

Data File : VW008918.D
Acq On : 01 Mar 2019 13:02
Operator : SY/VA
Sample : K1657-01
Misc : 7.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB647

Quant Time: Mar 02 02:58:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	67655	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	49204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	12483	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	20773	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
7) Chloroethane-d5	2.89	69	19646	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
10) 1,1-Dichloroethene-d2	4.02	63	32421	18.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.08%
20) 2-Butanone-d5	7.01	46	63	0.20	ug/L	-0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.40%#
24) Chloroform-d	7.65	84	19030	11.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	46.52%
26) 1,2-Dichloroethane-d4	8.31	65	24223	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	8.27	84	78609	33.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.12%
33) 1,2-Dichloropropane-d6	9.27	67	23253	33.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.40%#
37) Toluene-d8	10.32	98	62930	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.40%
38) trans-1,3-Dichloropropene-	10.58	79	7713	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.93	63	5871	31.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	14347	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	11368	25.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.20%

Target Compounds

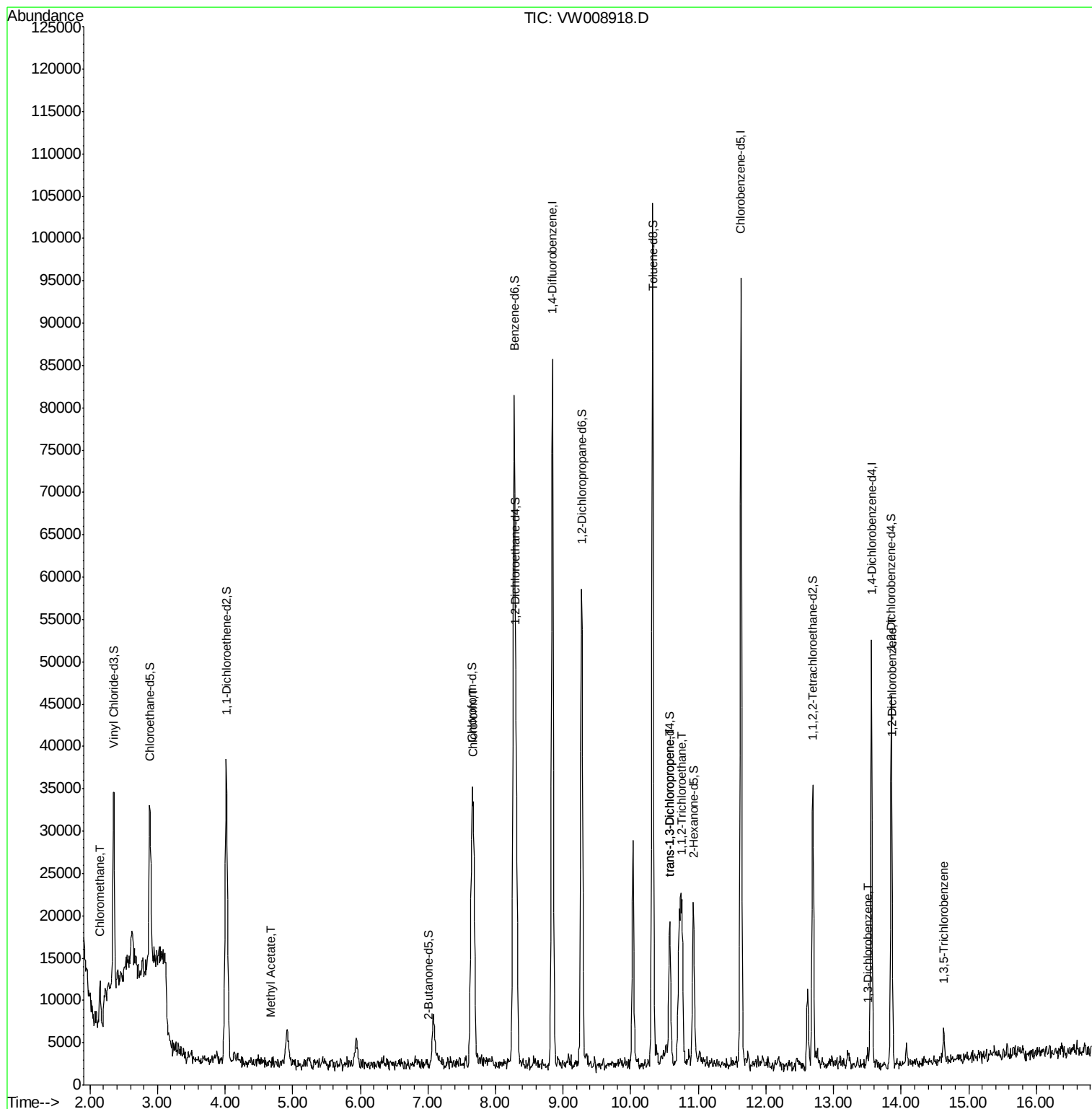
					Qvalue	
3) Chloromethane	2.15	50	309	0.230	ug/L	89
15) Methyl Acetate	4.67	43	308	0.519	ug/L #	86
25) Chloroform	7.67	83	20687	12.457	ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	629	0.659	ug/L #	1
46) 1,1,2-Trichloroethane	10.76	97	335	0.608	ug/L #	16
63) 1,3-Dichlorobenzene	13.51	146	678	0.832	ug/L #	77
65) 1,2-Dichlorobenzene	13.87	146	442	0.586	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.63	180	1155	1.801	ug/L #	94

