

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015373.D
 Acq On : 28 Apr 2020 20:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 02:07:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 02:04:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	359871	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330178	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	181601	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65809	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
7) Chloroethane-d5	2.89	69	68582	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
10) 1,1-Dichloroethene-d2	4.02	63	155214	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.76%
20) 2-Butanone-d5	7.07	46	43875	54.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.96%
24) Chloroform-d	7.65	84	186281	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.30	65	97305	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.56%
29) Benzene-d6	8.27	84	355685	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	9.27	67	99846	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.32	98	361022	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	10.58	79	51562	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	10.92	63	40592	52.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94223	26.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	152699	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	78868	23.266	ug/L	94
3) Chloromethane	2.21	50	65622	23.643	ug/L	99
5) Vinyl chloride	2.37	62	98235	29.311	ug/L	97
6) Bromomethane	2.78	94	81476	25.865	ug/L	99
8) Chloroethane	2.93	64	65964	25.364	ug/L	99
9) Trichlorofluoromethane	3.26	101	98150	25.006	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	108413	26.160	ug/L	99
12) 1,1-Dichloroethene	4.04	96	104341	25.772	ug/L	90
13) Acetone	4.12	43	32885	48.484	ug/L	98
14) Carbon disulfide	4.38	76	288205	26.079	ug/L	99
15) Methyl Acetate	4.67	43	36232	26.785	ug/L	100
16) Methylene chloride	4.91	84	107225	23.396	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	164149	27.417	ug/L #	90
18) trans-1,2-Dichloroethene	5.42	96	113641	25.619	ug/L	98
19) 1,1-Dichloroethane	6.21	63	177827	25.740	ug/L	97
21) 2-Butanone	7.16	43	51811	50.506	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	123845	25.855	ug/L	100

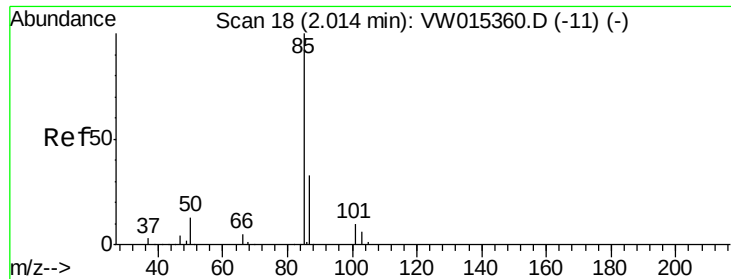
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 02:04:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	60777	26.427	ug/L	97
25) Chloroform	7.67	83	204085	25.971	ug/L	99
27) 1,2-Dichloroethane	8.40	62	131732	26.432	ug/L	99
30) Cyclohexane	7.95	56	160061	25.321	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	183683	25.859	ug/L	100
32) Carbon tetrachloride	8.07	117	174753	25.442	ug/L	98
34) Benzene	8.32	78	434174	25.656	ug/L	100
35) Trichloroethene	9.09	95	124621	25.597	ug/L	99
36) Methylcyclohexane	9.34	83	210310	25.624	ug/L	99
40) 1,2-Dichloropropane	9.37	63	99489	25.906	ug/L	100
41) Bromodichloromethane	9.65	83	152944	26.018	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	178641	26.568	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	120782	46.639	ug/L	99
44) Toluene	10.38	91	510708	26.004	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	157353	26.328	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	88075	26.721	ug/L	98
47) Tetrachloroethene	10.86	164	120301	25.900	ug/L	97
49) 2-Hexanone	10.97	43	79883	56.340	ug/L	99
50) Dibromochloromethane	11.13	129	117085	26.266	ug/L	99
51) 1,2-Dibromoethane	11.23	107	89189	27.140	ug/L	100
52) Chlorobenzene	11.66	112	344285	26.011	ug/L	96
53) Ethylbenzene	11.73	91	595014	26.195	ug/L	98
54) m,p-Xylene	11.83	106	232072	25.809	ug/L	99
55) o-xylene	12.16	106	225578	26.149	ug/L	99
56) Styrene	12.18	104	387397	26.748	ug/L	97
57) Isopropylbenzene	12.46	105	627571	26.718	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	102659	28.002	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	74390	27.823	ug/L	98
62) Bromoform	12.35	173	80895	27.106	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	297257	25.760	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	295177	25.855	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	268792	25.946	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	18349	27.072	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	226686	25.411	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	190518	25.986	ug/L	98
69) Naphthalene	15.36	128	329310	26.866	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	164943	26.052	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 23.266 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

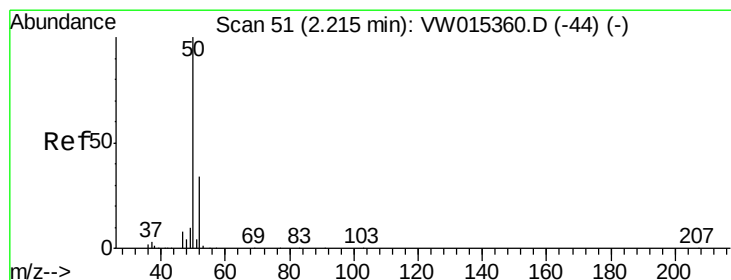
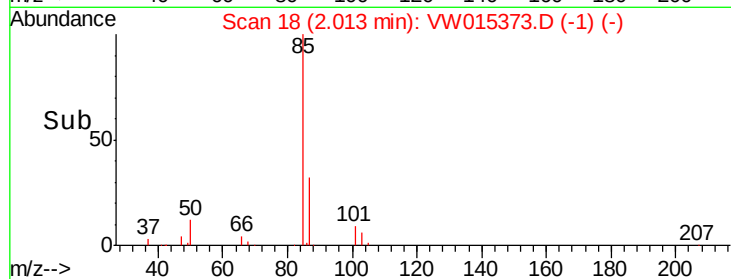
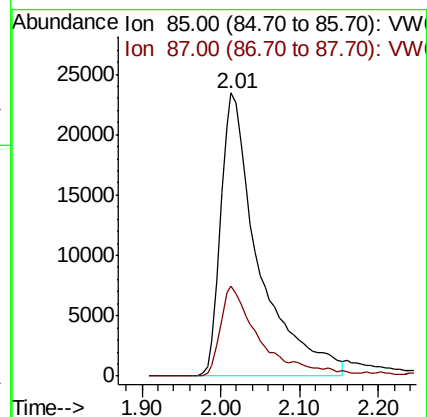
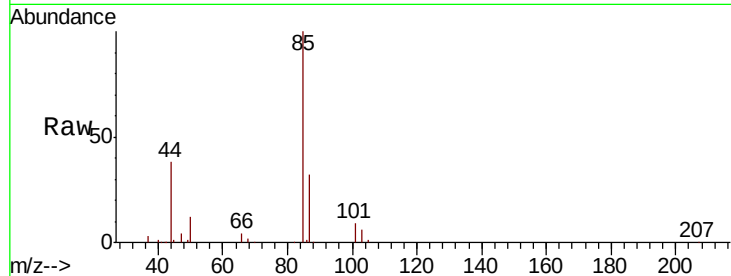
ClientSampleId :

Tot Ion: 85 Resp: 78868

Ion Ratio Lower Upper

85 100

87 28.7 22.5 41.9



#3

Chloromethane

Concen: 23.643 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015373.D

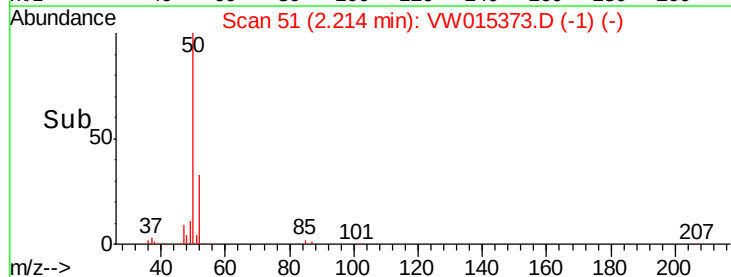
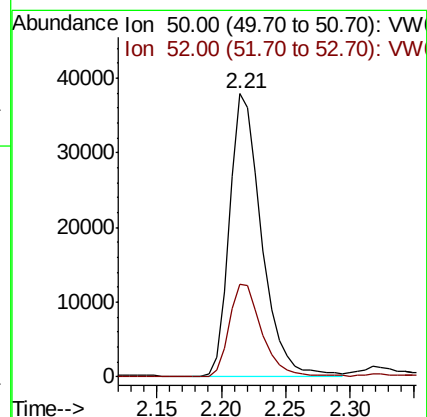
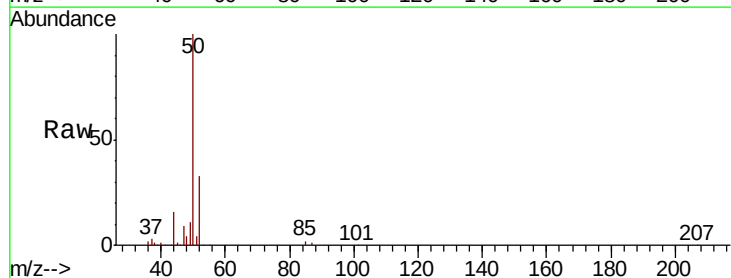
Acq: 28 Apr 2020 20:48

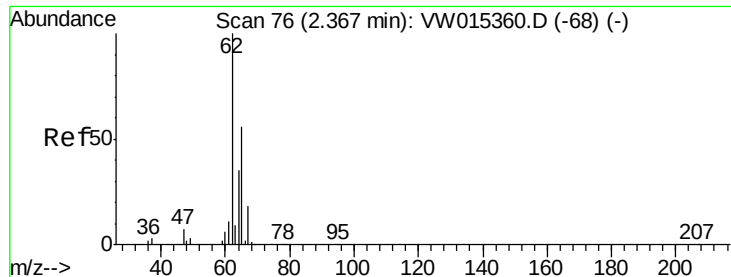
Tgt Ion: 50 Resp: 65622

Ion Ratio Lower Upper

50 100

52 32.9 23.6 43.8





#5

Vinyl chloride

Concen: 29.311 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

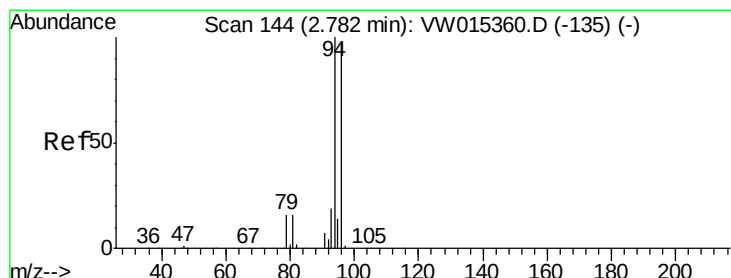
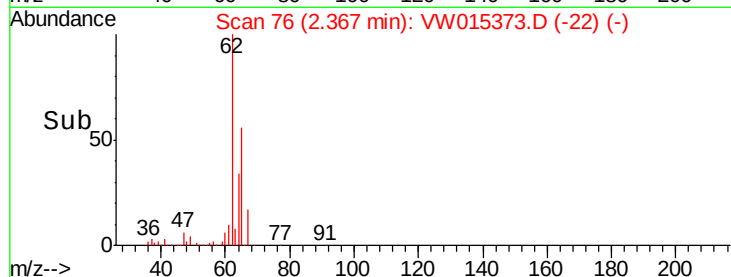
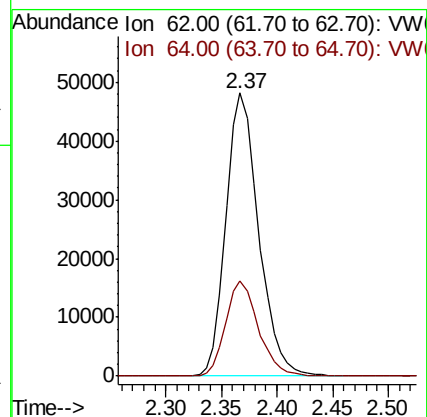
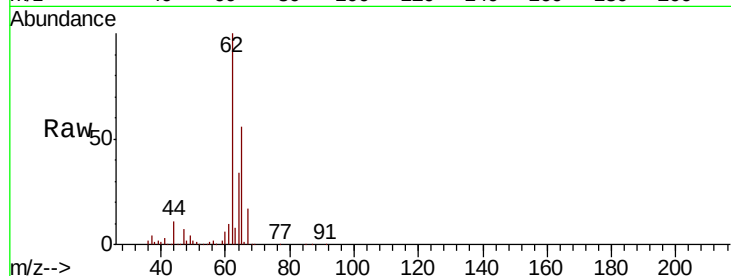
ClientSampled :

Tot Ion: 62 Resp: 98235

Ion Ratio Lower Upper

62 100

64 33.6 24.6 45.8



#6

Bromomethane

Concen: 25.865 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015373.D

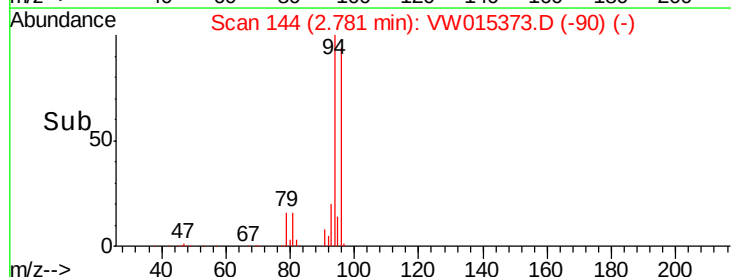
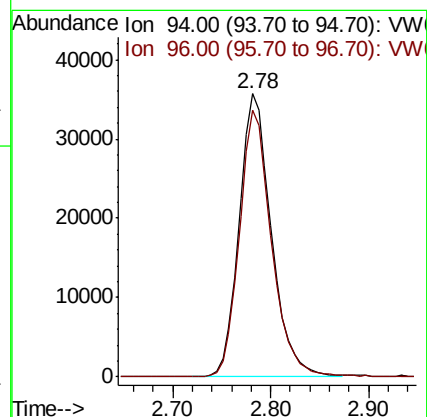
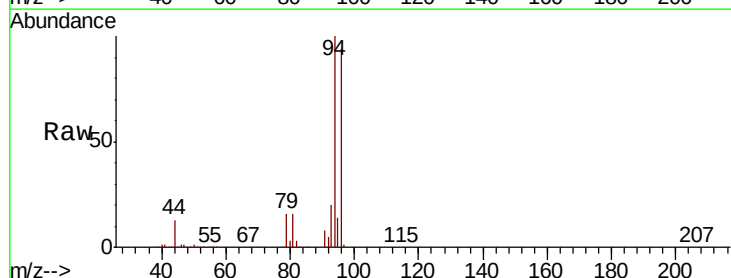
Acq: 28 Apr 2020 20:48

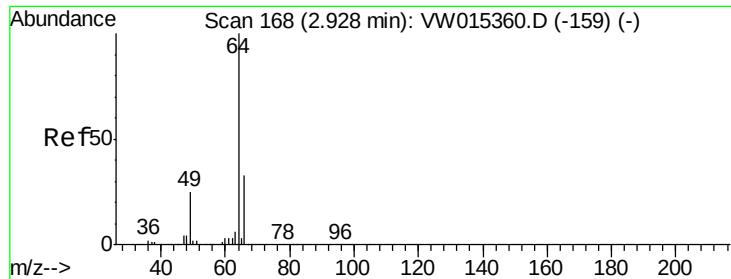
Tgt Ion: 94 Resp: 81476

Ion Ratio Lower Upper

94 100

96 94.0 9.5 180.1

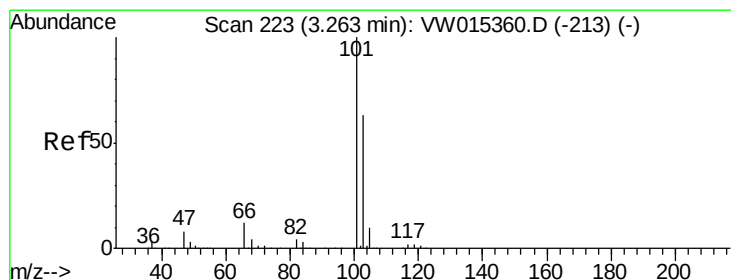
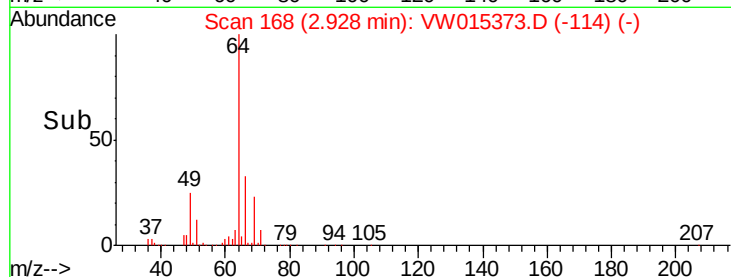
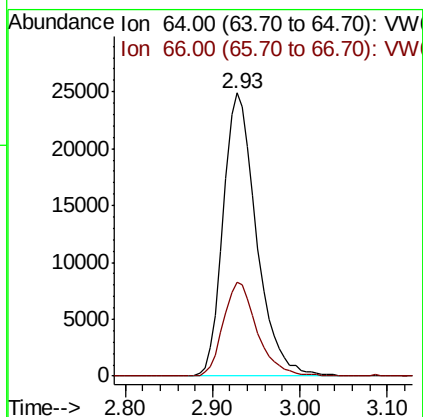
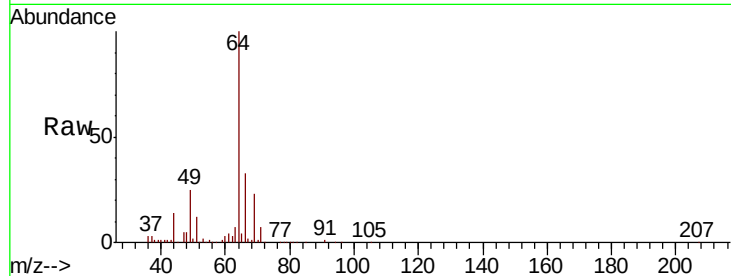




#8
Chloroethane
Concen: 25.364 ug/L
RT: 2.93 min Scan# 168
Delta R.T. -0.00 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

