

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015942.D
 Acq On : 24 Jul 2020 12:04
 Operator : SY/VA
 Sample : L3388-12RE
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:16:28 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	443498	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383917	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154568	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116868	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
7) Chloroethane-d5	2.89	69	92090	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.48%
10) 1,1-Dichloroethene-d2	4.01	63	176332	13.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.76%
20) 2-Butanone-d5	7.09	46	47142	28.68	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.36%
24) Chloroform-d	7.65	84	217651	17.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.88%
26) 1,2-Dichloroethane-d4	8.31	65	114184	16.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.80%#
29) Benzene-d6	8.28	84	452512	19.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.44%
33) 1,2-Dichloropropane-d6	9.27	67	133534	19.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.24%
37) Toluene-d8	10.33	98	393724	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.40%
38) trans-1,3-Dichloropropene-	10.58	79	48799	16.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.36%
39) 2-Hexanone-d5	10.93	63	36370	31.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88818	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	108857	18.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.24%#

Target Compounds

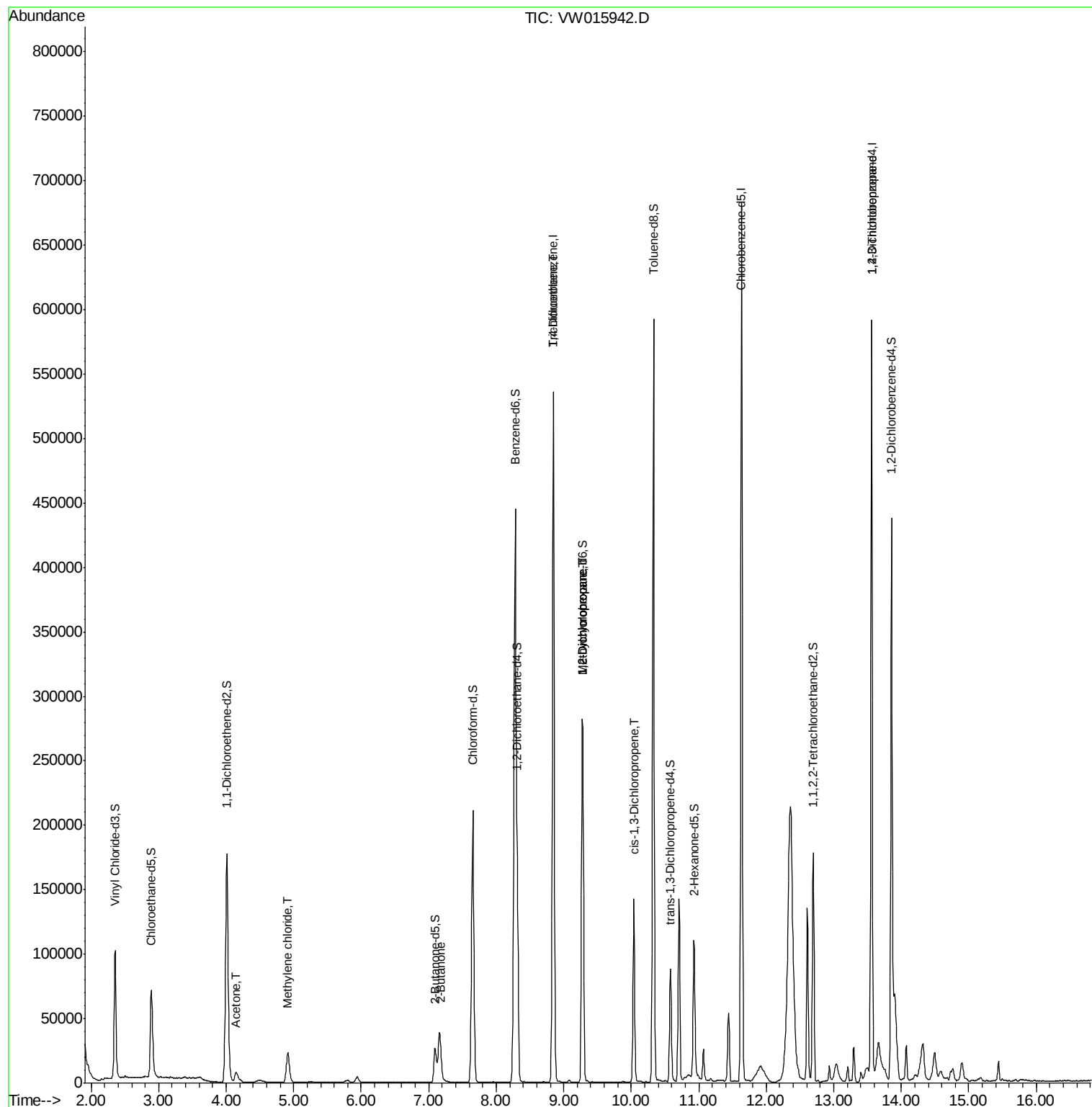
					Ovalue
13) Acetone	4.15	43	14854	10.760 ug/L	96
16) Methylene chloride	4.92	84	17522	2.411 ug/L	92
21) 2-Butanone	7.18	43	6583	3.856 ug/L	83
35) Trichloroethene	8.85	95	13275	2.152 ug/L #	6
36) Methylcyclohexane	9.27	83	32896	3.108 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	14959	2.590 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3419	0.389 ug/L #	62
59) 1,2,3-Trichloropropane	13.55	75	19095	5.225 ug/L	94

