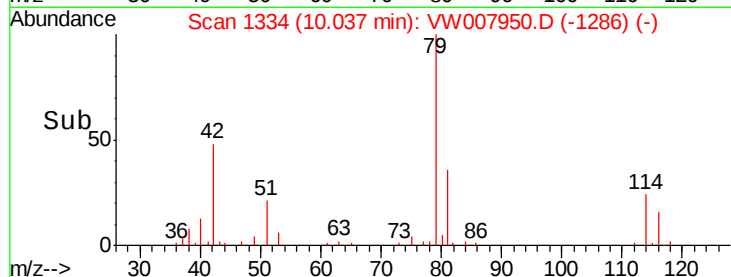
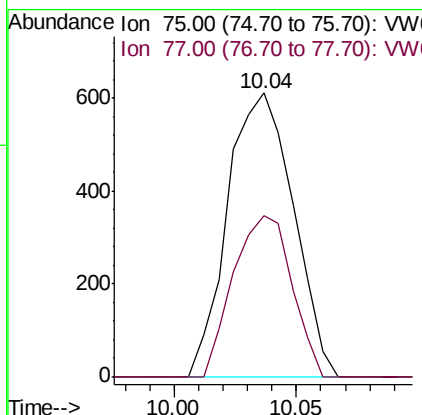
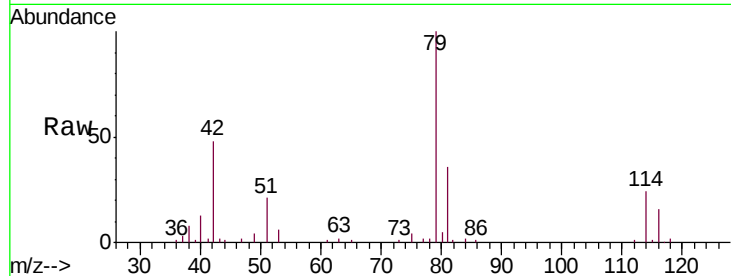




#42
 cis-1,3-Dichloropropene
 Concen: 0.572 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007950.D
 Acq: 27 Dec 2018 05:01

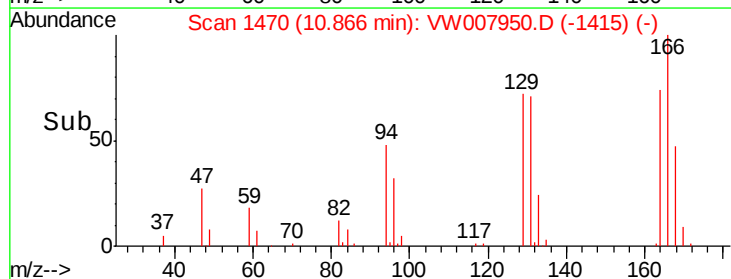
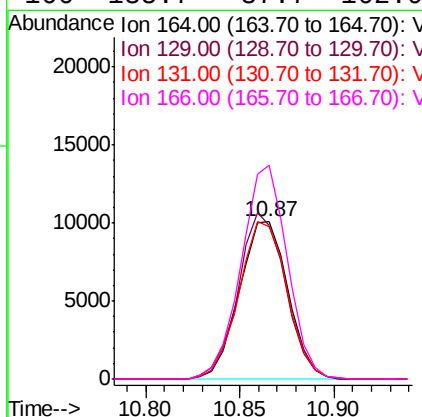
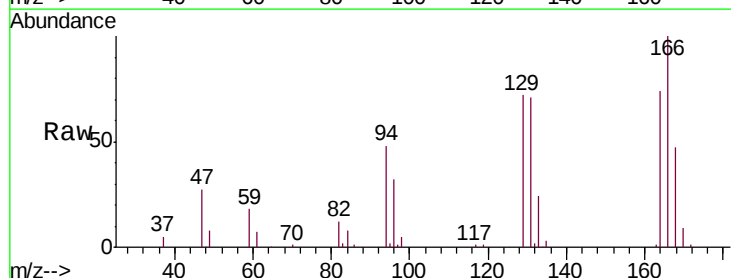
Instrument :
 MSVOA_W
 ClientSampleId :
 BF059