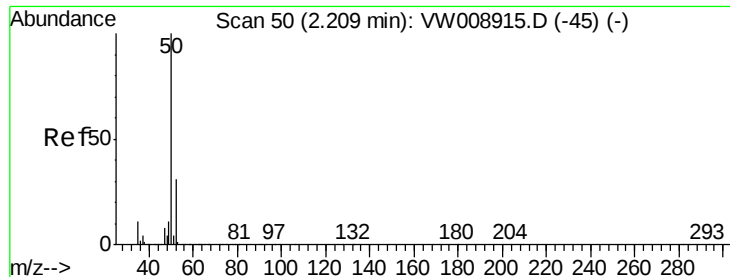
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.230 ug/L

RT: 2.15 min Scan# 40

Delta R.T. -0.06 min

Lab File: VW008918.D

Acq: 01 Mar 2019 13:02

Instrument :

MSVOA_W

ClientSampled :

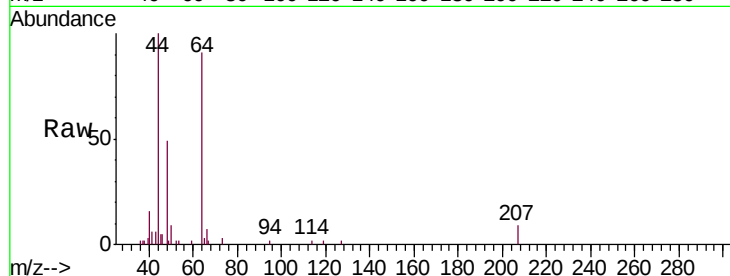
DB647

Tgt Ion: 50 Resp: 309

Ion Ratio Lower Upper

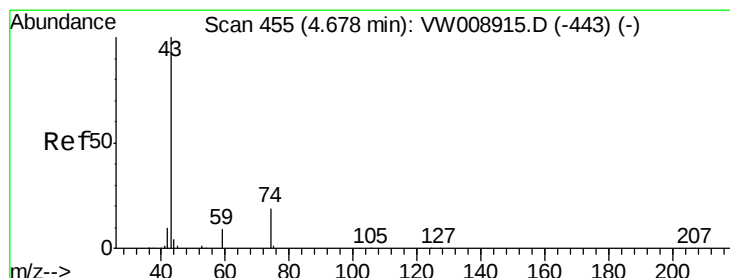
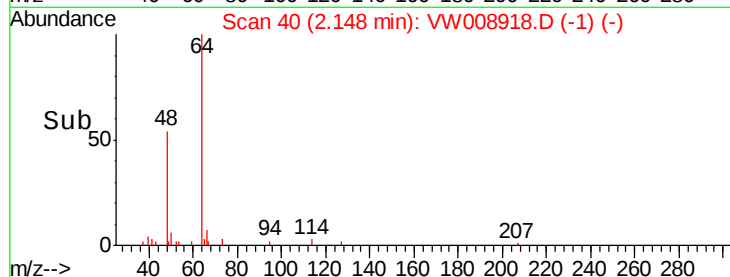
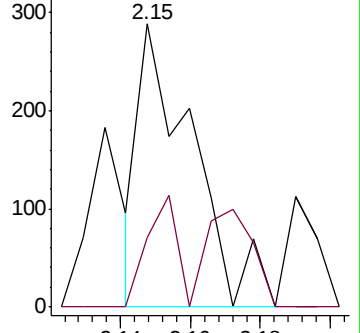
50 100