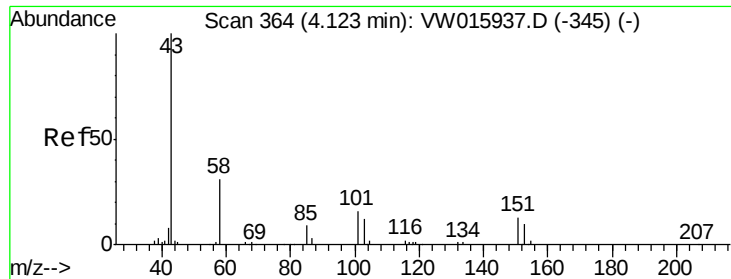
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 05:14:30 2020
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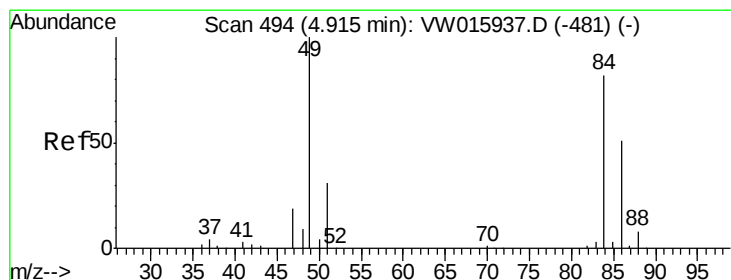
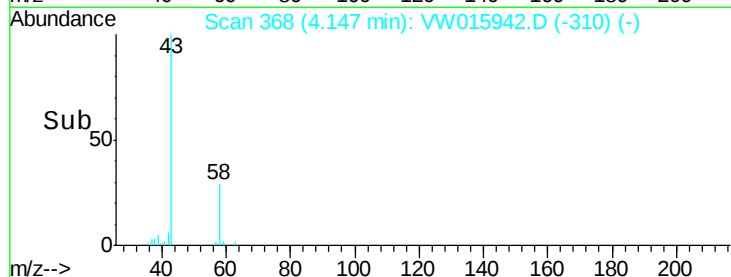
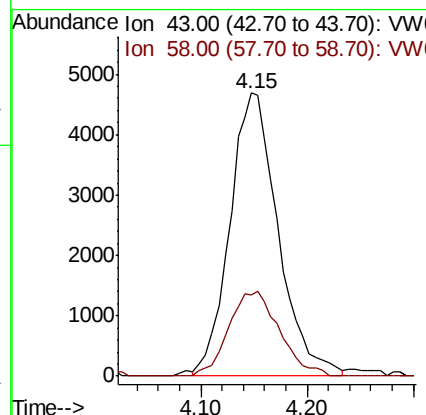
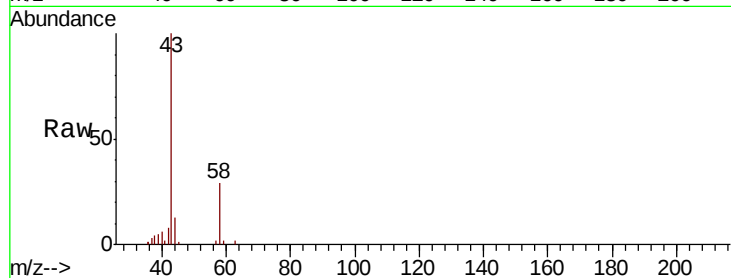




#13
Acetone
Concen: 10.760 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW015942.D
Acq: 24 Jul 2020 12:04

