

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015976.D
 Acq On : 28 Jul 2020 11:32
 Operator : SY/VA
 Sample : L3458-16
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 04:39:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	387437	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343142	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152744	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101729	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
7) Chloroethane-d5	2.90	69	96529	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
10) 1,1-Dichloroethene-d2	4.01	63	242802	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.88%
20) 2-Butanone-d5	7.09	46	56331	39.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.46%
24) Chloroform-d	7.65	84	230236	21.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	8.31	65	116592	19.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.08%
29) Benzene-d6	8.27	84	478232	22.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.60%
33) 1,2-Dichloropropane-d6	9.27	67	141021	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.08%
37) Toluene-d8	10.32	98	417680	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.32%
38) trans-1,3-Dichloropropene-	10.58	79	51040	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.48%
39) 2-Hexanone-d5	10.93	63	44043	42.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98752	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	133529	22.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.22	50	101644	25.635	ug/L	98
6) Bromomethane	2.79	94	37418	10.256	ug/L	100
9) Trichlorofluoromethane	3.26	101	77395	18.828	ug/L	100
12) 1,1-Dichloroethene	4.04	96	128036	25.708	ug/L	92
13) Acetone	4.12	43	79057	65.553	ug/L	94
15) Methyl Acetate	4.68	43	79221	34.839	ug/L	98
16) Methylene chloride	4.92	84	66830	10.527	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	224393	31.861	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	63976	12.164	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	154569	28.091	ug/L	96
23) Bromochloromethane	7.52	128	36936	15.308	ug/L	96
27) 1,2-Dichloroethane	8.40	62	62287	9.530	ug/L	96
30) Cyclohexane	7.96	56	101565	11.739	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	91778	11.455	ug/L	99
32) Carbon tetrachloride	8.07	117	104477	14.380	ug/L	99
35) Trichloroethene	9.09	95	254189	46.106	ug/L	97
36) Methylcyclohexane	9.34	83	297064	31.402	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

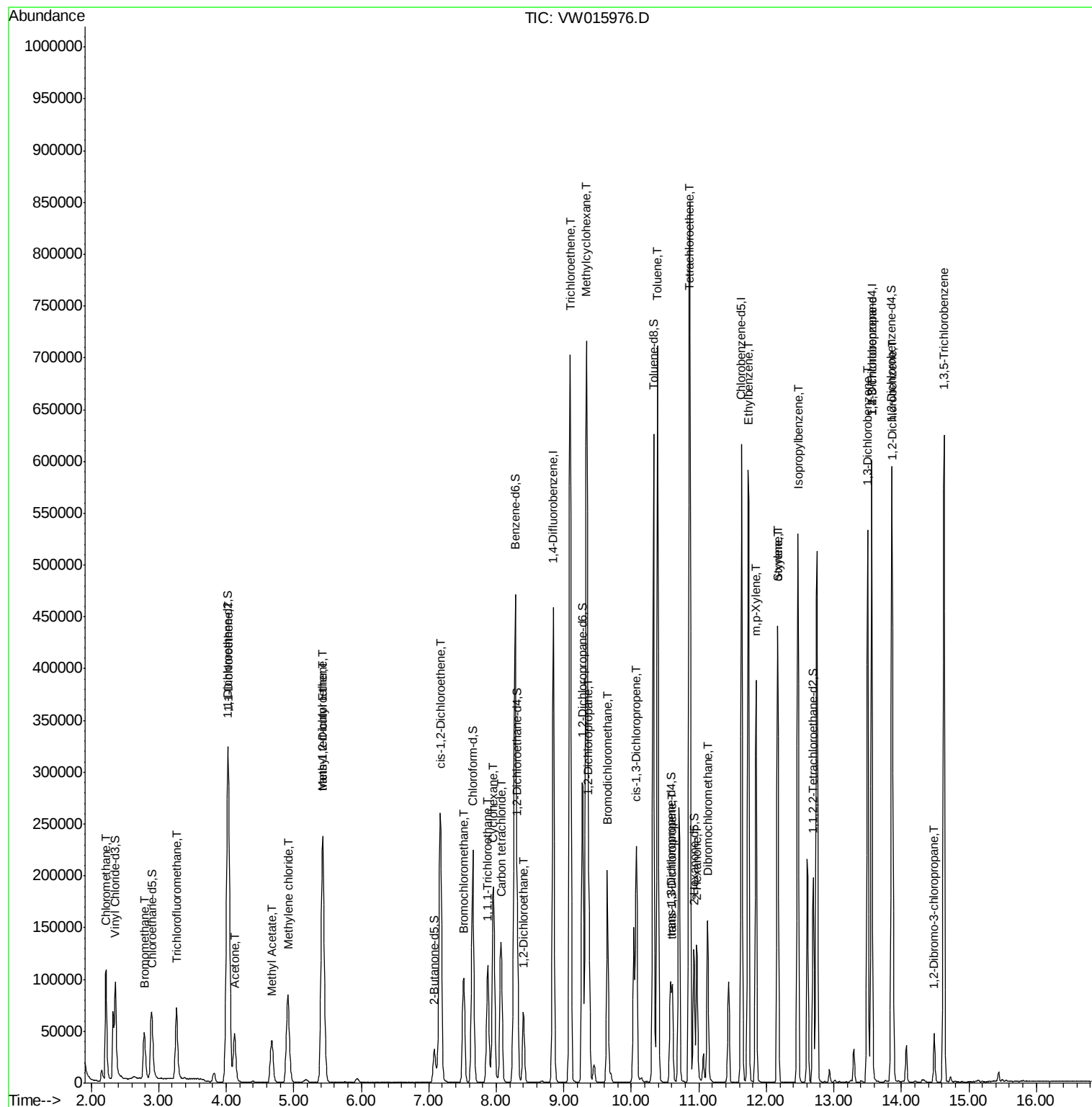
40) 1,2-Dichloropropane	9.37	63	74331	14.397	uq/L	100
41) Bromodichloromethane	9.65	83	139162	20.871	uq/L	98
42) cis-1,3-Dichloropropene	10.07	75	137641	17.504	uq/L	97
44) Toluene	10.39	91	516221	23.616	uq/L	99
45) trans-1,3-Dichloropropene	10.61	75	52033	7.634	uq/L	99
47) Tetrachloroethene	10.87	164	198051	46.281	uq/L	94
49) 2-Hexanone	10.97	43	82527	38.590	uq/L	99
50) Dibromochloromethane	11.13	129	85473	19.885	uq/L	99
53) Ethylbenzene	11.73	91	422692	17.197	uq/L	96
54) m,p-Xylene	11.85	106	104407	11.354	uq/L	99
55) o-xylene	12.17	106	115868	13.381	uq/L	90
56) Styrene	12.17	104	6905	0.469	uq/L #	1
57) Isopropylbenzene	12.47	105	333802	14.161	uq/L	99
59) 1,2,3-Trichloropropane	13.56	75	18696	5.724	uq/L	92
63) 1,3-Dichlorobenzene	13.50	146	219495	22.453	uq/L	97
65) 1,2-Dichlorobenzene	13.87	146	98280	11.068	uq/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	12201	18.255	uq/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	195798	28.485	uq/L	98

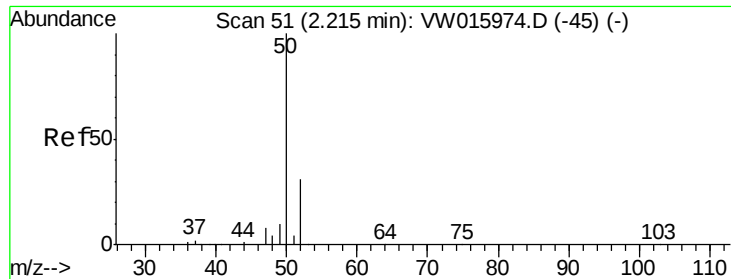
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 25.635 ug/L

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

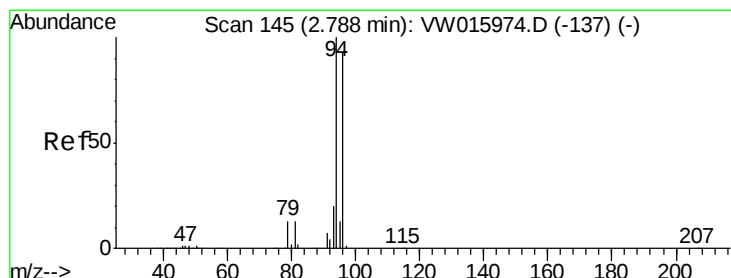
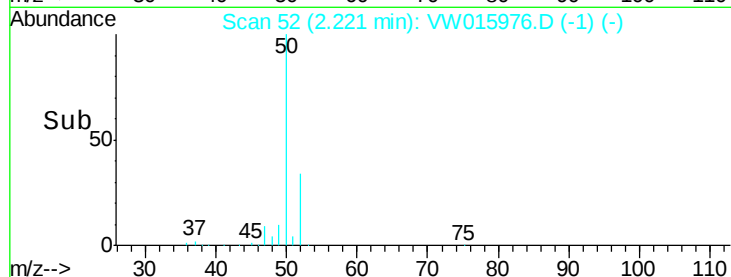
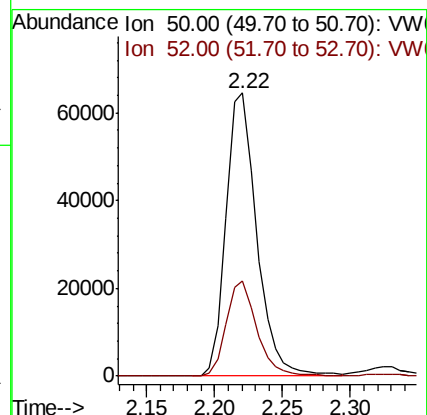
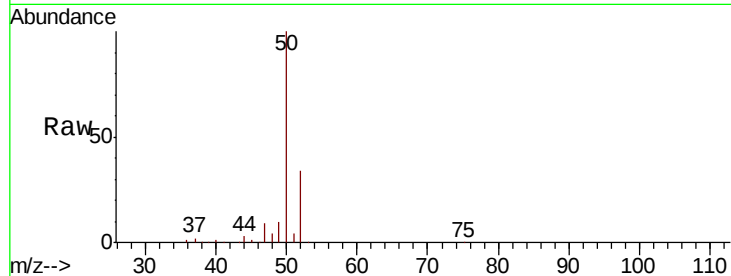
ClientSampleId :

Tot Ion: 50 Resp: 101644

Ion Ratio Lower Upper

50 100

52 33.6 22.8 42.4



#6

Bromomethane

Concen: 10.256 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW015976.D

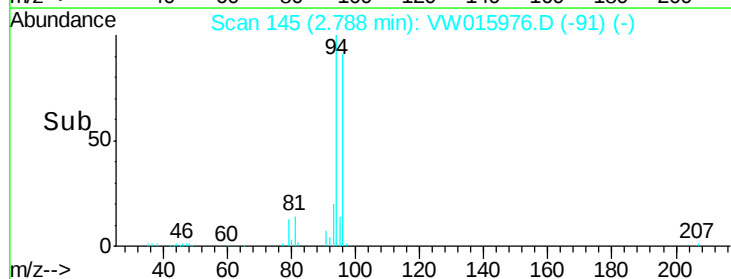
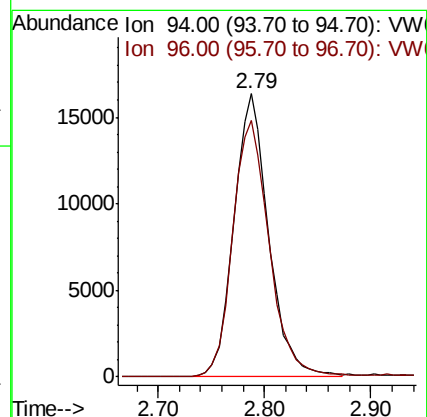
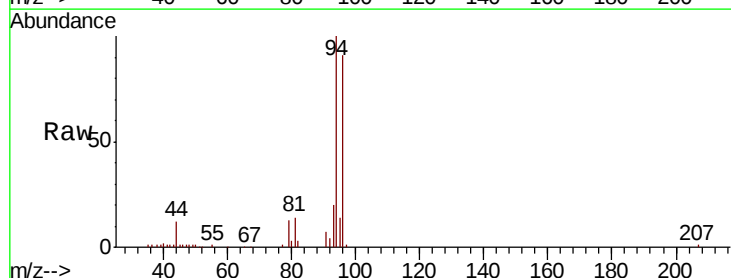
Acq: 28 Jul 2020 11:32