52 24.7 21.4 39.8



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW



#15

Methyl Acetate

Concen: 0.519 ug/L

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

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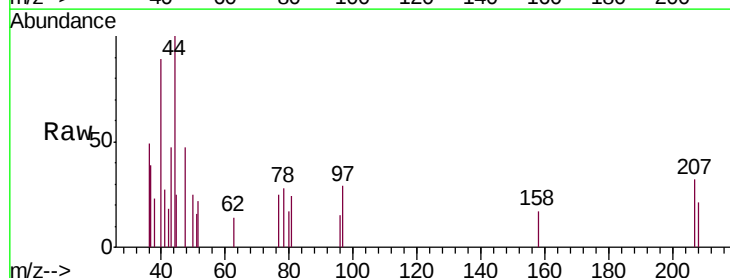
Acq: 01 Mar 2019 13:02

Tgt Ion: 43 Resp: 308

Ion Ratio Lower Upper

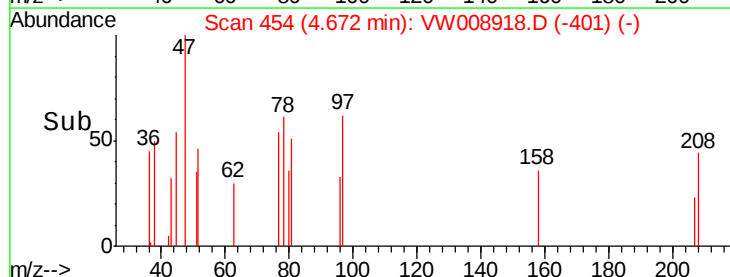
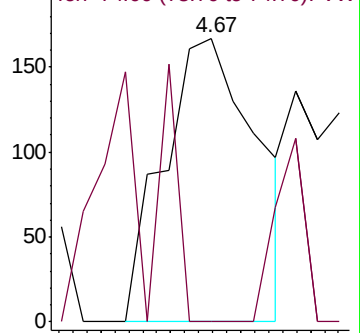
43 100

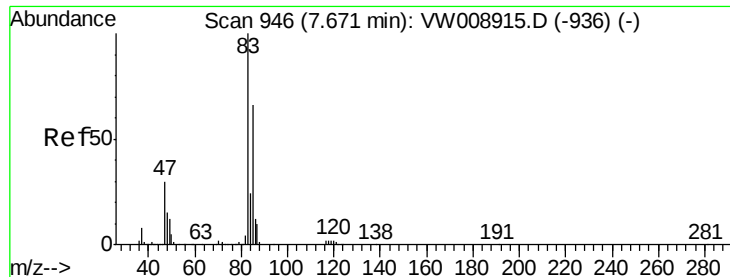
74 18.2 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

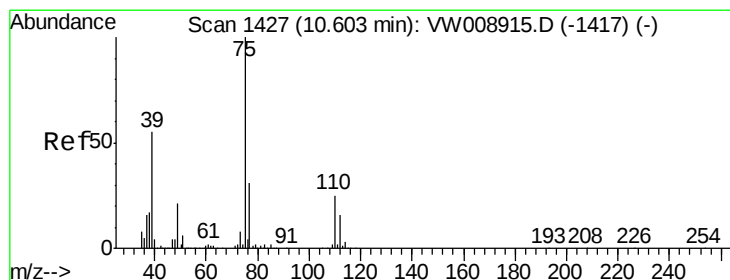
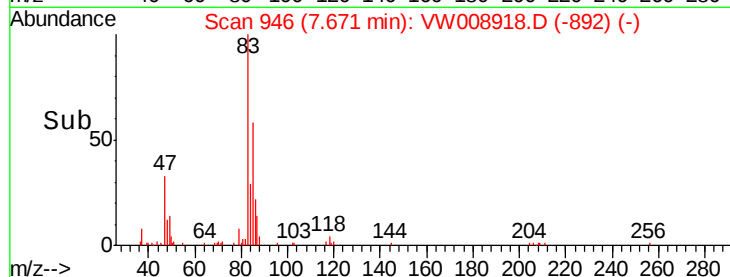
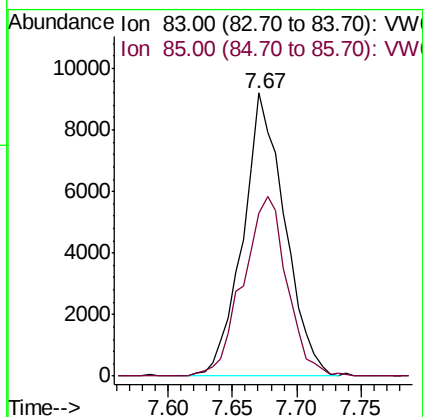
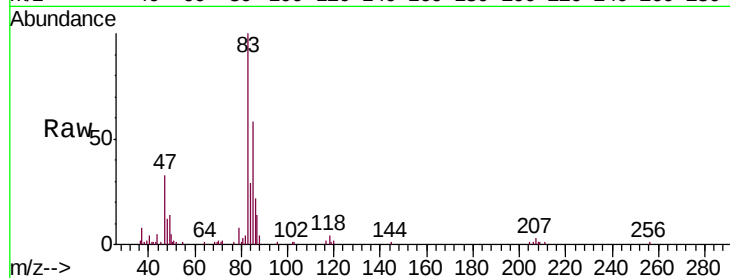