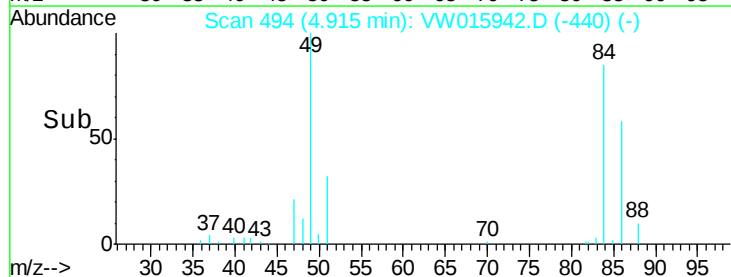
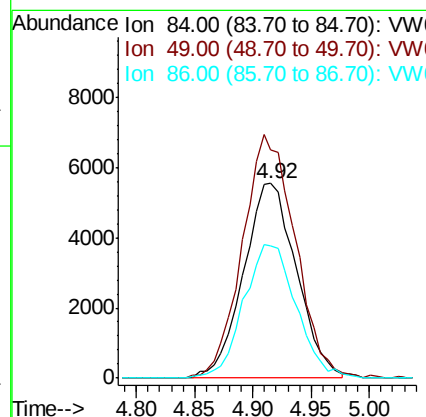
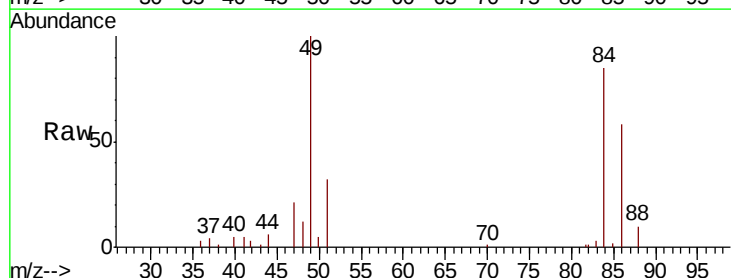
Instrument :
MSVOA_W
ClientSampled :

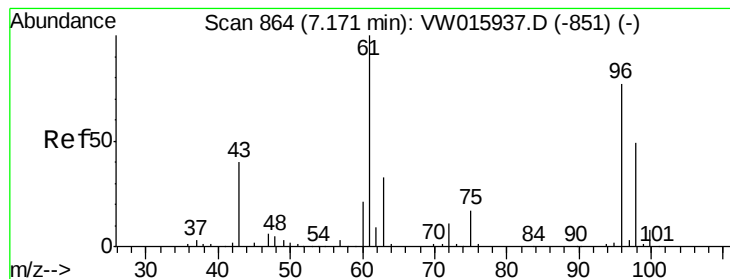
Tot Ion: 43 Resp: 14854
Ion Ratio Lower Upper
43 100
58 31.5 0.0 58.2



#16
Methylene chloride
Concen: 2.411 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015942.D
Acq: 24 Jul 2020 12:04

Tgt Ion: 84 Resp: 17522
Ion Ratio Lower Upper
84 100
49 117.2 91.1 169.1
86 67.9 46.0 85.4





#21

2-Butanone

Concen: 3.856 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015942.D

Acq: 24 Jul 2020 12:04

Instrument :

