

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016814.D
 Acq On : 06 Oct 2020 23:53
 Operator : SY/VA
 Sample : L4209-11
 Misc : 6.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLWW2

Quant Time: Oct 07 03:15:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	538833	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394063	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148836	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.00%
7) Chloroethane-d5	2.89	69	123249	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.56%
10) 1,1-Dichloroethene-d2	4.03	63	203466	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.12%
20) 2-Butanone-d5	7.08	46	57375	47.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.30%
24) Chloroform-d	7.65	84	302396	26.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	8.31	65	153306	27.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.68%
29) Benzene-d6	8.27	84	600230	33.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.16%
33) 1,2-Dichloropropane-d6	9.27	67	166452	34.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.44%#
37) Toluene-d8	10.32	98	506679	30.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.00%
38) trans-1,3-Dichloropropene-	10.58	79	63531	29.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.80%
39) 2-Hexanone-d5	10.93	63	46065	61.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112241	28.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	87811	26.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.12%

Target Compounds

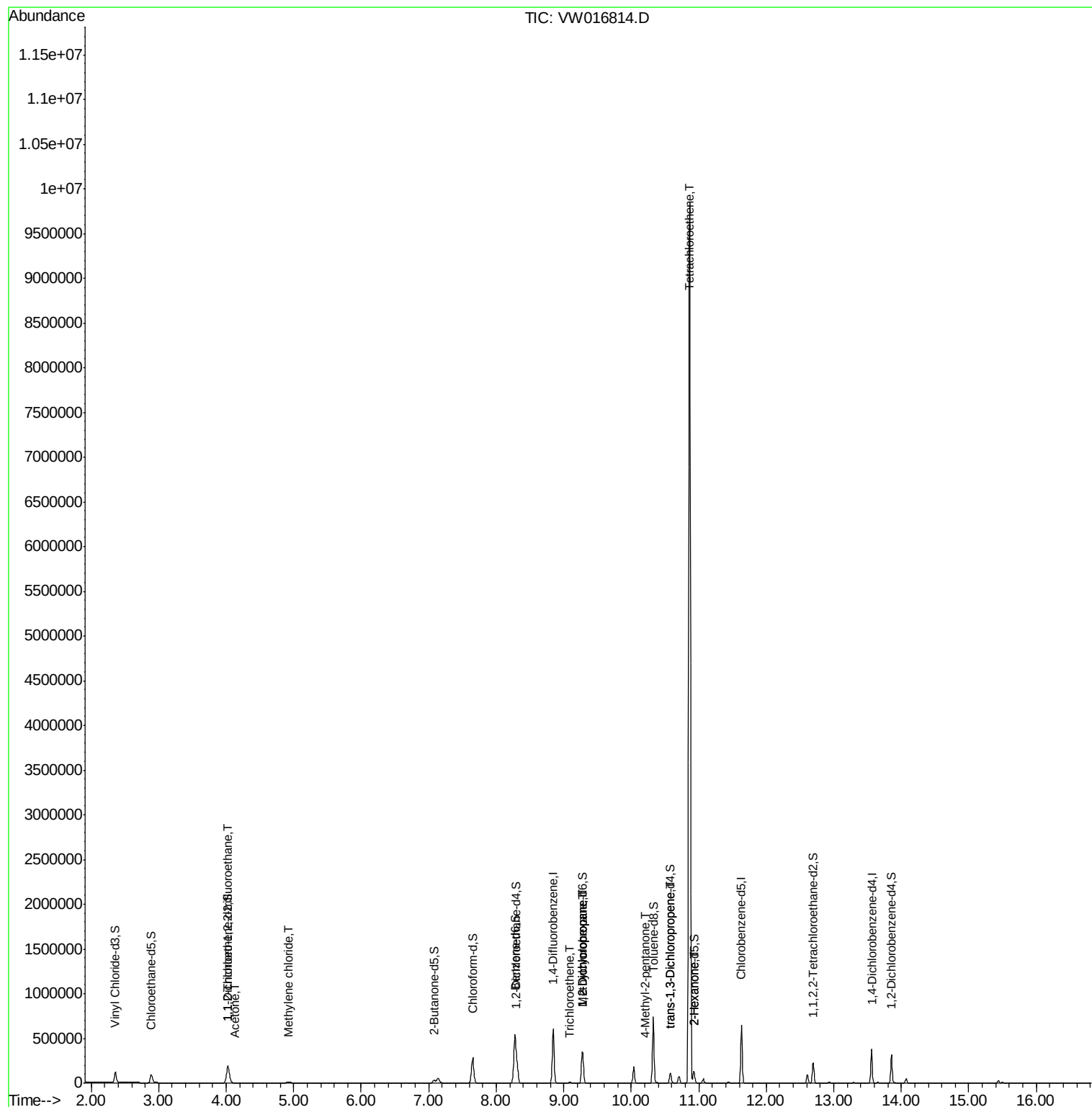
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2369	0.327	ug/L #	17
13) Acetone	4.12	43	4292	4.711	ug/L	66
16) Methylene chloride	4.93	84	8397	1.129	ug/L	91
35) Trichloroethene	9.09	95	3149	0.526	ug/L	96
36) Methylcyclohexane	9.28	83	43163	4.289	ug/L #	22
40) 1,2-Dichloropropane	9.27	63	19369	4.048	ug/L #	84
43) 4-Methyl-2-pentanone	10.21	43	2639	1.095	ug/L	90
45) trans-1,3-Dichloropropene	10.58	75	2747	0.428	ug/L	90
47) Tetrachloroethene	10.87	164	2473102	445.643	ug/L	97
49) 2-Hexanone	10.93	43	6419	4.037	ug/L #	62