#25
Chloroform
Concen: 12.457 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008918.D
Acq: 01 Mar 2019 13:02

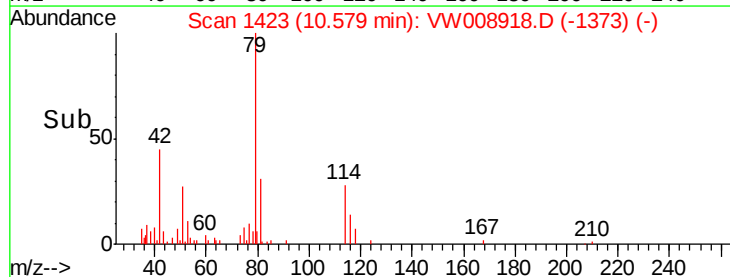
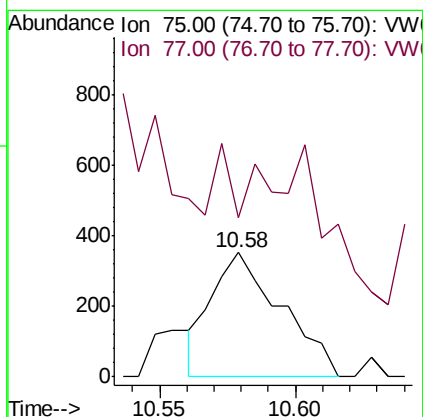
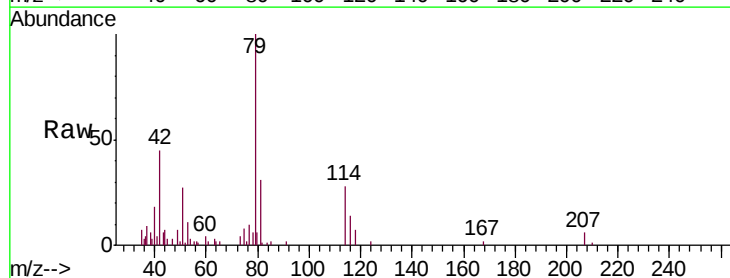
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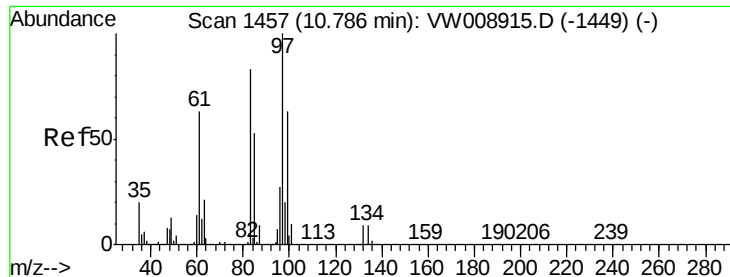
Tgt Ion: 83 Resp: 20687
Ion Ratio Lower Upper
83 100
85 66.6 45.8 85.2



#45
trans-1,3-Dichloropropene
Concen: 0.659 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW008918.D
Acq: 01 Mar 2019 13:02