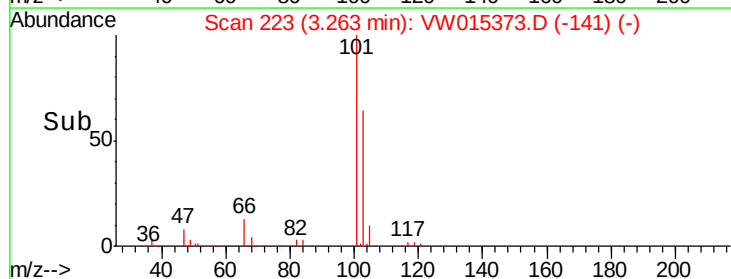
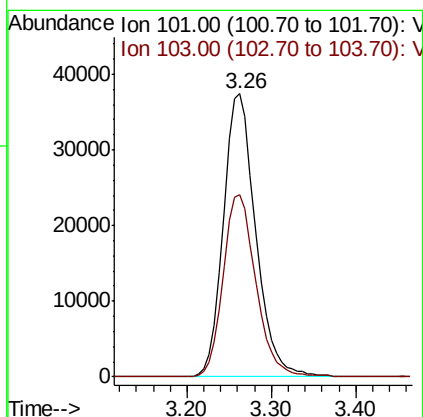
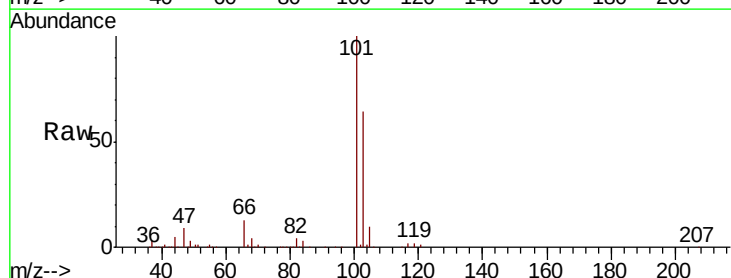
Instrument :
MSVOA_W
ClientSampleId :

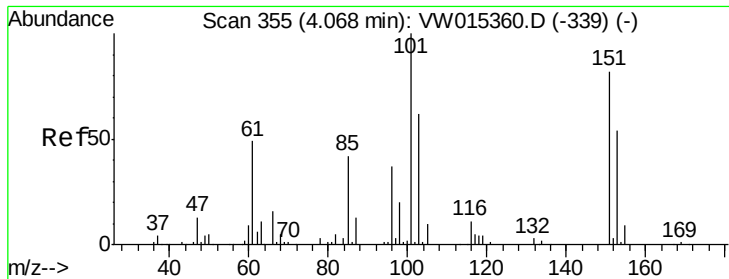
Tot Ion: 64 Resp: 65964
Ion Ratio Lower Upper
64 100
66 33.1 23.5 43.7



#9
Trichlorofluoromethane
Concen: 25.006 ug/L
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

Tgt Ion:101 Resp: 98150
Ion Ratio Lower Upper
101 100
103 65.0 45.4 84.4





#11

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

Concen: 26.160 ug/L

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

ClientSampleId :

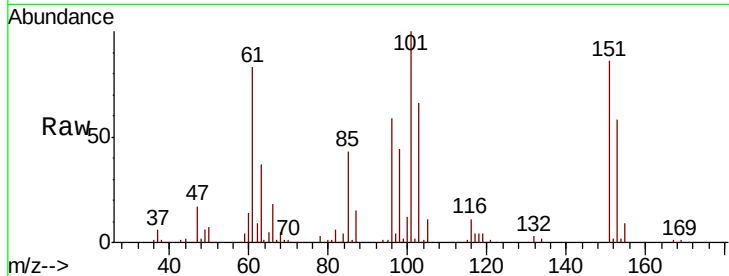
Tot Ion:101 Resp: 108413

Ion Ratio Lower Upper

101 100

85 42.1 32.5 48.7

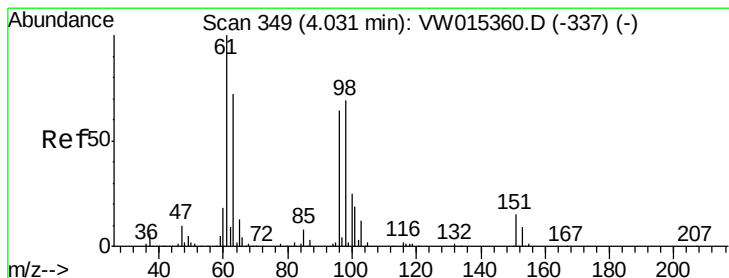
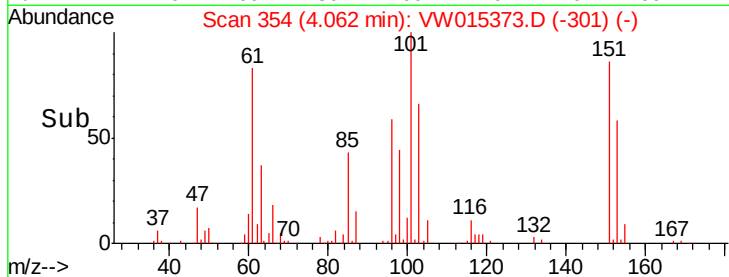
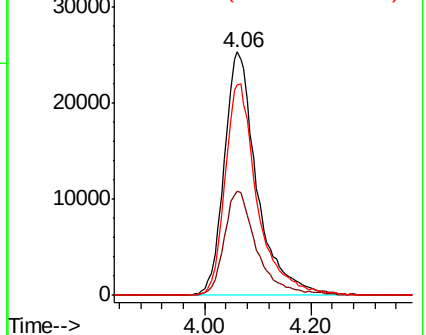
151 84.5 68.2 102.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 25.772 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

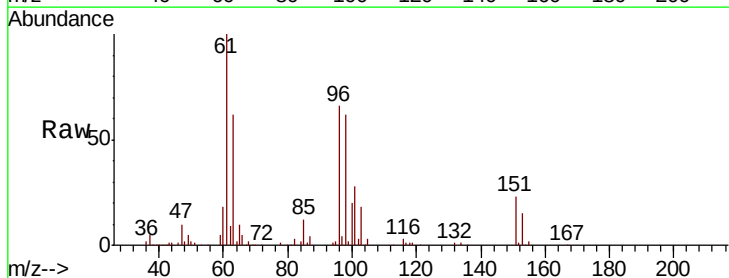
Tgt Ion: 96 Resp: 104341

Ion Ratio Lower Upper

96 100

61 150.6 109.1 202.7

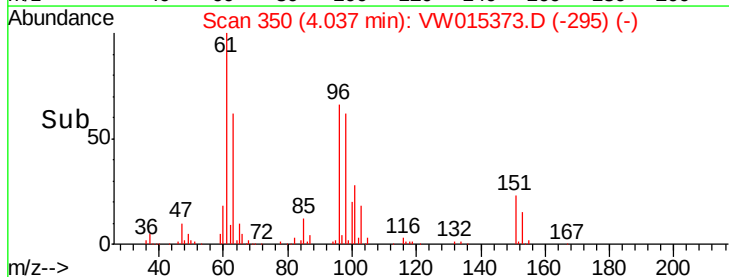
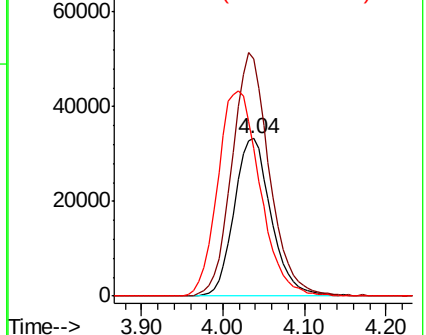
63 93.8 79.2 147.2

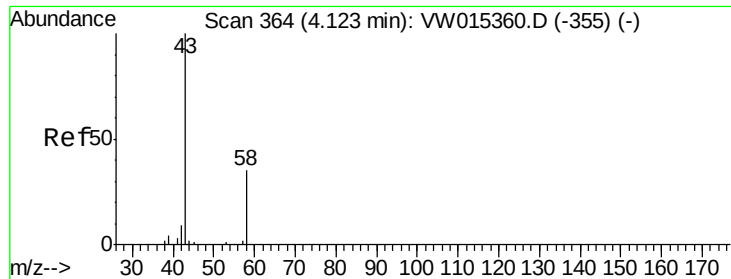


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 48.484 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

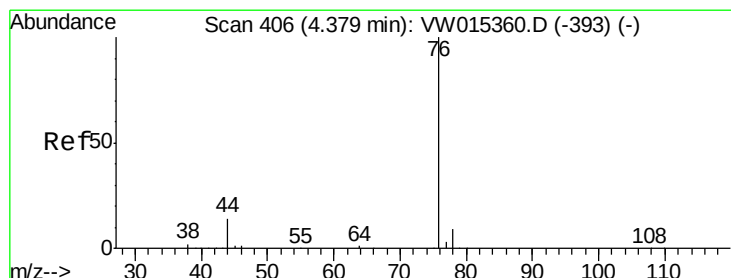
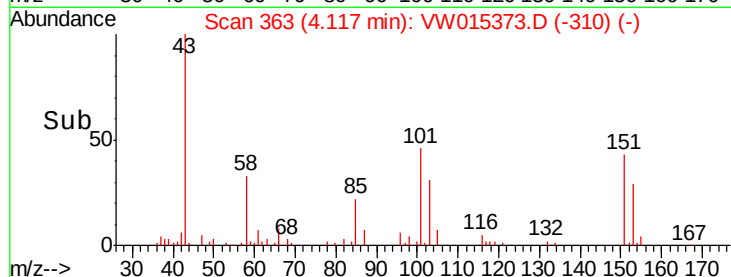
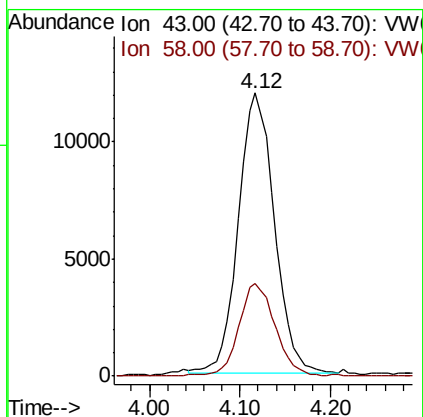
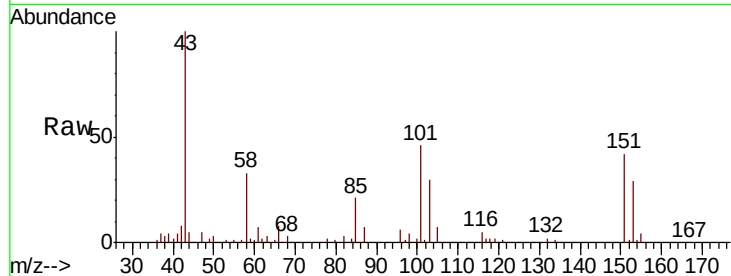
ClientSampleId :

Tot Ion: 43 Resp: 32885

Ion Ratio Lower Upper

43 100

58 33.1 0.0 68.0



#14

Carbon disulfide

Concen: 26.079 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015373.D

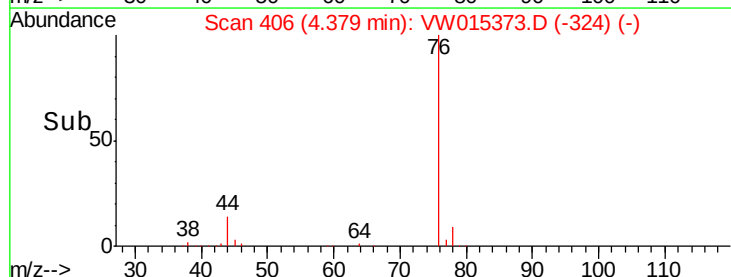
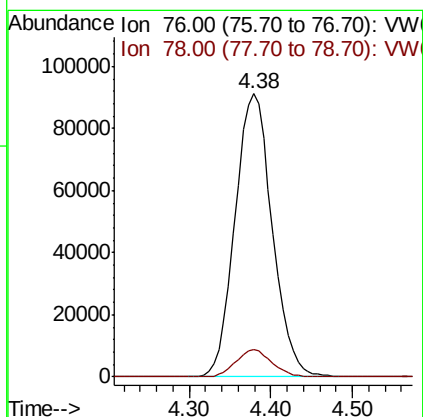
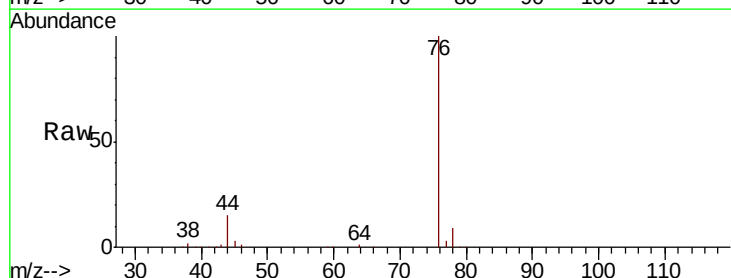
Acq: 28 Apr 2020 20:48

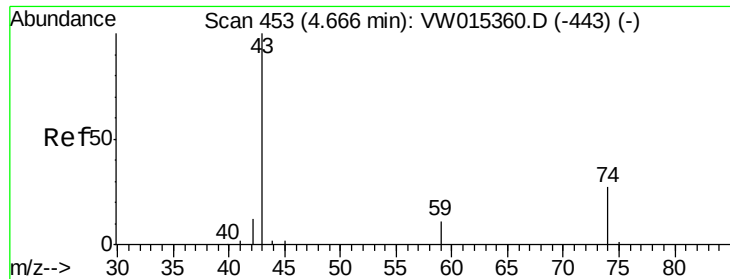
Tgt Ion: 76 Resp: 288205

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

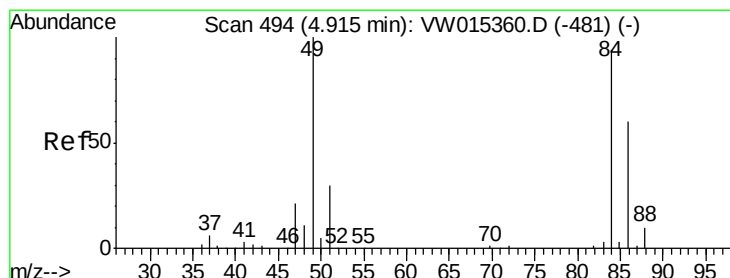
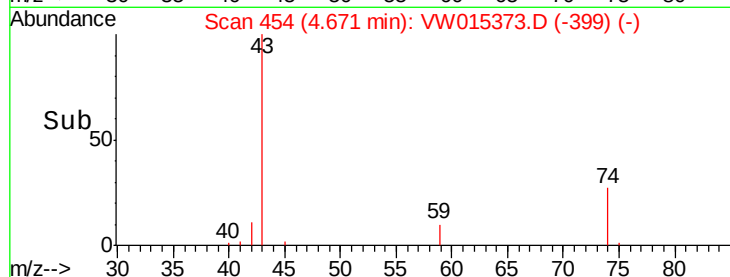
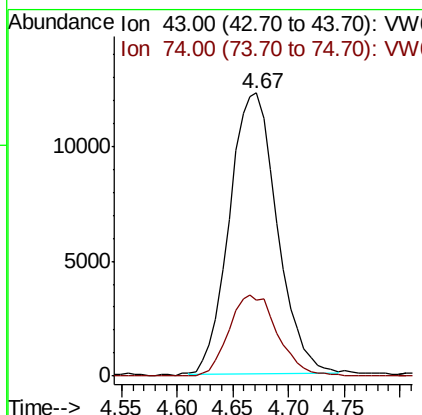
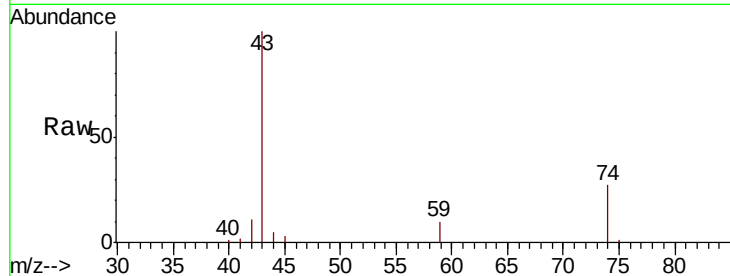




#15
Methvl Acetate
Concen: 26.785 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

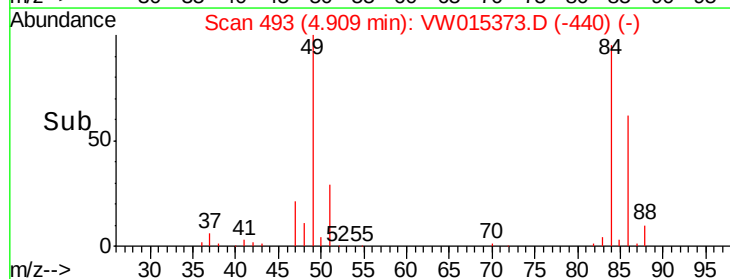
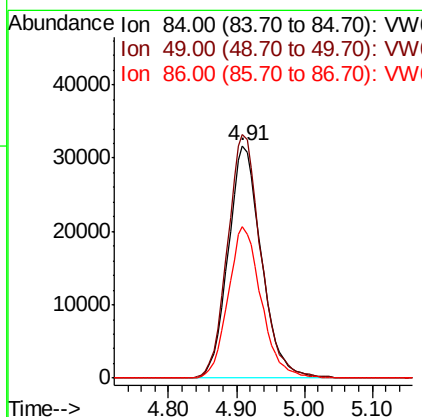
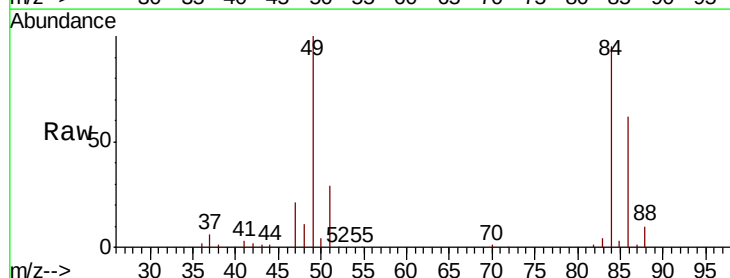
Instrument :
MSVOA_W
ClientSampled :

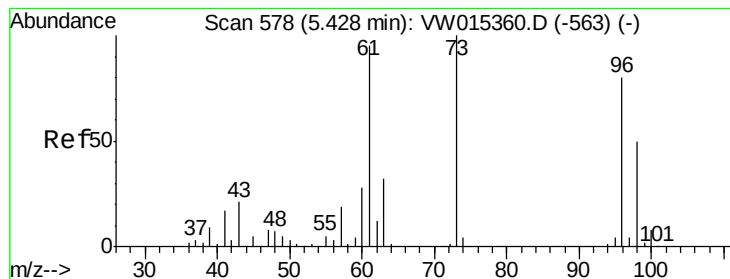
Tot Ion: 43 Resp: 36232
Ion Ratio Lower Upper
43 100
74 29.5 23.5 35.3