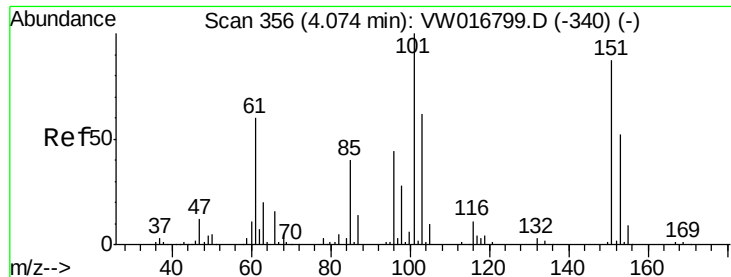
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 07 03:15:27 2020
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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.327 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW016814.D

Acq: 06 Oct 2020 23:53

Instrument :

MSVOA_W

ClientSampled :

JLWW2

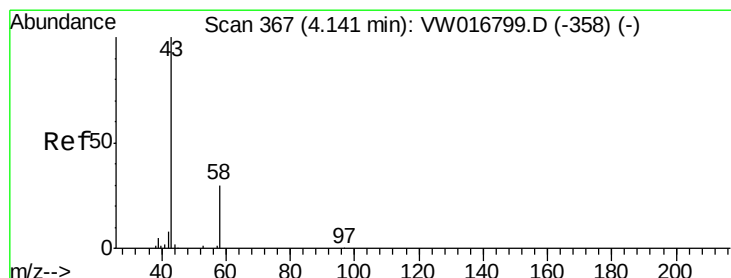
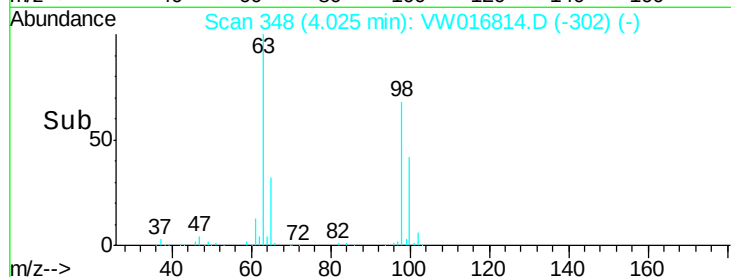
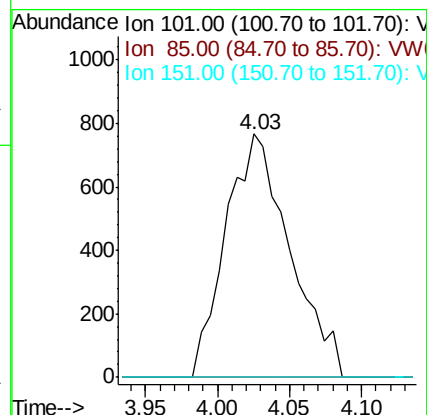
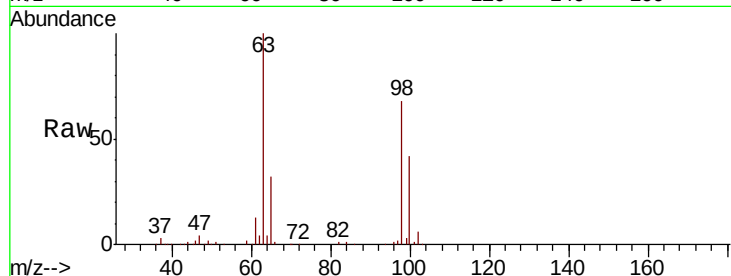
Tot Ion:101 Resp: 2369

