

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015950.D
 Acq On : 24 Jul 2020 15:12
 Operator : SY/VA
 Sample : L3419-17
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:17:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	295179	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266863	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	106677	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90260	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	2.89	69	74779	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
10) 1,1-Dichloroethene-d2	4.01	63	135859	16.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.52%
20) 2-Butanone-d5	7.09	46	37292	34.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.16%
24) Chloroform-d	7.65	84	170235	20.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	8.31	65	92079	20.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.92%
29) Benzene-d6	8.28	84	356040	21.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.68%
33) 1,2-Dichloropropane-d6	9.28	67	106021	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.08%
37) Toluene-d8	10.33	98	307954	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.72%
38) trans-1,3-Dichloropropene-	10.58	79	38095	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.40%
39) 2-Hexanone-d5	10.93	63	26995	33.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73664	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	93869	22.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.28%

Target Compounds

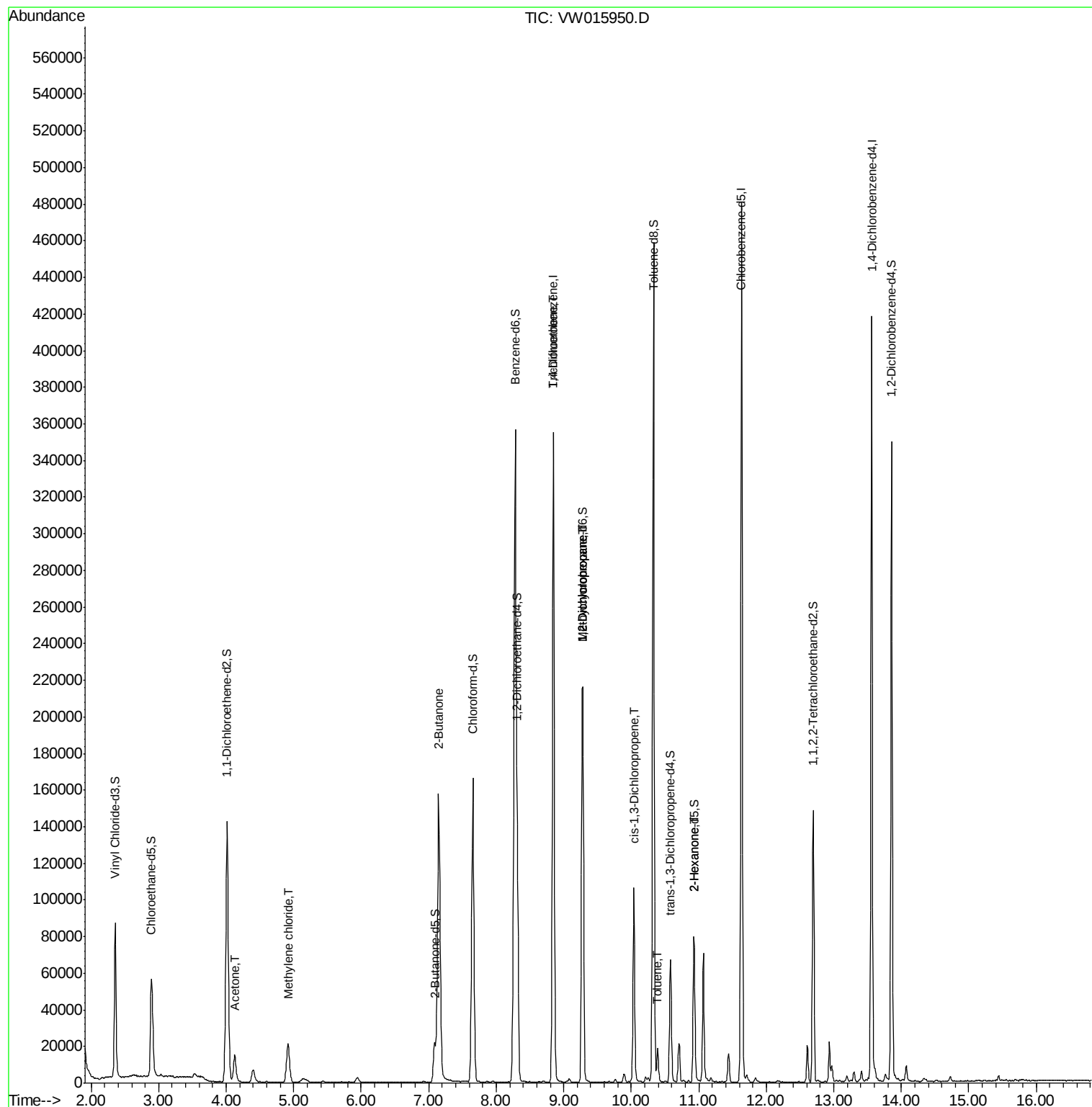
					Ovalue
13) Acetone	4.13	43	24929	27.132 ug/L	94
16) Methylene chloride	4.91	84	10295	2.128 ug/L	91
21) 2-Butanone	7.15	43	8305	7.309 ug/L #	72
35) Trichloroethene	8.85	95	8589	2.003 ug/L #	6
36) Methylcyclohexane	9.28	83	25443	3.458 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	11641	2.899 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2548	0.417 ug/L #	63
44) Toluene	10.39	91	13387	0.787 ug/L	100
49) 2-Hexanone	10.93	43	4346	2.613 ug/L #	64