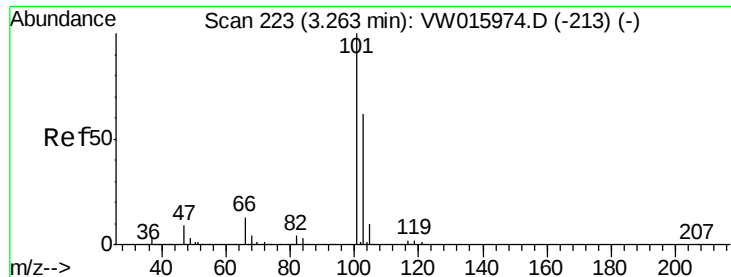
Tgt Ion: 94 Resp: 37418

Ion Ratio Lower Upper

94 100

96 94.9 9.5 180.1



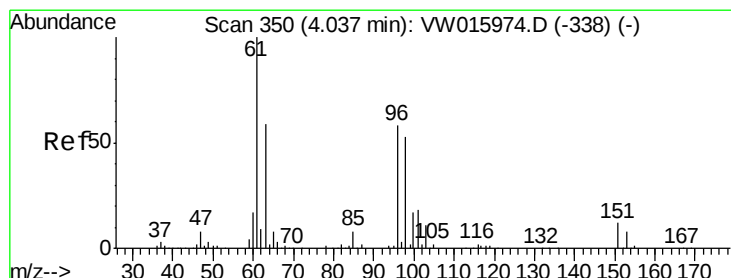
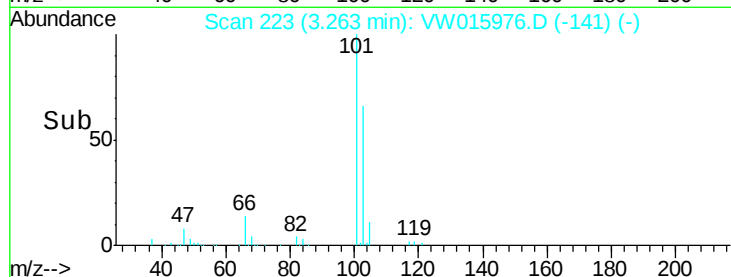
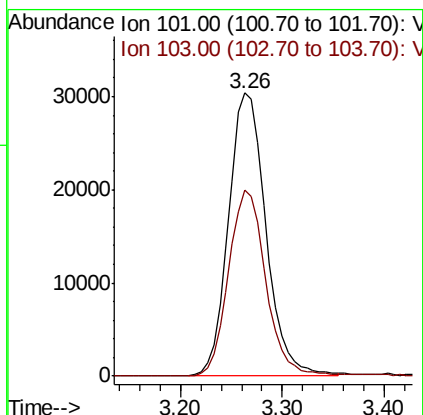
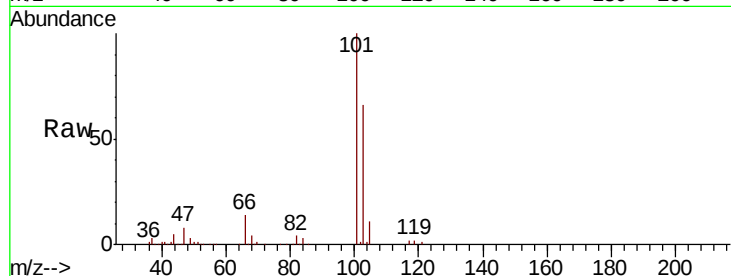


#9

Trichlorofluoromethane
Concen: 18.828 ug/L
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015976.D
Acq: 28 Jul 2020 11:32

Instrument :
MSVOA_W
ClientSampleId :

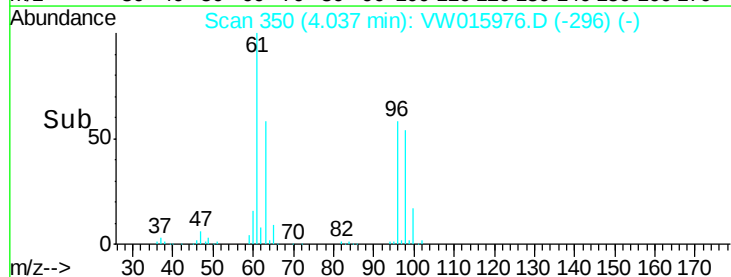
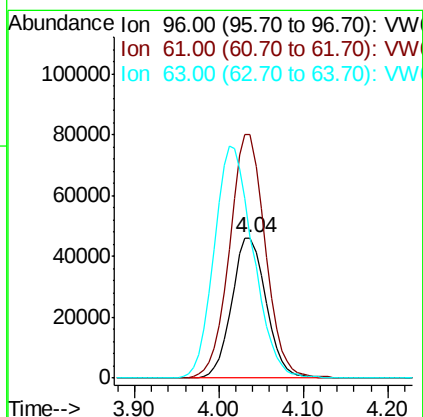
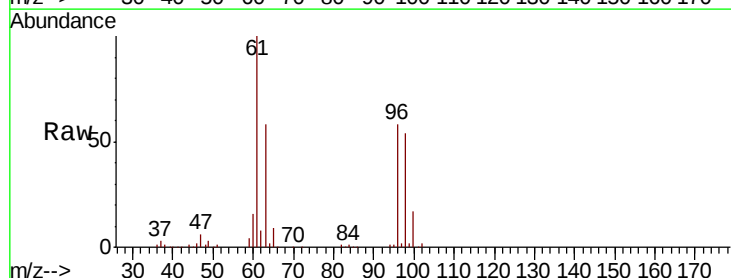
Tot Ion:101 Resp: 77395
Ion Ratio Lower Upper
101 100
103 65.4 45.8 85.2

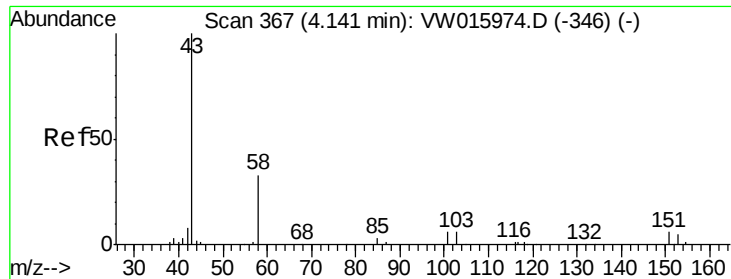


#12

1,1-Dichloroethene
Concen: 25.708 ug/L
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW015976.D
Acq: 28 Jul 2020 11:32

Tgt Ion: 96 Resp: 128036
Ion Ratio Lower Upper
96 100
61 173.6 125.0 232.2
63 100.7 82.3 152.8





#13

Acetone

Concen: 65.553 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

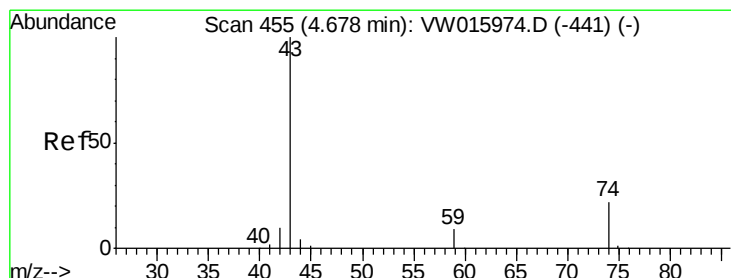
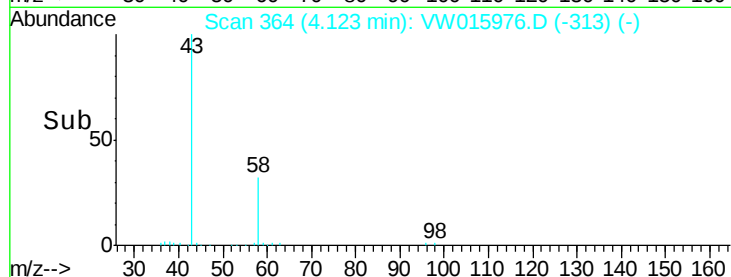
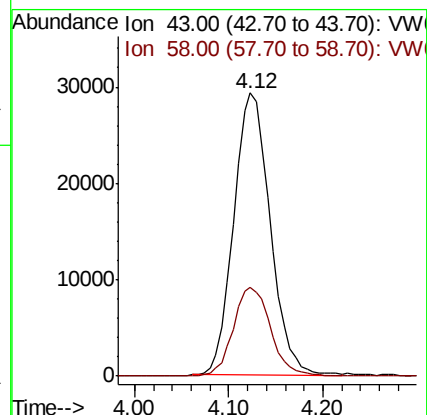
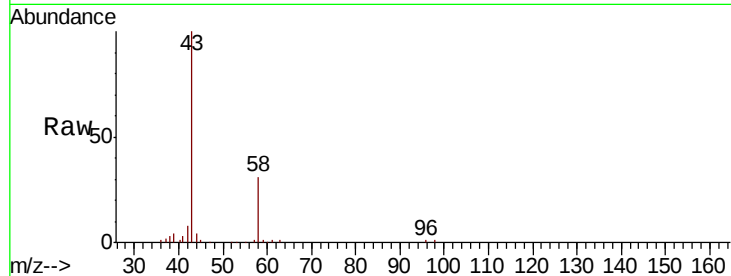
ClientSampled :

Tot Ion: 43 Resp: 79057

Ion Ratio Lower Upper

43 100

58 32.2 0.0 58.2



#15

Methyl Acetate

Concen: 34.839 ug/L

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015976.D

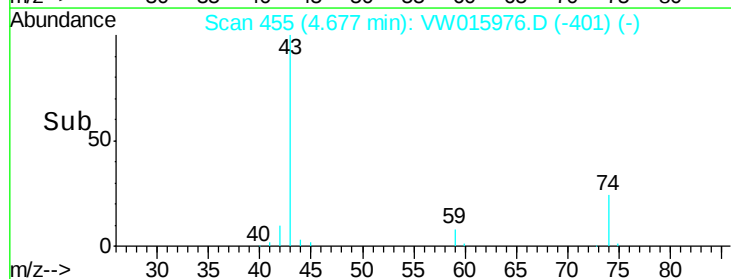
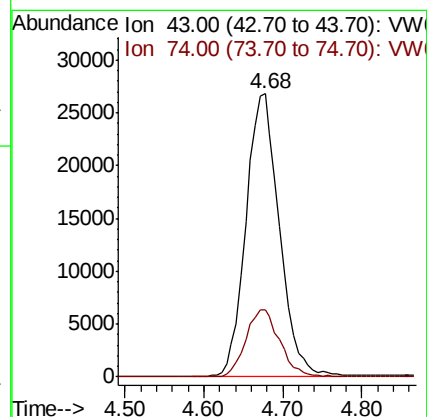
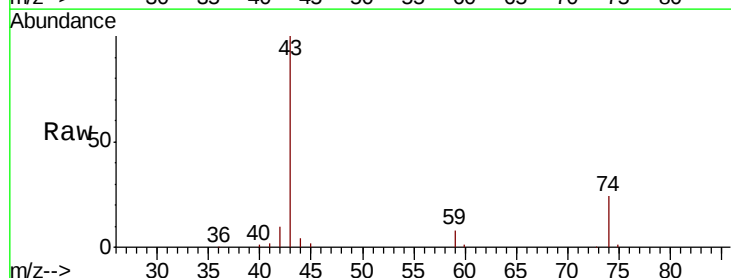
Acq: 28 Jul 2020 11:32

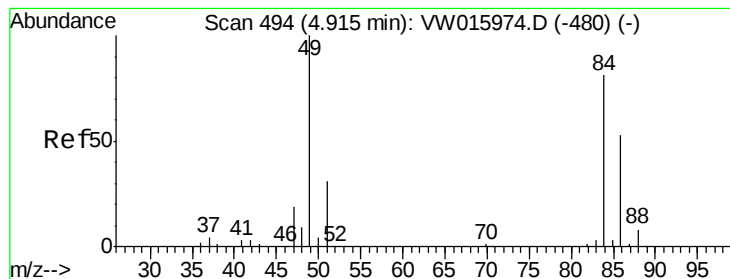
Tgt Ion: 43 Resp: 79221

Ion Ratio Lower Upper

43 100

74 23.9 18.2 27.2





#16

Methylene chloride

Concen: 10.527 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

ClientSampleId :