#16
Methylene chloride
Concen: 23.396 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

Tgt Ion: 84 Resp: 107225
Ion Ratio Lower Upper
84 100
49 104.8 74.6 138.6
86 65.0 44.6 82.8



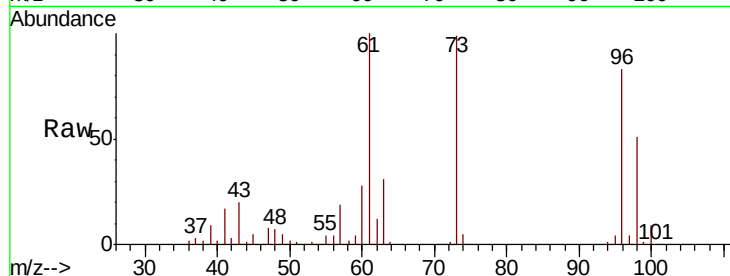


#17

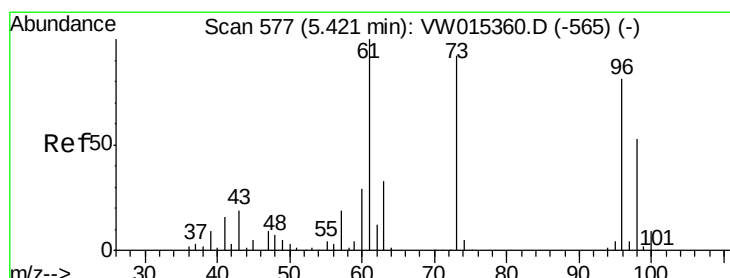
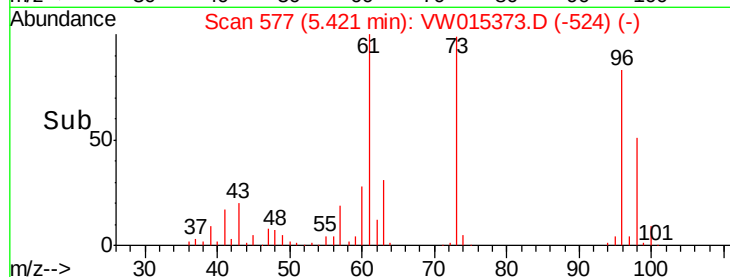
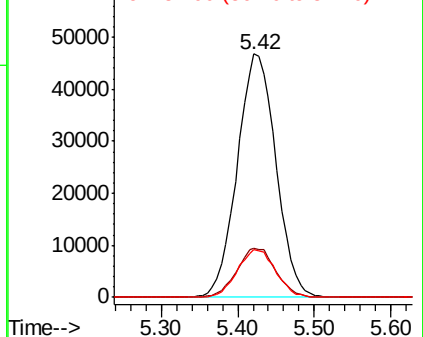
Methyl tert-butyl Ether
 Concen: 27.417 ug/L
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 73 Resp: 164149
 Ion Ratio Lower Upper
 73 100
 43 12.2 16.7 25.1#
 57 19.5 15.9 23.9



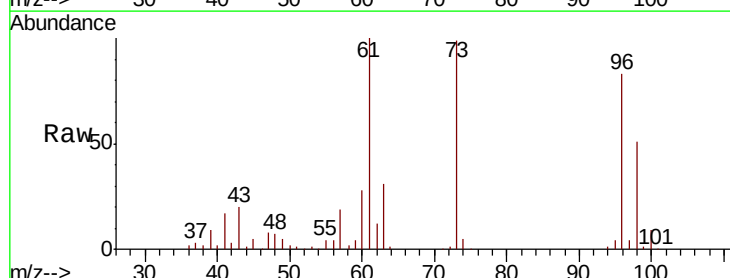
Abundance Ion 73.00 (72.70 to 73.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 57.00 (56.70 to 57.70): VW



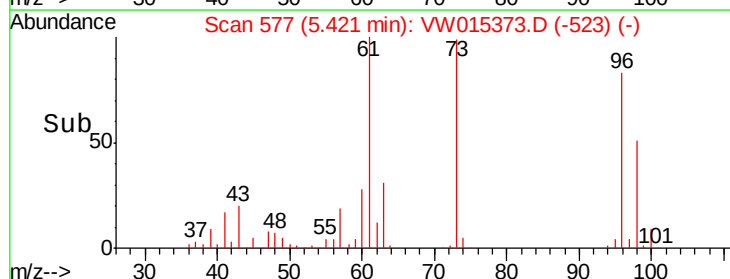
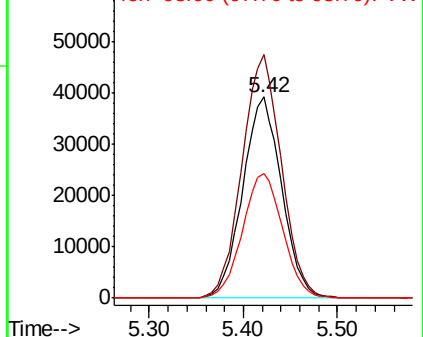
#18

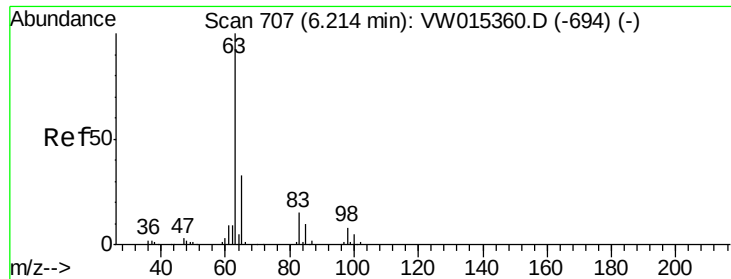
trans-1,2-Dichloroethene
 Concen: 25.619 ug/L
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Tgt Ion: 96 Resp: 113641
 Ion Ratio Lower Upper
 96 100
 61 121.2 86.4 160.4
 98 62.1 45.3 84.1



Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW

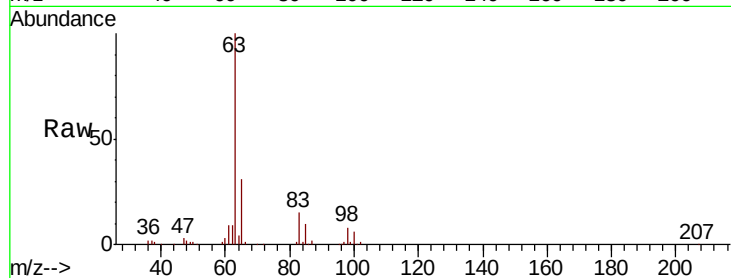




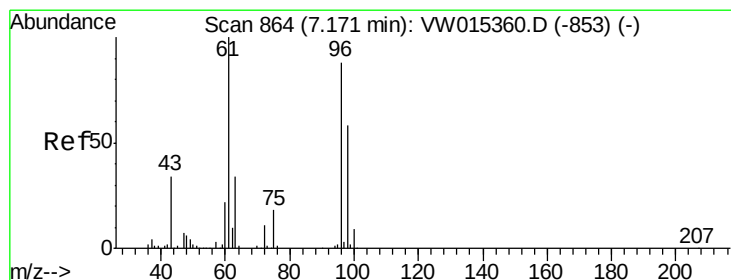
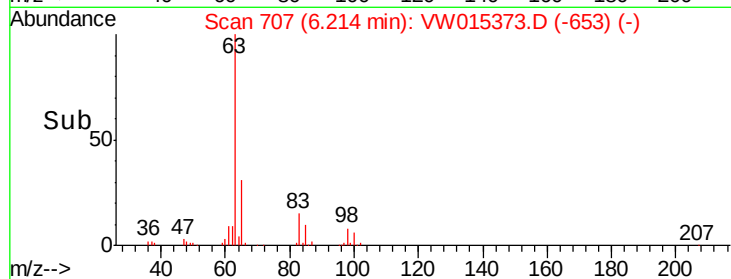
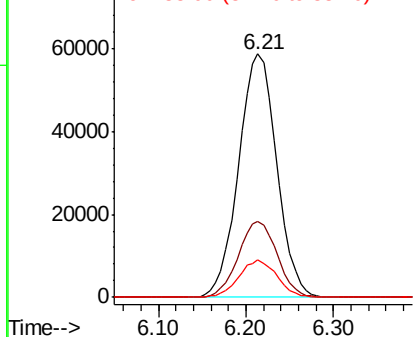
#19
 1,1-Dichloroethane
 Concen: 25.740 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 63 Resp: 177827
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.2 43.0
 83 15.5 10.4 19.4

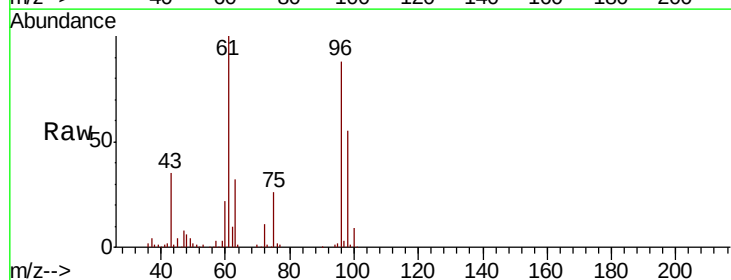


Abundance Ion 63.00 (62.70 to 63.70): VW
 Ion 65.00 (64.70 to 65.70): VW
 Ion 83.00 (82.70 to 83.70): VW

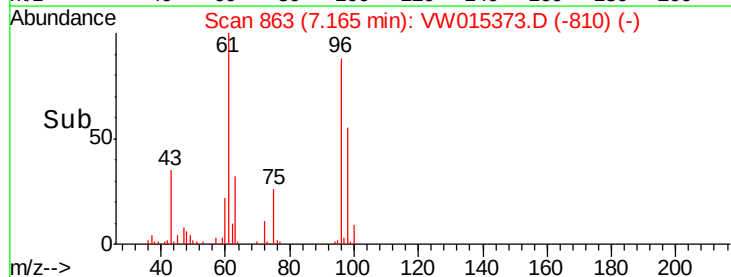
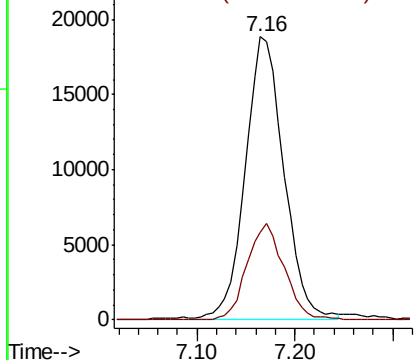


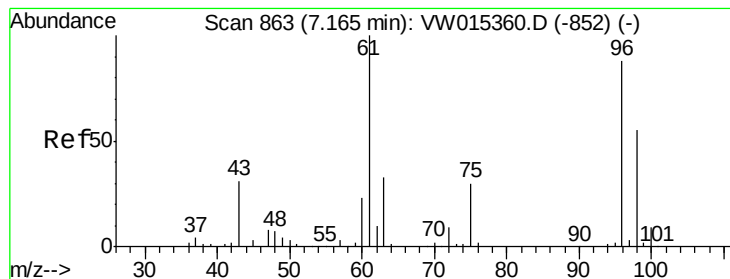
#21
 2-Butanone
 Concen: 50.506 ug/L
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Tgt Ion: 43 Resp: 51811
 Ion Ratio Lower Upper
 43 100
 72 32.6 16.0 47.9



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 72.00 (71.70 to 72.70): VW



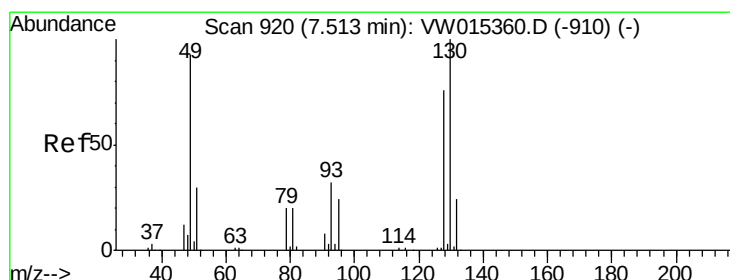
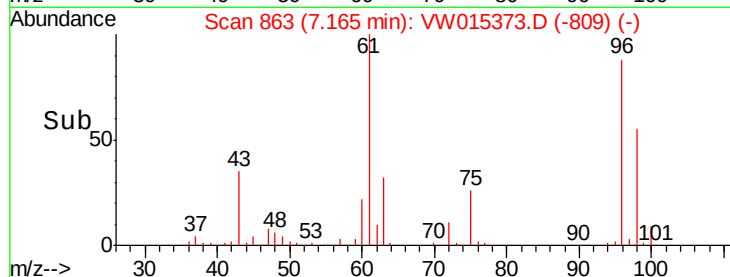
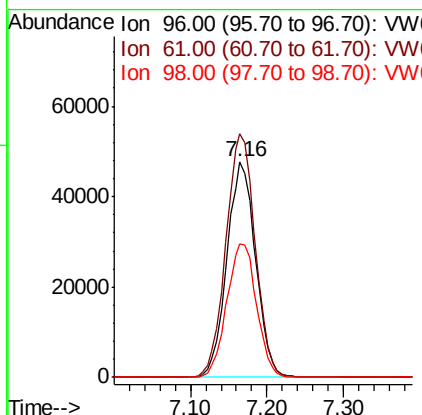
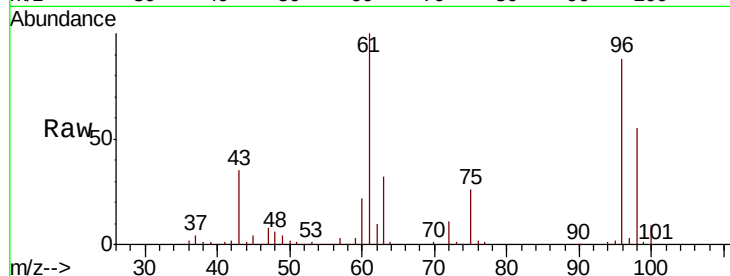


#22

cis-1,2-Dichloroethene
Concen: 25.855 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

Instrument :
MSVOA_W
ClientSampled :

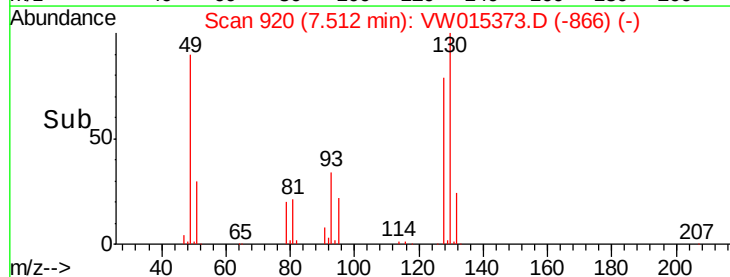
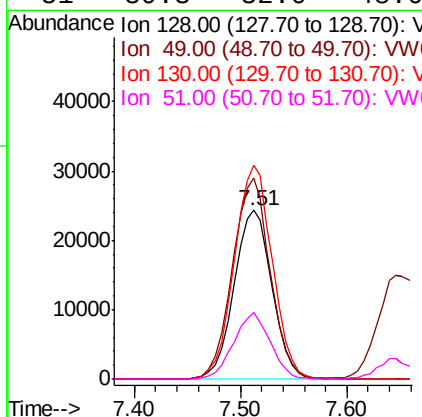
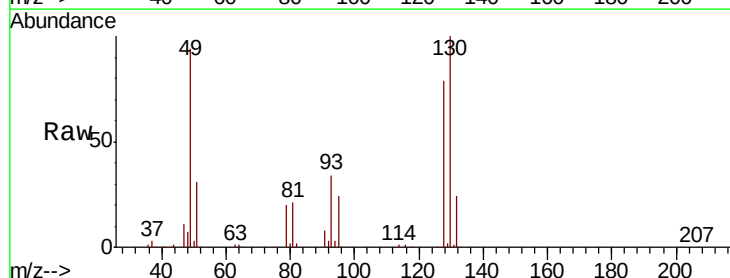
Tot Ion: 96 Resp: 123845
Ion Ratio Lower Upper
96 100
61 113.0 79.3 147.3
98 61.9 43.6 81.0

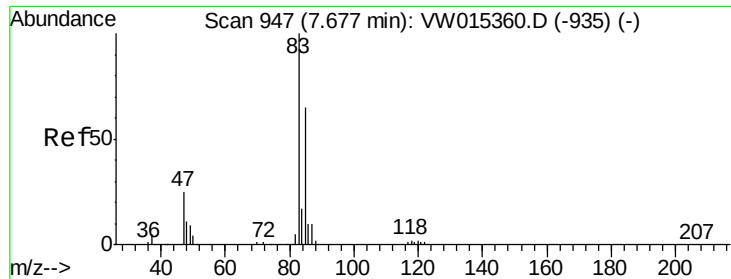


#23

Bromochloromethane
Concen: 26.427 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

Tgt Ion: 128 Resp: 60777
Ion Ratio Lower Upper
128 100
49 119.4 85.8 159.4
130 126.9 92.2 171.2
51 39.3 32.0 48.0





#25

Chloroform

Concen: 25.971 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

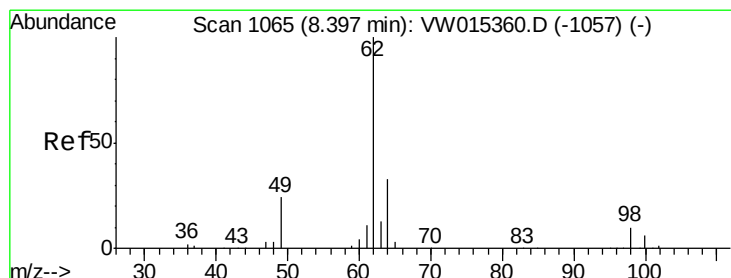
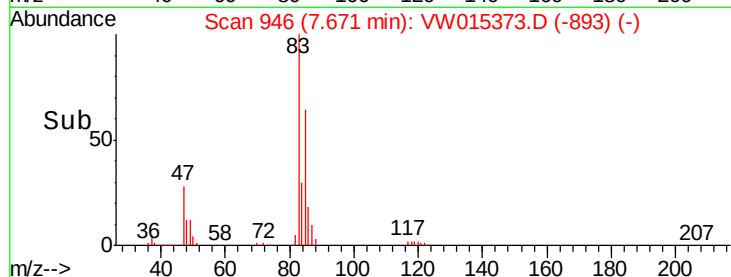
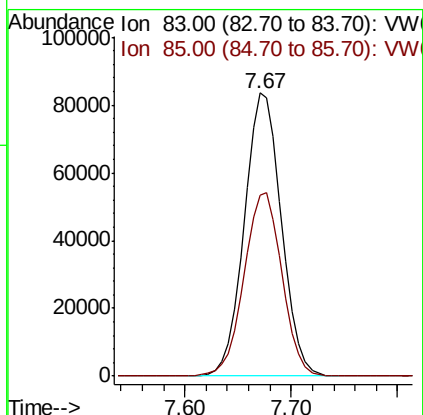
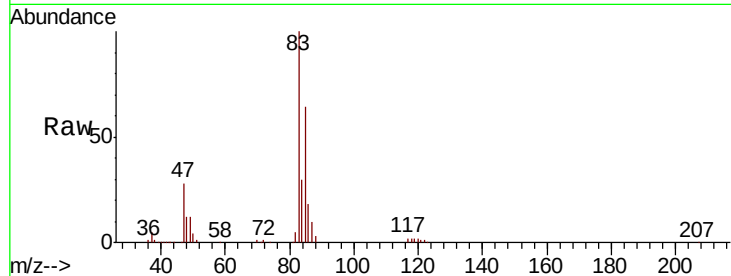
ClientSampleId :

