

Data File : VW014130.D
Acq On : 26 Nov 2019 12:57
Operator : SY/VA
Sample : K6007-09RE
Misc : 3.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL7RE

Quant Time: Nov 27 07:07:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	100232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	31192	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	3504	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57689	36.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	144.32%
7) Chloroethane-d5	2.88	69	61467	47.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	189.64%#
10) 1,1-Dichloroethene-d2	4.01	63	73027	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.00%
20) 2-Butanone-d5	7.07	46	68232	146.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	293.74%#
24) Chloroform-d	7.65	84	145015	47.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	188.20%#
26) 1,2-Dichloroethane-d4	8.31	65	58852	37.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	151.92%#
29) Benzene-d6	8.27	84	236511	106.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	427.48%#
33) 1,2-Dichloropropane-d6	9.27	67	80758	124.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	498.28%#
37) Toluene-d8	10.32	98	81858	39.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	156.00%#
38) trans-1,3-Dichloropropene-	10.58	79	6756	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.32%
39) 2-Hexanone-d5	10.92	63	16754	136.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	272.56%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39357	80.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	321.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	4653	33.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	132.20%#

Target Compounds

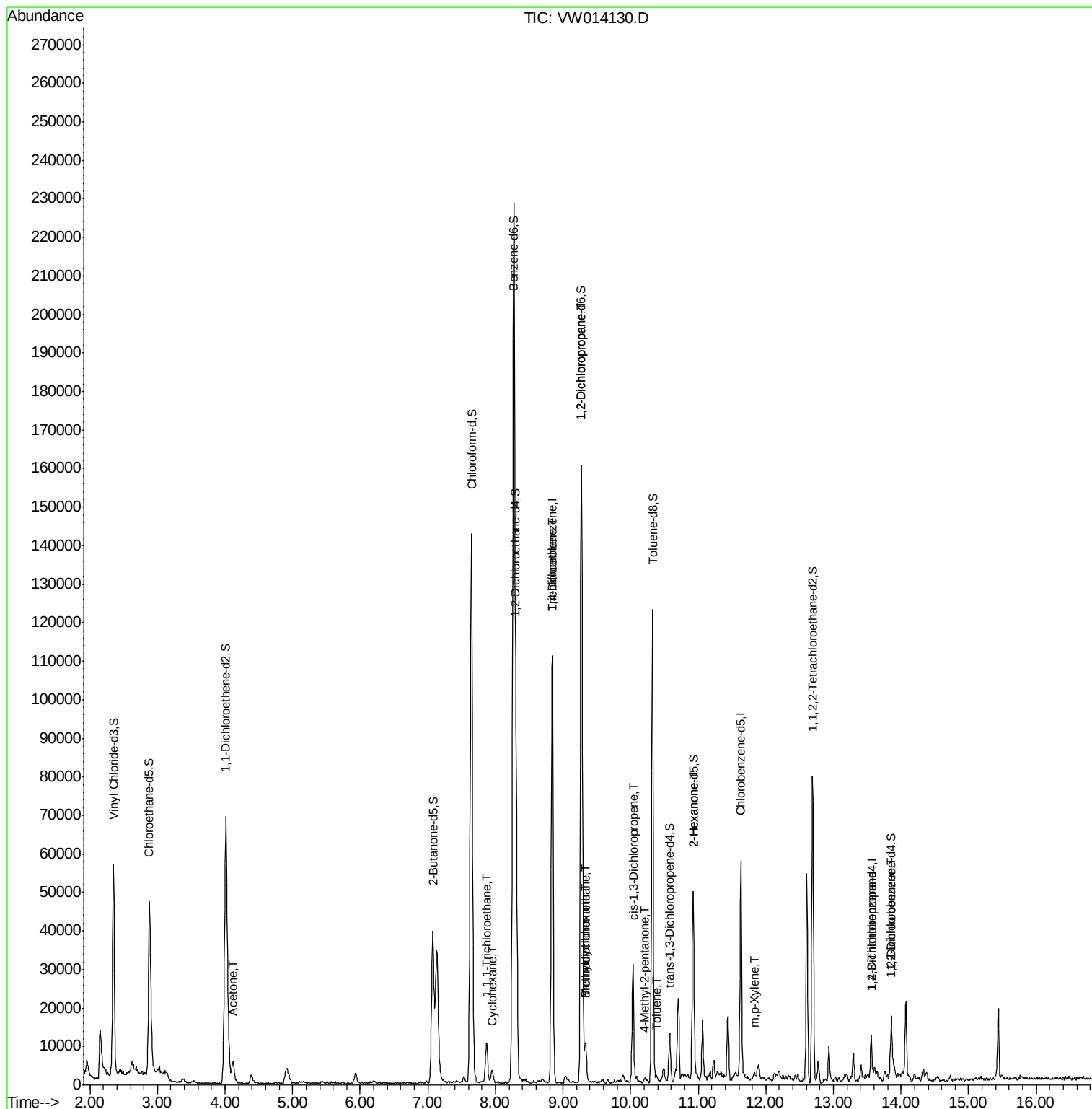
					Qvalue	
13) Acetone	4.12	43	8370	17.705	ug/L	82
30) Cyclohexane	7.96	56	1331	1.333	ug/L #	79
31) 1,1,1-Trichloroethane	7.87	97	8913	11.402	ug/L	96
35) Trichloroethene	8.84	95	2987	4.894	ug/L #	2
36) Methylcyclohexane	9.34	83	3237	2.958	ug/L #	70
40) 1,2-Dichloropropane	9.27	63	8522	15.473	ug/L #	85
41) Bromodichloromethane	9.34	83	2318	3.481	ug/L #	25
42) cis-1,3-Dichloropropene	10.04	75	653	0.751	ug/L #	5
43) 4-Methyl-2-pentanone	10.21	43	1126	3.096	ug/L #	65
44) Toluene	10.38	91	1407	0.564	ug/L	93
49) 2-Hexanone	10.92	43	2505	9.555	ug/L #	48
54) m,p-Xylene	11.84	106	603	0.567	ug/L #	24
59) 1,2,3-Trichloropropane	13.56	75	468	1.317	ug/L	93
65) 1,2-Dichlorobenzene	13.87	146	89	0.409	ug/L #	48