Ion Ratio Lower Upper

101 100

85 0.0 31.7 47.5#

151 0.0 66.6 99.8#



#13

Acetone

Concen: 4.711 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016814.D

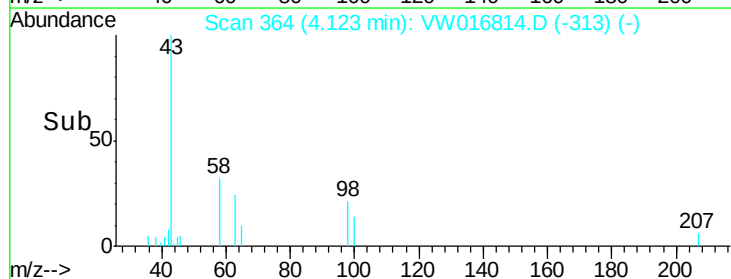
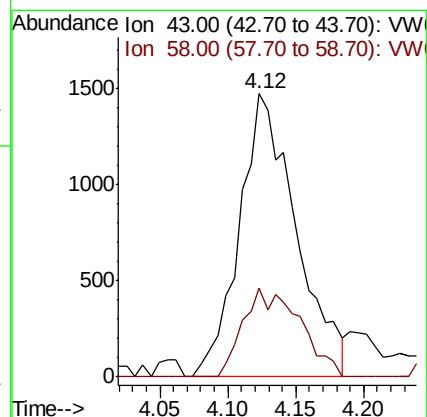
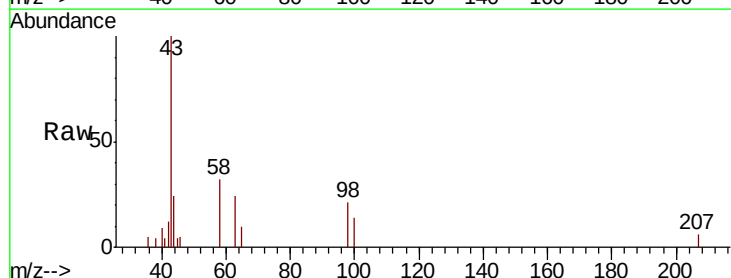
Acq: 06 Oct 2020 23:53