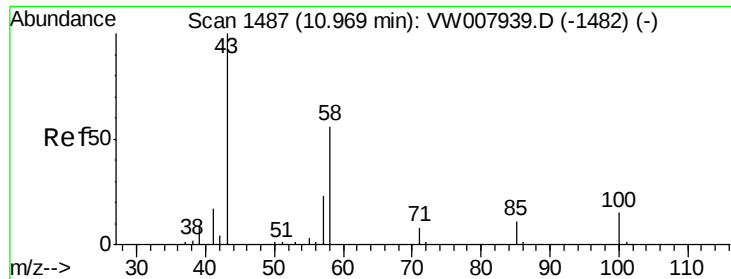
Tgt Ion: 75 Resp: 1144
 Ion Ratio Lower Upper
 75 100
 77 56.8 23.0 42.8#



#47
 Tetrachloroethene
 Concen: 16.113 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW007950.D
 Acq: 27 Dec 2018 05:01

Tgt Ion: 164 Resp: 18130
 Ion Ratio Lower Upper
 164 100
 129 97.4 70.6 131.2
 131 96.7 66.5 123.5
 166 135.7 87.7 162.9

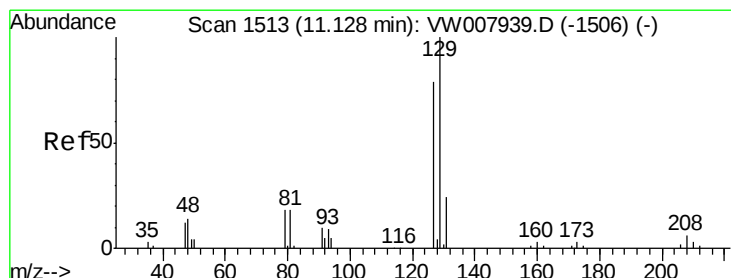
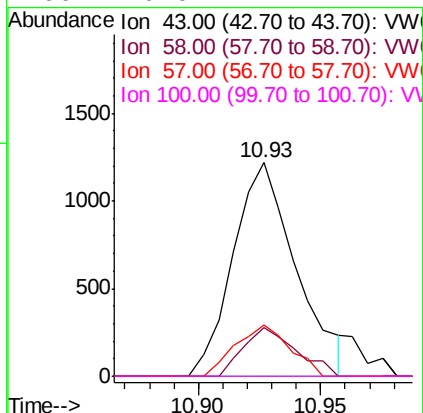
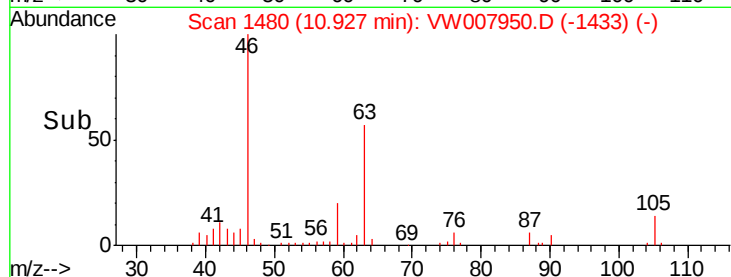
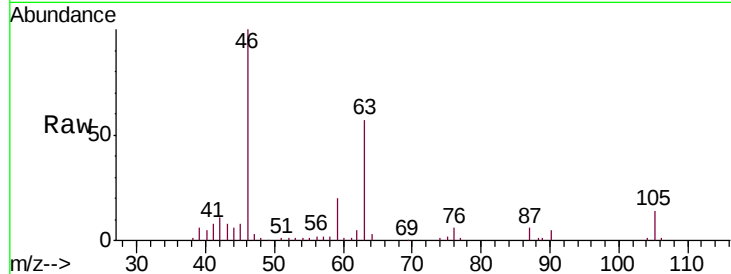




#49
2-Hexanone
Concen: 3.341 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007950.D
Acq: 27 Dec 2018 05:01

Instrument :
MSVOA_W
ClientSampled :
BF059

Tgt Ion: 43 Resp: 2186
Ion Ratio Lower Upper
43 100
58 18.9 46.2 69.4#
57 20.6 17.9 26.9
100 0.0 11.4 17.2#



#50
Dibromochloromethane
Concen: 14.961 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW007950.D
Acq: 27 Dec 2018 05:01

Tgt Ion: 129 Resp: 18476
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#