MSVOA_W

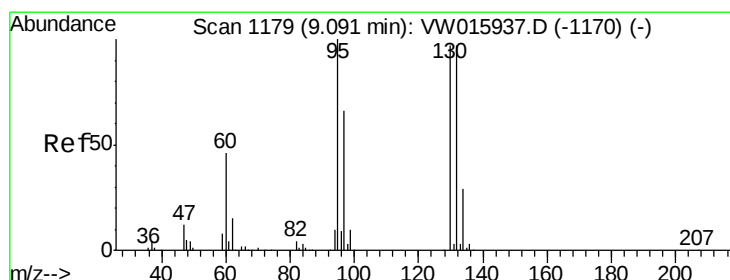
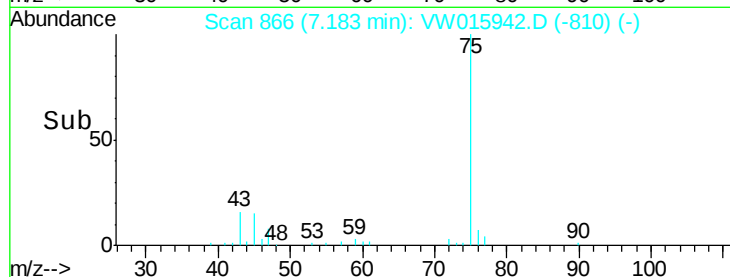
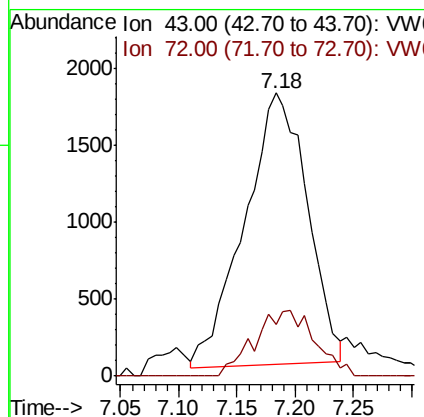
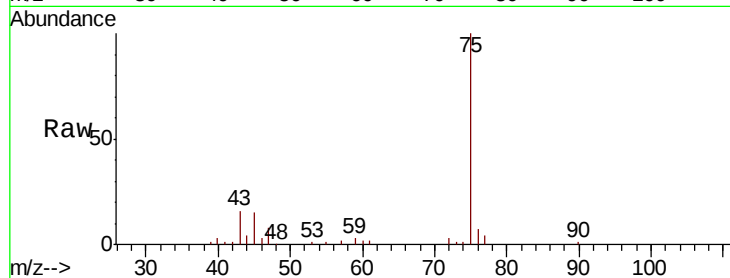
ClientSampleId :

Tot Ion: 43 Resp: 6583

Ion Ratio Lower Upper

43 100

72 19.1 13.9 41.7



#35

Trichloroethene

Concen: 2.152 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015942.D

Acq: 24 Jul 2020 12:04

Tgt Ion: 95 Resp: 13275

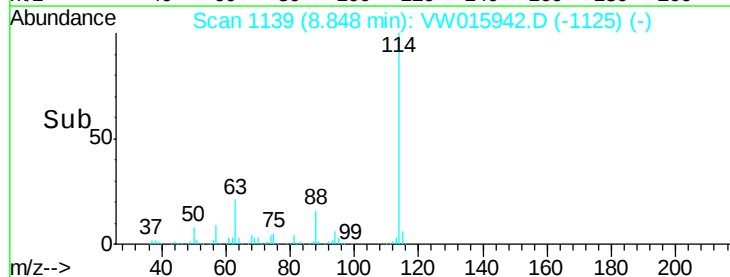
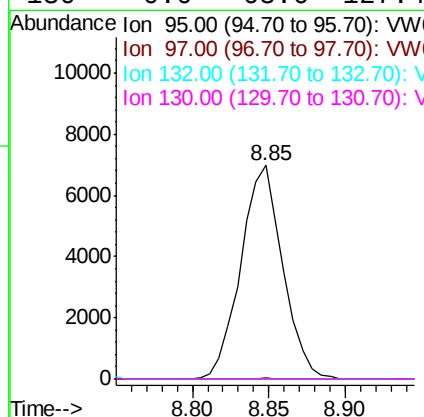
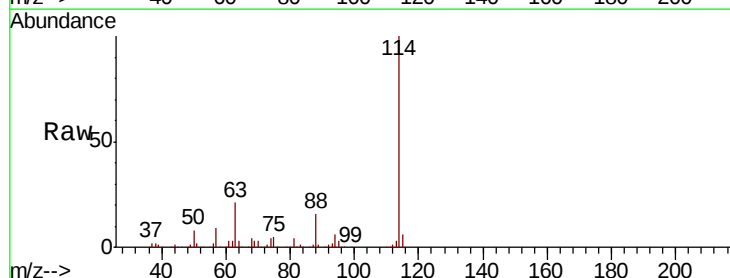
Ion Ratio Lower Upper

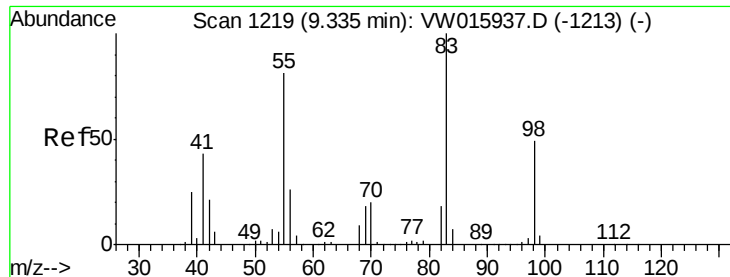
95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