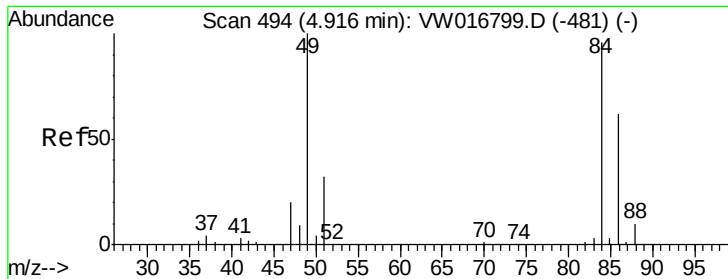
Tgt Ion: 43 Resp: 4292

Ion Ratio Lower Upper

43 100

58 14.3 0.0 67.6

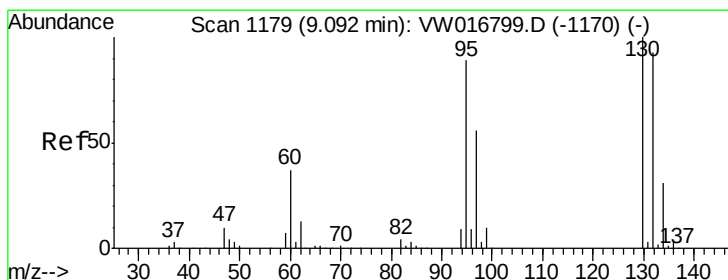
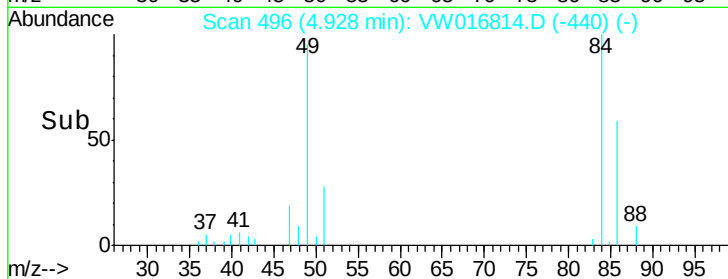
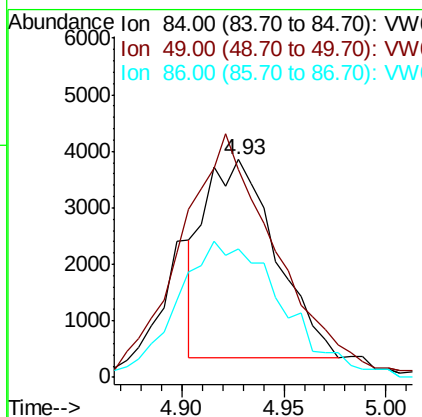
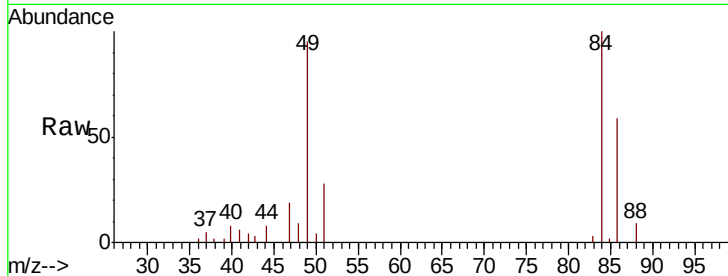




#16
Methvlene chloride
Concen: 1.129 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016814.D
Acq: 06 Oct 2020 23:53

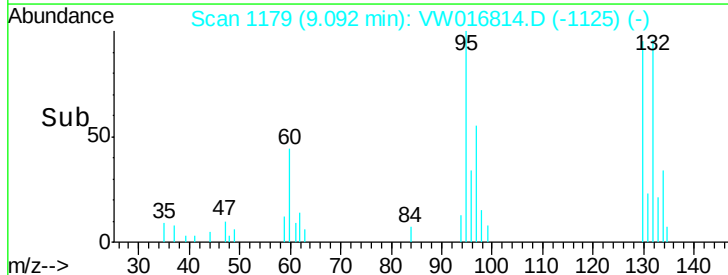
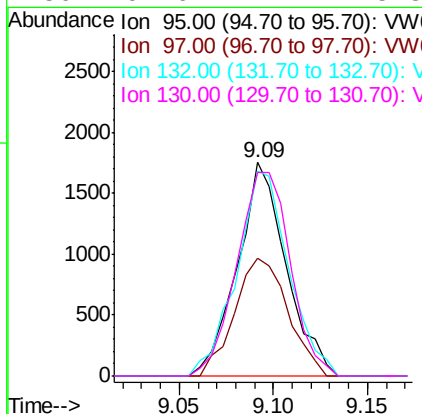
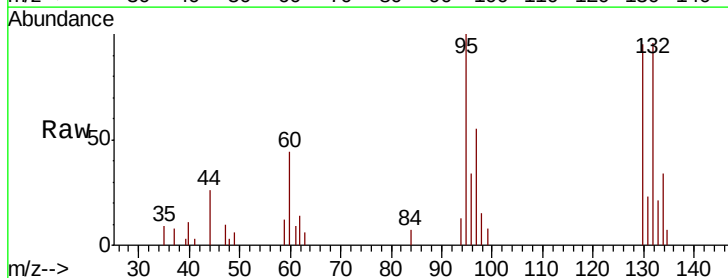
Instrument :
MSVOA_W
ClientSampled :
JLWW2