Tot Ion: 83 Resp: 204085

Ion Ratio Lower Upper

83 100

85 66.3 46.1 85.5



#27

1,2-Dichloroethane

Concen: 26.432 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW015373.D

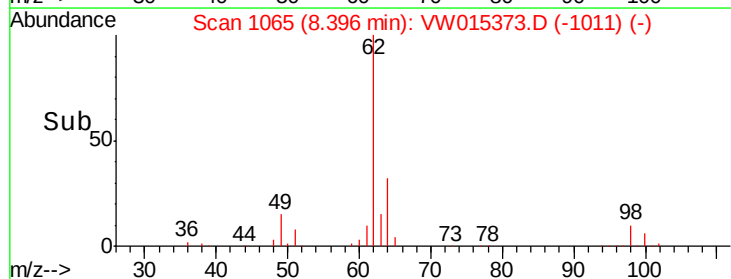
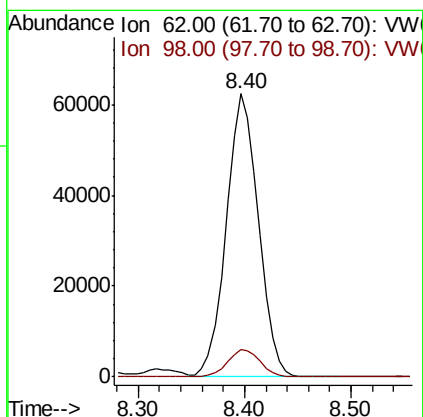
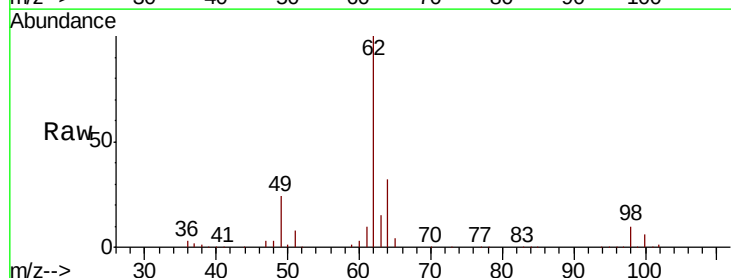
Acq: 28 Apr 2020 20:48

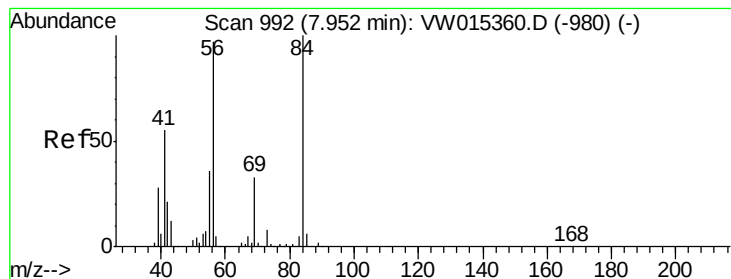
Tgt Ion: 62 Resp: 131732

Ion Ratio Lower Upper

62 100

98 9.7 7.9 11.9





#30

Cyclohexane

Concen: 25.321 ug/L

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

ClientSampled :

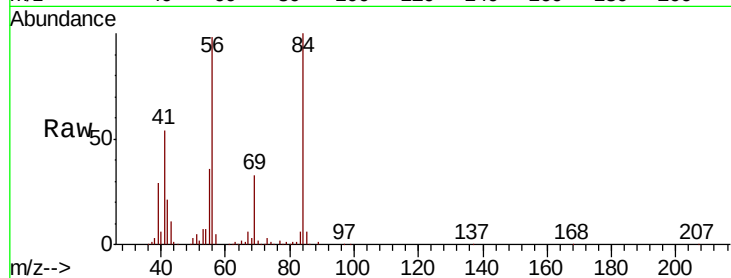
Tot Ion: 56 Resp: 160061

Ion Ratio Lower Upper

56 100

69 34.4 27.4 41.2

84 103.3 83.2 124.8

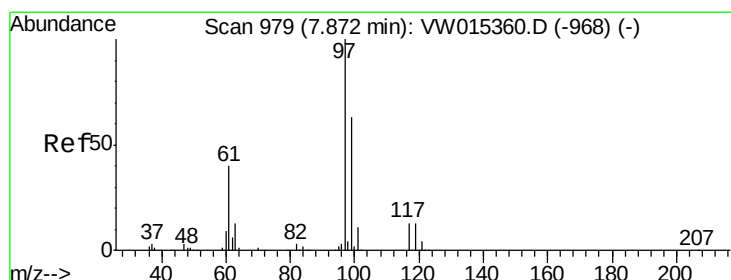
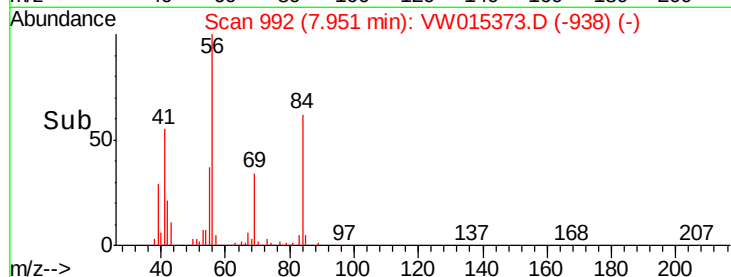
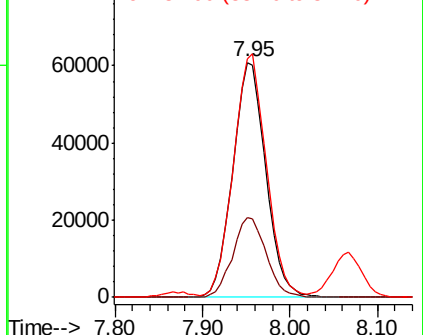


Abundance

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: 25.859 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

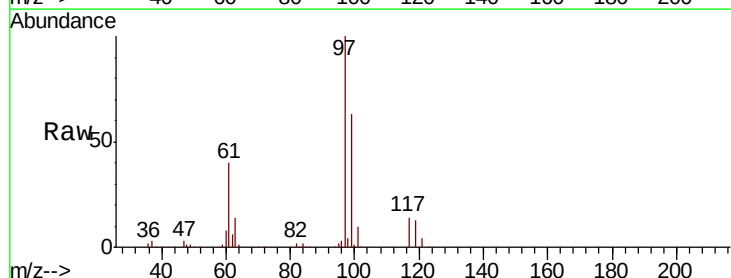
Tgt Ion: 97 Resp: 183683

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

61 41.0 32.8 49.2

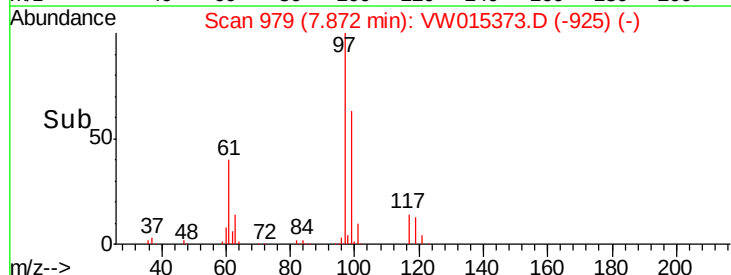
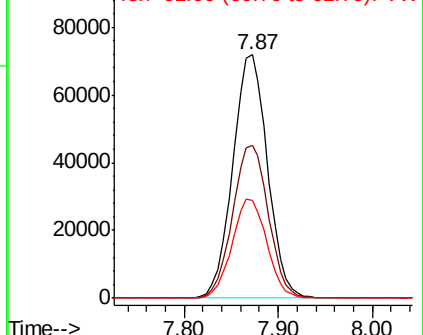


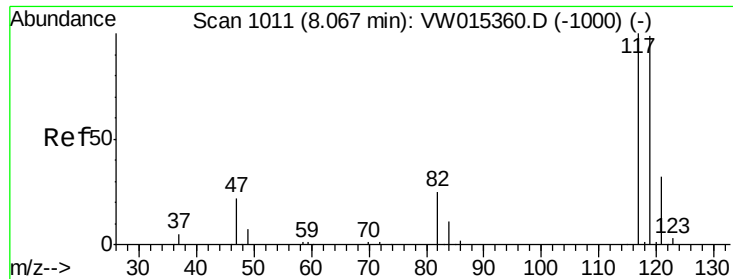
Abundance

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: 25.442 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

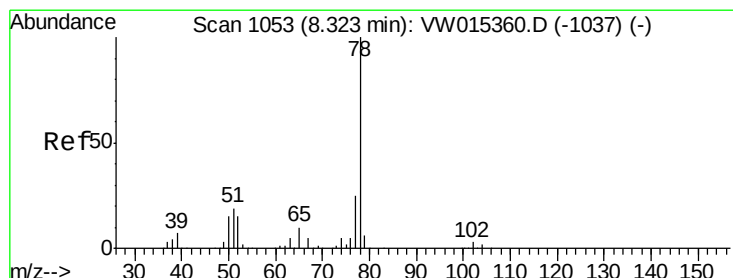
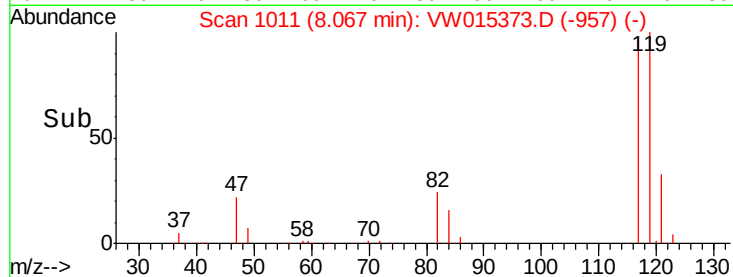
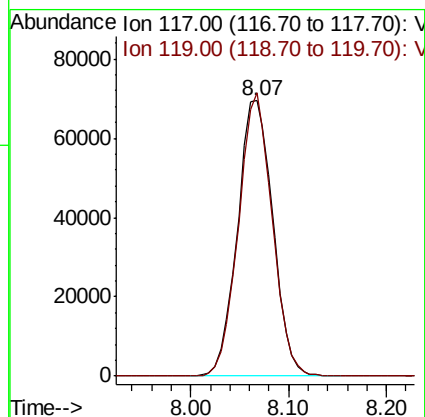
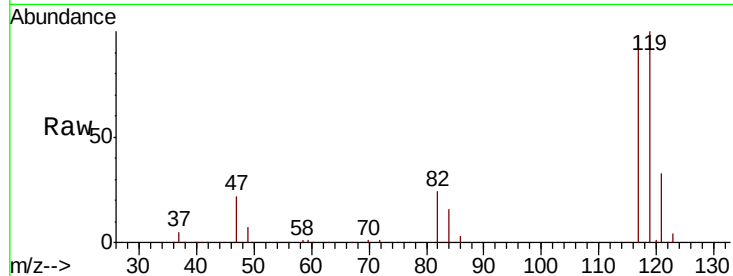
ClientSampleId :

Tot Ion:117 Resp: 174753

Ion Ratio Lower Upper

117 100

119 97.8 76.5 114.7



#34

Benzene

Concen: 25.656 ug/L

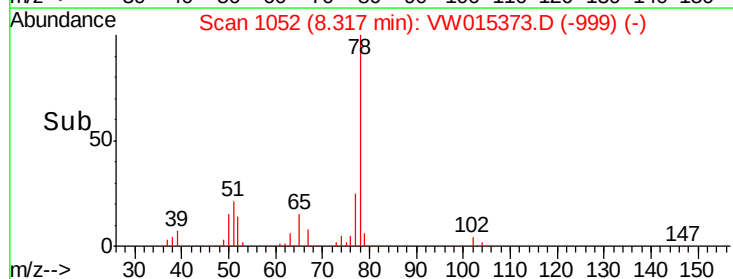
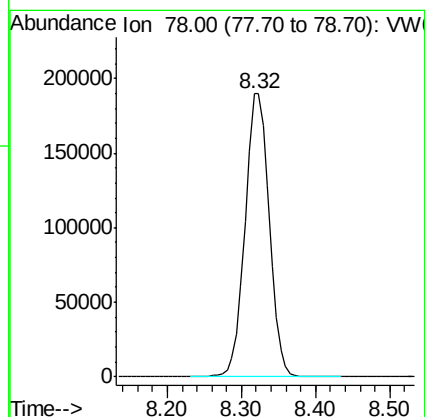
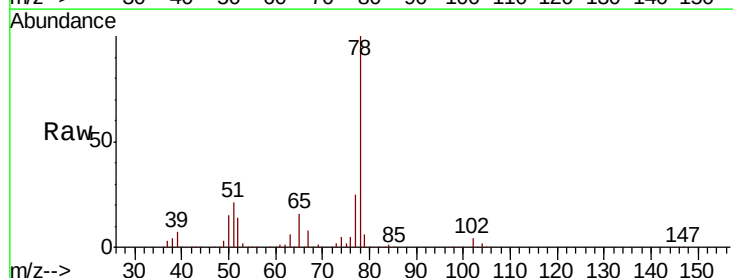
RT: 8.32 min Scan# 1052

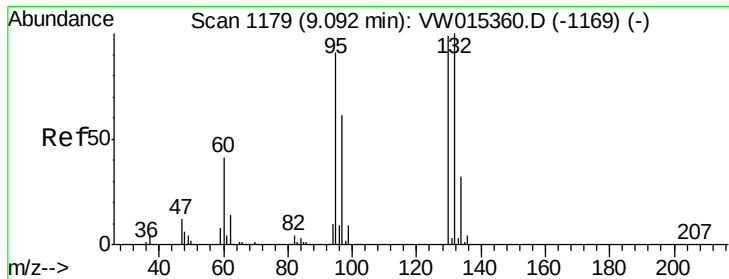
Delta R.T. -0.01 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Tgt Ion: 78 Resp: 434174





#35

Trichloroethene

Concen: 25.597 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 124621

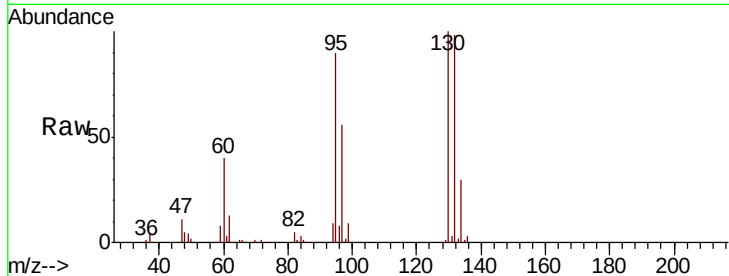
Ion Ratio Lower Upper

95 100

97 64.7 45.9 85.3

132 106.0 75.2 139.6

130 110.7 76.7 142.5

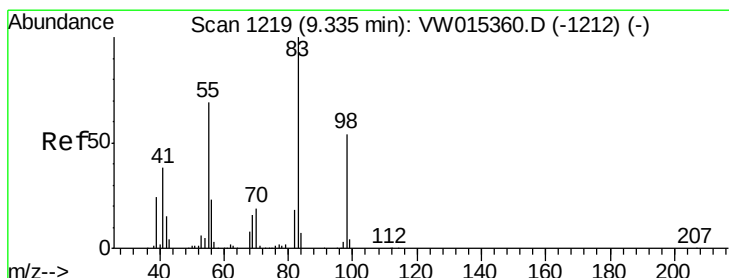
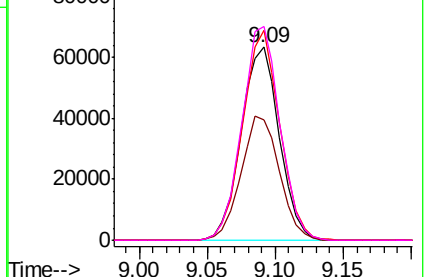
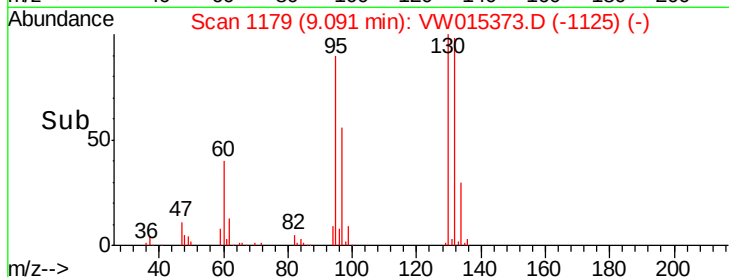


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 25.624 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

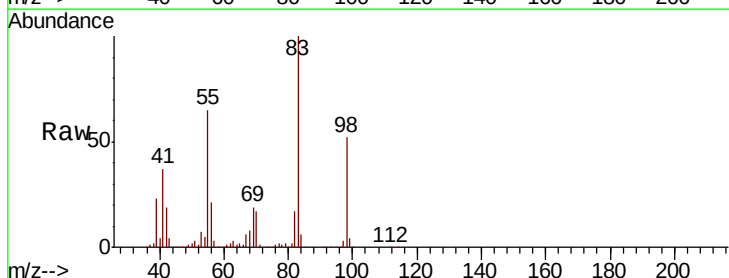
Tgt Ion: 83 Resp: 210310

Ion Ratio Lower Upper

83 100

55 66.5 53.7 80.5

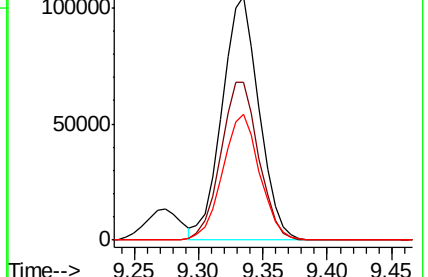
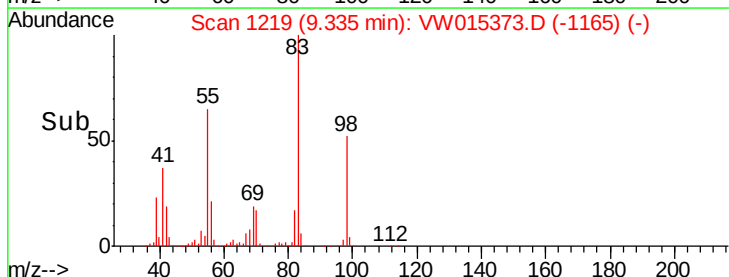
98 52.2 42.3 63.5