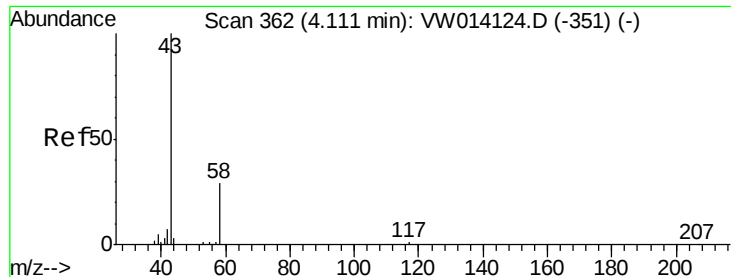
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.705 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014130.D

Acq: 26 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

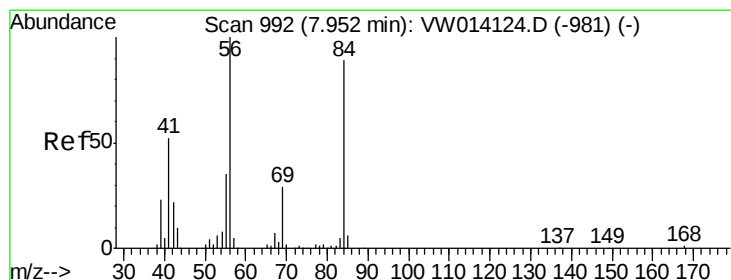
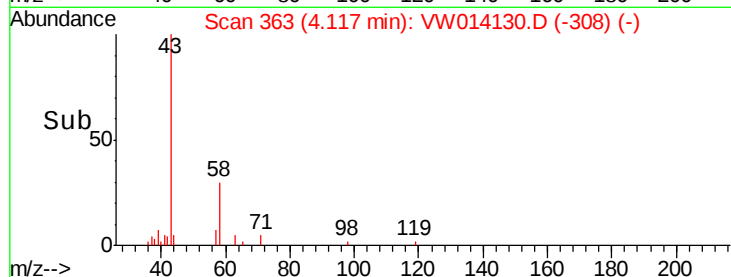
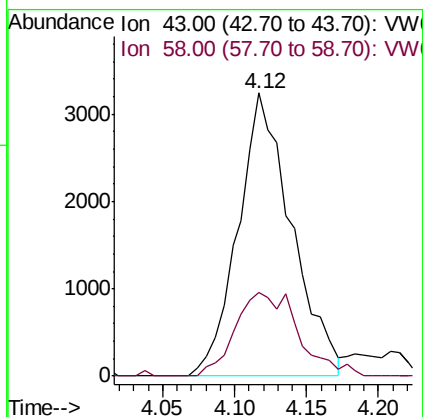
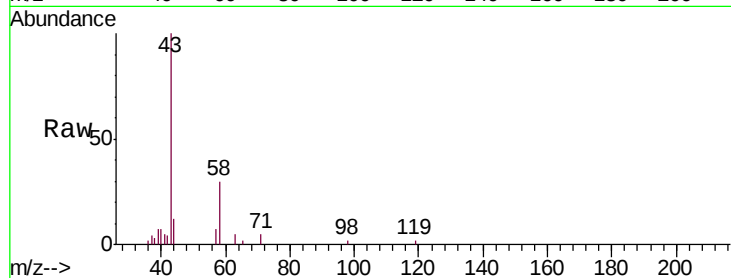
C0BL7RE

Tgt Ion: 43 Resp: 8370

Ion Ratio Lower Upper

43 100

58 22.8 0.0 65.4



#30

Cyclohexane

Concen: 1.333 ug/L

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW014130.D

Acq: 26 Nov 2019 12:57

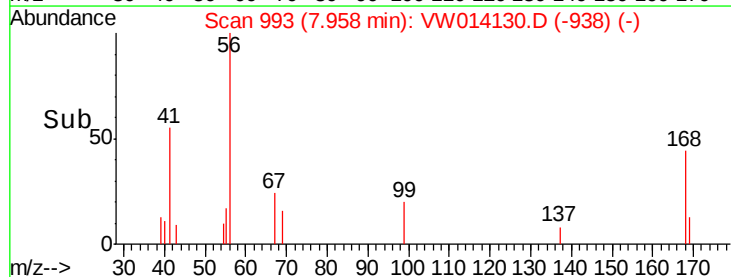
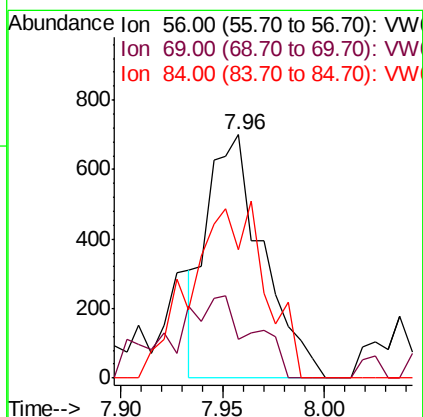
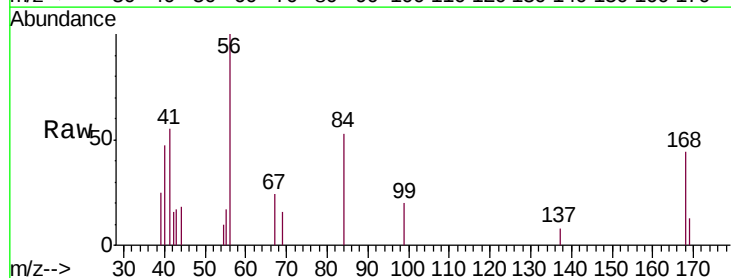
Tgt Ion: 56 Resp: 1331