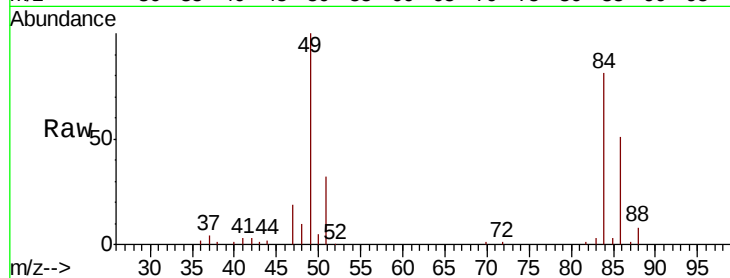
Tot Ion: 84 Resp: 66830

Ion Ratio Lower Upper

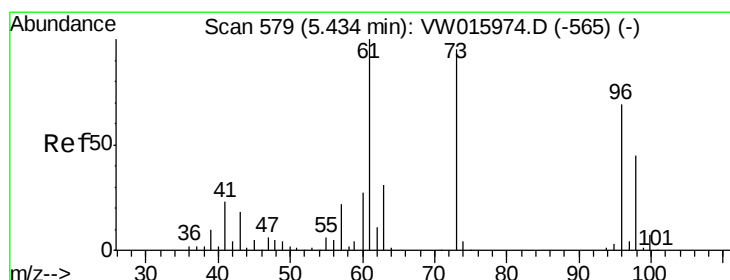
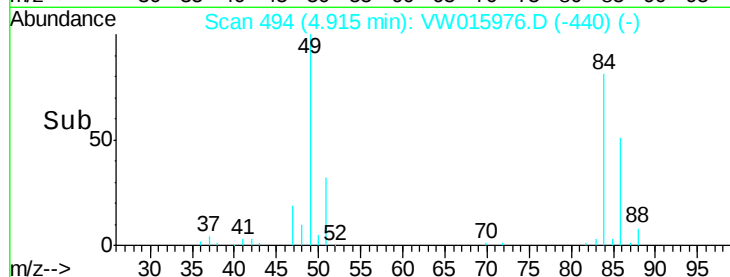
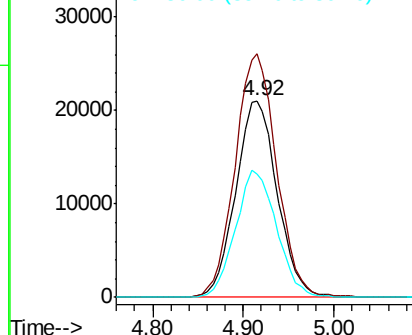
84 100

49 123.8 91.1 169.1

86 62.5 46.0 85.4



Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW



#17

Methyl tert-butyl Ether

Concen: 31.861 ug/L

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

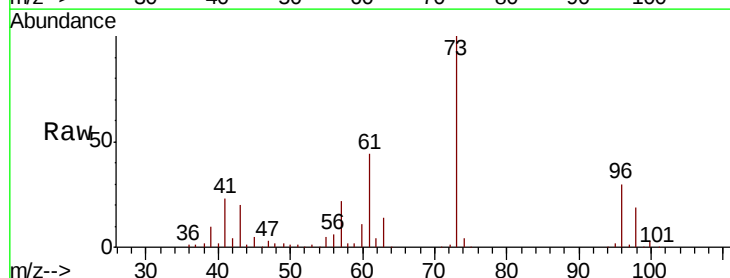
Tgt Ion: 73 Resp: 224393

Ion Ratio Lower Upper

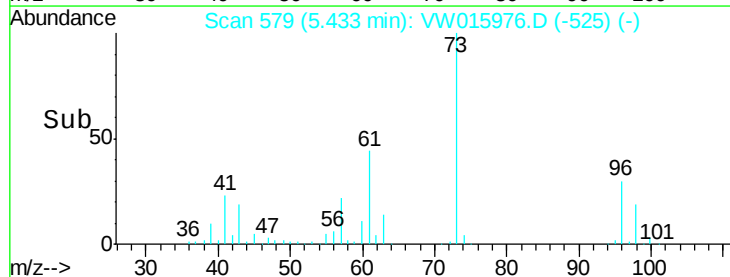
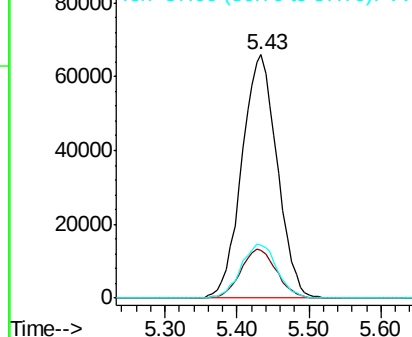
73 100

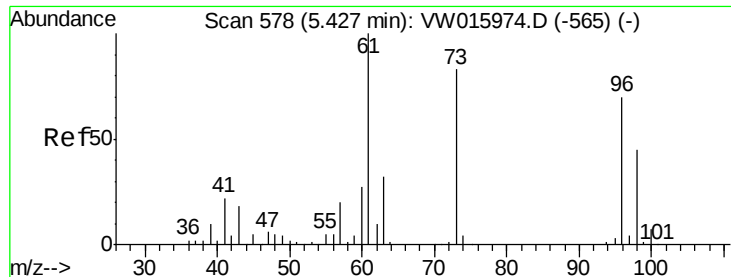
43 20.5 18.4 27.6

57 22.6 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

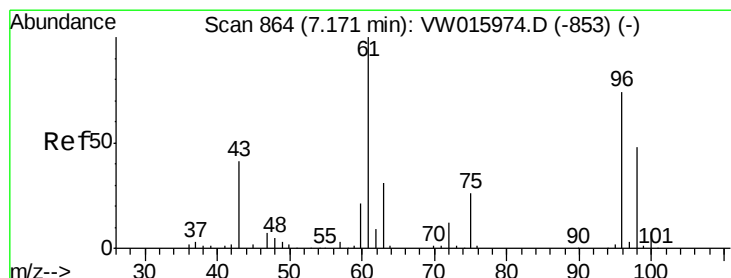
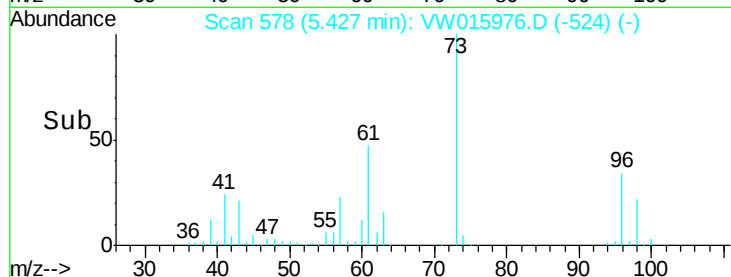
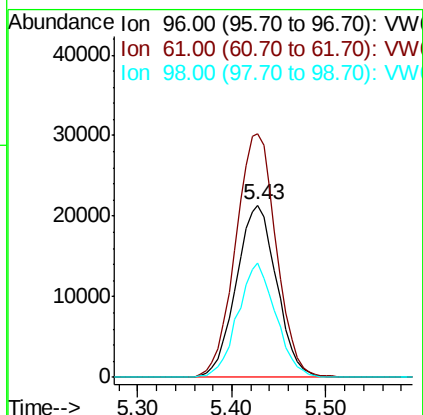
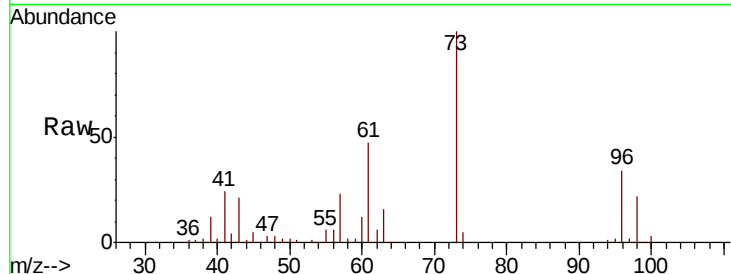




#18
trans-1,2-Dichloroethene
Concen: 12.164 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW015976.D
Acq: 28 Jul 2020 11:32

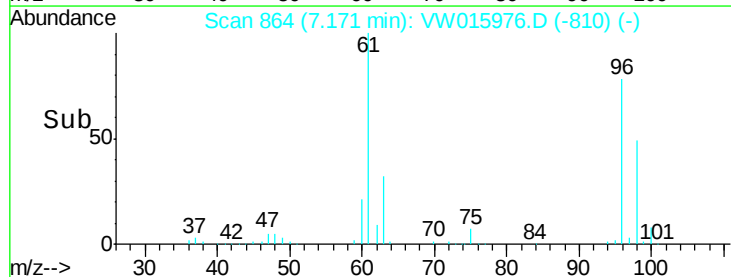
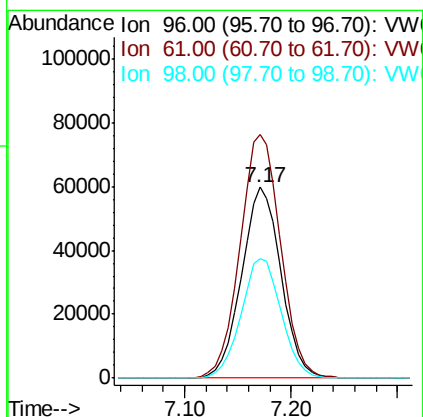
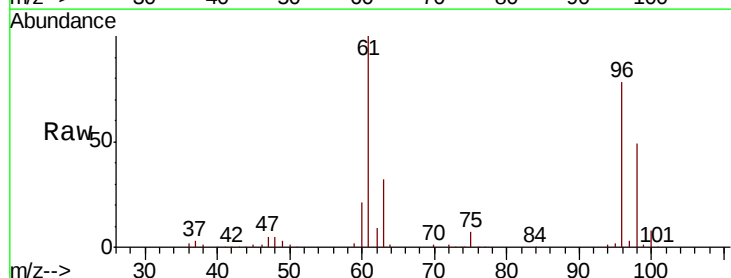
Instrument :
MSVOA_W
ClientSampled :

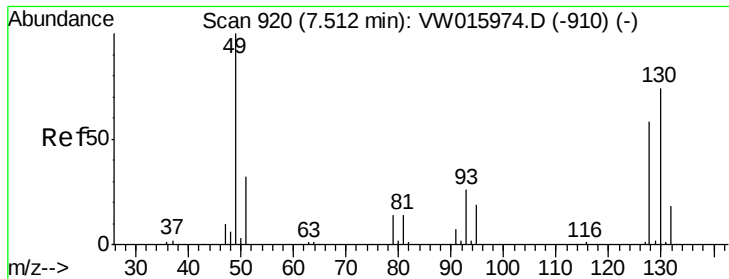
Tot Ion: 96 Resp: 63976
Ion Ratio Lower Upper
96 100
61 141.1 99.3 184.5
98 66.3 42.9 79.7



#22
cis-1,2-Dichloroethene
Concen: 28.091 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015976.D
Acq: 28 Jul 2020 11:32

Tgt Ion: 96 Resp: 154569
Ion Ratio Lower Upper
96 100
61 127.6 94.6 175.8
98 62.9 44.3 82.3





#23

Bromochloromethane

Concen: 15.308 ug/L

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 36936

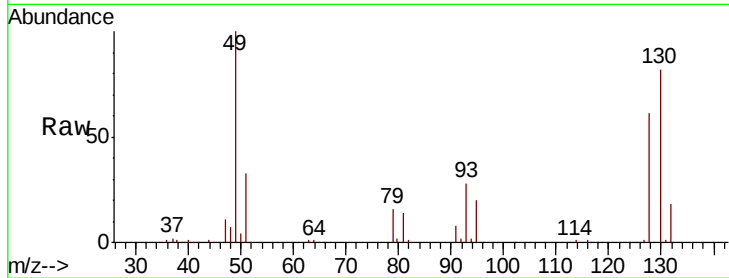
Ion Ratio Lower Upper

128 100

49 164.3 122.4 227.2

130 134.5 93.9 174.5

51 54.6 43.2 64.8

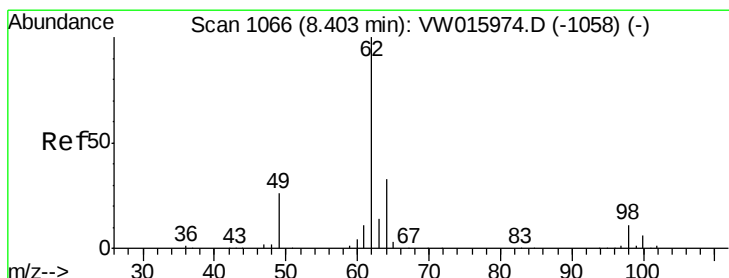
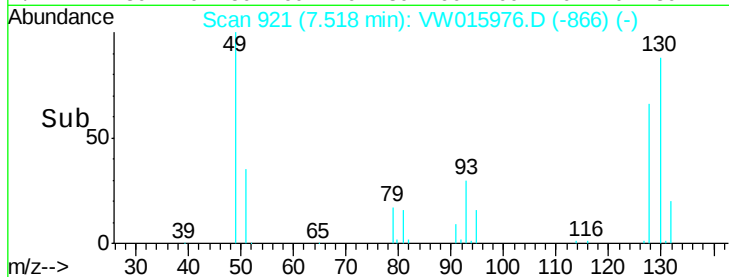
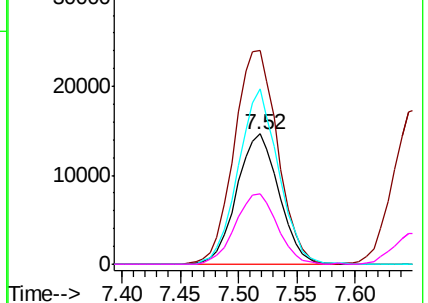