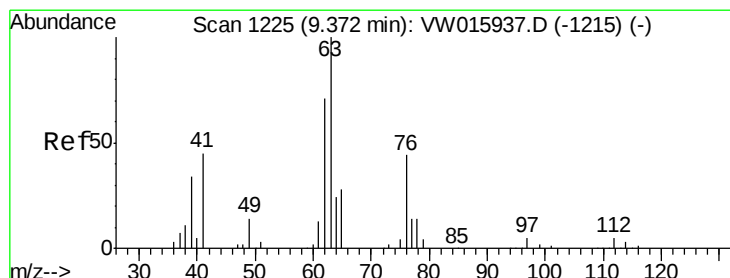
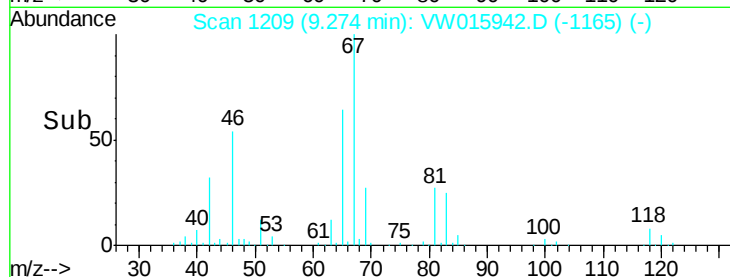
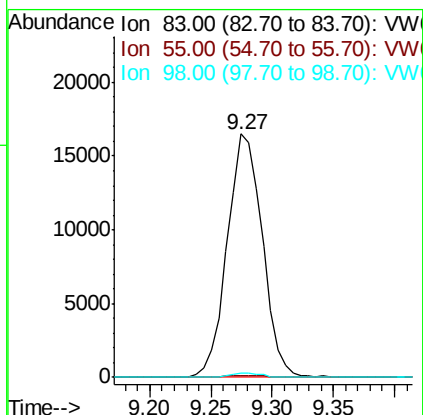
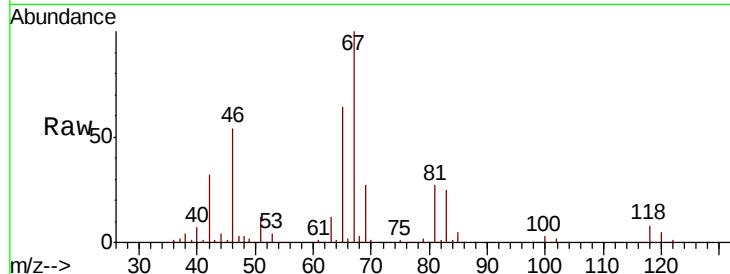




#36
Methvlcvclohexane
Concen: 3.108 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015942.D
Acq: 24 Jul 2020 12:04

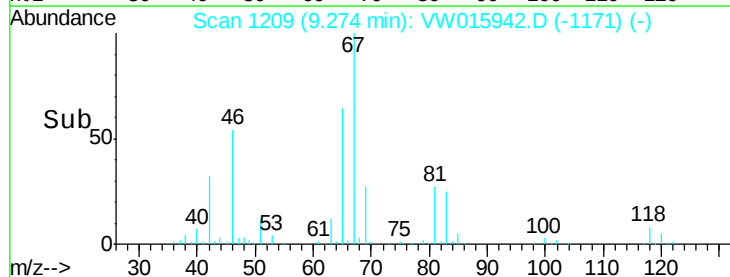
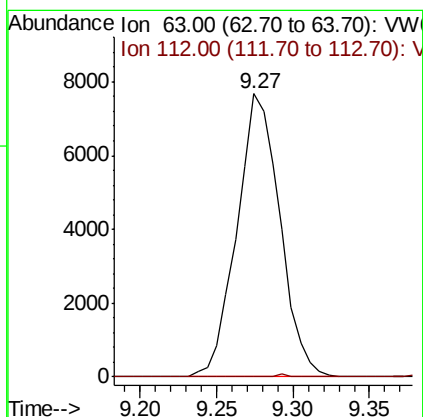
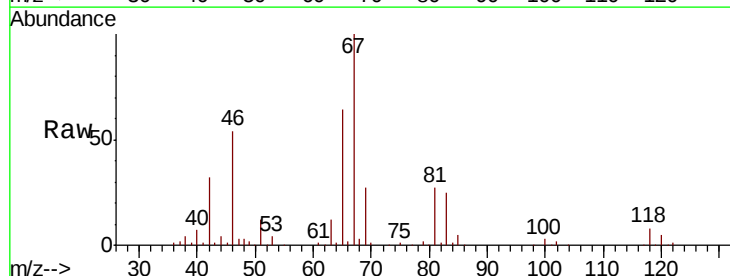
Instrument :
MSVOA_W
ClientSampleId :