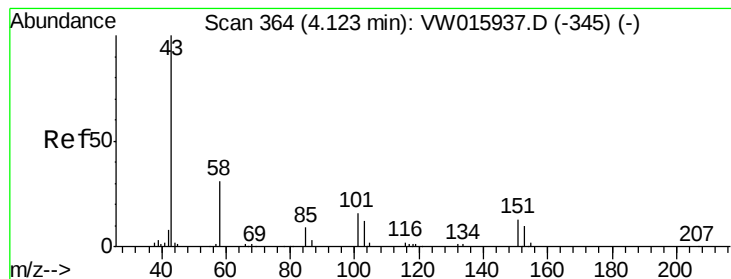
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 25 05:14:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 27.132 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015950.D

Acq: 24 Jul 2020 15:12

Instrument :

MSVOA_W

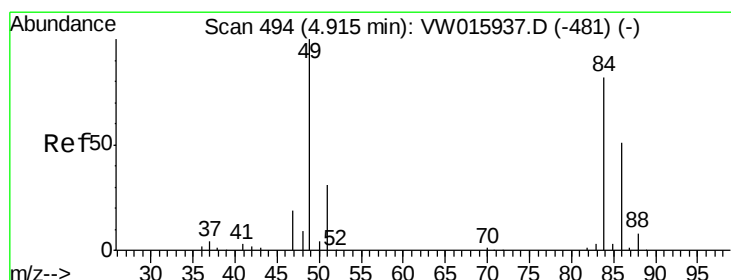
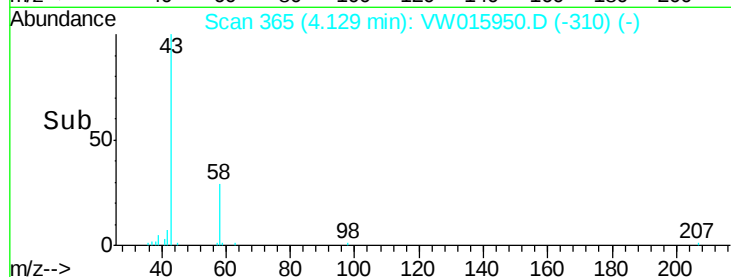
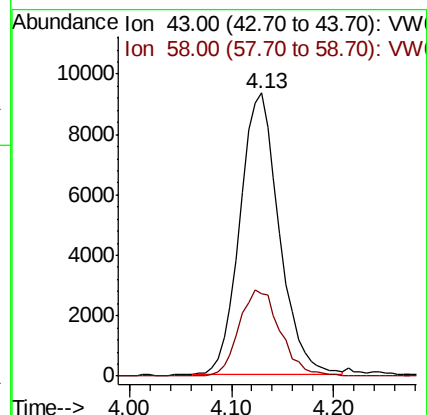
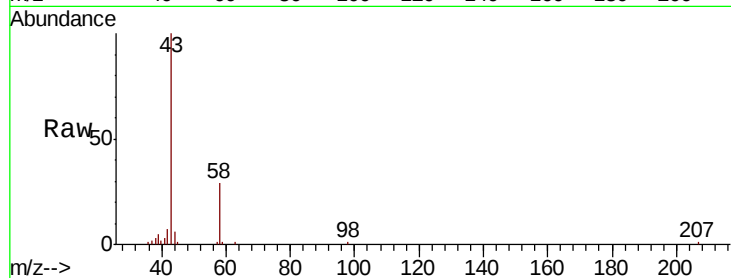
ClientSampled :