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW



#27

1,2-Dichloroethane

Concen: 9.530 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW015976.D

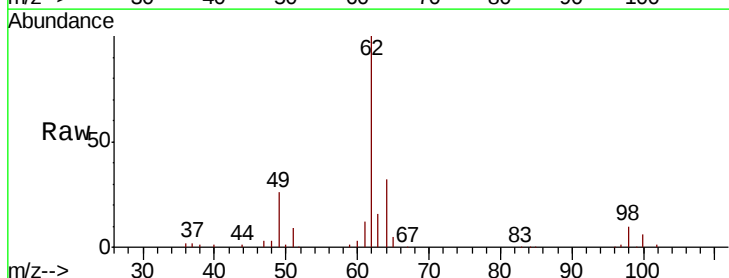
Acq: 28 Jul 2020 11:32

Tgt Ion: 62 Resp: 62287

Ion Ratio Lower Upper

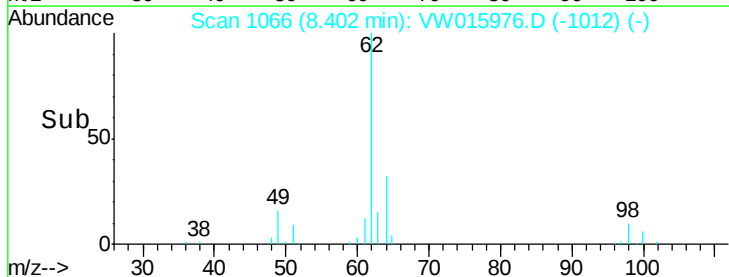
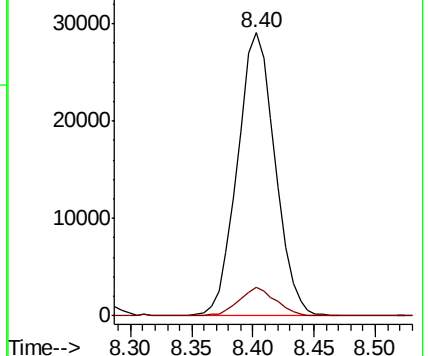
62 100

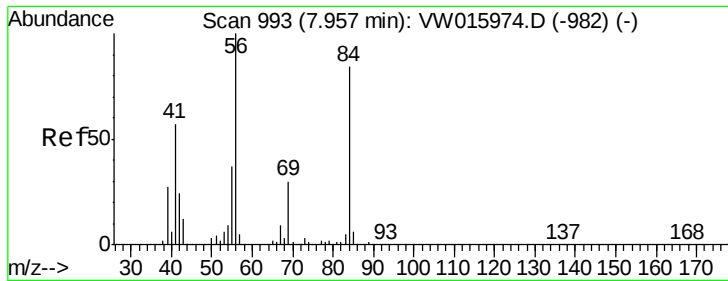
98 10.2 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

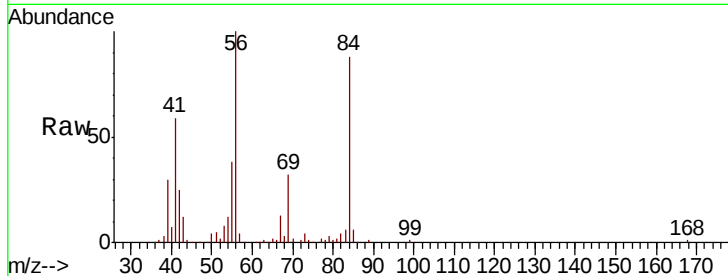




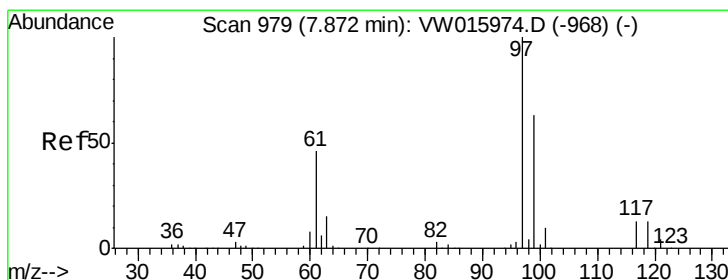
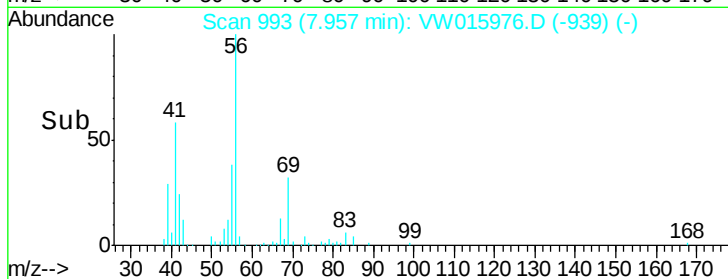
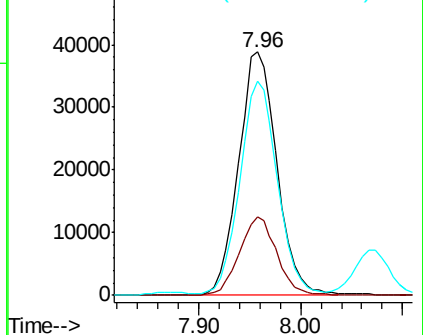
#30
Cyclohexane
Concen: 11.739 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015976.D
Acq: 28 Jul 2020 11:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 101565
Ion Ratio Lower Upper
56 100
69 31.4 24.4 36.6
84 86.5 69.3 103.9

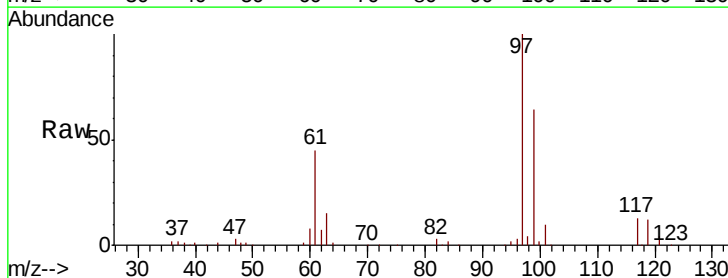


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

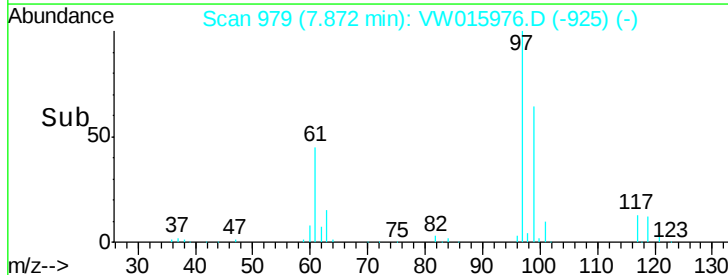
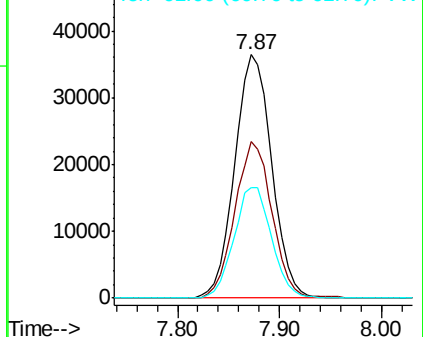


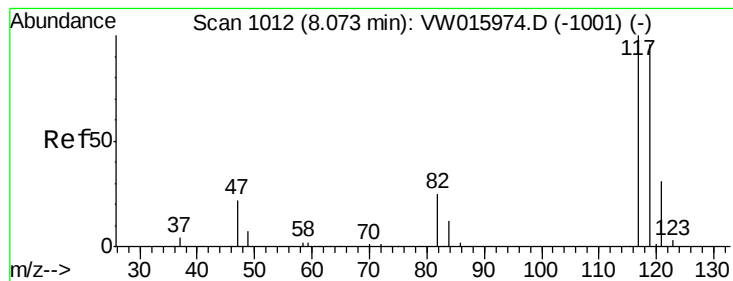
#31
1,1,1-Trichloroethane
Concen: 11.455 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015976.D
Acq: 28 Jul 2020 11:32

Tgt Ion: 97 Resp: 91778
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 46.0 37.6 56.4



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 14.380 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

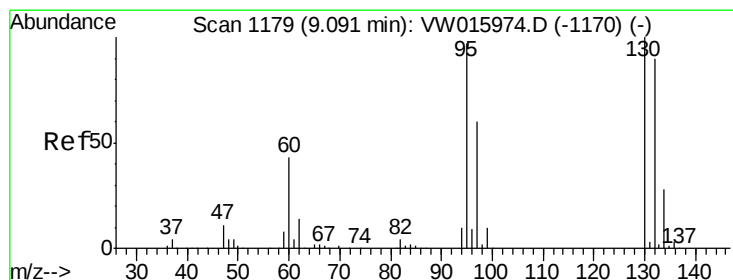
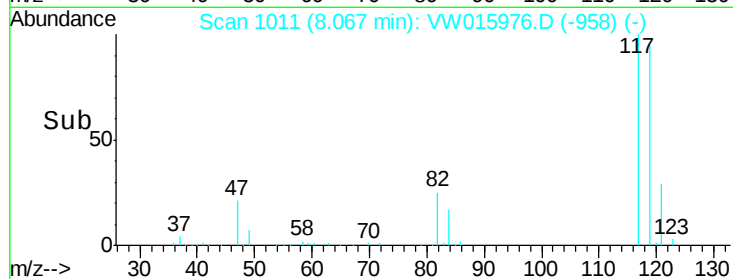
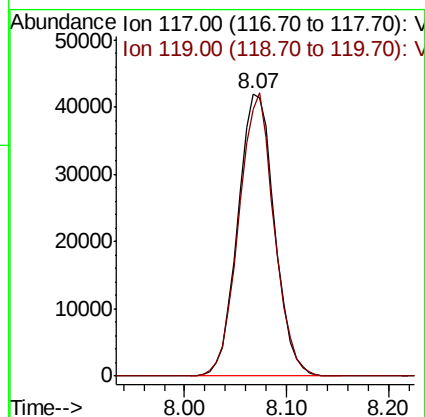
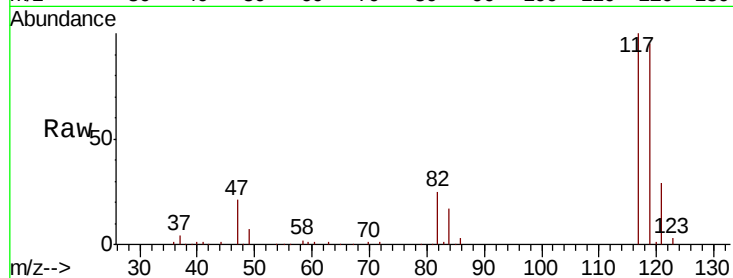
ClientSampleId :

Tot Ion:117 Resp: 104477

Ion Ratio Lower Upper

117 100

119 96.6 76.4 114.6



#35

Trichloroethene

Concen: 46.106 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Tgt Ion: 95 Resp: 254189

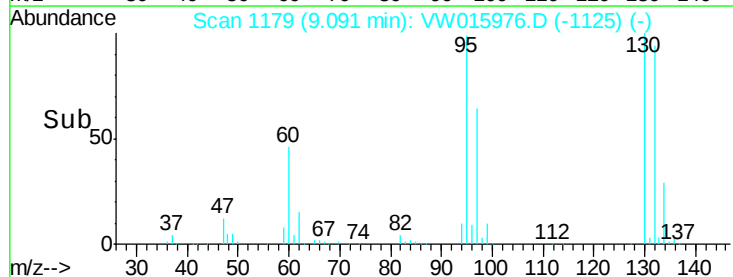
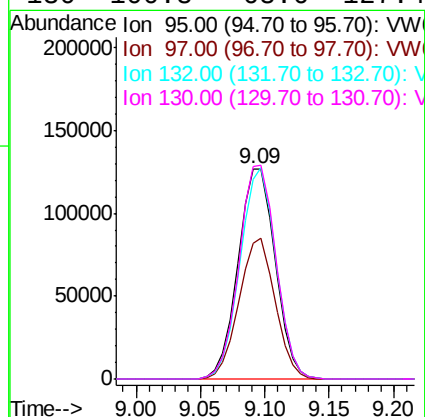
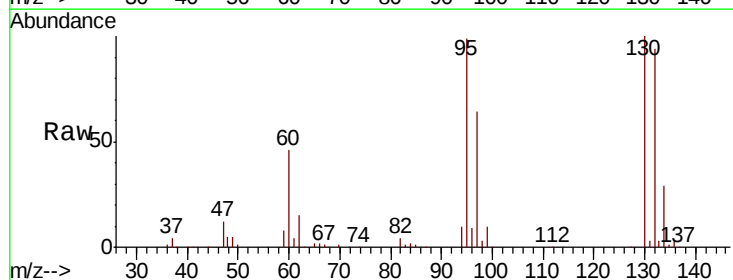
Ion Ratio Lower Upper