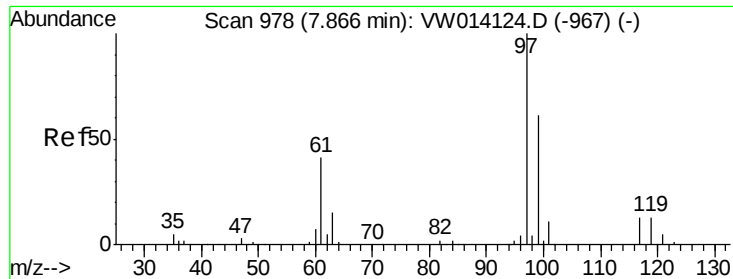
Ion Ratio Lower Upper

56 100

69 26.1 24.6 37.0

84 63.9 70.2 105.2#

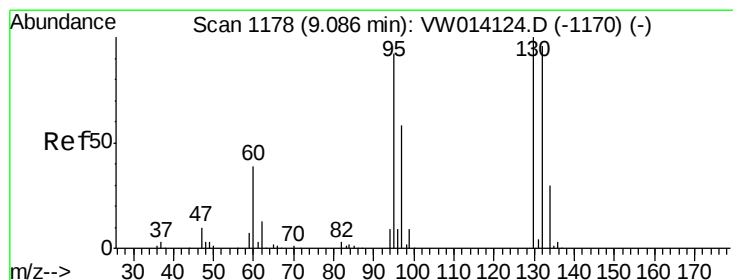
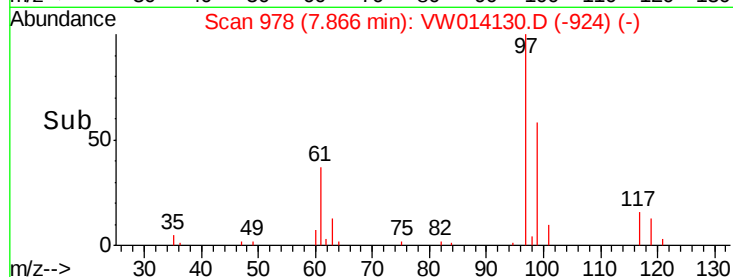
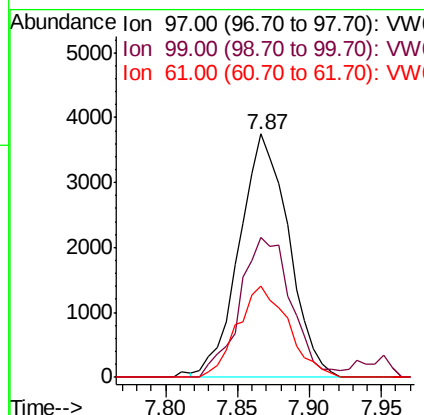
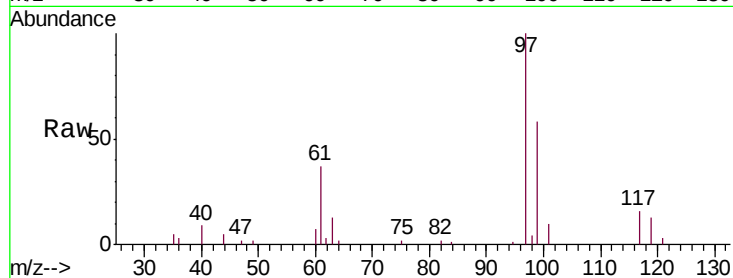




#31
 1,1,1-Trichloroethane
 Concen: 11.402 ug/L
 RT: 7.87 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VW014130.D
 Acq: 26 Nov 2019 12:57

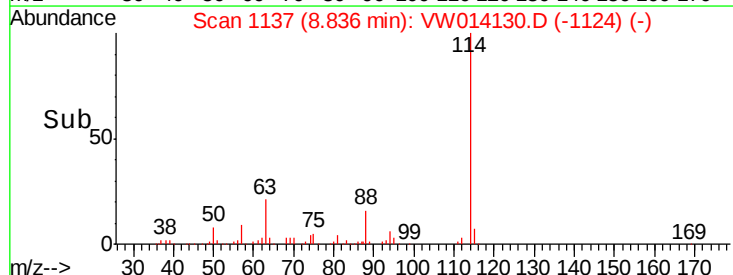
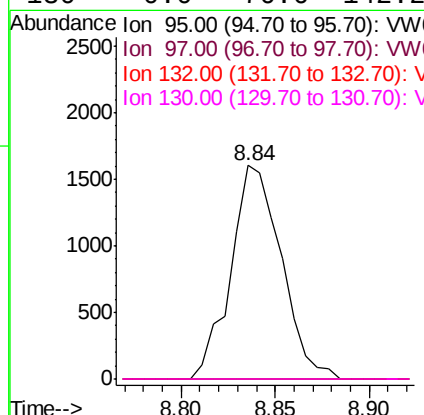
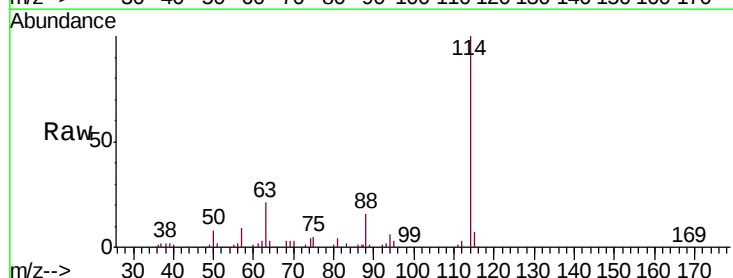
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL7RE