Tot Ion: 43 Resp: 24929

Ion Ratio Lower Upper

43 100

58 32.3 0.0 58.2



#16

Methylene chloride

Concen: 2.128 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW015950.D

Acq: 24 Jul 2020 15:12

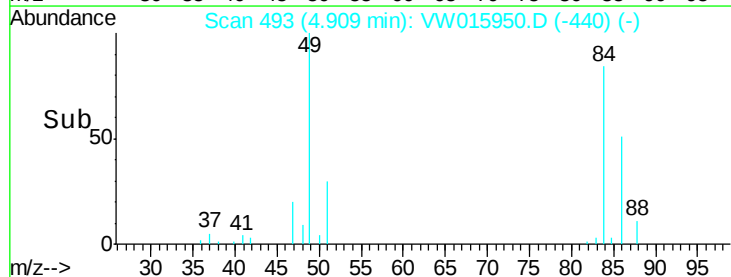
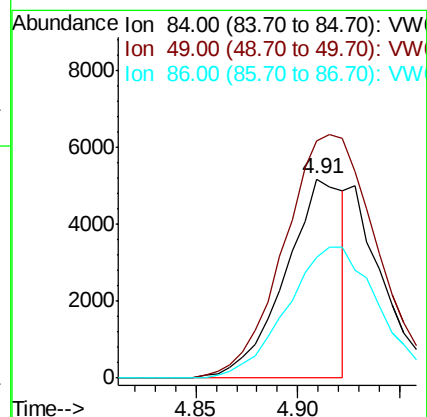
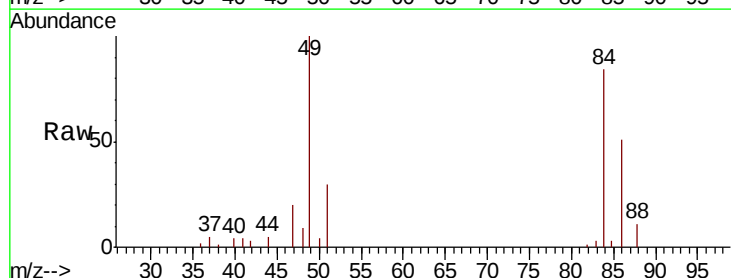
Tgt Ion: 84 Resp: 10295

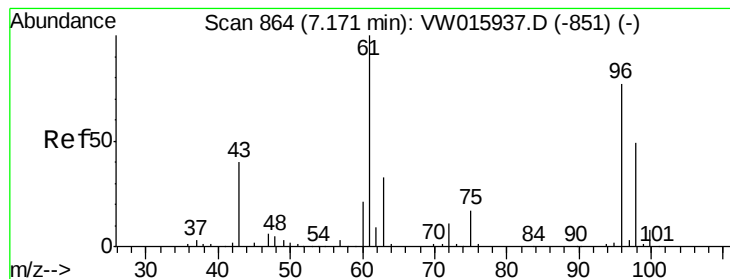
Ion Ratio Lower Upper

84 100

49 119.2 91.1 169.1

86 60.3 46.0 85.4





#21

2-Butanone

Concen: 7.309 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW015950.D

Acq: 24 Jul 2020 15:12

Instrument :