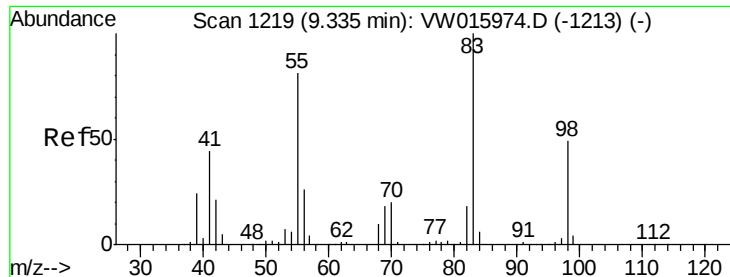
95 100

97 64.9 44.4 82.4

132 97.1 65.1 120.9

130 100.8 68.6 127.4

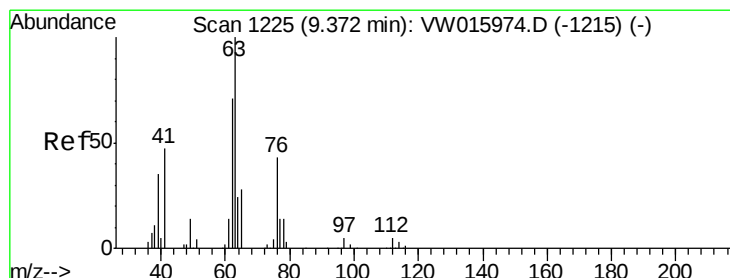
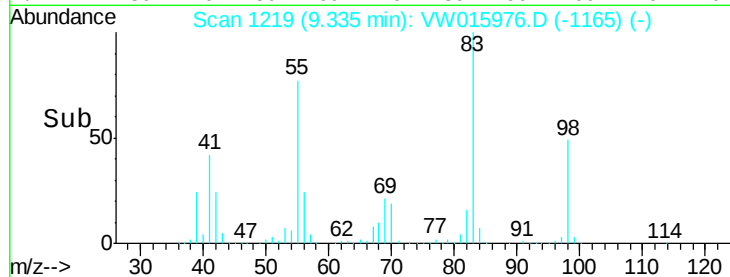
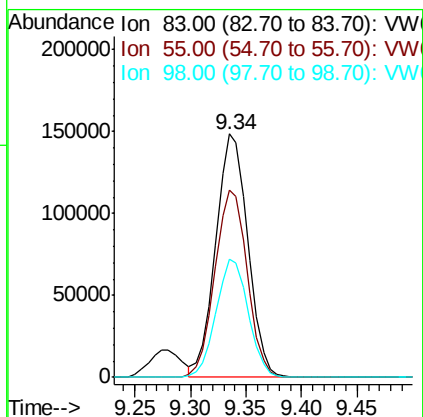
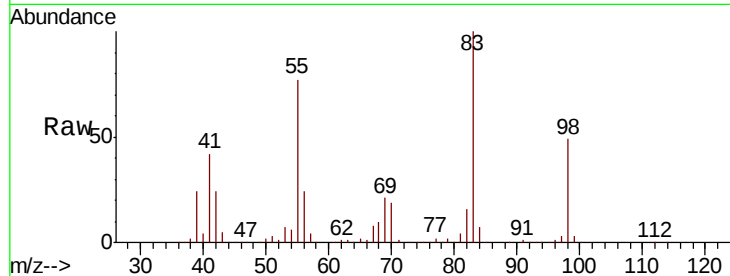




#36
Methvlcvclohexane
Concen: 31.402 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015976.D
Acq: 28 Jul 2020 11:32

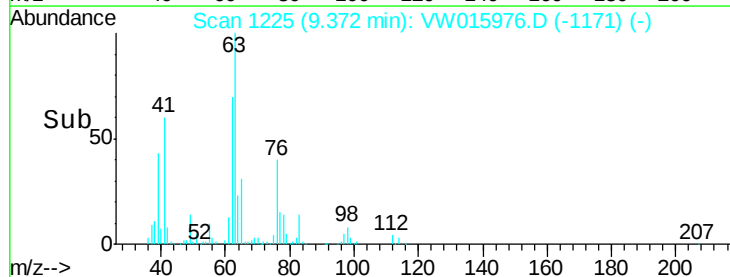
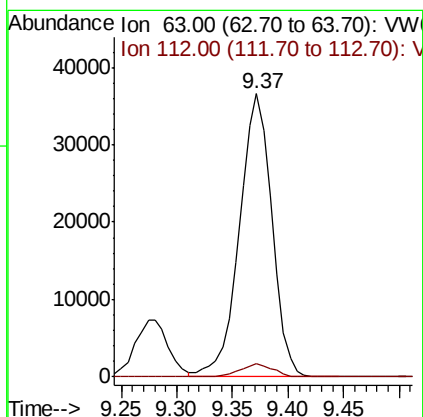
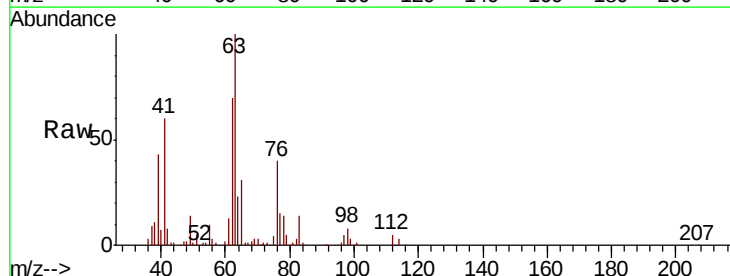
Instrument :
MSVOA_W
ClientSampled :

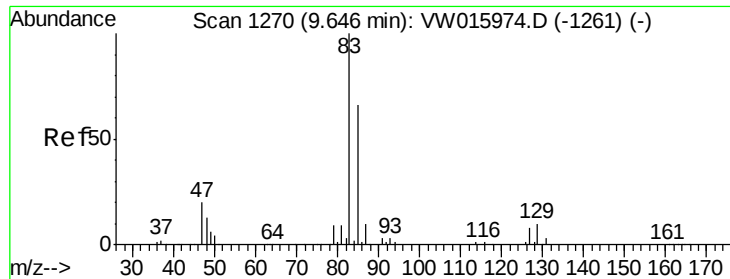
Tot Ion: 83 Resp: 297064
Ion Ratio Lower Upper
83 100
55 77.5 63.5 95.3
98 48.7 39.0 58.4



#40
1,2-Dichloropropane
Concen: 14.397 ug/L
RT: 9.37 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VW015976.D
Acq: 28 Jul 2020 11:32

Tgt Ion: 63 Resp: 74331
Ion Ratio Lower Upper
63 100
112 4.7 3.7 5.5





#41

Bromodichloromethane

Concen: 20.871 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

ClientSampleId :

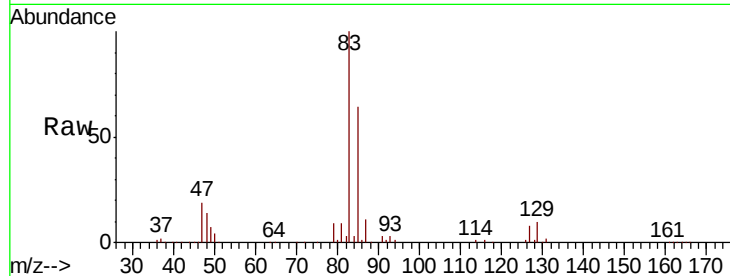
Tot Ion: 83 Resp: 139162

Ion Ratio Lower Upper

83 100

85 64.4 43.7 81.1

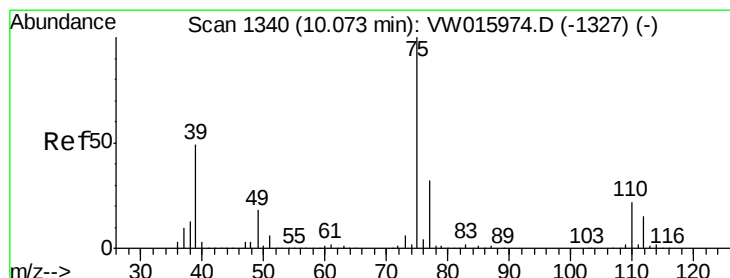
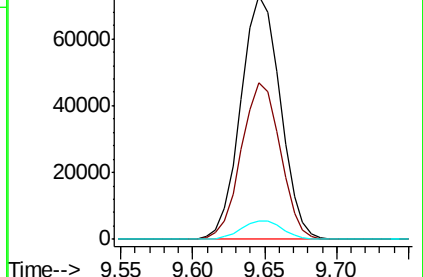
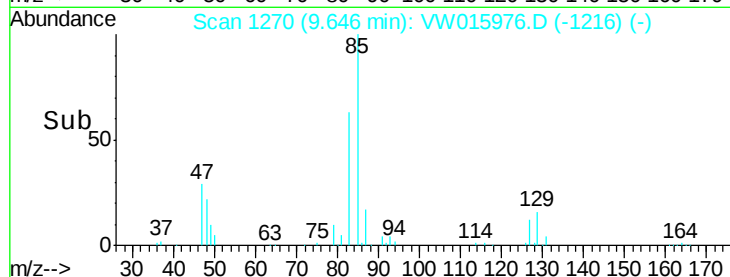
127 7.7 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#42

cis-1,3-Dichloropropene

Concen: 17.504 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015976.D

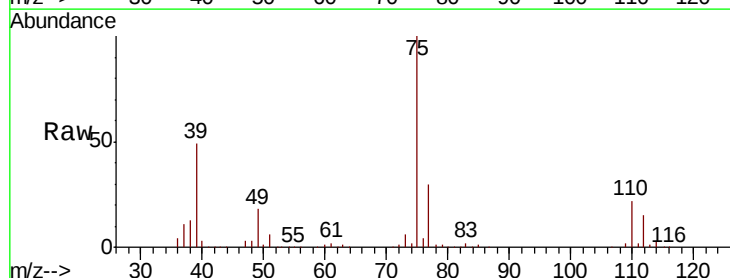
Acq: 28 Jul 2020 11:32

Tgt Ion: 75 Resp: 137641

Ion Ratio Lower Upper

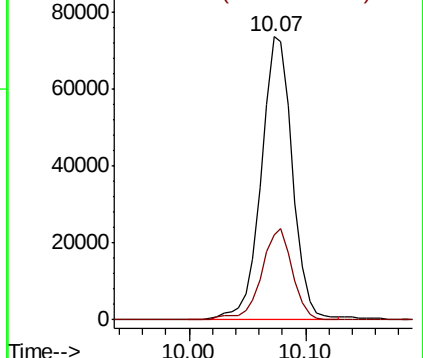
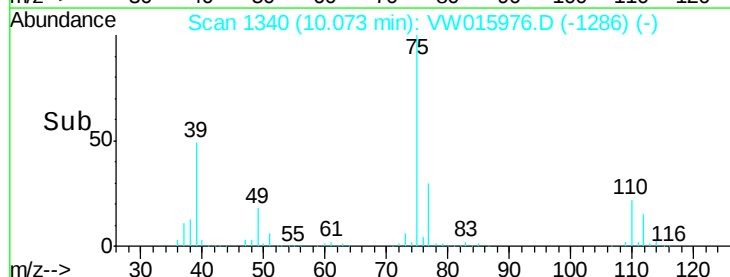
75 100

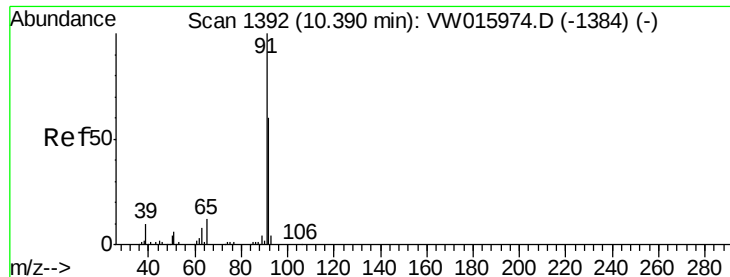
77 30.1 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 23.616 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