Tgt Ion: 75 Resp: 629
Ion Ratio Lower Upper
75 100
77 127.7 21.1 39.3#

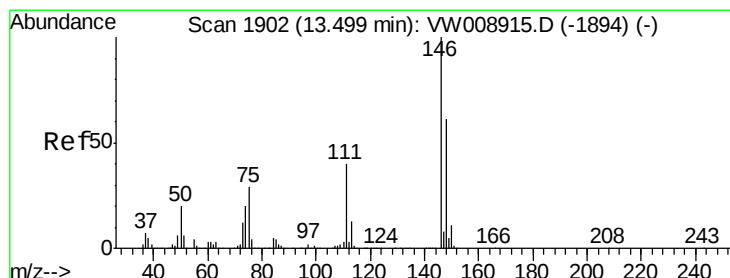
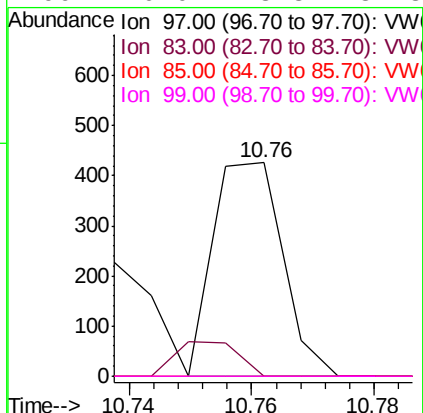
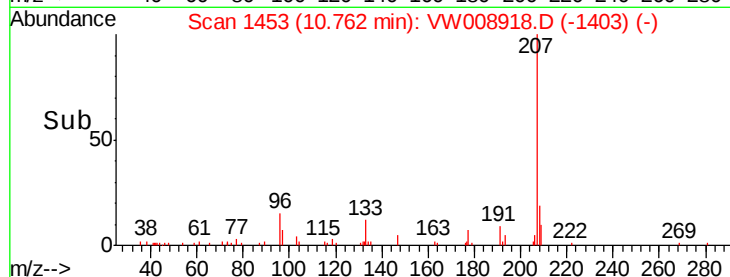
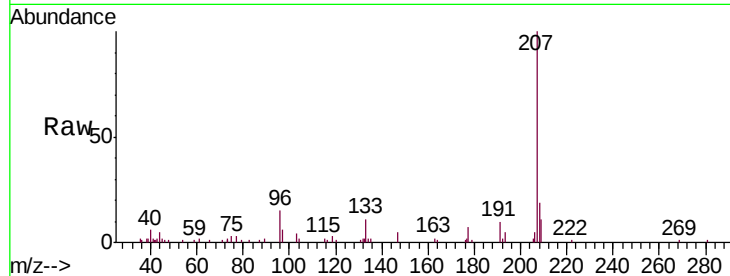




#46
 1,1,2-Trichloroethane
 Concen: 0.608 ug/L
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW008918.D
 Acq: 01 Mar 2019 13:02

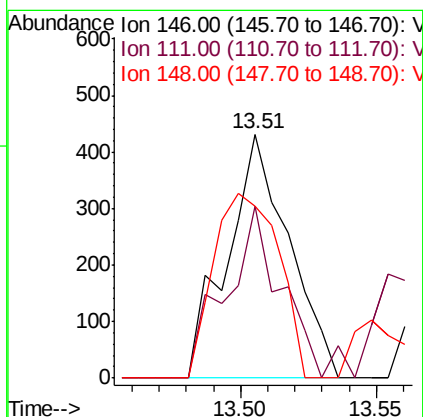
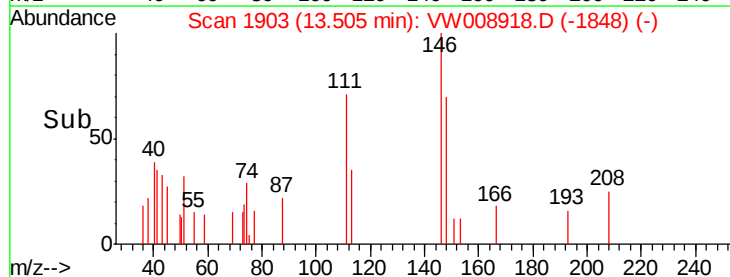
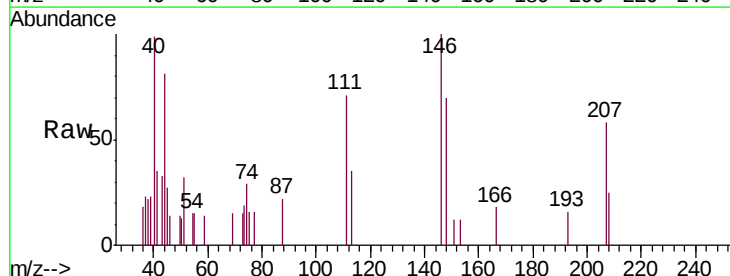
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 MSVOA_W
 ClientSampled :
 DB647