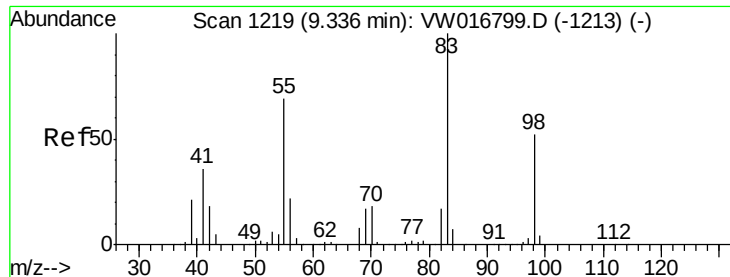
Tot Ion: 84 Resp: 8397
Ion Ratio Lower Upper
84 100
49 95.4 73.1 135.8
86 58.7 46.0 85.4



#35
Trichloroethene
Concen: 0.526 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW016814.D
Acq: 06 Oct 2020 23:53

Tgt Ion: 95 Resp: 3149
Ion Ratio Lower Upper
95 100
97 59.9 44.7 83.1
132 102.6 73.8 137.2
130 104.6 77.1 143.3

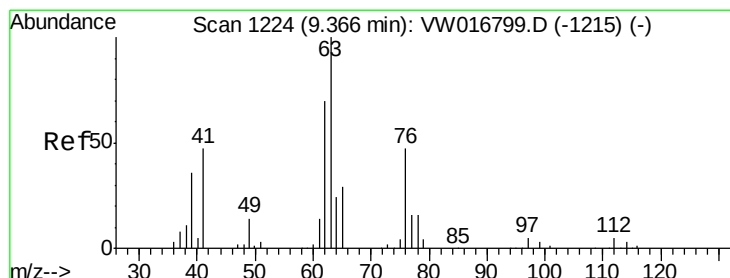
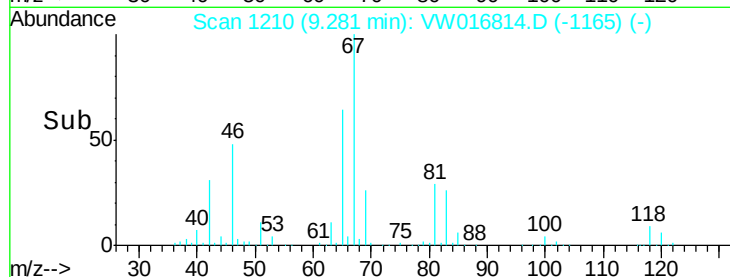
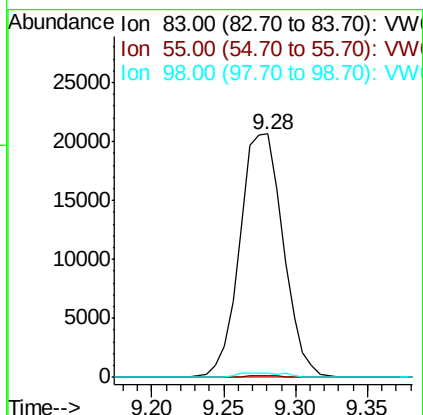
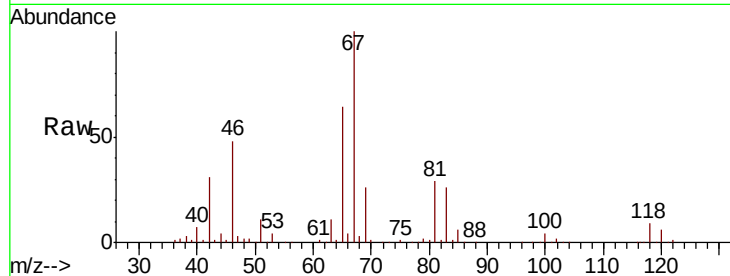




#36
Methylvlcyclohexane
Concen: 4.289 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016814.D
Acq: 06 Oct 2020 23:53