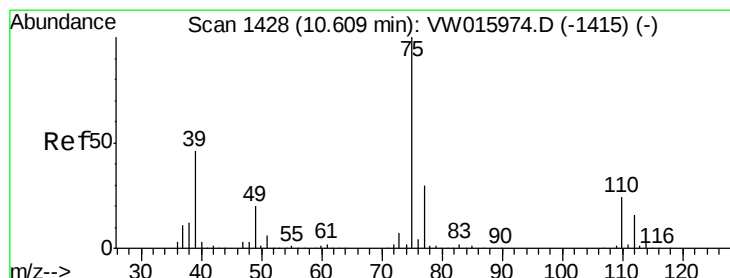
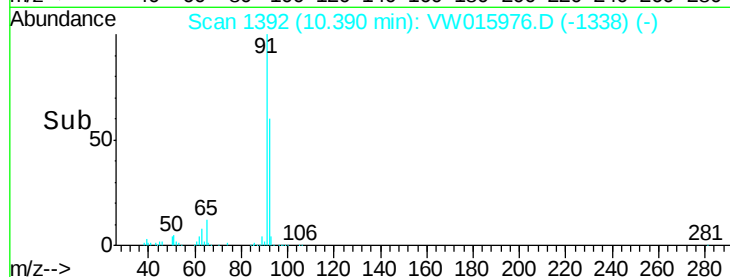
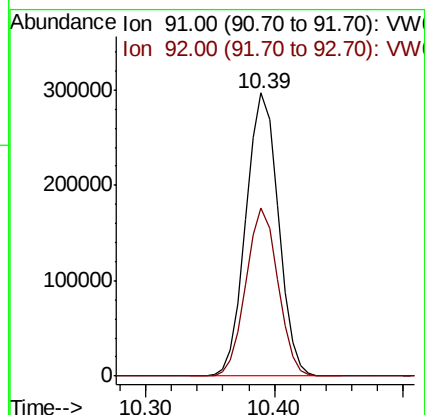
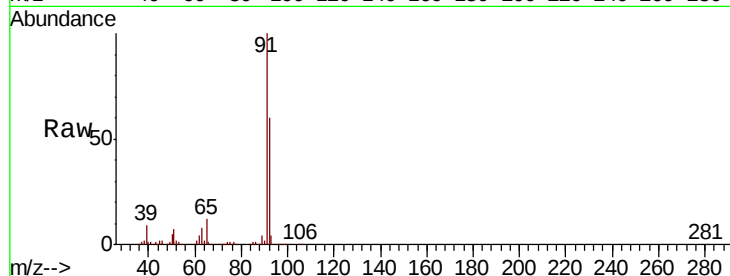
ClientSampleId :

Tot Ion: 91 Resp: 516221

Ion Ratio Lower Upper

91 100

92 59.6 41.2 76.4



#45

trans-1,3-Dichloropropene

Concen: 7.634 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015976.D

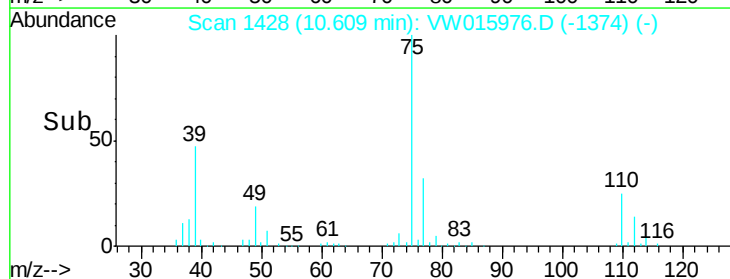
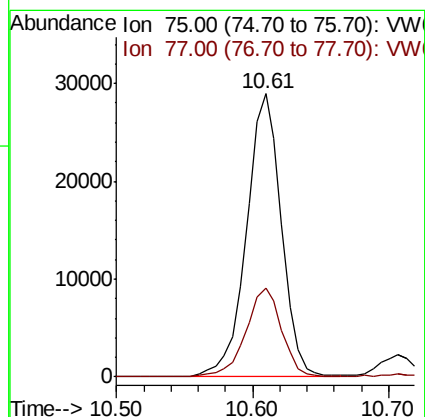
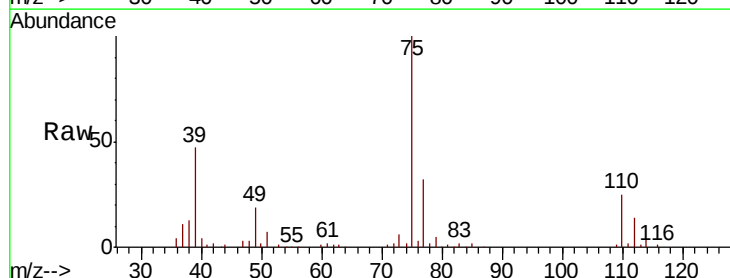
Acq: 28 Jul 2020 11:32

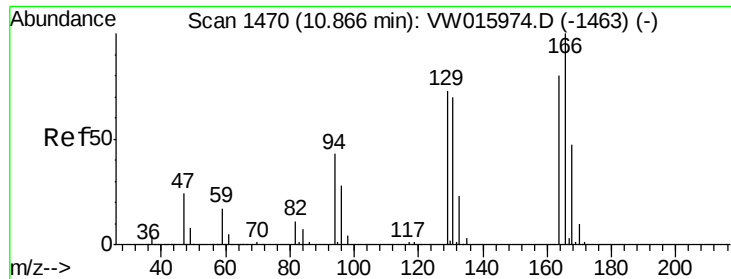
Tgt Ion: 75 Resp: 52033

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9





#47

Tetrachloroethene

Concen: 46.281 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

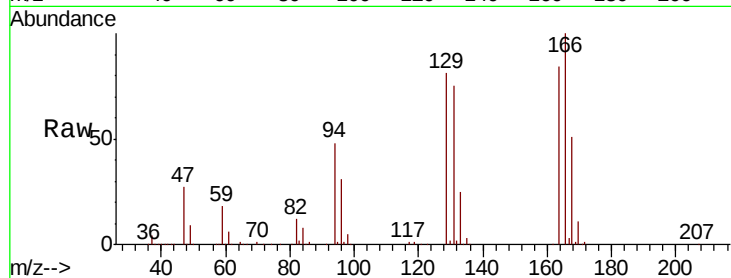
Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

ClientSampled :



Tot Ion:164 Resp: 198051

Ion Ratio Lower Upper

164 100

129 96.3 70.0 130.0

131 89.0 67.3 124.9

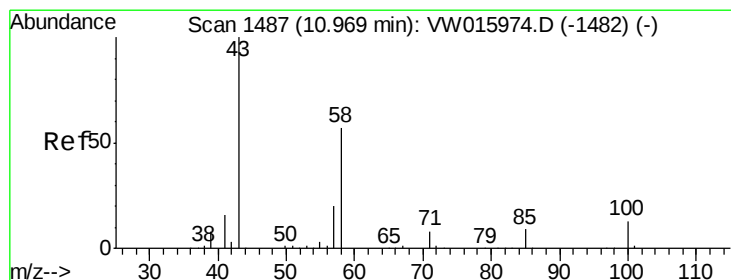
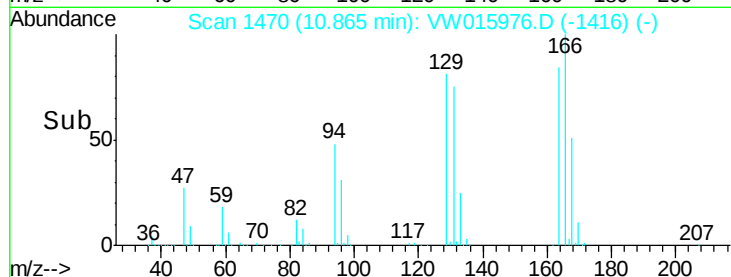
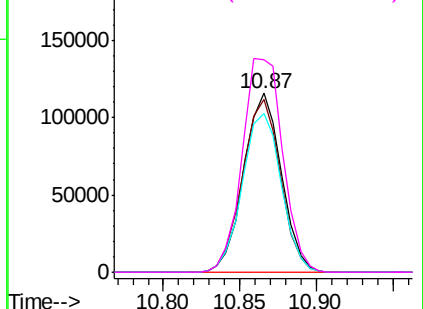
166 118.8 88.5 164.3

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: 38.590 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Tgt Ion: 43 Resp: 82527

Ion Ratio Lower Upper

43 100

58 53.5 42.4 63.6

57 19.7 15.6 23.4

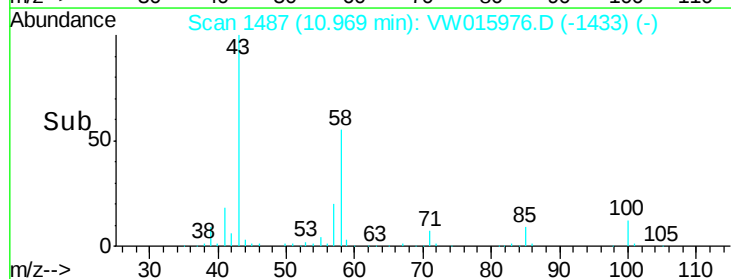
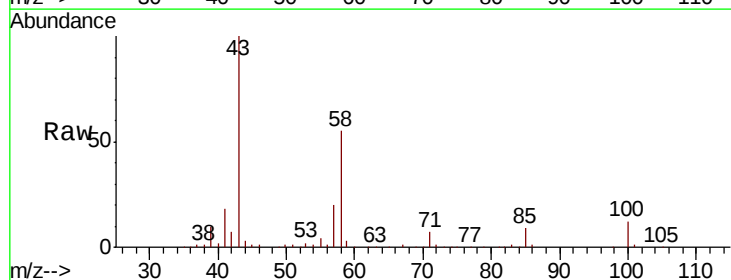
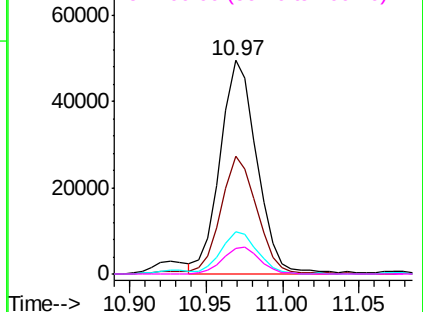
100 12.8 9.8 14.6

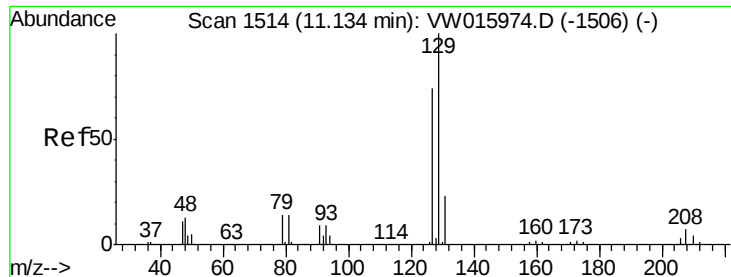
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#50

Dibromochloromethane

Concen: 19.885 ug/L

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

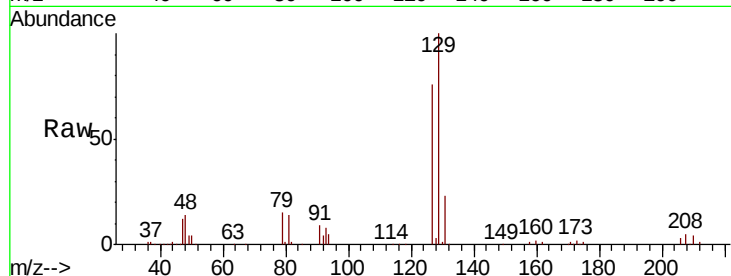
ClientSampled :

Tot Ion:129 Resp: 85473

Ion Ratio Lower Upper

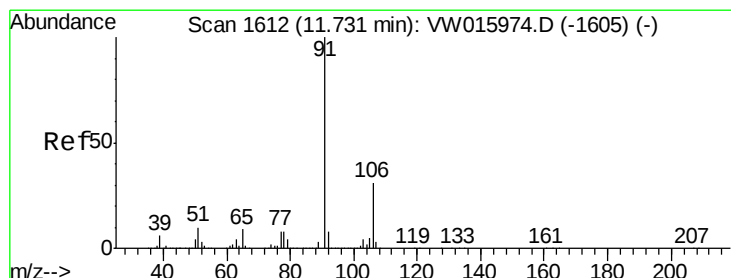
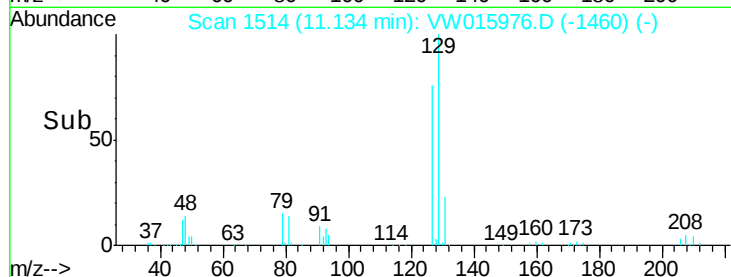
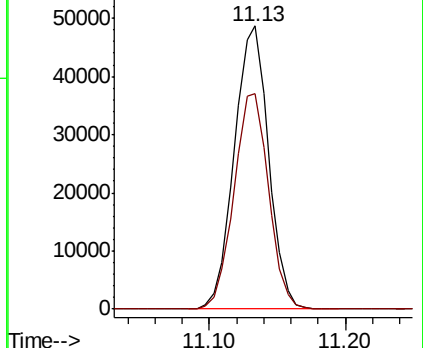
129 100