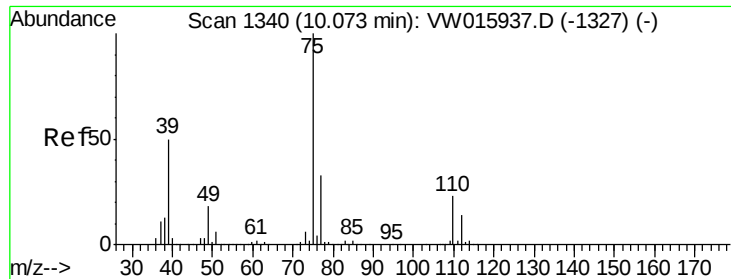
Tot Ion: 83 Resp: 32896
Ion Ratio Lower Upper
83 100
55 0.7 63.5 95.3#
98 1.5 39.0 58.4#



#40
1,2-Dichloropropane
Concen: 2.590 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015942.D
Acq: 24 Jul 2020 12:04

Tgt Ion: 63 Resp: 14959
Ion Ratio Lower Upper
63 100
112 0.3 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.389 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015942.D

Acq: 24 Jul 2020 12:04

Instrument :

MSVOA_W

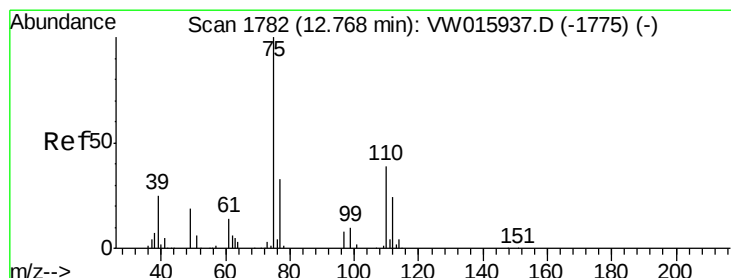
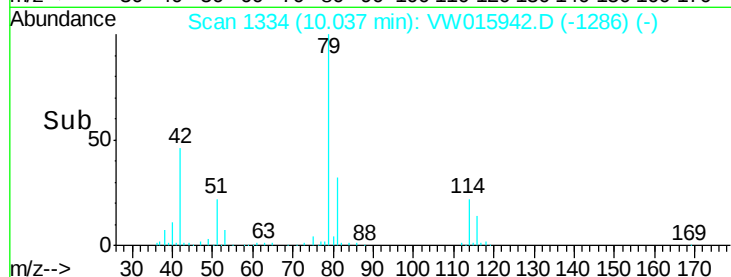
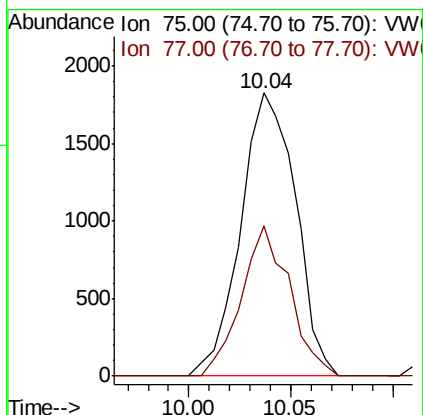
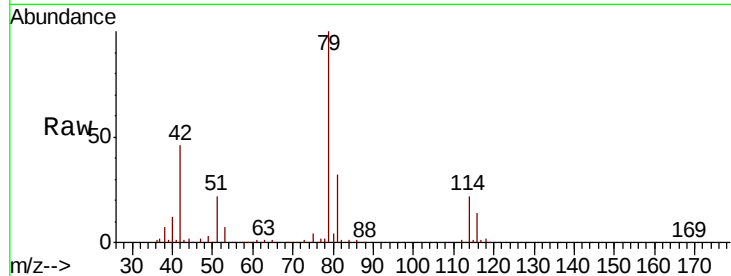
ClientSampleId :

Tot Ion: 75 Resp: 3419

Ion Ratio Lower Upper

75 100

77 53.0 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 5.225 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015942.D

Acq: 24 Jul 2020 12:04

Tgt Ion: 75 Resp: 19095

Ion Ratio Lower Upper

75 100

77 36.0 26.0 39.0