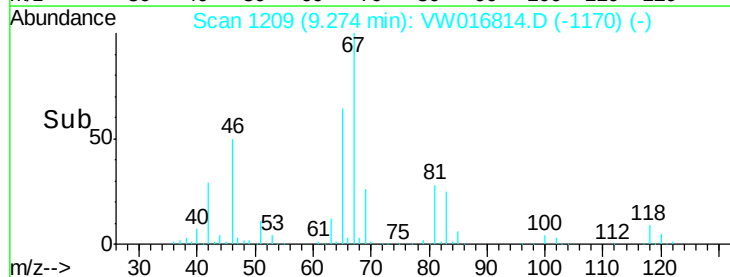
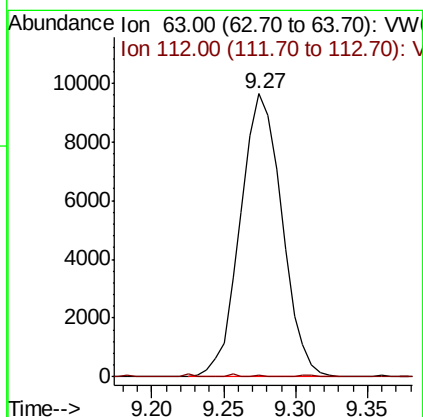
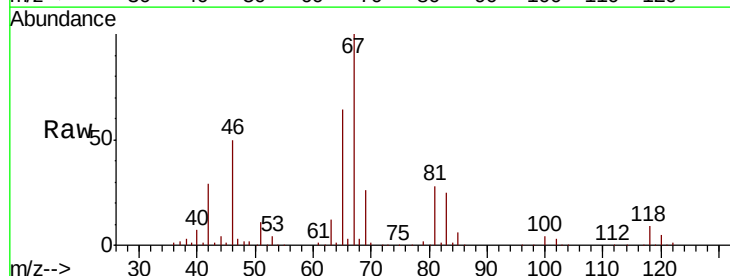
Instrument :
MSVOA_W
ClientSampleId :
JLWW2

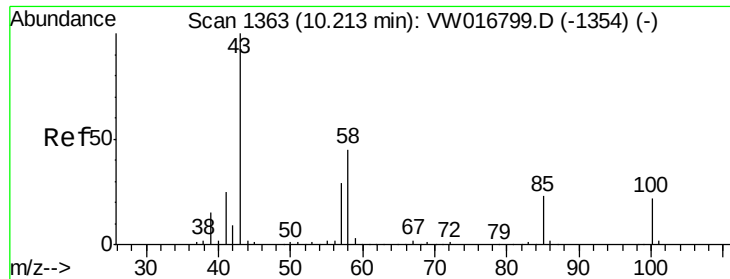
Tot Ion: 83 Resp: 43163
Ion Ratio Lower Upper
83 100
55 0.4 54.2 81.4#
98 1.9 41.4 62.2#



#40
1,2-Dichloropropane
Concen: 4.048 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW016814.D
Acq: 06 Oct 2020 23:53

Tgt Ion: 63 Resp: 19369
Ion Ratio Lower Upper
63 100
112 0.2 4.5 6.7#

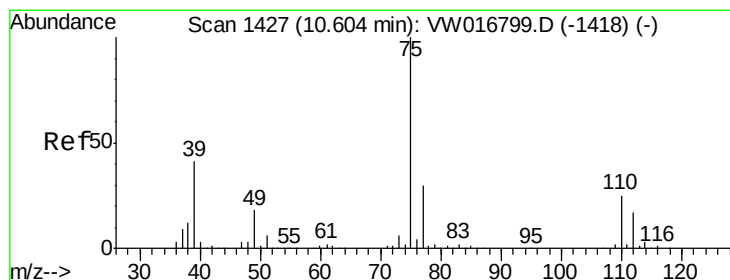
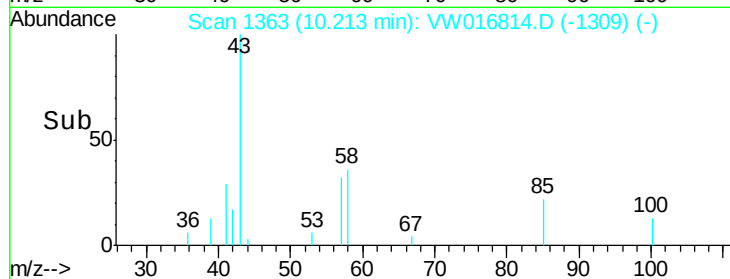
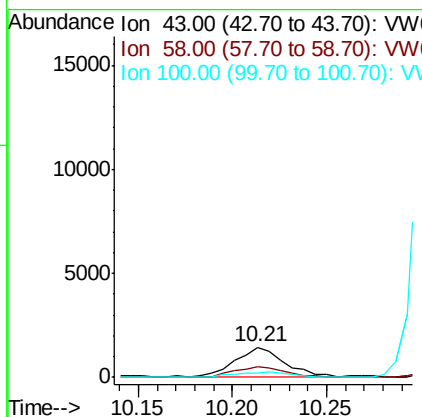
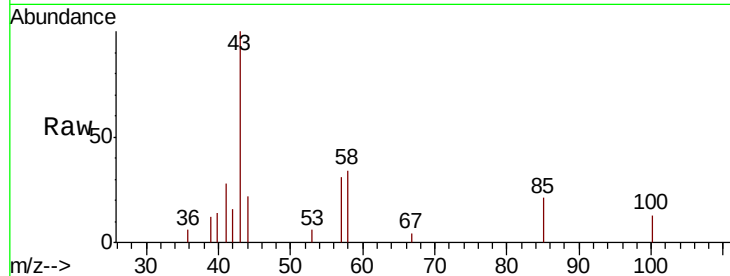