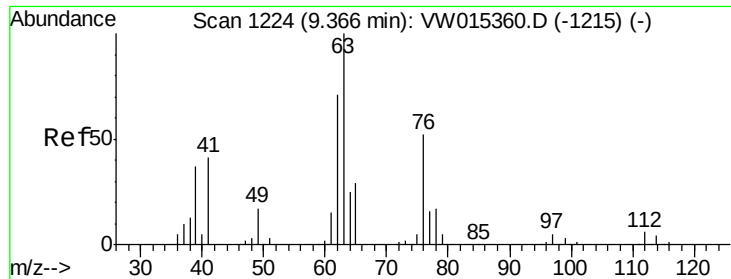


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

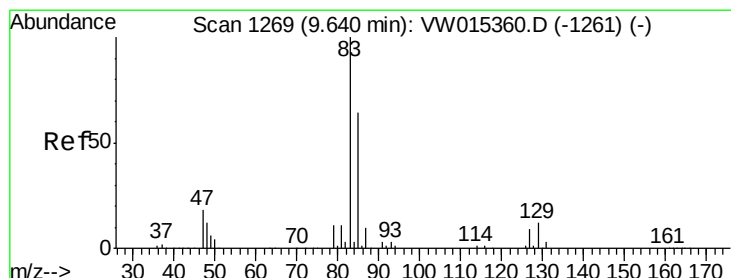
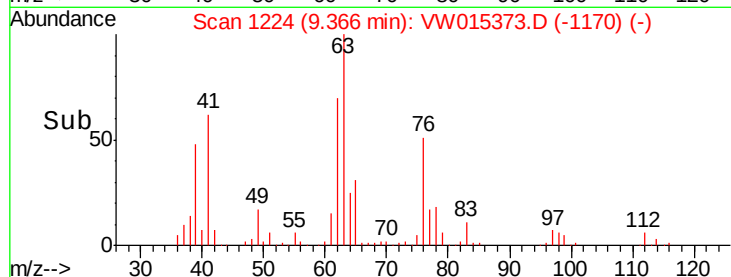
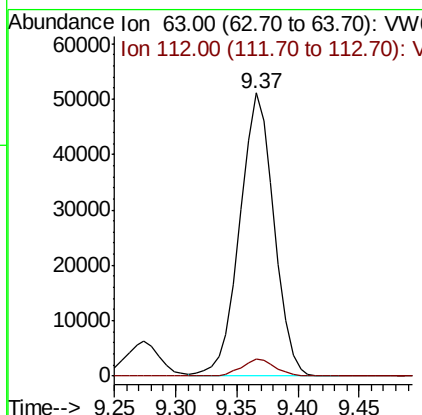
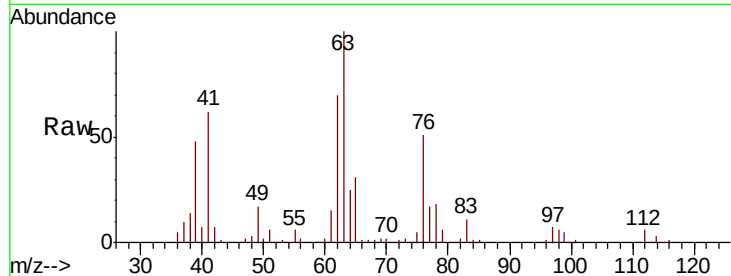




#40
 1,2-Dichloropropane
 Concen: 25.906 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

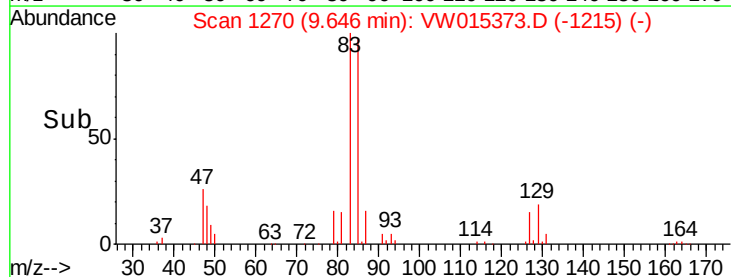
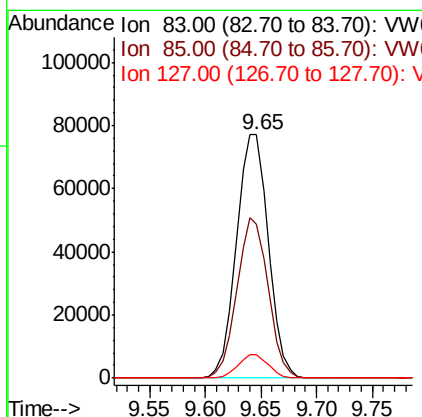
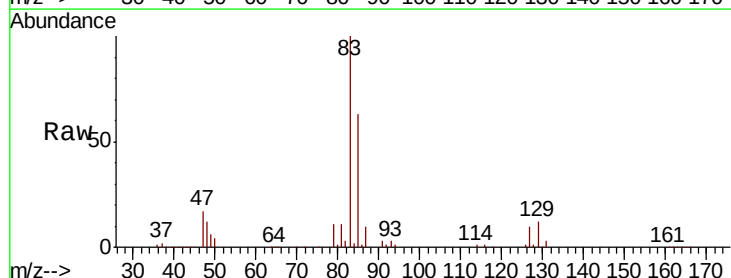
Instrument :
 MSVOA_W
 ClientSampled :

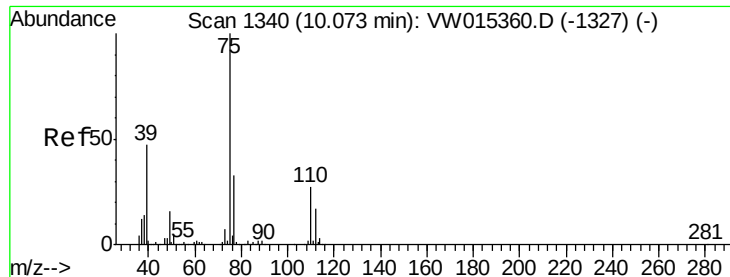
Tot Ion: 63 Resp: 99489
 Ion Ratio Lower Upper
 63 100
 112 5.8 4.6 6.8



#41
 Bromodichloromethane
 Concen: 26.018 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Tgt Ion: 83 Resp: 152944
 Ion Ratio Lower Upper
 83 100
 85 63.3 44.7 83.1
 127 9.7 7.0 10.6





#42

cis-1,3-Dichloropropene

Concen: 26.568 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

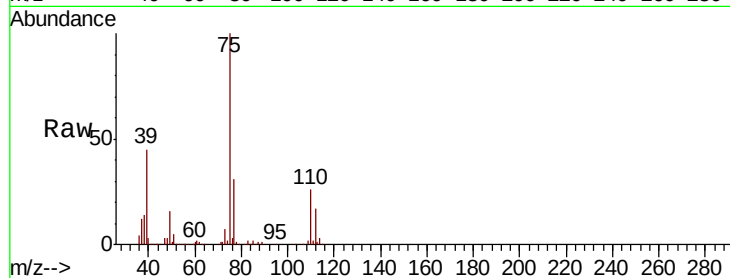
ClientSampled :

Tot Ion: 75 Resp: 178641

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.07

80000

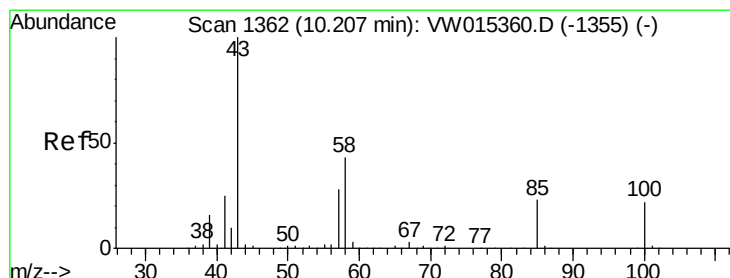
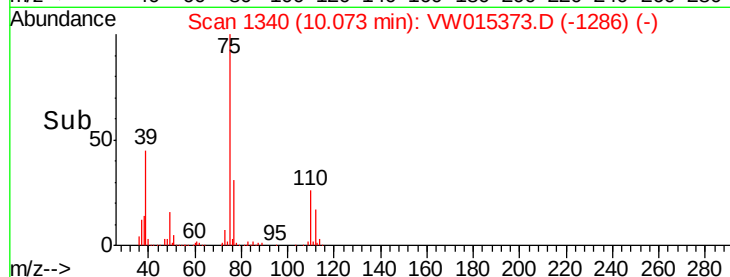
60000

40000

20000

0

Time-->



#43

4-Methyl-2-pentanone

Concen: 46.639 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

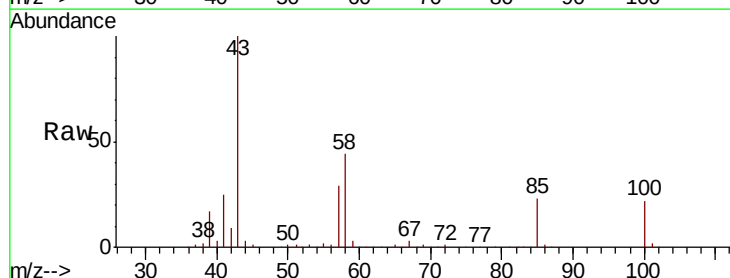
Tgt Ion: 43 Resp: 120782

Ion Ratio Lower Upper

43 100

58 43.8 34.2 51.4

100 22.0 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

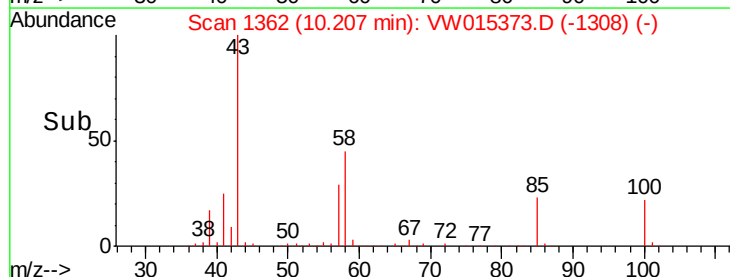
150000

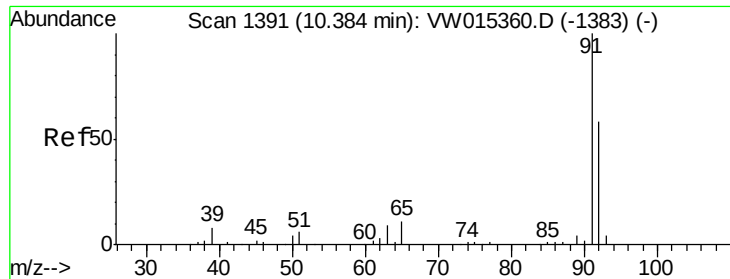
100000

50000

0

Time-->





#44

Toluene

Concen: 26.004 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

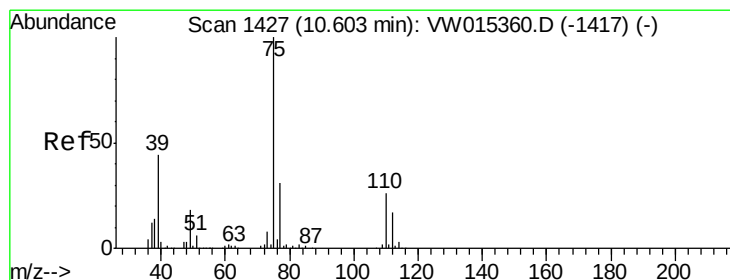
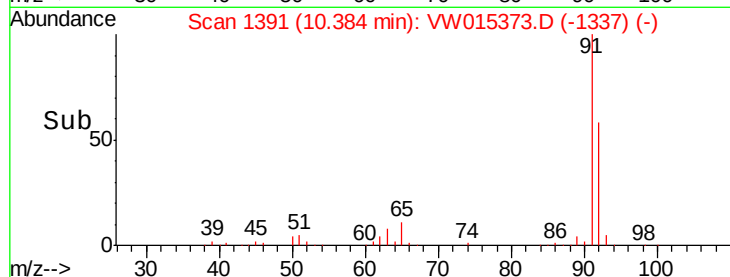
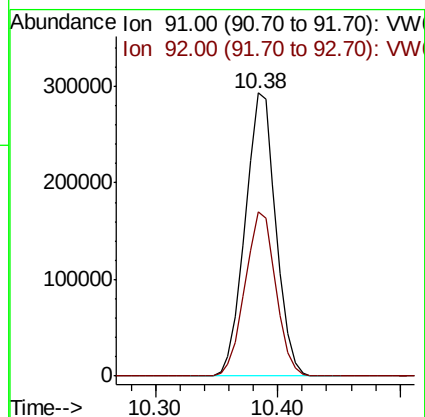
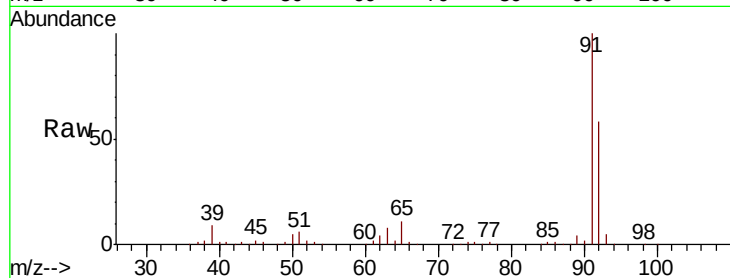
ClientSampleId :

Tot Ion: 91 Resp: 510708

Ion Ratio Lower Upper

91 100

92 58.1 40.7 75.7



#45

trans-1,3-Dichloropropene

Concen: 26.328 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW015373.D

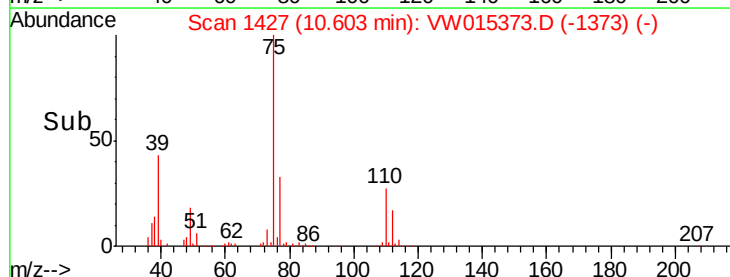
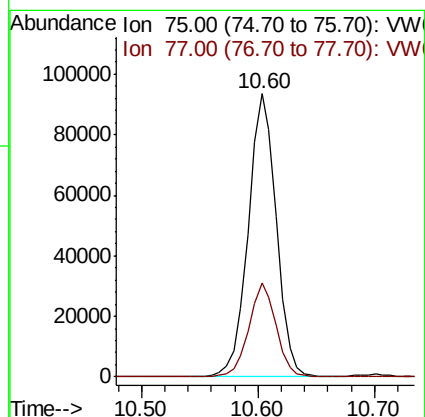
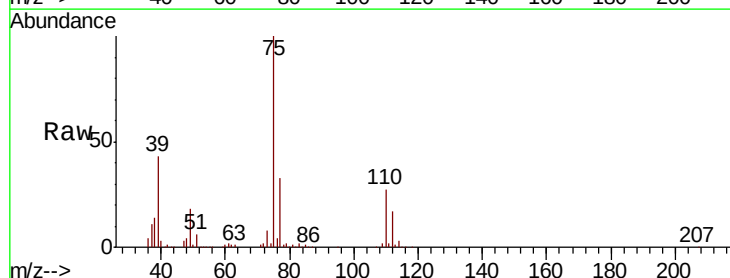
Acq: 28 Apr 2020 20:48

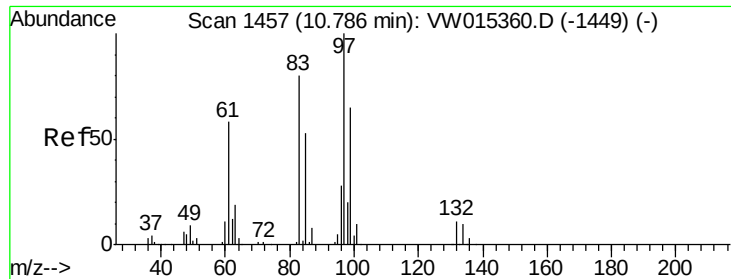
Tgt Ion: 75 Resp: 157353

Ion Ratio Lower Upper

75 100

77 33.2 22.0 41.0

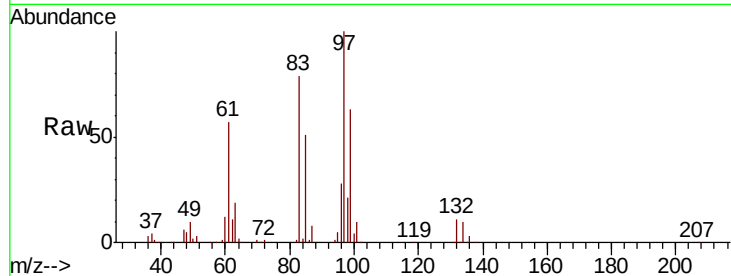




#46
 1,1,2-Trichloroethane
 Concen: 26.721 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	88075
Ion	Ratio	Lower	Upper
97	100		
83	79.3	56.1	104.1
85	51.4	37.2	69.0
99	62.9	45.6	84.6