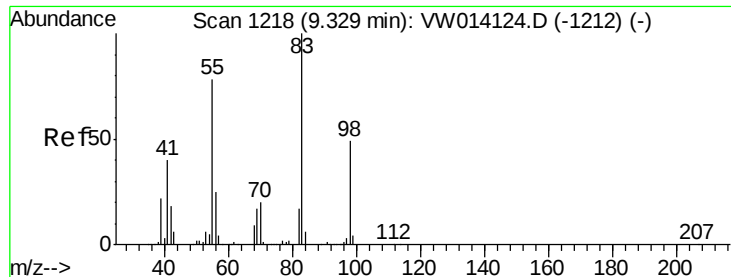
Tgt Ion: 97 Resp: 8913
 Ion Ratio Lower Upper
 97 100
 99 60.4 51.1 76.7
 61 38.6 32.8 49.2



#35
 Trichloroethene
 Concen: 4.894 ug/L
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.25 min
 Lab File: VW014130.D
 Acq: 26 Nov 2019 12:57

Tgt Ion: 95 Resp: 2987
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.1 83.9#
 132 0.0 73.7 136.9#
 130 0.0 76.6 142.2#

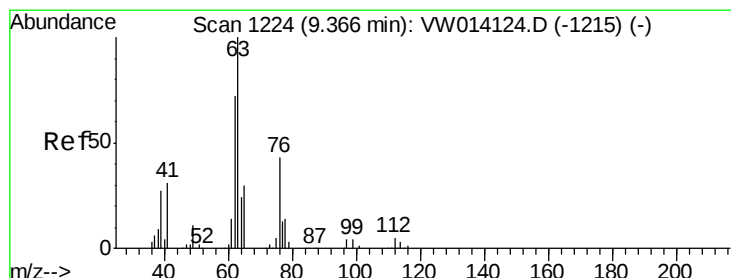
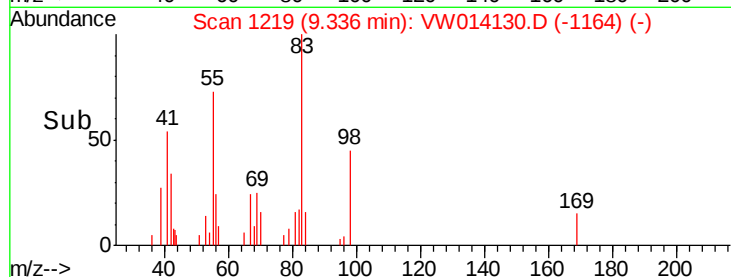
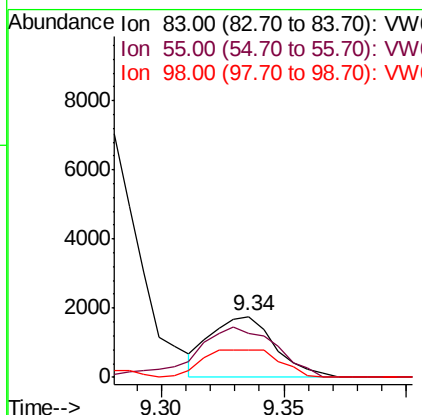
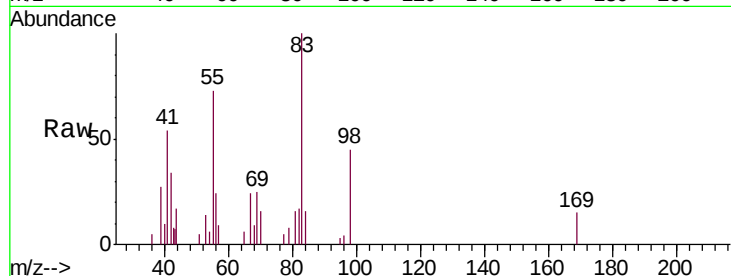




#36
Methylcyclohexane
Concen: 2.958 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

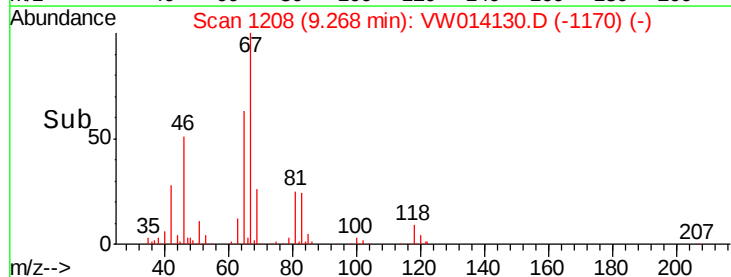
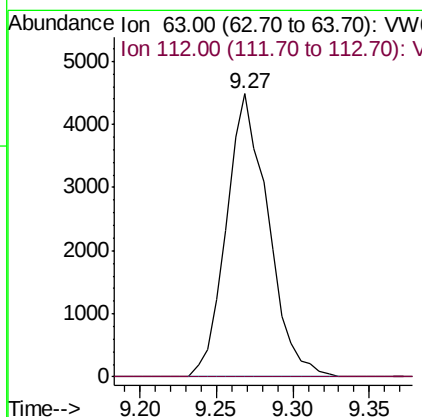
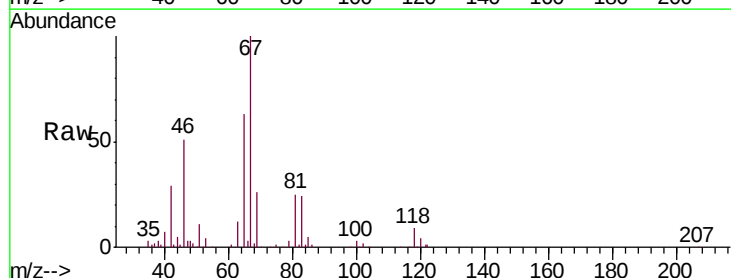
Instrument :
MSVOA_W
ClientSampleId :
C0BL7RE