#43
4-Methyl-2-pentanone
Concen: 1.095 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW016814.D
Acq: 06 Oct 2020 23:53

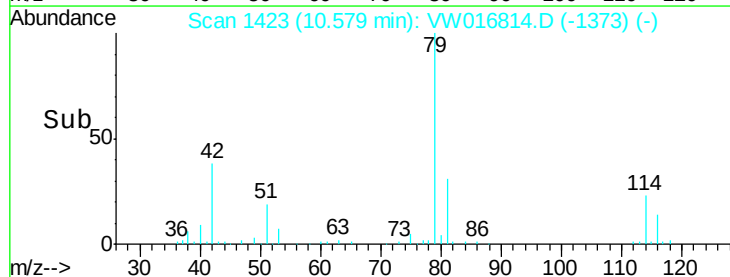
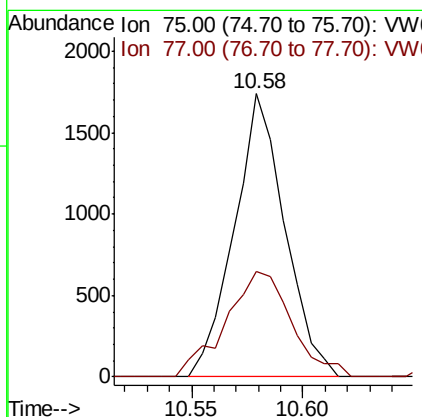
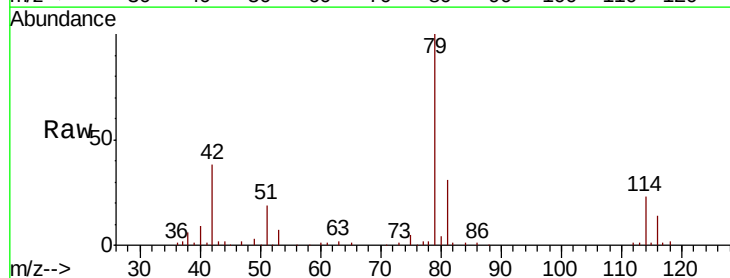
Instrument :
MSVOA_W
ClientSampleId :
JLWW2

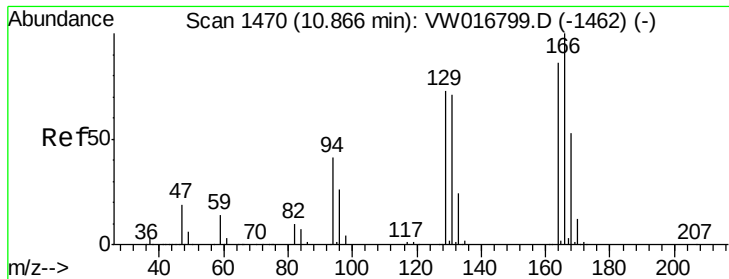
Tot Ion: 43 Resp: 2639
Ion Ratio Lower Upper
43 100
58 36.0 34.7 52.1
100 18.6 16.9 25.3