MSVOA_W

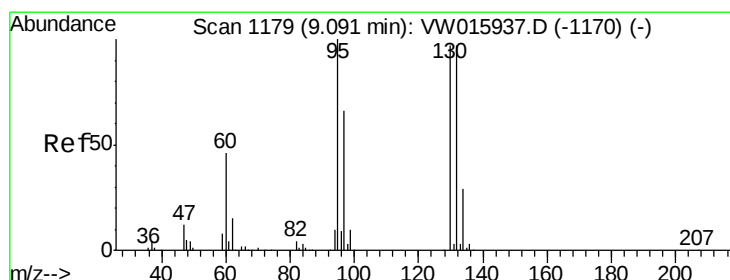
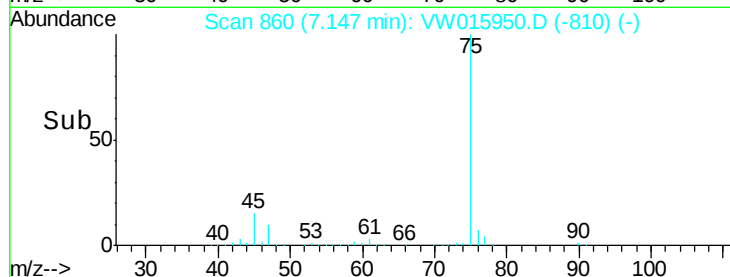
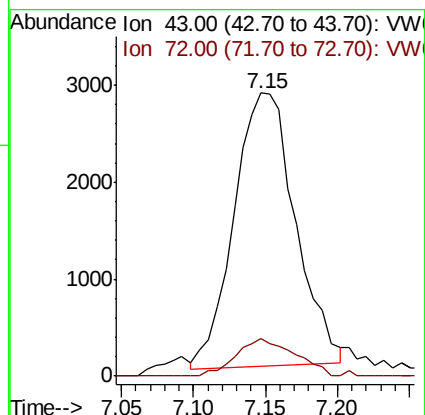
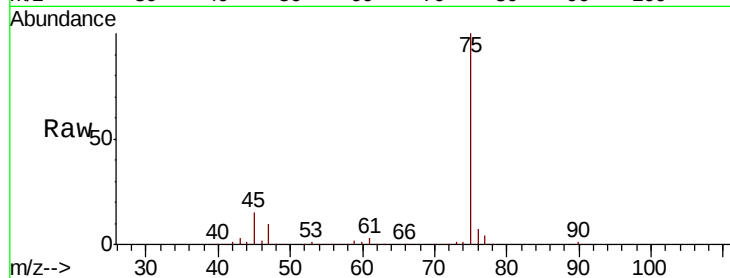
ClientSampleId :

Tot Ion: 43 Resp: 8305

Ion Ratio Lower Upper

43 100

72 13.2 13.9 41.7#



#35

Trichloroethene

Concen: 2.003 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015950.D

Acq: 24 Jul 2020 15:12

Tgt Ion: 95 Resp: 8589

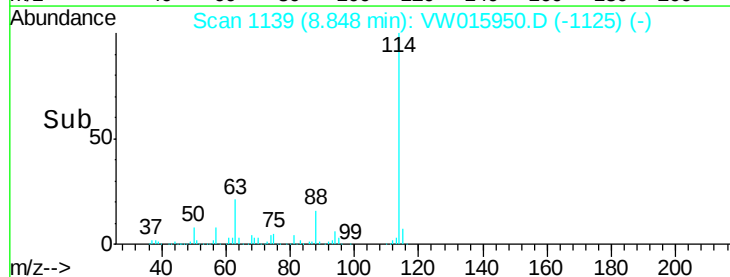
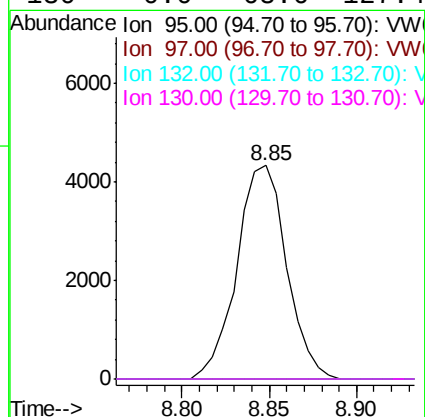
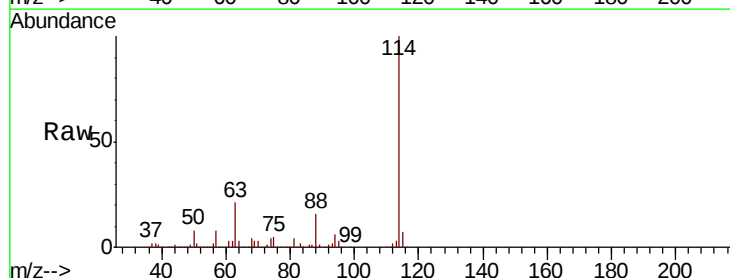
Ion Ratio Lower Upper

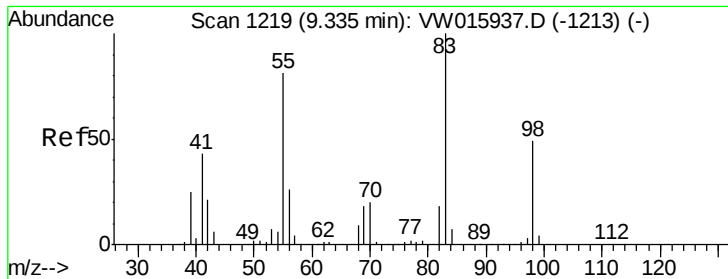
95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#