127 76.3 53.8 100.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

Ethylbenzene

Concen: 17.197 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015976.D

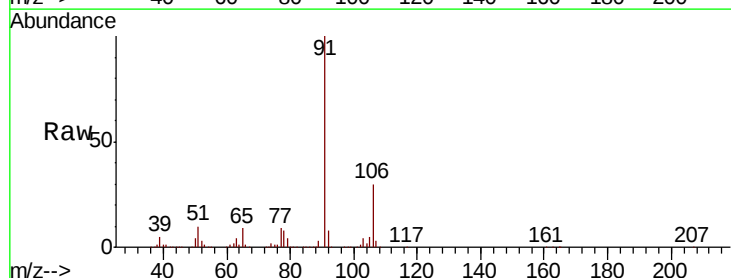
Acq: 28 Jul 2020 11:32

Tgt Ion: 91 Resp: 422692

Ion Ratio Lower Upper

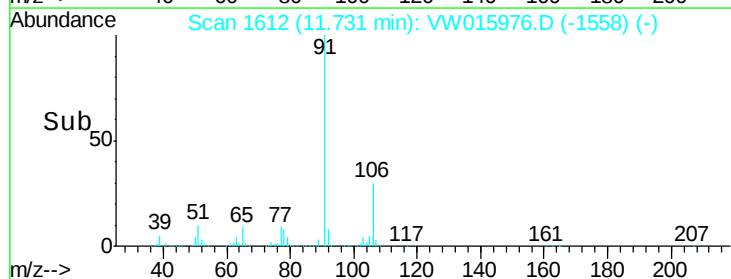
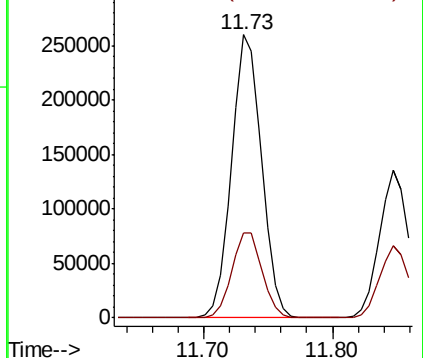
91 100

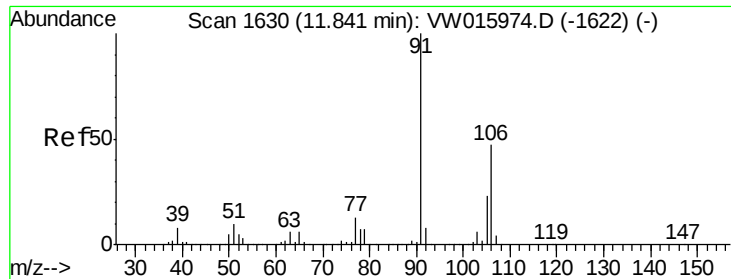
106 29.8 22.4 41.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 11.354 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

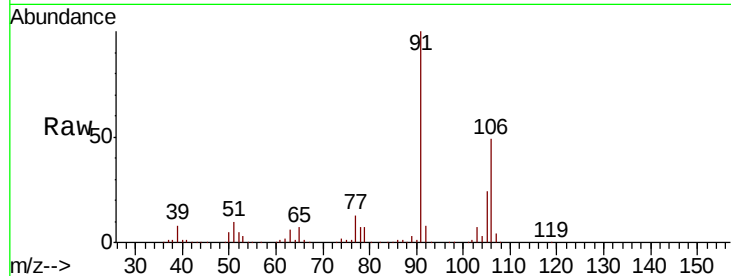
ClientSampleId :

Tot Ion:106 Resp: 104407

Ion Ratio Lower Upper

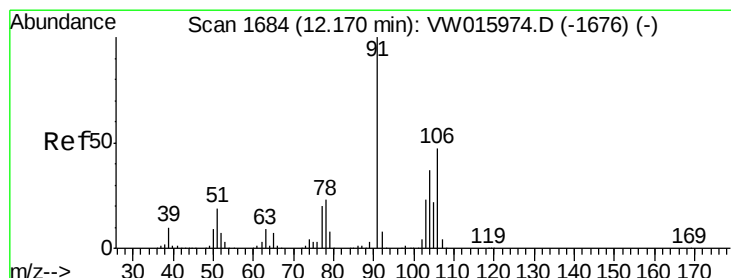
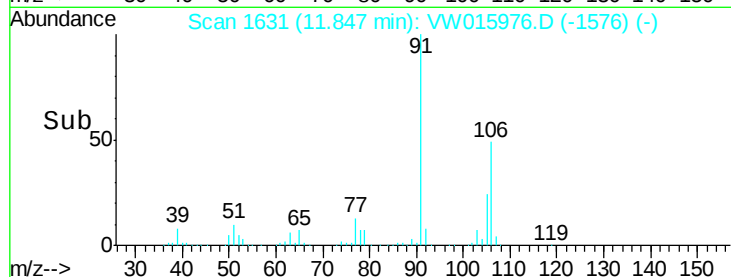
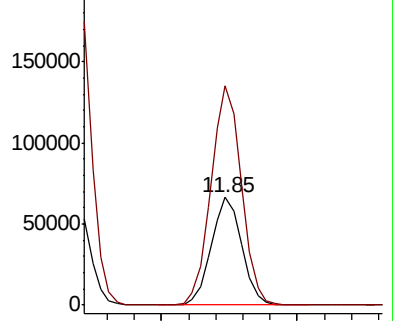
106 100

91 204.6 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 13.381 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW015976.D

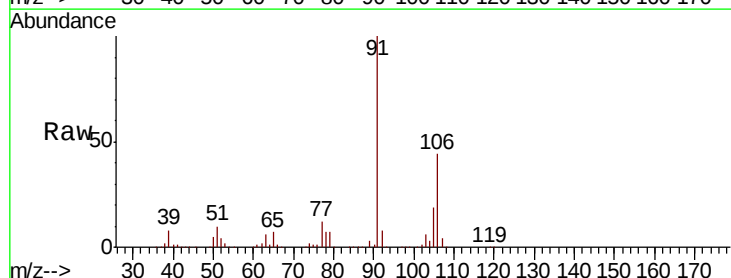
Acq: 28 Jul 2020 11:32

Tgt Ion:106 Resp: 115868

Ion Ratio Lower Upper

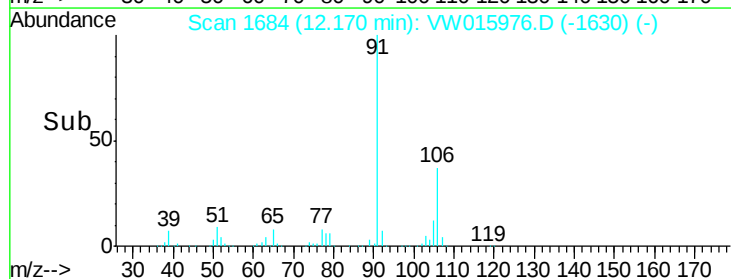
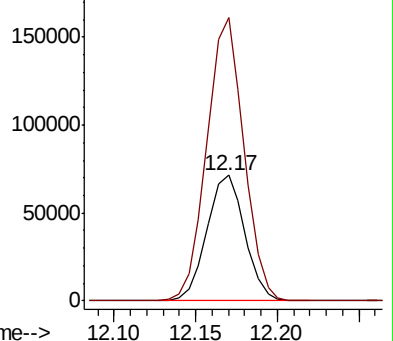
106 100

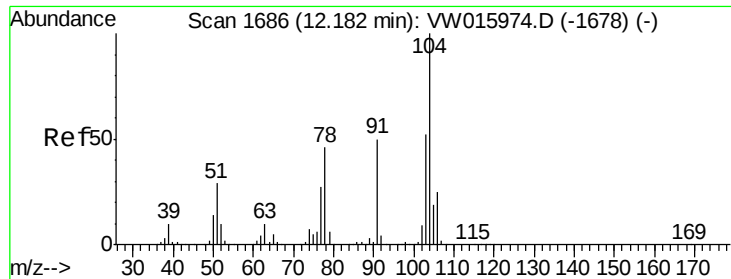
91 225.3 146.8 272.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Stvrene

Concen: 0.469 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

Instrument :

MSVOA_W

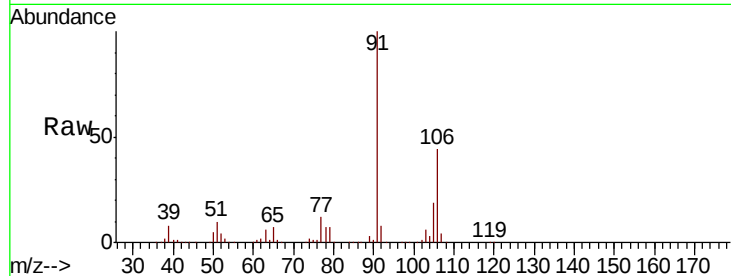
ClientSampleId :

Tot Ion:104 Resp: 6905

Ion Ratio Lower Upper

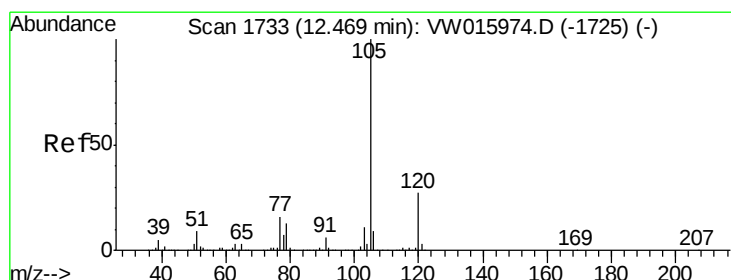
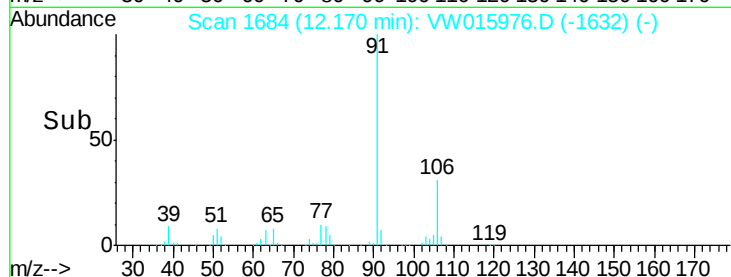
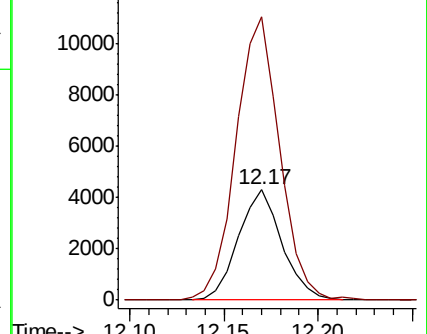
104 100

78 256.8 32.0 59.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV



#57

Isopropylbenzene

Concen: 14.161 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015976.D

Acq: 28 Jul 2020 11:32

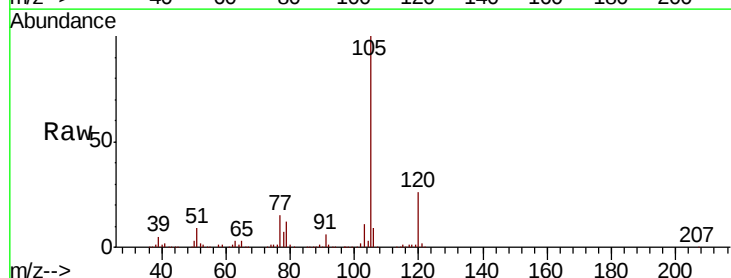
Tgt Ion:105 Resp: 333802

Ion Ratio Lower Upper

105 100

120 26.1 20.4 30.6

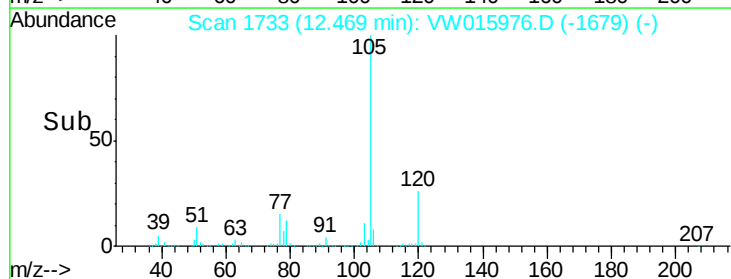
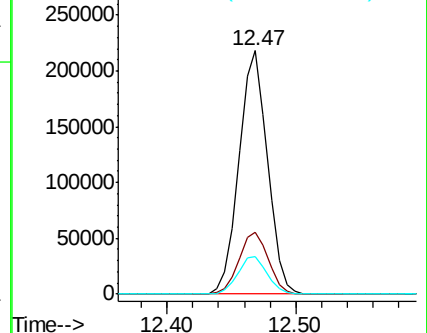
77 15.9 12.9 19.3