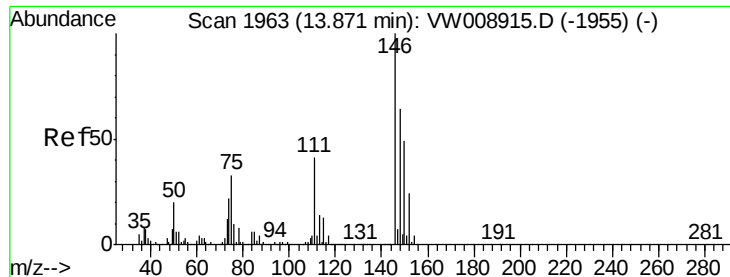
Tgt Ion: 97 Resp: 335
 Ion Ratio Lower Upper
 97 100
 83 0.0 58.4 108.6#
 85 0.0 36.4 67.6#
 99 0.0 43.8 81.3#



#63
 1,3-Dichlorobenzene
 Concen: 0.832 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008918.D
 Acq: 01 Mar 2019 13:02

Tgt Ion: 146 Resp: 678
 Ion Ratio Lower Upper
 146 100
 111 70.5 31.0 57.6#
 148 70.3 43.6 81.0

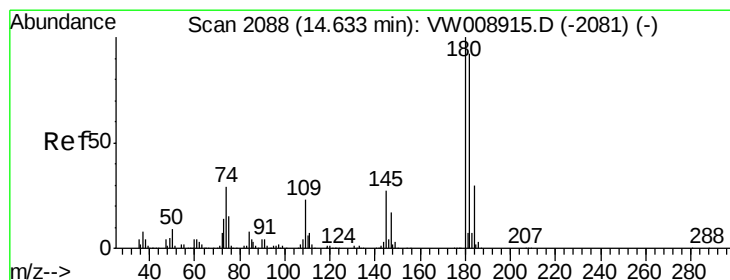
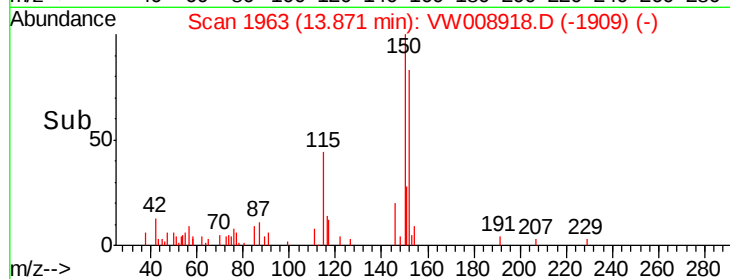
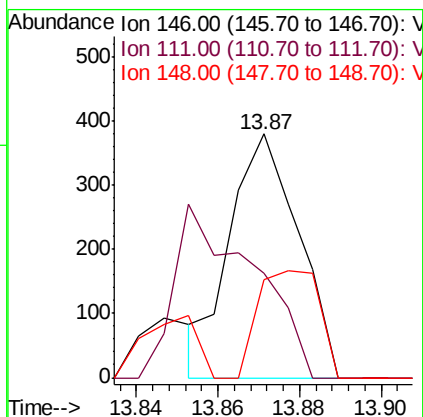
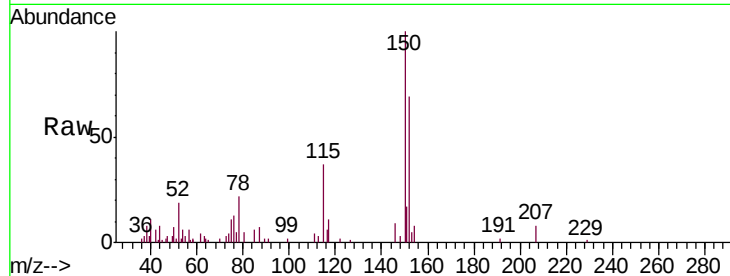




#65
 1,2-Dichlorobenzene
 Concen: 0.586 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008918.D
 Acq: 01 Mar 2019 13:02

Instrument :
 MSVOA_W
 ClientSampled :
 DB647

Tgt Ion:146 Resp: 442
 Ion Ratio Lower Upper
 146 100
 111 42.7 36.4 54.6
 148 40.1 51.0 76.4#



#67
 1,3,5-Trichlorobenzene
 Concen: 1.801 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VW008918.D
 Acq: 01 Mar 2019 13:02

Tgt Ion:180 Resp: 1155
 Ion Ratio Lower Upper
 180 100
 182 92.6 75.0 112.4
 184 22.7 23.5 35.3#
 145 26.1 26.6 39.8#