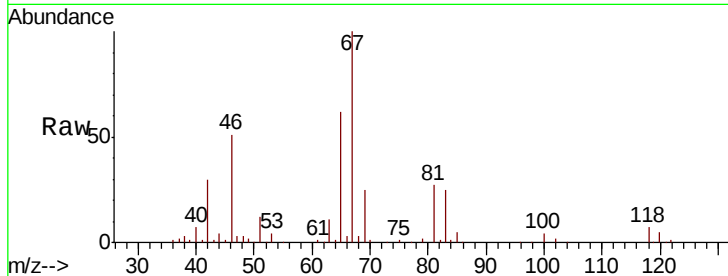


#36
Methvlcvclohexane
Concen: 3.458 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW015950.D
Acq: 24 Jul 2020 15:12

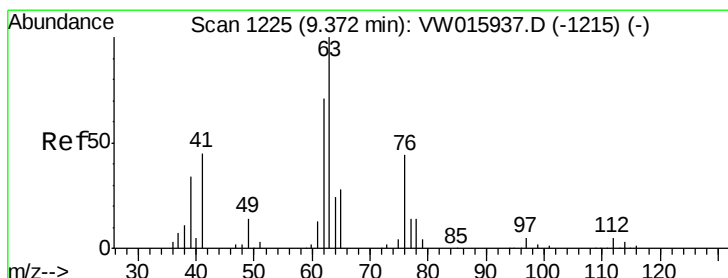
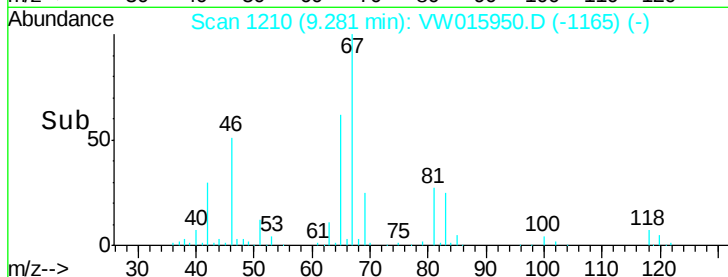
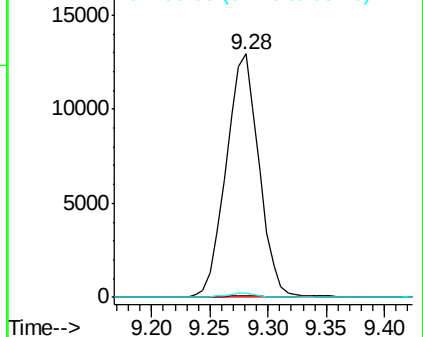
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 25443

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.5	95.3#
98	1.4	39.0	58.4#



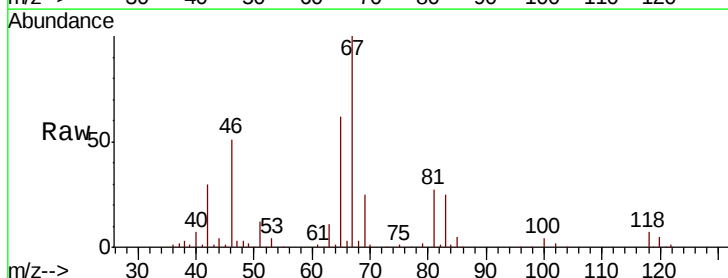
Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



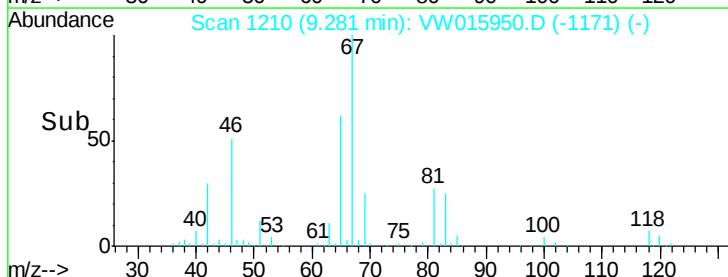
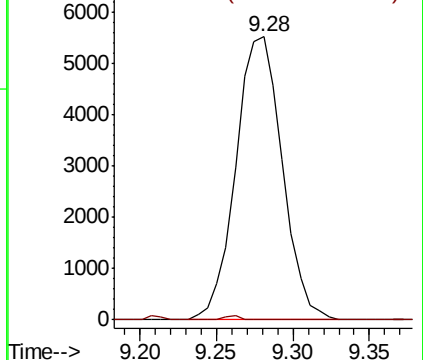
#40
1,2-Dichloropropane
Concen: 2.899 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW015950.D
Acq: 24 Jul 2020 15:12