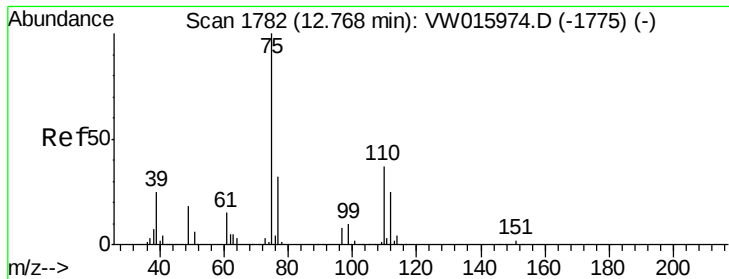


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV

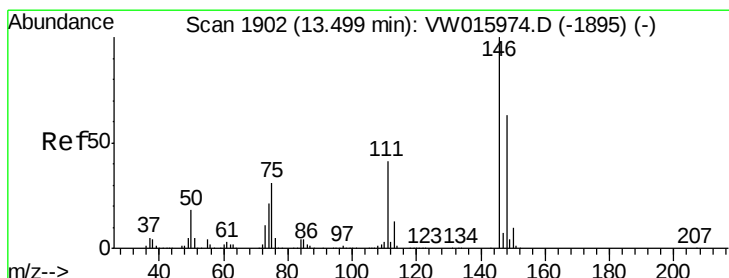
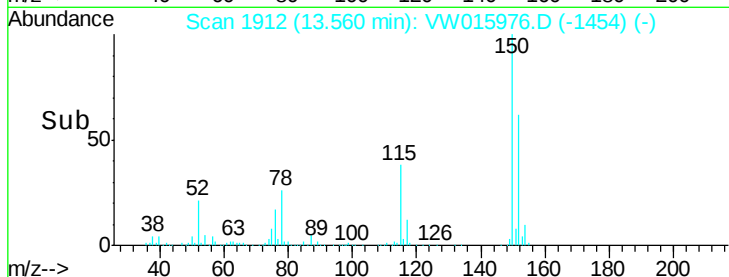
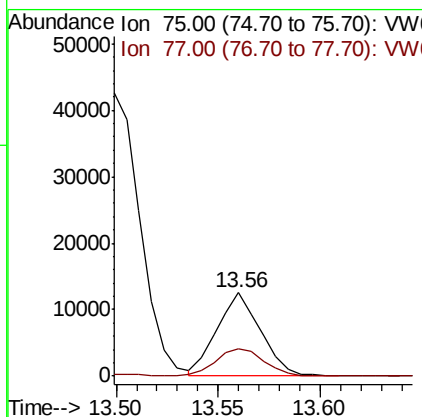
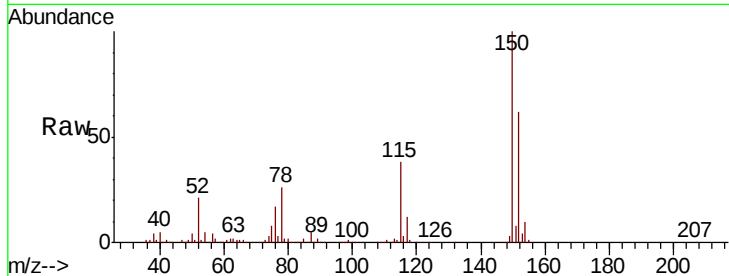




#59
 1,2,3-Trichloropropane
 Concen: 5.724 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW015976.D
 Acq: 28 Jul 2020 11:32

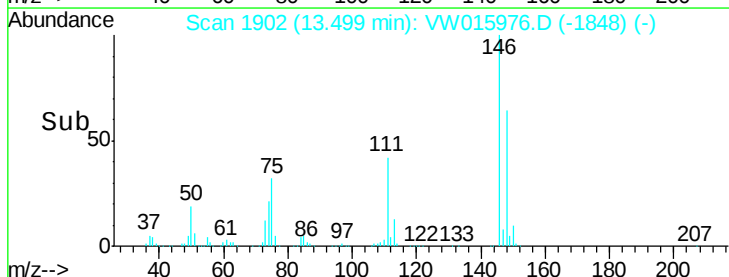
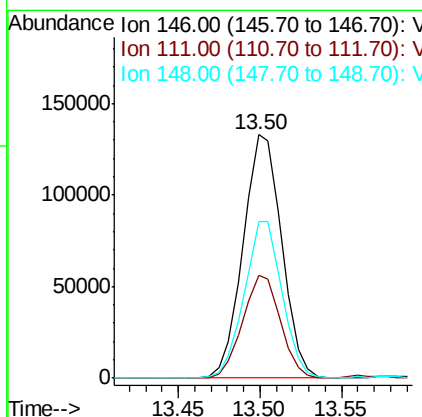
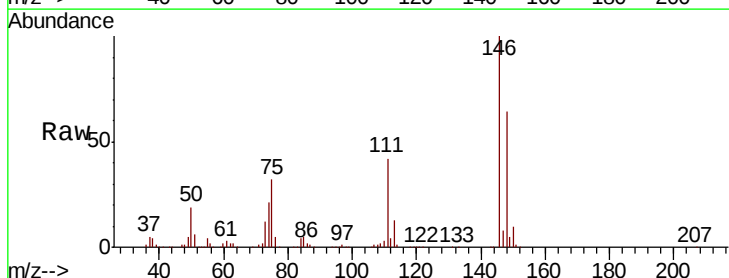
Instrument :
 MSVOA_W
 ClientSampled :

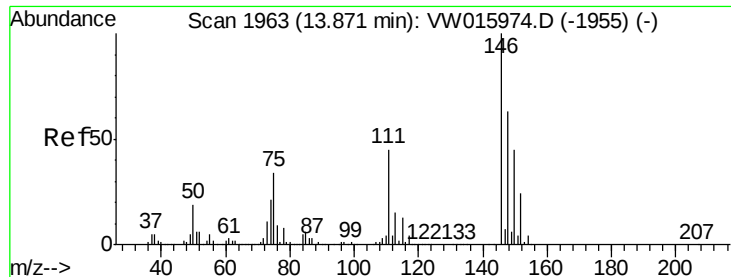
Tot Ion: 75 Resp: 18696
 Ion Ratio Lower Upper
 75 100
 77 37.0 26.0 39.0



#63
 1,3-Dichlorobenzene
 Concen: 22.453 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015976.D
 Acq: 28 Jul 2020 11:32

Tgt Ion: 146 Resp: 219495
 Ion Ratio Lower Upper
 146 100
 111 42.2 27.9 51.7
 148 64.1 43.2 80.2

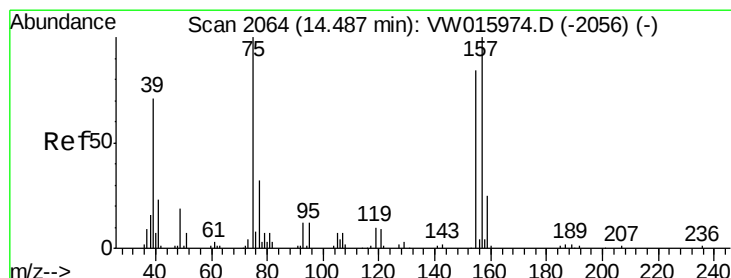
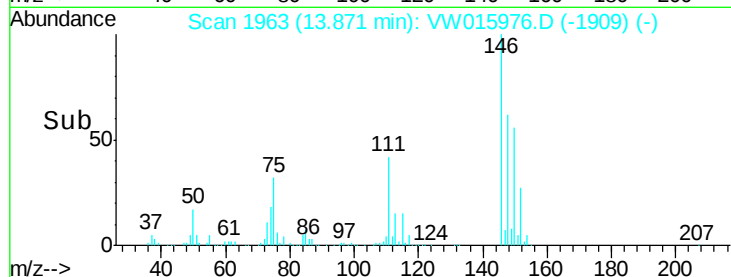
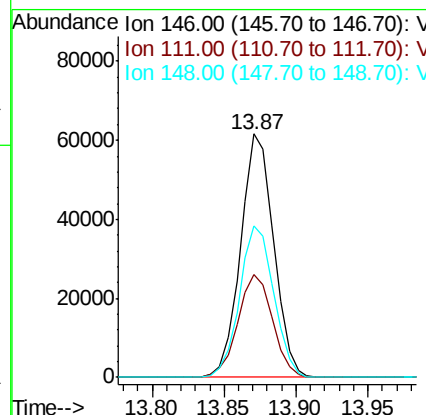
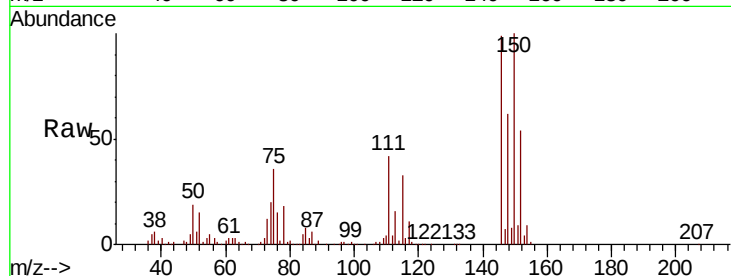




#65
 1,2-Dichlorobenzene
 Concen: 11.068 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015976.D
 Acq: 28 Jul 2020 11:32

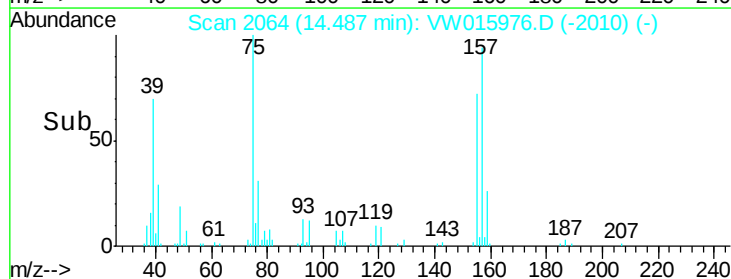
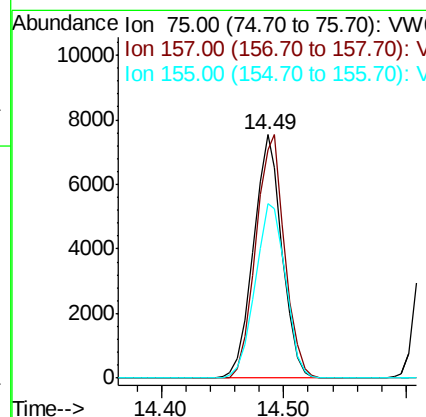
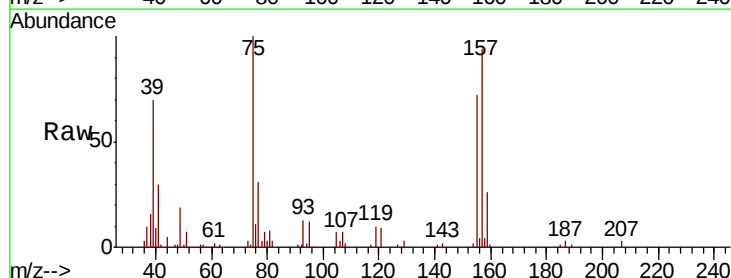
Instrument :
 MSVOA_W
 ClientSampleId :

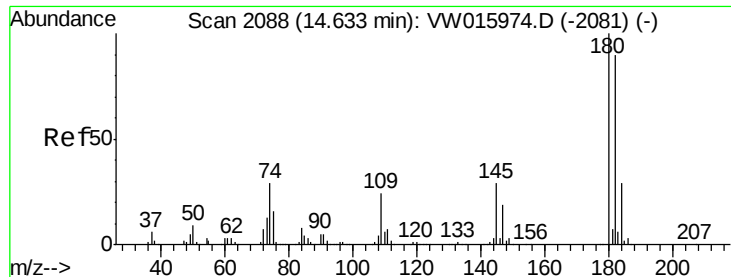
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	32.9	49.3
148	62.3	48.8	73.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 18.255 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015976.D
 Acq: 28 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
157	94.0	83.0	124.4
155	71.9	66.9	100.3

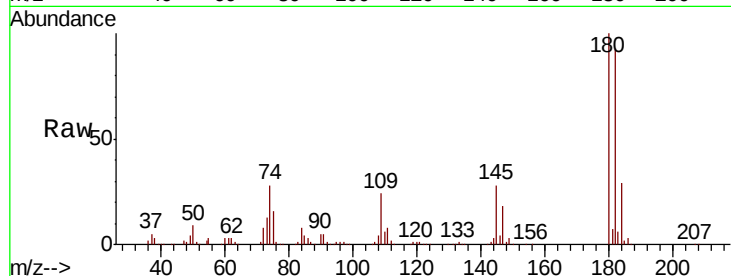




#67
 1,3,5-Trichlorobenzene
 Concen: 28.485 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VW015976.D
 Acq: 28 Jul 2020 11:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	180	Resp:	195798
Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.4	113.0
184	28.8	24.6	37.0
145	29.5	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): V
 200000
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