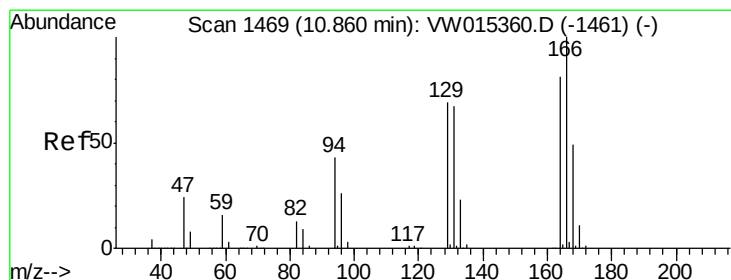
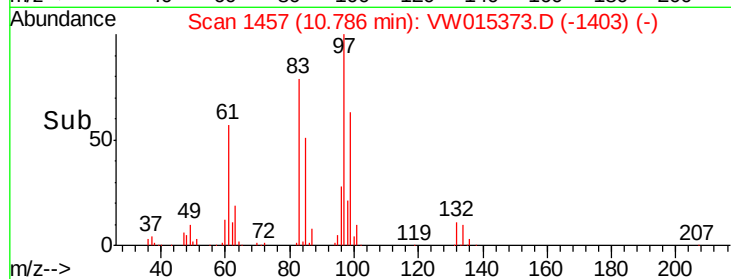
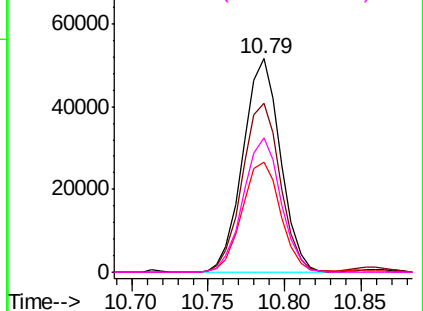
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

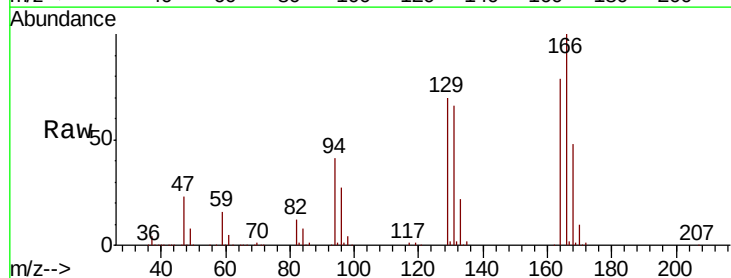
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
 Tetrachloroethene
 Concen: 25.900 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Tgt Ion:	164	Resp:	120301
Ion	Ratio	Lower	Upper
164	100		
129	88.8	60.0	111.4
131	83.7	58.0	107.8
166	127.3	86.5	160.6



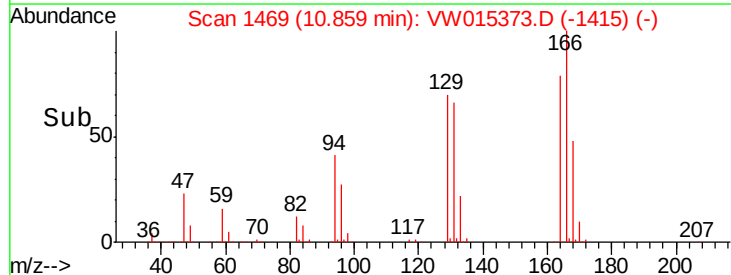
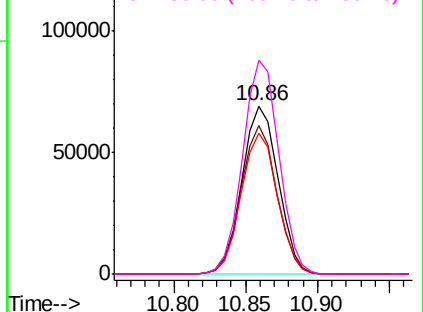
Abundance

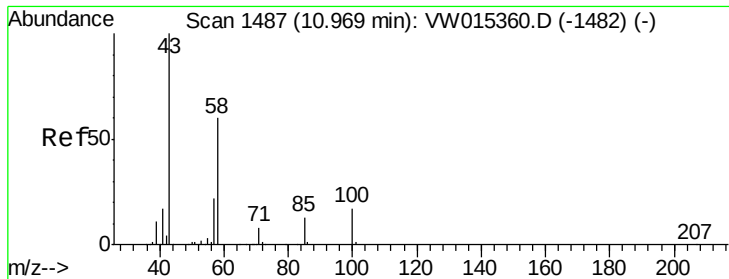
Ion 164.00 (163.70 to 164.70): V

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: 56.340 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 79883

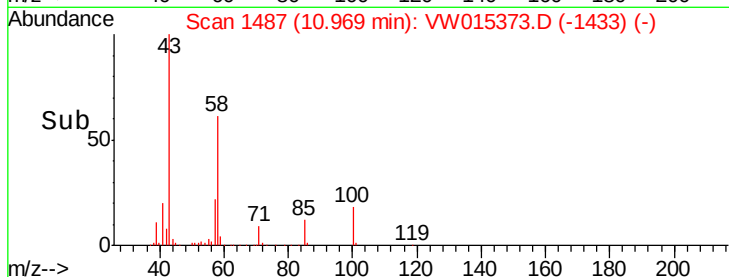
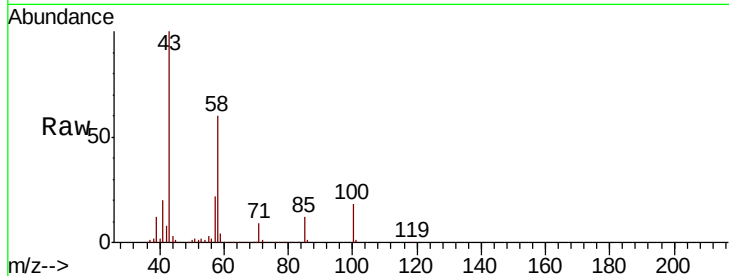
Ion Ratio Lower Upper

43 100

58 59.9 47.1 70.7

57 21.3 16.9 25.3

100 16.9 13.2 19.8

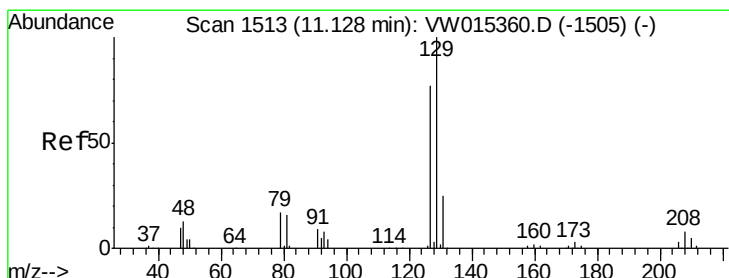
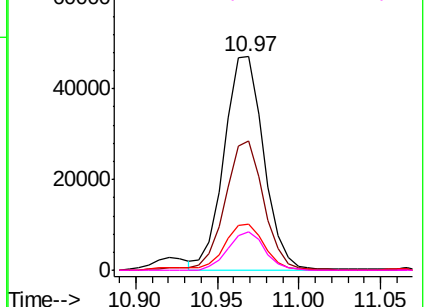


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 26.266 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015373.D

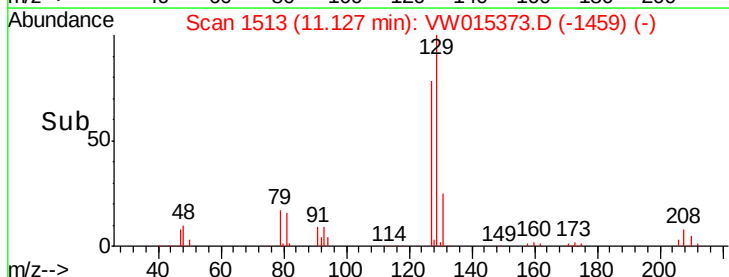
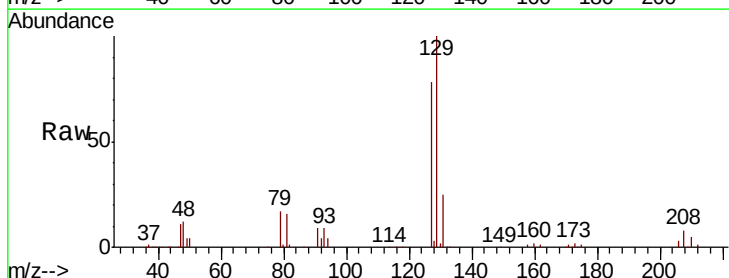
Acq: 28 Apr 2020 20:48

Tgt Ion: 129 Resp: 117085

Ion Ratio Lower Upper

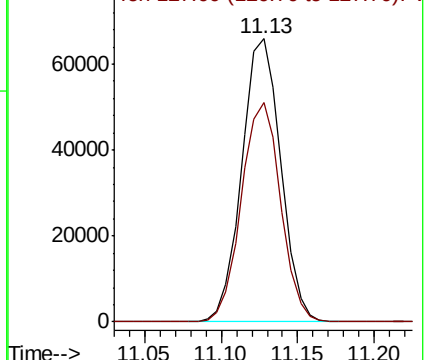
129 100

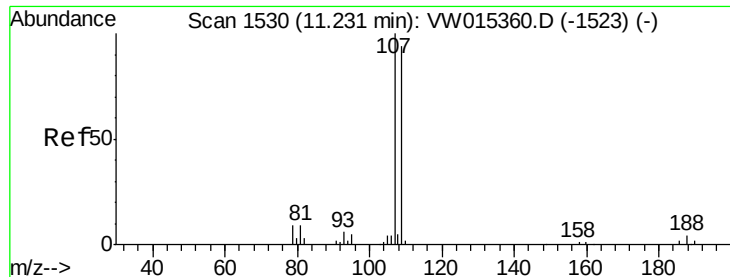
127 77.5 53.9 100.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

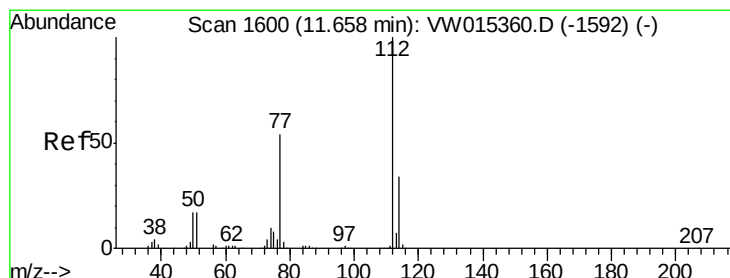
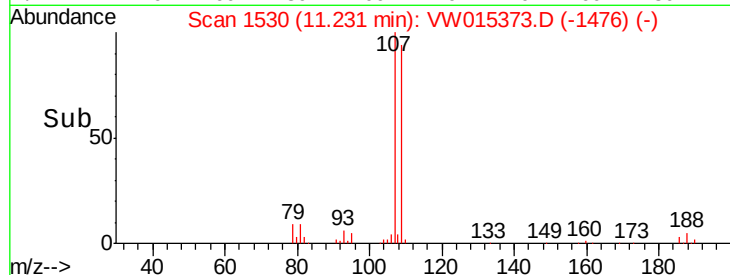
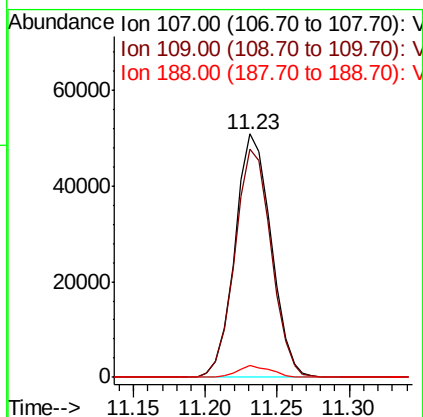
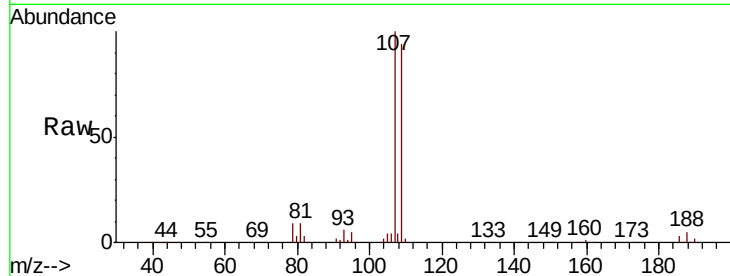




#51
1,2-Dibromoethane
Concen: 27.140 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

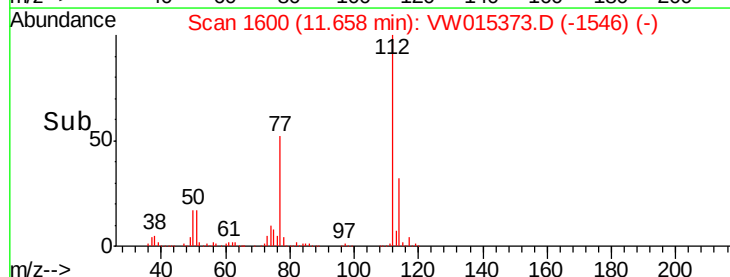
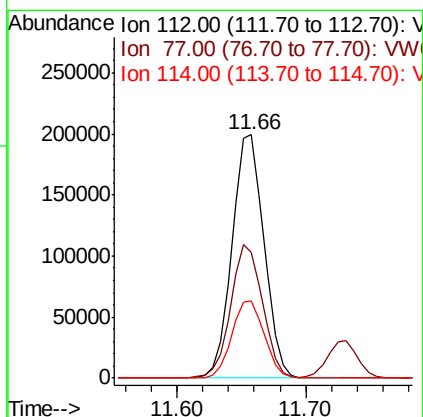
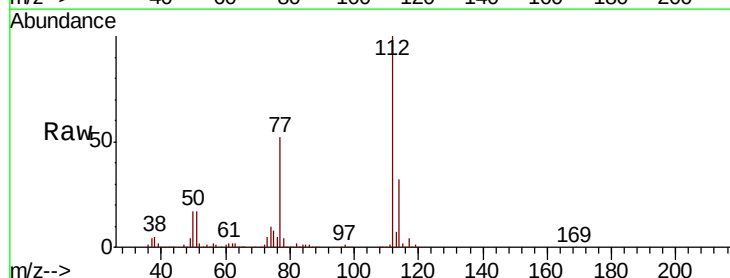
Instrument :
MSVOA_W
ClientSampleId :

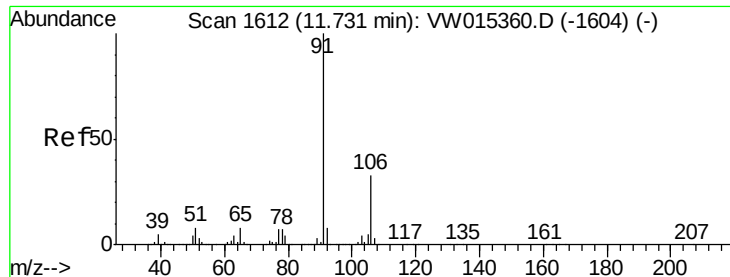
Tot Ion:107 Resp: 89189
Ion Ratio Lower Upper
107 100
109 93.9 65.9 122.5
188 4.7 3.6 5.4



#52
Chlorobenzene
Concen: 26.011 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

Tgt Ion:112 Resp: 344285
Ion Ratio Lower Upper
112 100
77 51.8 43.8 65.6
114 31.9 23.5 43.7

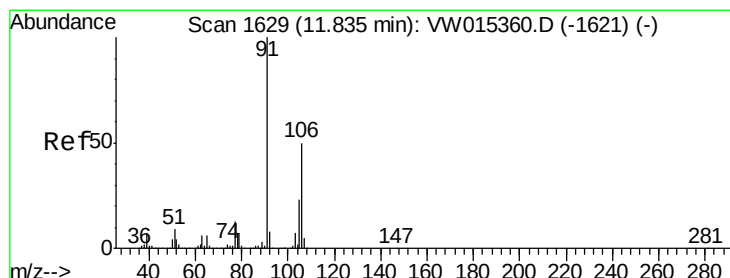
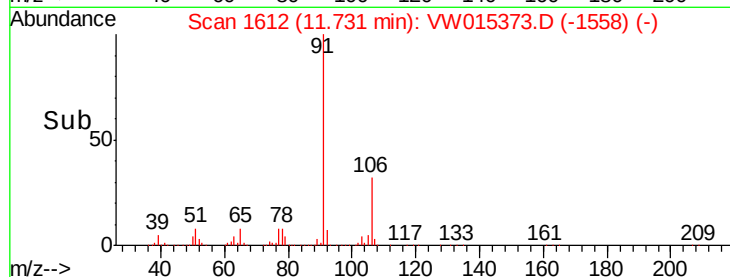
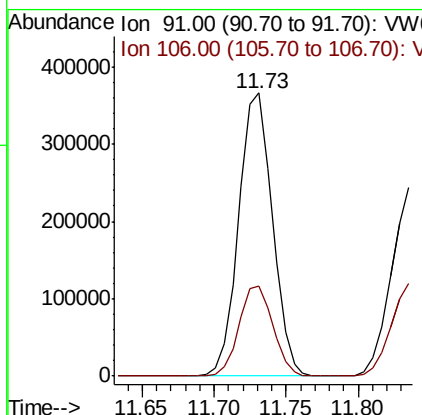
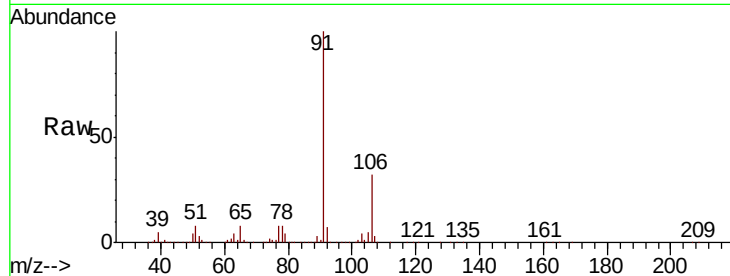




#53
Ethylbenzene
Concen: 26.195 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

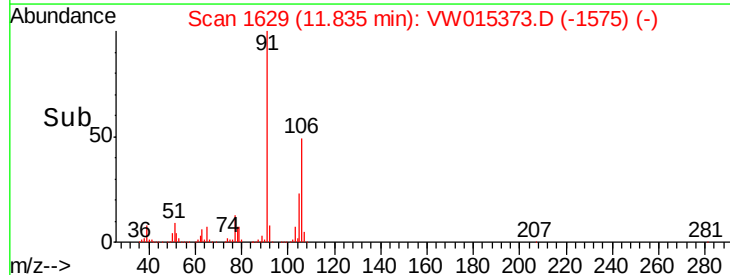
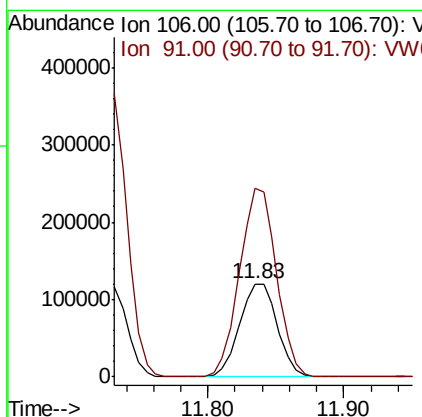
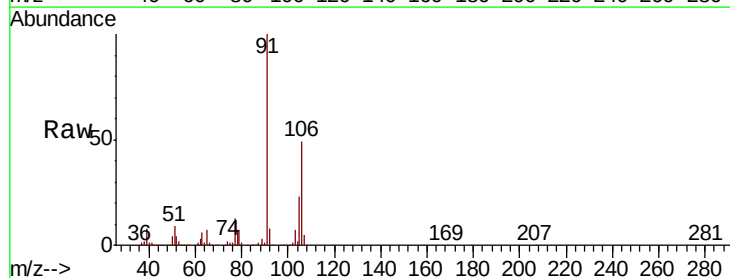
Instrument :
MSVOA_W
ClientSampleId :