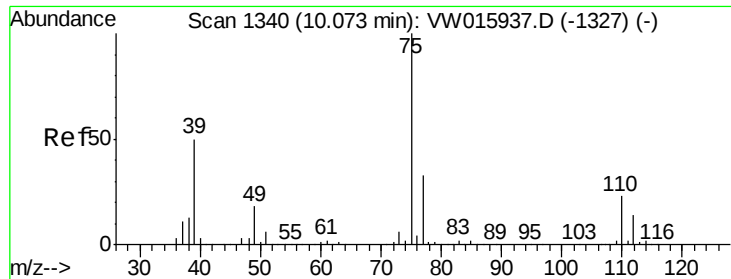
Tgt Ion: 63 Resp: 11641

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.7	5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V

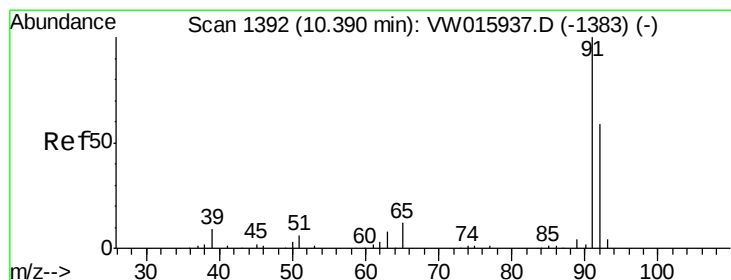
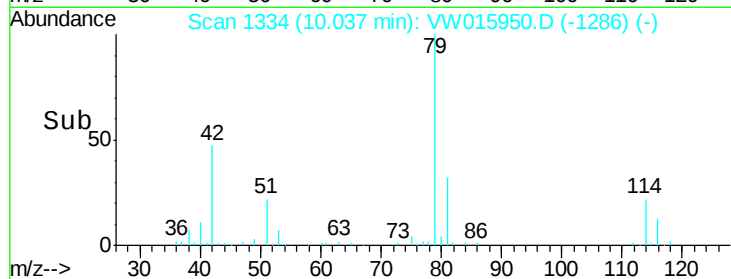
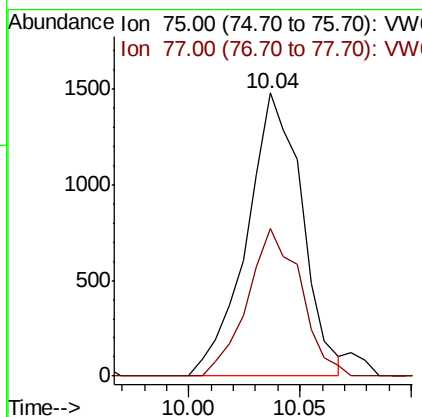
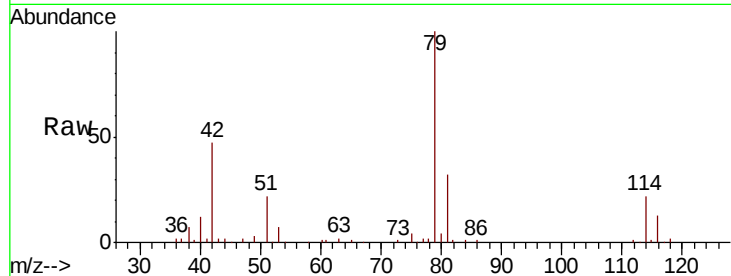




#42
 cis-1,3-Dichloropropene
 Concen: 0.417 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015950.D
 Acq: 24 Jul 2020 15:12