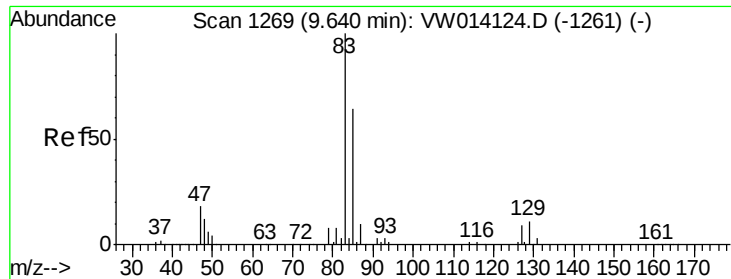
Tgt Ion: 83 Resp: 3237
Ion Ratio Lower Upper
83 100
55 105.8 59.8 89.8#
98 36.3 39.5 59.3#



#40
1,2-Dichloropropane
Concen: 15.473 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

Tgt Ion: 63 Resp: 8522
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#41

Bromodichloromethane

Concen: 3.481 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.30 min

Lab File: VW014130.D

Acq: 26 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

C0BL7RE

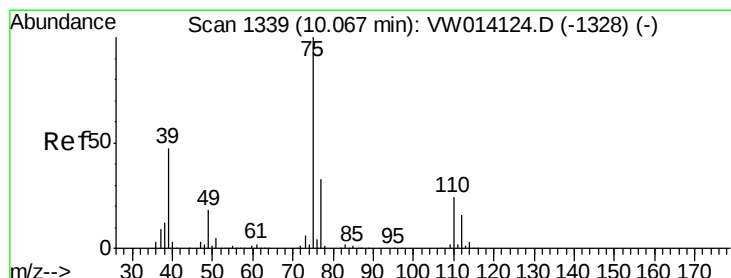
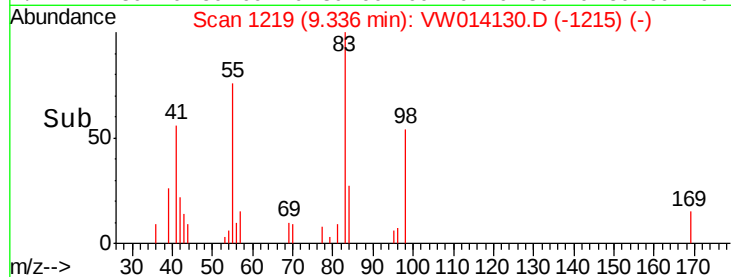
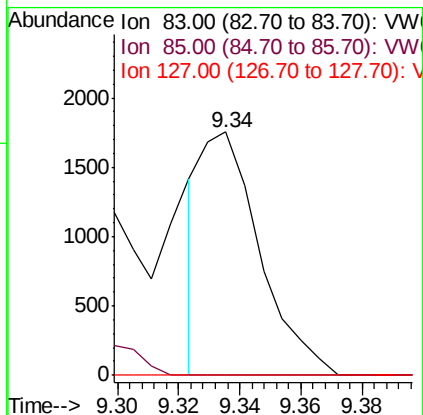
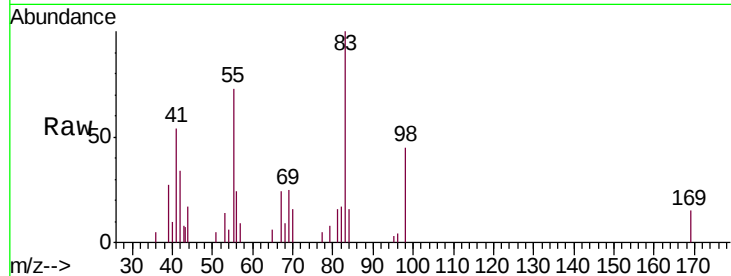
Tgt Ion: 83 Resp: 2318