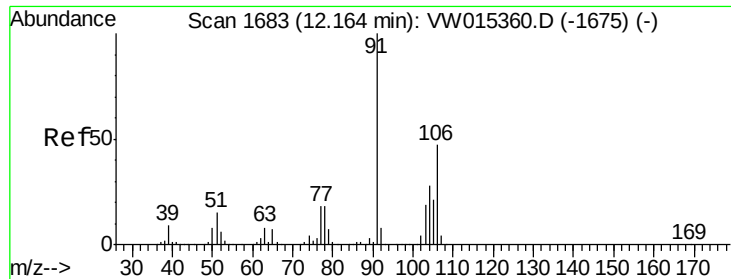
Tot Ion: 91 Resp: 595014
Ion Ratio Lower Upper
91 100
106 31.7 23.0 42.8



#54
m,p-Xylene
Concen: 25.809 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW015373.D
Acq: 28 Apr 2020 20:48

Tgt Ion:106 Resp: 232072
Ion Ratio Lower Upper
106 100
91 203.0 140.8 261.4





#55

o-xylene

Concen: 26.149 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

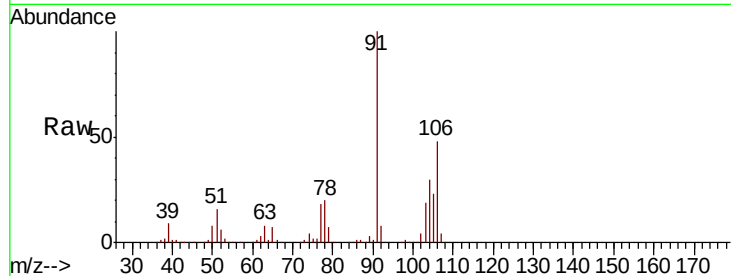
ClientSampled :

Tot Ion:106 Resp: 225578

Ion Ratio Lower Upper

106 100

91 208.7 147.5 273.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

300000

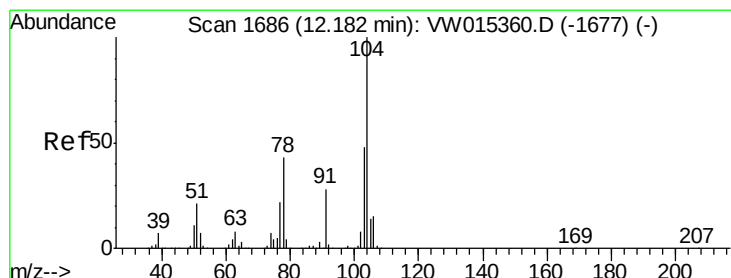
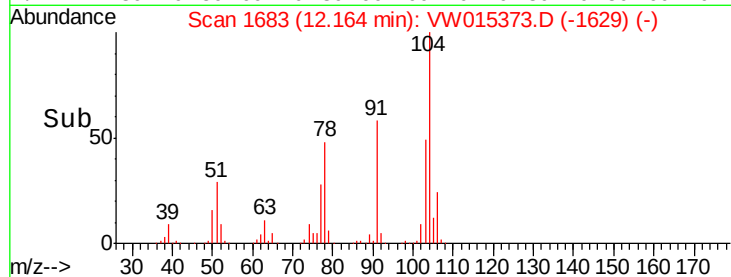
200000

100000

0

12.10 12.20

Time-->



#56

Styrene

Concen: 26.748 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW015373.D

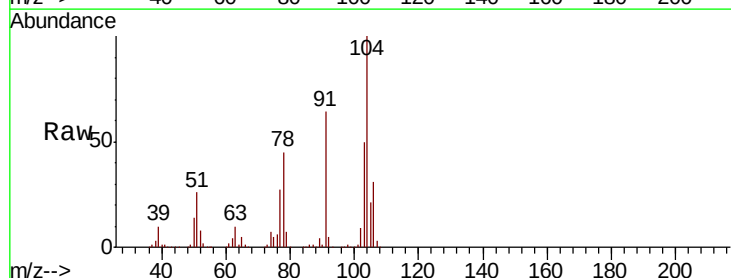
Acq: 28 Apr 2020 20:48

Tgt Ion:104 Resp: 387397

Ion Ratio Lower Upper

104 100

78 45.0 30.1 55.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

250000

200000

150000

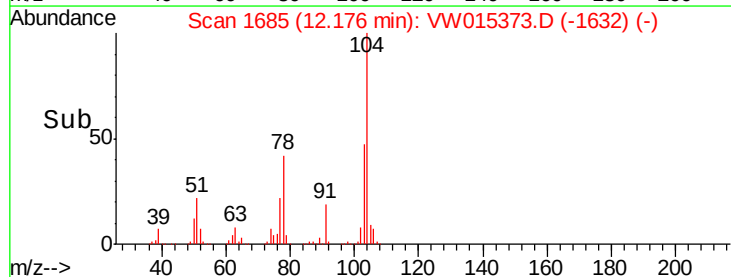
100000

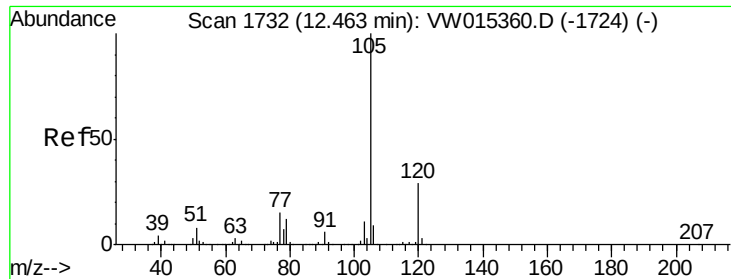
50000

0

12.10 12.20

Time-->





#57

Isopropylbenzene

Concen: 26.718 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

ClientSampled :

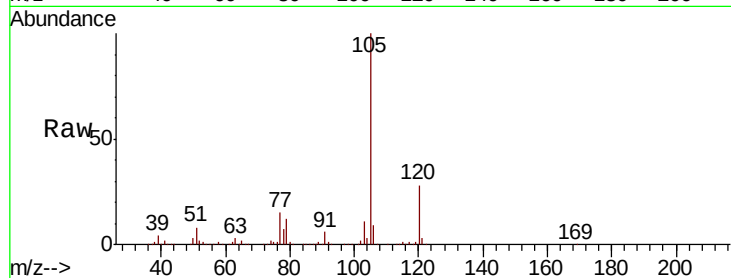
Tot Ion:105 Resp: 627571

Ion Ratio Lower Upper

105 100

120 27.4 22.4 33.6

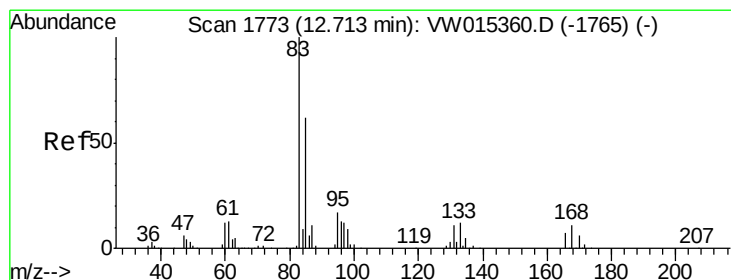
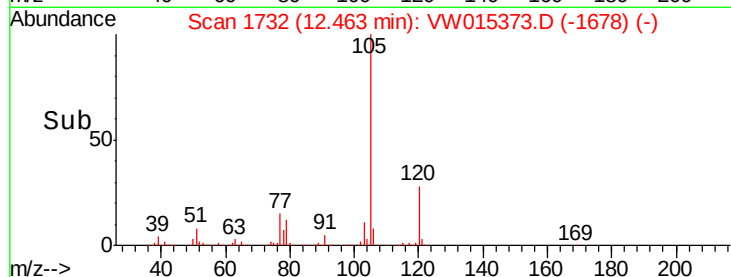
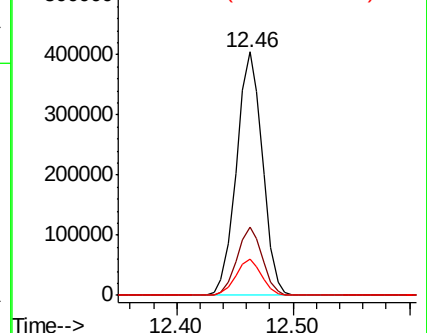
77 14.6 12.2 18.2



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 28.002 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

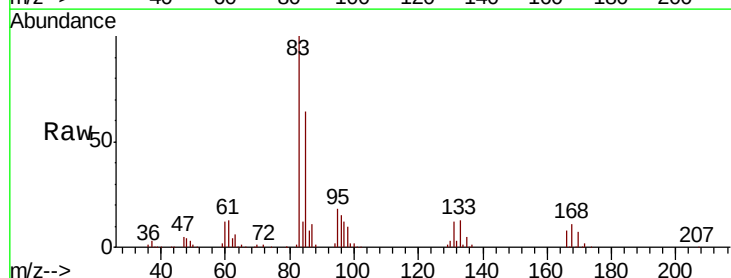
Tgt Ion: 83 Resp: 102659

Ion Ratio Lower Upper

83 100

85 63.7 43.8 81.3

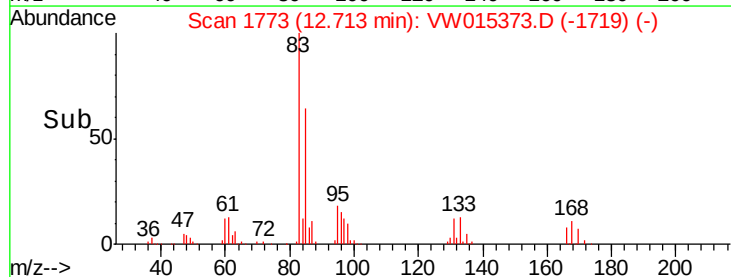
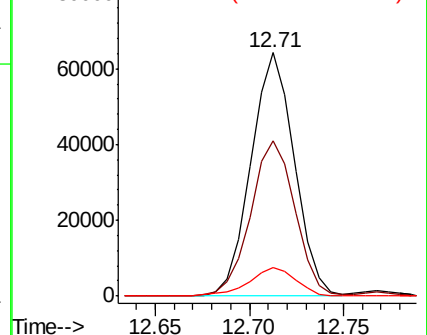
131 11.6 9.1 13.7

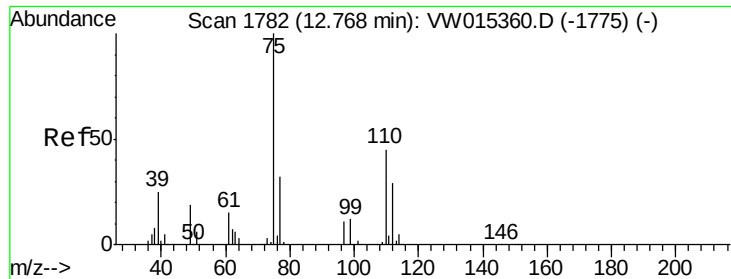


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 27.823 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

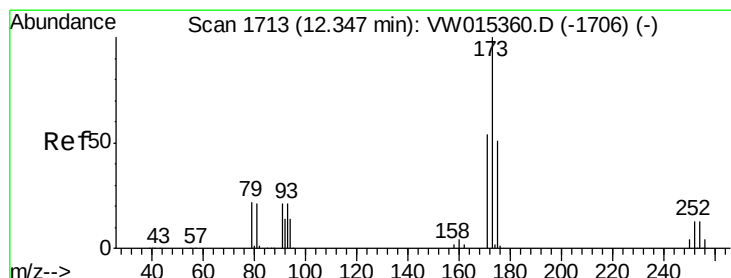
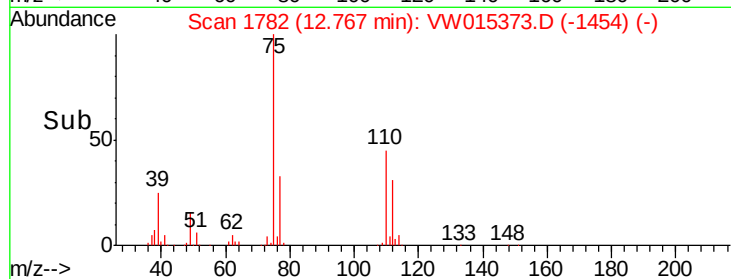
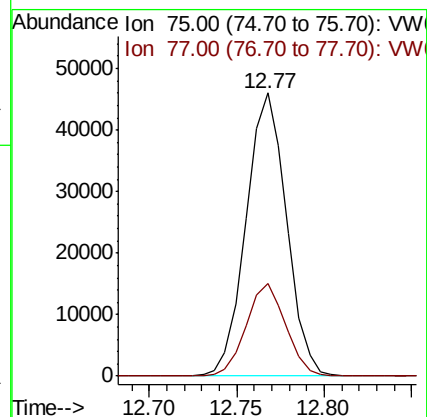
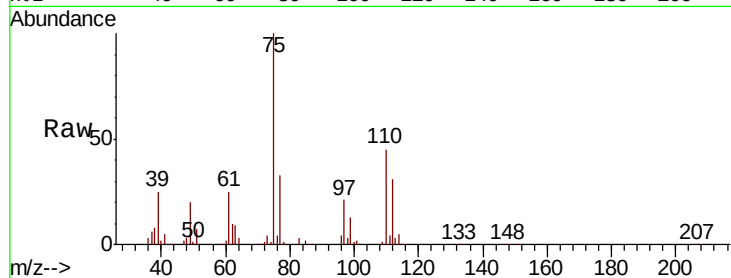
ClientSampleId :

Tot Ion: 75 Resp: 74390

Ion Ratio Lower Upper

75 100

77 32.0 26.4 39.6



#62

Bromoform

Concen: 27.106 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

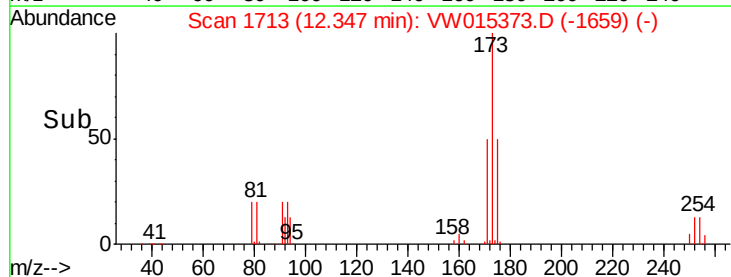
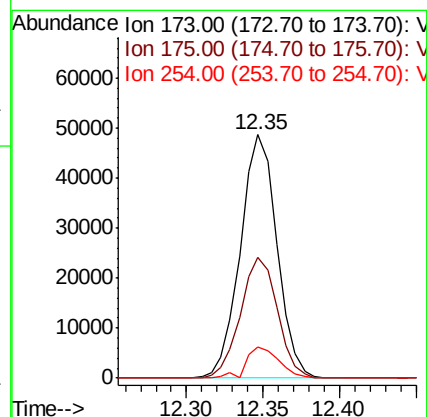
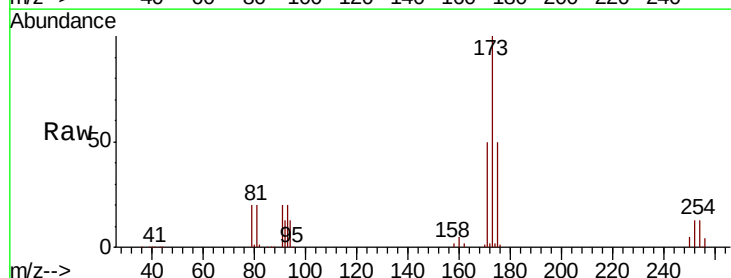
Tgt Ion: 173 Resp: 80895

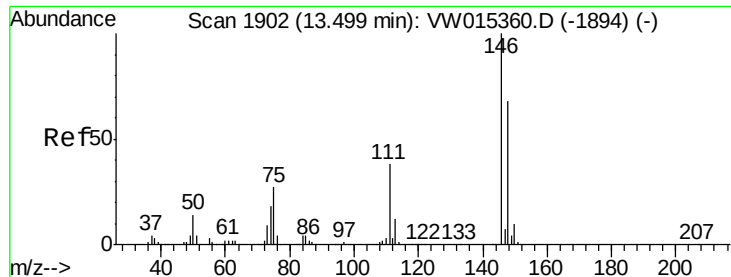
Ion Ratio Lower Upper

173 100

175 50.0 40.4 60.6

254 10.7 9.8 14.8

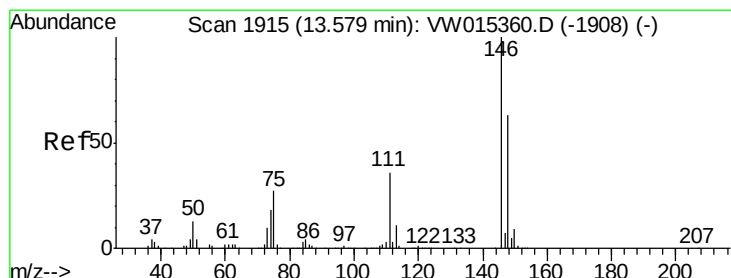
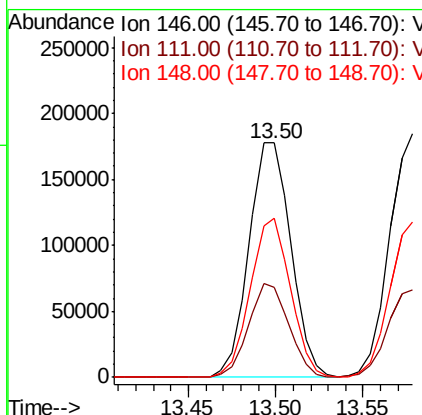
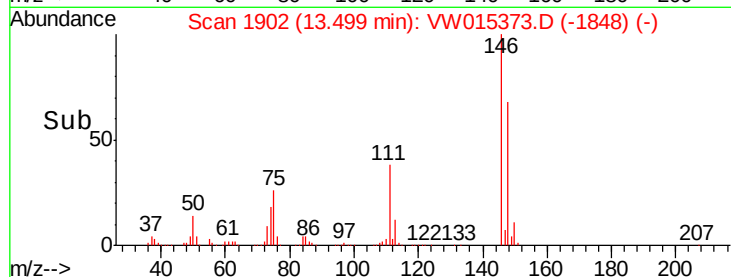
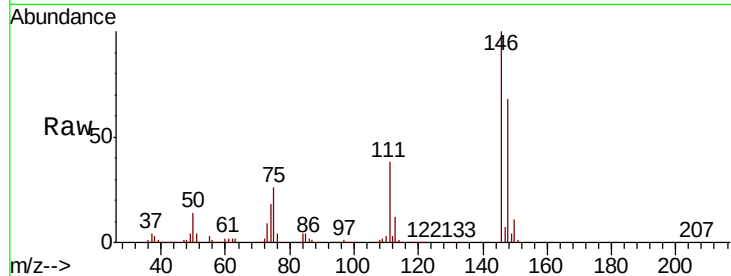