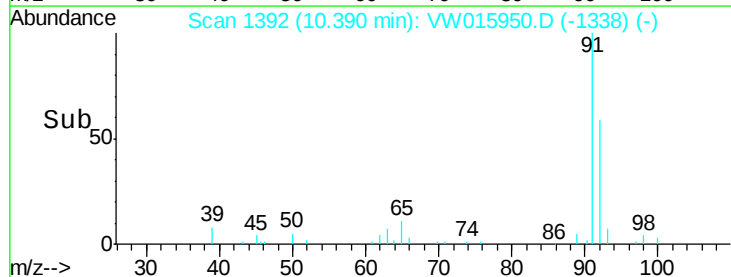
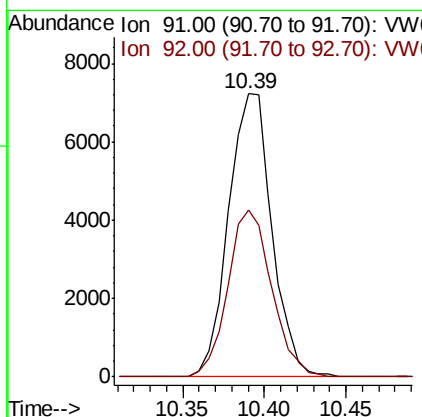
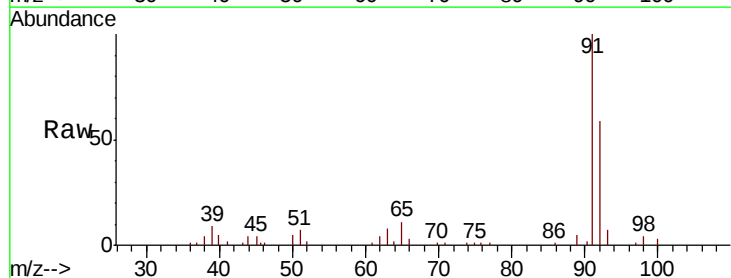
Instrument :
 MSVOA_W
 ClientSampleId :

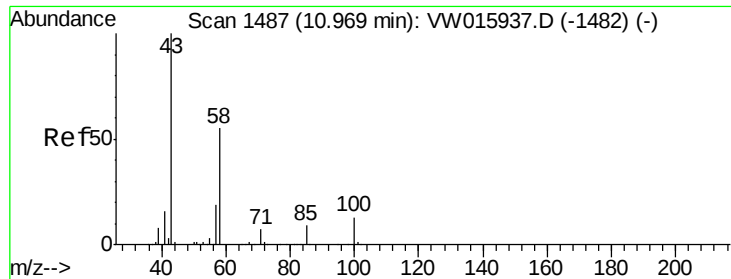
Tot Ion: 75 Resp: 2548
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.2 41.2#



#44
 Toluene
 Concen: 0.787 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW015950.D
 Acq: 24 Jul 2020 15:12

Tgt Ion: 91 Resp: 13387
 Ion Ratio Lower Upper
 91 100
 92 59.2 41.2 76.4





#49

2-Hexanone

Concen: 2.613 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

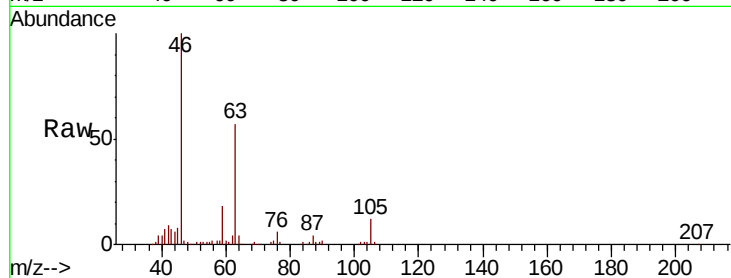
Lab File: VW015950.D

Acq: 24 Jul 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 4346

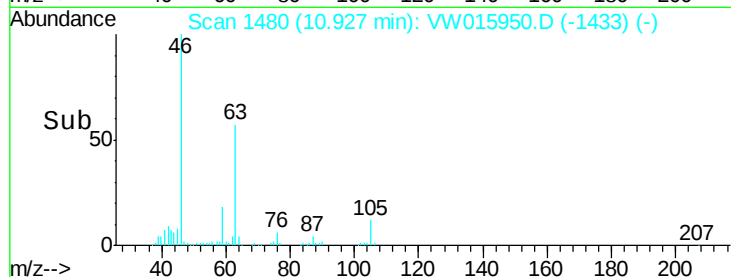
Ion Ratio Lower Upper

43 100

58 21.9 42.4 63.6#

57 26.9 15.6 23.4#

100 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