Ion Ratio Lower Upper

83 100

85 0.0 45.1 83.7#

127 0.0 7.4 11.0#



#42

cis-1,3-Dichloropropene

Concen: 0.751 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014130.D

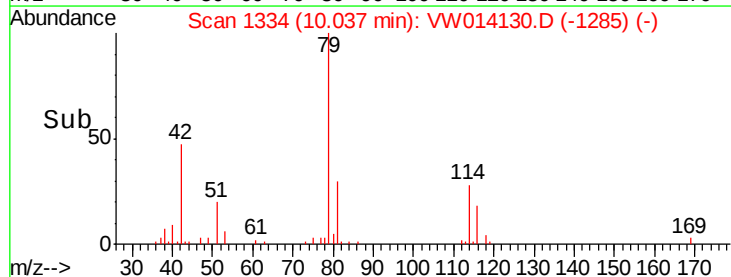
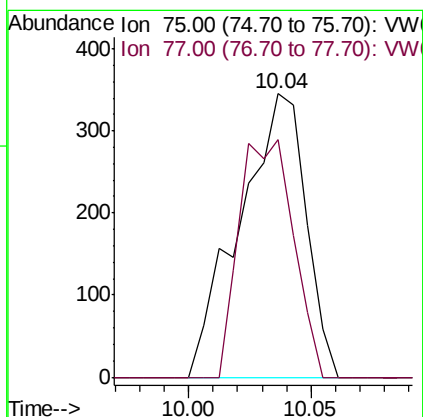
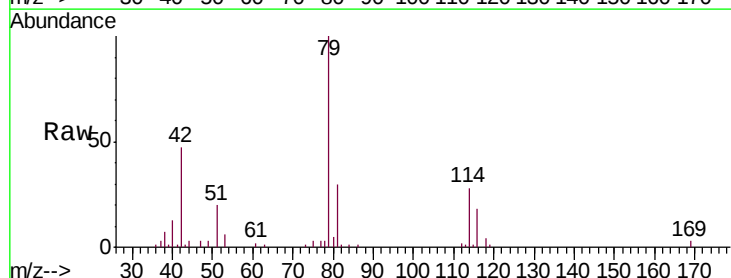
Acq: 26 Nov 2019 12:57

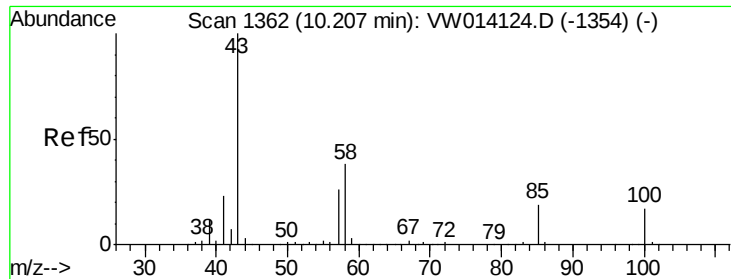
Tgt Ion: 75 Resp: 653

Ion Ratio Lower Upper

75 100

77 84.1 22.1 41.1#

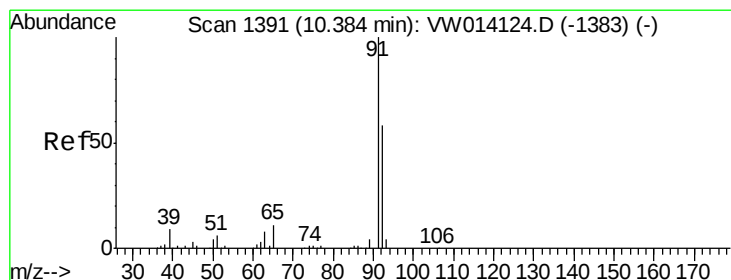
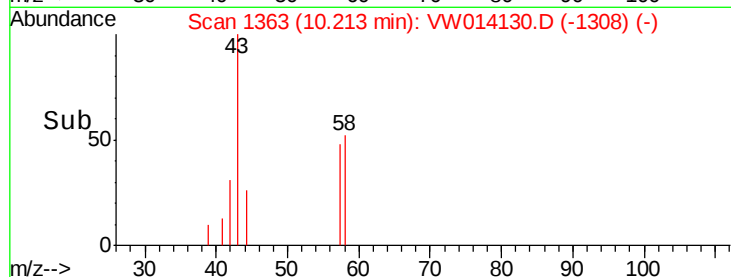
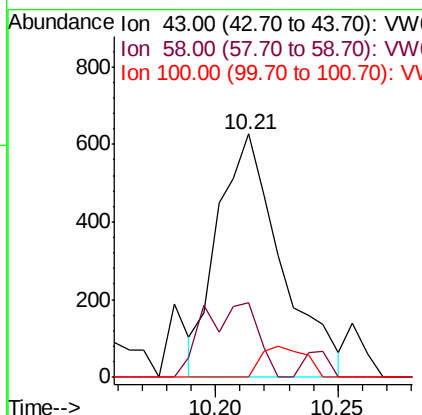
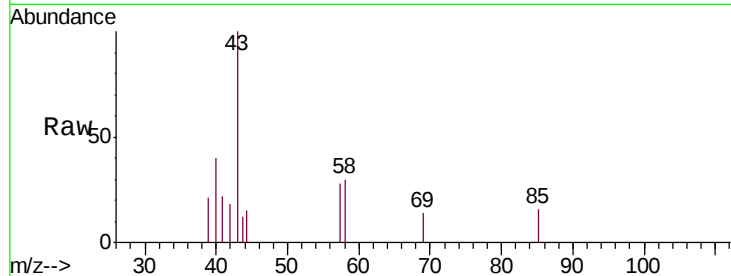




#43
4-Methyl-2-pentanone
Concen: 3.096 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