#63
 1,3-Dichlorobenzene
 Concen: 25.760 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

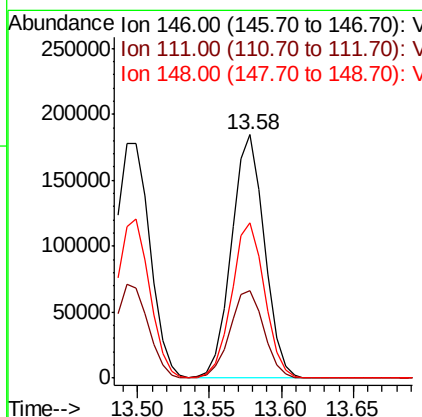
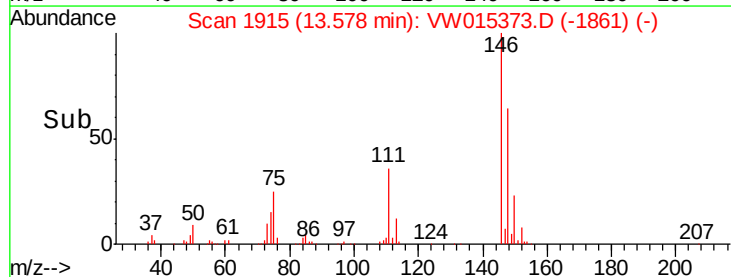
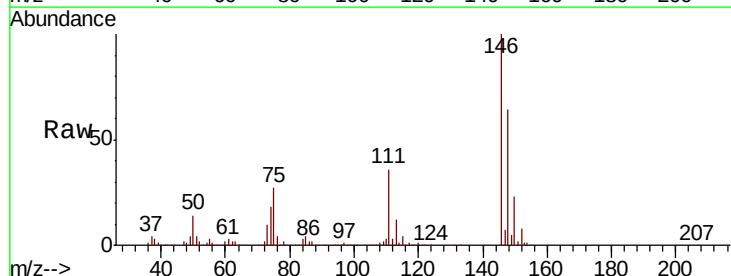
Instrument :
 MSVOA_W
 ClientSampled :

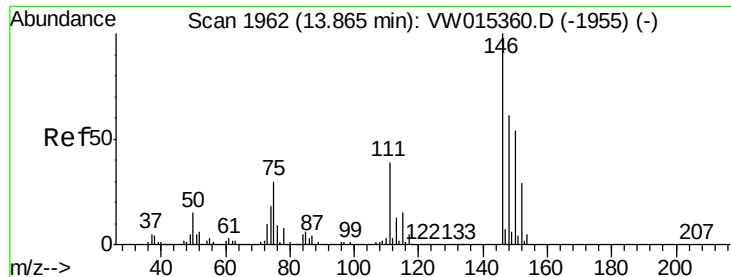
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	26.6	49.4
148	67.9	47.5	88.3



#64
 1,4-Dichlorobenzene
 Concen: 25.855 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	25.5	47.3
148	64.0	44.2	82.2

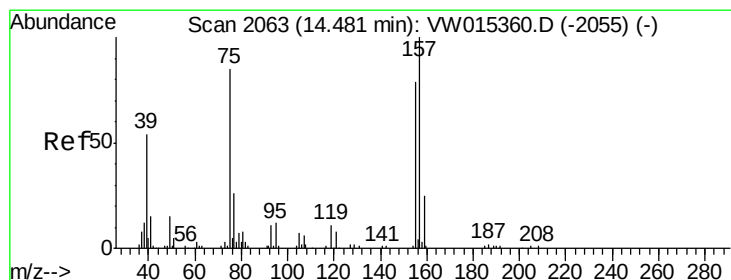
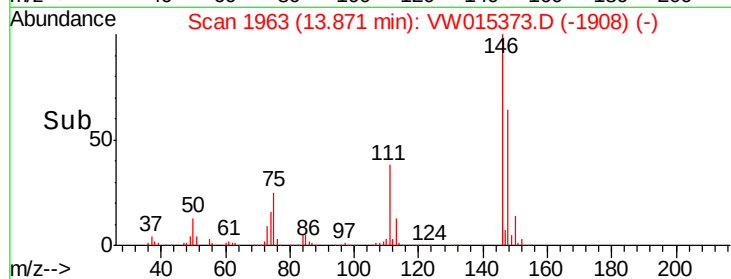
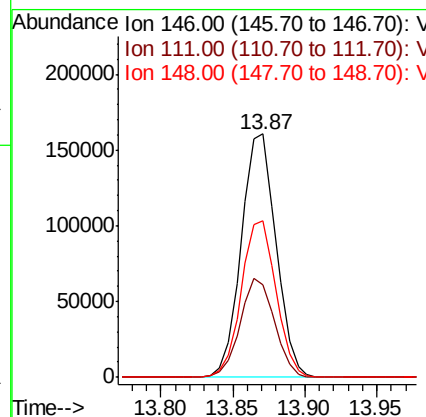
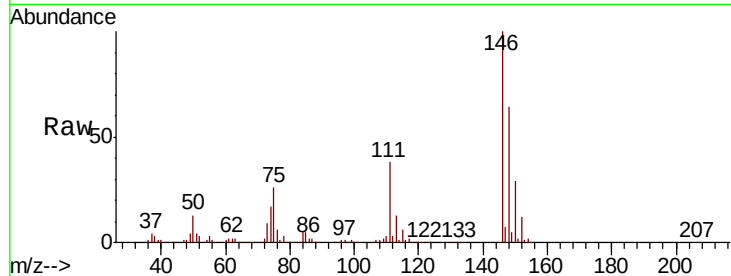




#65
 1,2-Dichlorobenzene
 Concen: 25.946 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

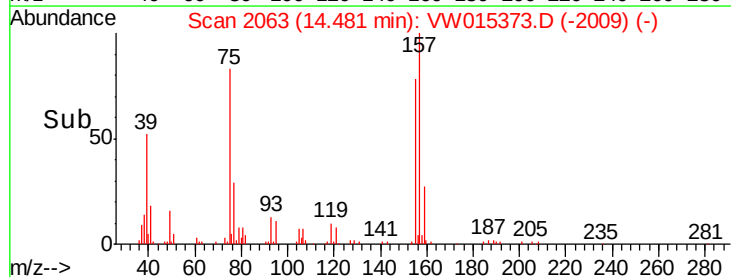
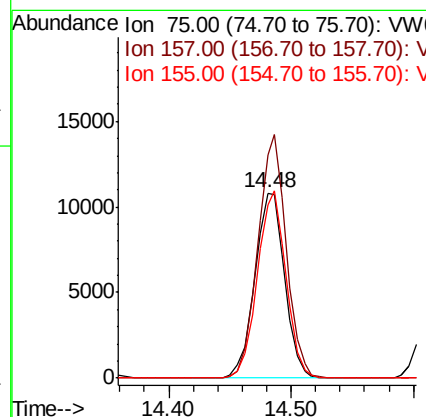
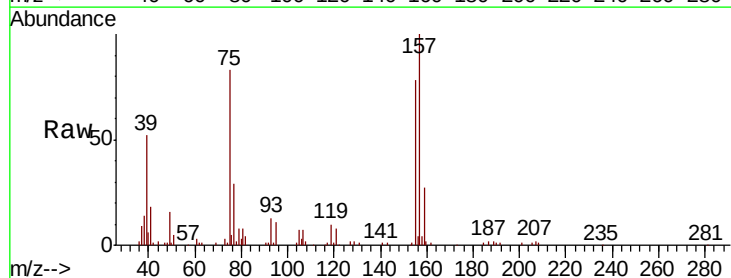
Instrument :
 MSVOA_W
 ClientSampleId :

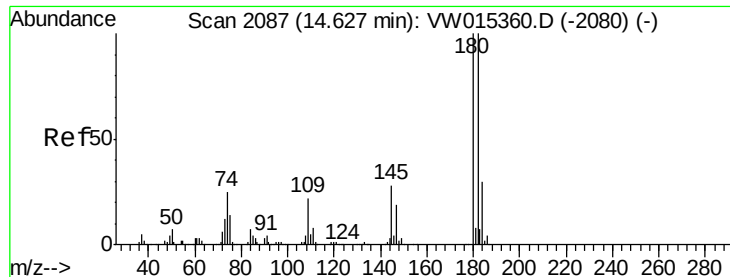
Tot Ion:146 Resp: 268792
 Ion Ratio Lower Upper
 146 100
 111 38.2 31.4 47.0
 148 64.1 48.9 73.3



#66
 1,2-Dibromo-3-chloropropane
 Concen: 27.072 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Tgt Ion: 75 Resp: 18349
 Ion Ratio Lower Upper
 75 100
 157 120.8 94.6 141.8
 155 93.6 75.0 112.6

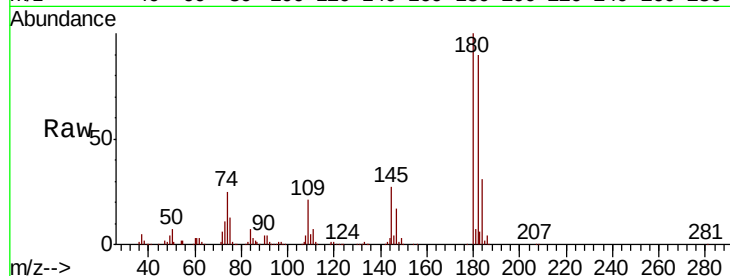




#67
 1,3,5-Trichlorobenzene
 Concen: 25.411 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	180	Resp	226686
Ion Ratio	Lower	Upper	
180	100		
182	95.0	78.3	117.5
184	30.9	25.0	37.4
145	27.7	22.9	34.3



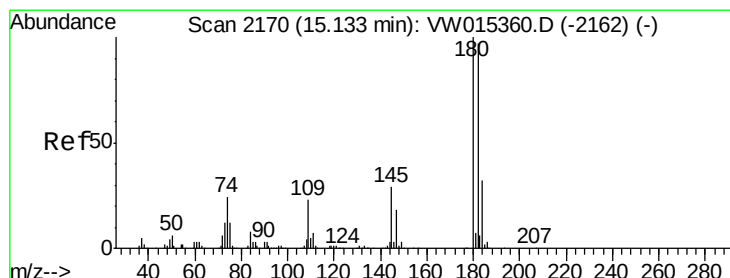
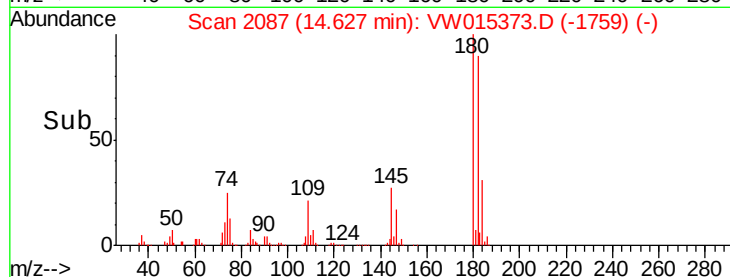
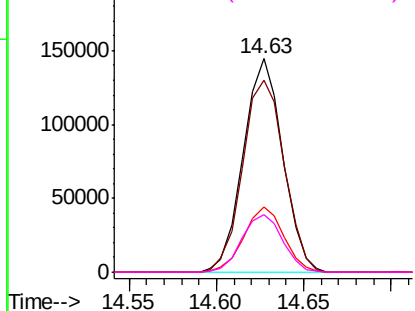
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

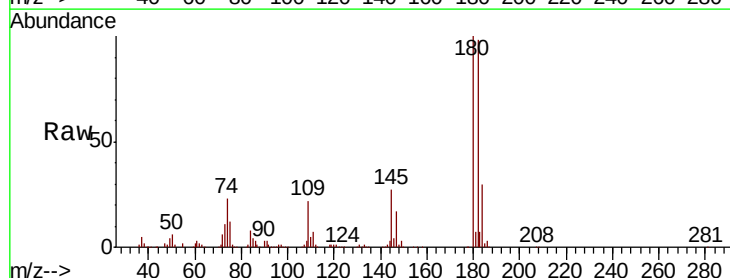
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 25.986 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015373.D
 Acq: 28 Apr 2020 20:48

Tgt Ion	180	Resp	190518
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.9	116.9
145	27.9	22.8	34.2

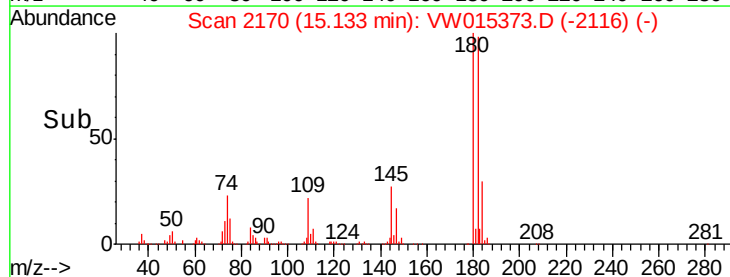
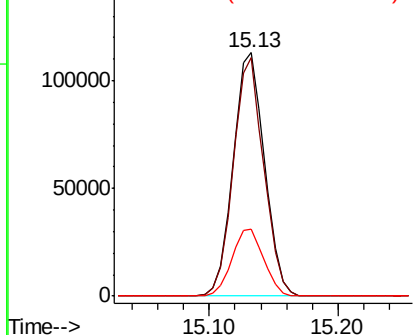


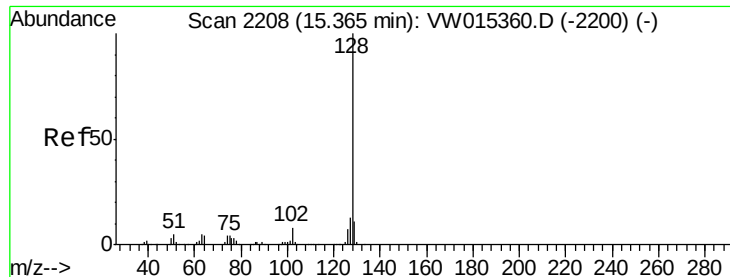
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 26.866 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

Instrument :

MSVOA_W

ClientSampleId :

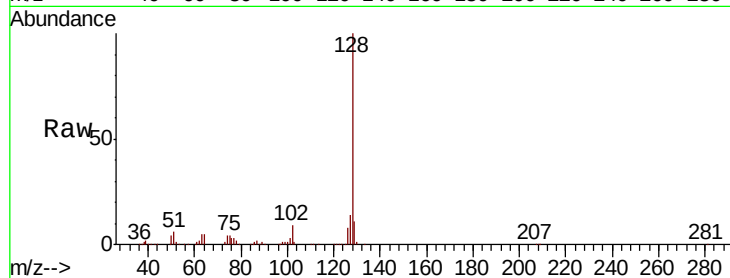
Tot Ion:128 Resp: 329310

Ion Ratio Lower Upper

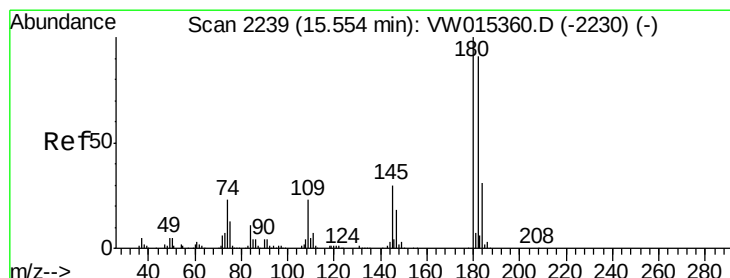
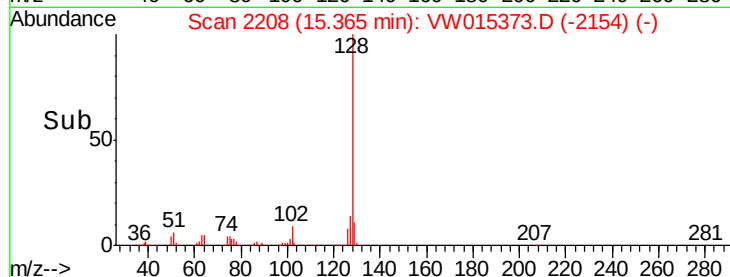
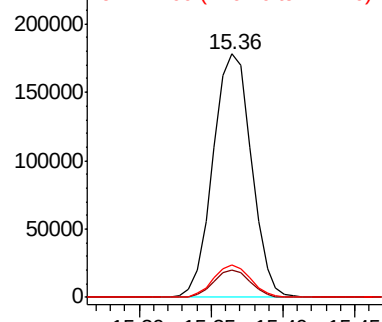
128 100

129 10.8 8.6 13.0

127 12.9 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 26.052 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW015373.D

Acq: 28 Apr 2020 20:48

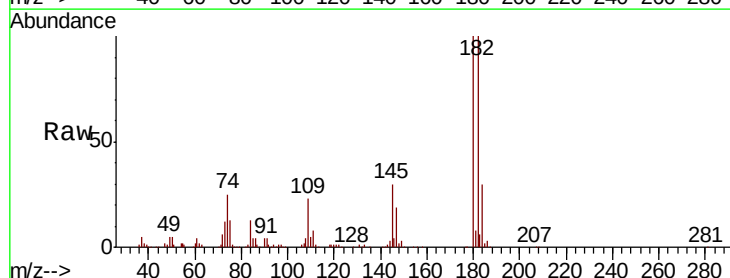
Tgt Ion:180 Resp: 164943

Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.6

145 30.1 24.4 36.6



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