#45
trans-1,3-Dichloropropene
Concen: 0.428 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW016814.D
Acq: 06 Oct 2020 23:53

Tgt Ion: 75 Resp: 2747
Ion Ratio Lower Upper
75 100
77 37.3 22.2 41.2





#47

Tetrachloroethene

Concen: 445.643 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016814.D

Acq: 06 Oct 2020 23:53

Instrument :

MSVOA_W

ClientSampleId :

JLWW2

Tot Ion:164 Resp: 2473102

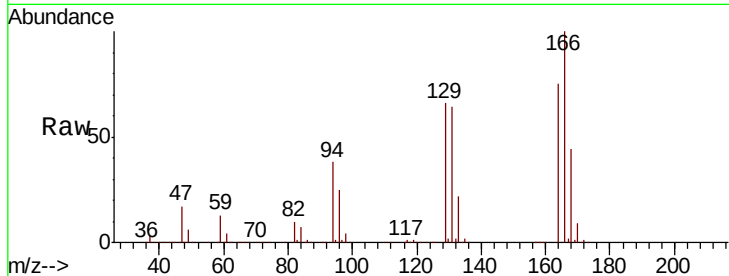
Ion Ratio Lower Upper

164 100

129 88.9 61.7 114.7

131 85.7 59.7 110.9

166 134.0 88.3 164.1

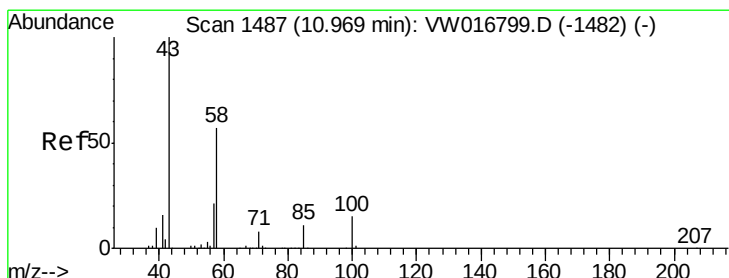
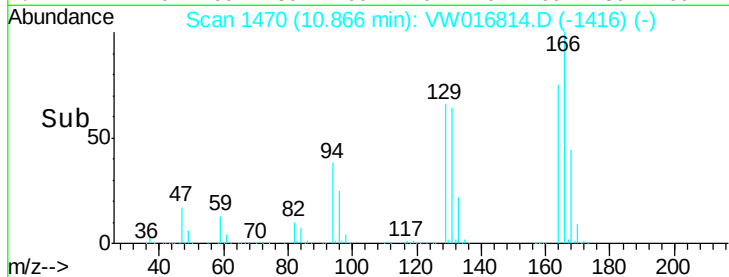
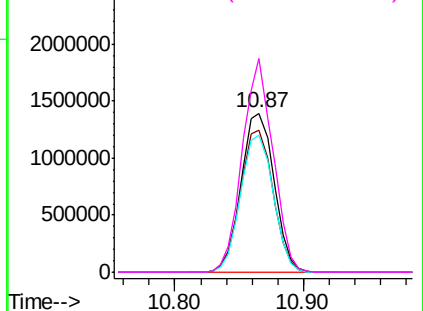


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 4.037 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016814.D

Acq: 06 Oct 2020 23:53

Tgt Ion: 43 Resp: 6419

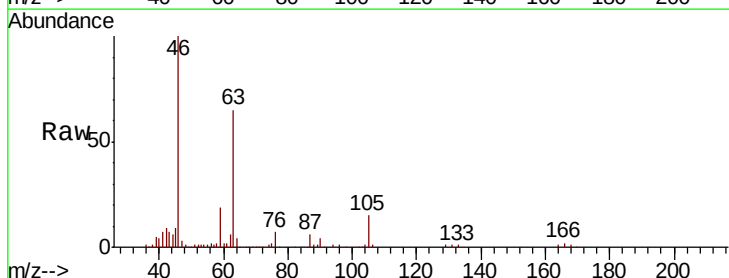
Ion Ratio Lower Upper

43 100

58 21.1 47.1 70.7#

57 19.1 16.2 24.4

100 0.0 13.3 19.9#



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