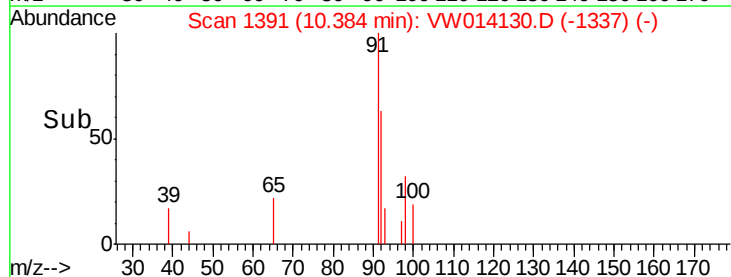
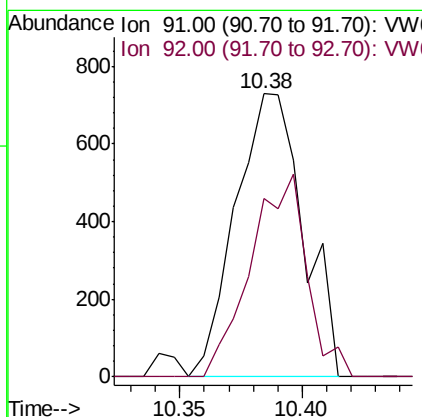
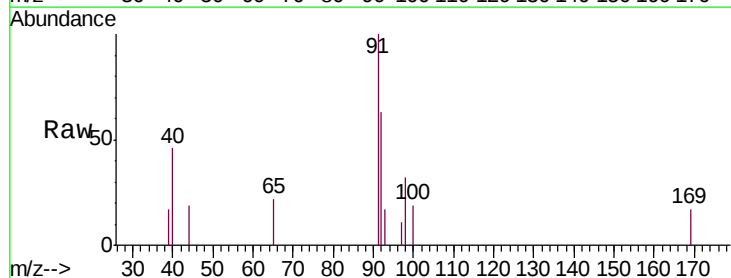
Instrument :
MSVOA_W
ClientSampleId :
C0BL7RE

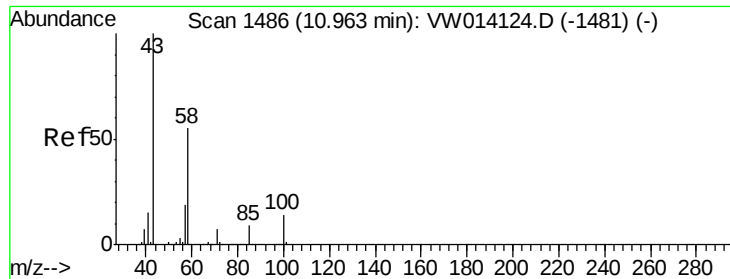
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 14.7 32.6 49.0#
100 8.7 13.8 20.8#



#44
Toluene
Concen: 0.564 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

Tgt Ion: 91 Resp: 1407
Ion Ratio Lower Upper
91 100
92 63.1 40.7 75.7





#49

2-Hexanone

Concen: 9.555 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014130.D

Acq: 26 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

C0BL7RE

Tgt Ion: 43 Resp: 2505

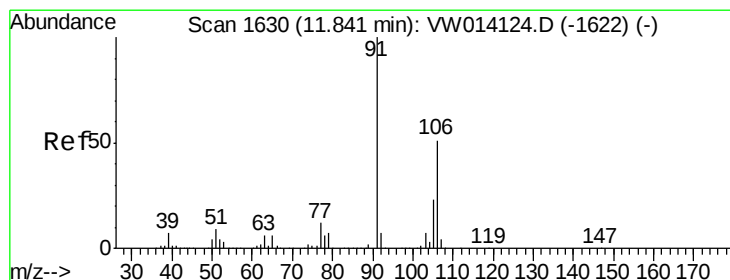
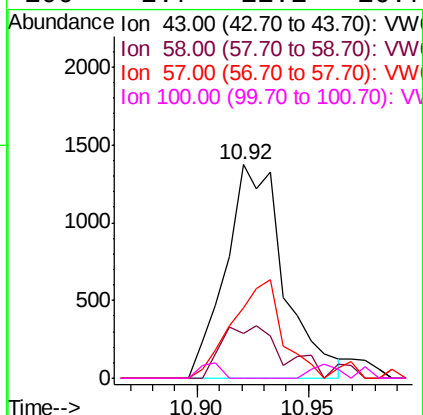
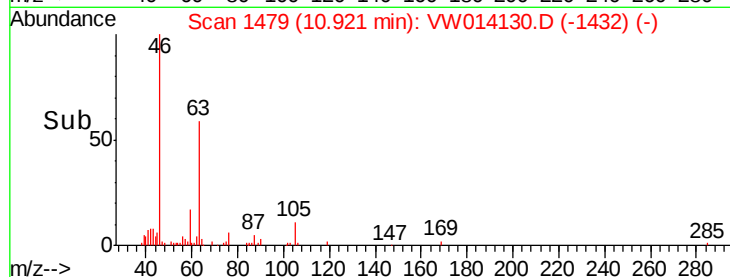
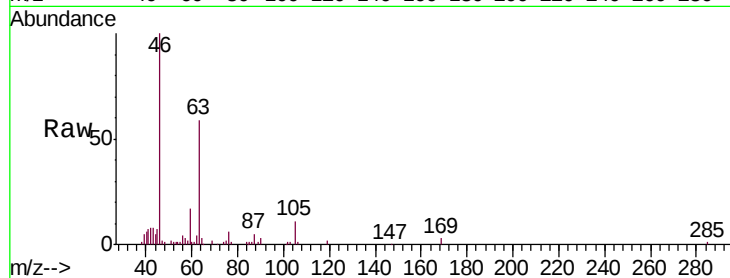
Ion Ratio Lower Upper

43 100

58 11.4 44.4 66.6#

57 0.0 16.5 24.7#

100 2.7 11.1 16.7#



#54

m,p-Xylene

Concen: 0.567 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW014130.D

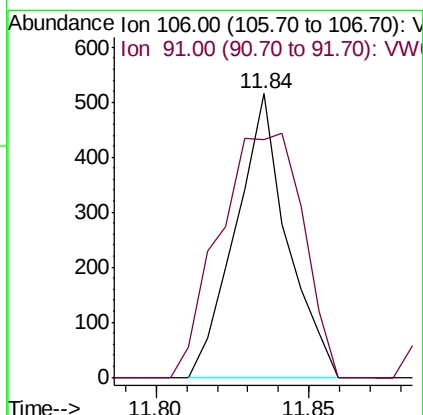
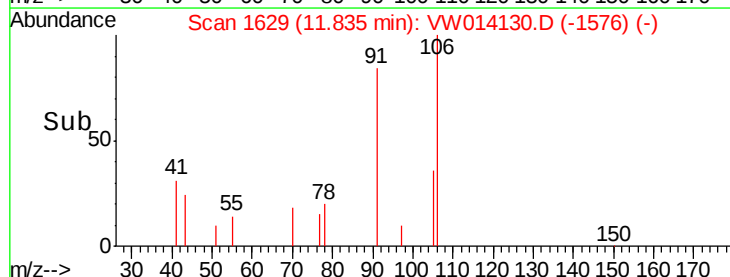
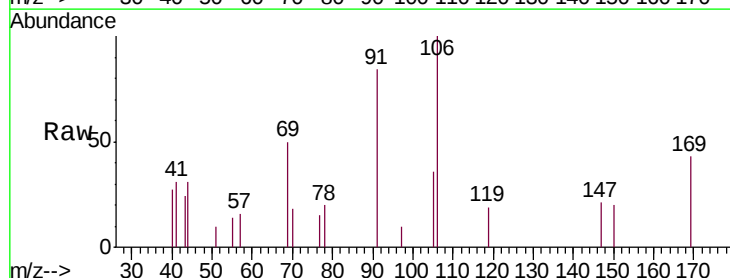
Acq: 26 Nov 2019 12:57

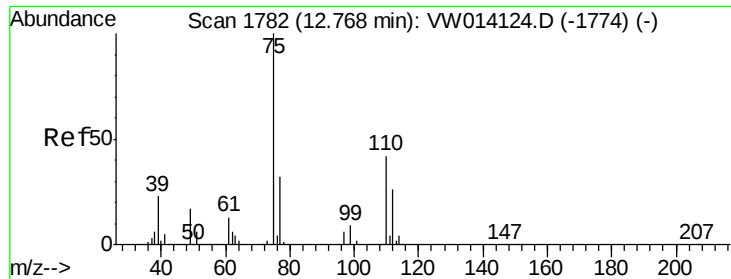
Tgt Ion: 106 Resp: 603

Ion Ratio Lower Upper

106 100

91 84.1 138.7 257.5#

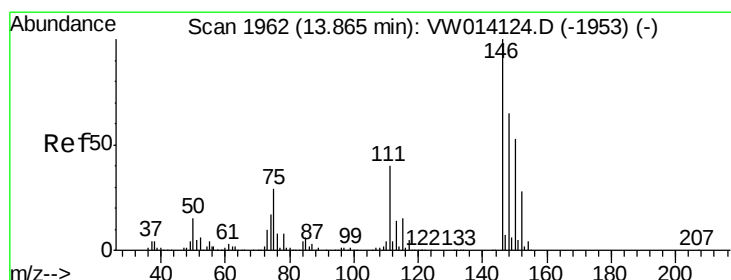
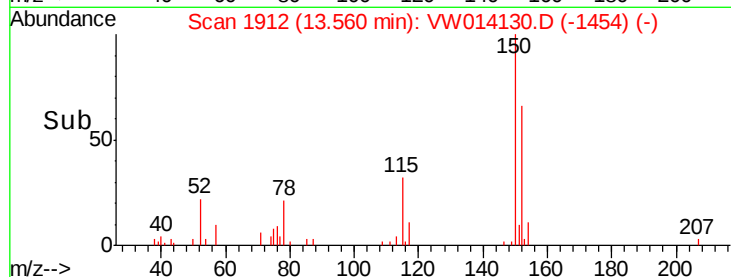
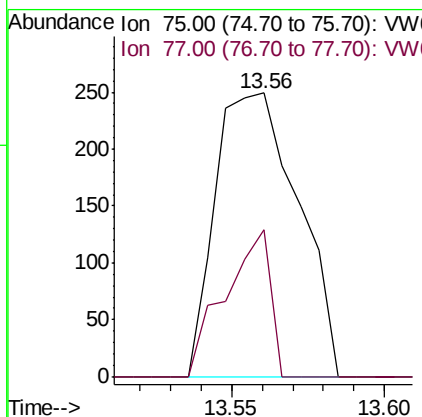
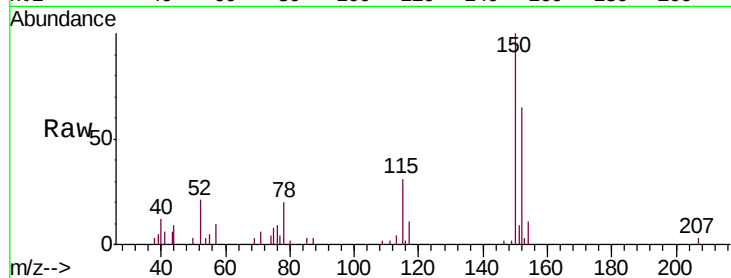




#59
 1,2,3-Trichloropropane
 Concen: 1.317 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW014130.D
 Acq: 26 Nov 2019 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL7RE

Tgt Ion: 75 Resp: 468
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.9 38.9



#65
 1,2-Dichlorobenzene
 Concen: 0.409 ug/L
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VW014130.D
 Acq: 26 Nov 2019 12:57

Tgt Ion: 146 Resp: 89
 Ion Ratio Lower Upper
 146 100
 111 34.6 30.5 45.7
 148 0.0 49.4 74.2#

