

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042920\
 Data File : VW015375.D
 Acq On : 29 Apr 2020 09:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 08:22:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 11:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	421363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	203547	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	76461	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
7) Chloroethane-d5	2.89	69	82032	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
10) 1,1-Dichloroethene-d2	4.01	63	185555	23.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.72%
20) 2-Butanone-d5	7.09	46	43944	46.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.22%
24) Chloroform-d	7.65	84	213083	23.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	8.31	65	110759	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.88%
29) Benzene-d6	8.27	84	411023	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	114148	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.28%
37) Toluene-d8	10.32	98	418303	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.57	79	57860	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.36%
39) 2-Hexanone-d5	10.92	63	43033	48.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100642	24.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	164926	23.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	90786	22.874	ug/L 98
3) Chloromethane	2.21	50	75433	23.212	ug/L 98
5) Vinyl chloride	2.37	62	119549	30.465	ug/L 97
6) Bromomethane	2.79	94	96005	26.029	ug/L 99
8) Chloroethane	2.93	64	80947	26.583	ug/L 99
9) Trichlorofluoromethane	3.26	101	110919	24.135	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	128904	26.565	ug/L 97
12) 1,1-Dichloroethene	4.03	96	123520	26.057	ug/L 96
13) Acetone	4.14	43	35875	45.173	ug/L 99
14) Carbon disulfide	4.37	76	336855	26.033	ug/L 99
15) Methyl Acetate	4.68	43	37446	23.643	ug/L 100
16) Methylene chloride	4.91	84	118163	22.020	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	170698	24.350	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	130790	25.182	ug/L 100
19) 1,1-Dichloroethane	6.21	63	203213	25.121	ug/L 98
21) 2-Butanone	7.18	43	51632	42.986	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	140710	25.089	ug/L 98

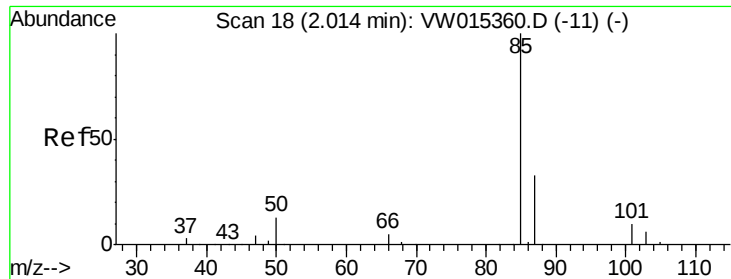
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042920\
 Data File : VW015375.D
 Acq On : 29 Apr 2020 09:49
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 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 11:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66154	24.568	ug/L	91
25) Chloroform	7.67	83	230270	25.026	ug/L	99
27) 1,2-Dichloroethane	8.40	62	146487	25.103	ug/L	100
30) Cyclohexane	7.95	56	188609	25.939	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	210323	25.740	ug/L	100
32) Carbon tetrachloride	8.07	117	205882	26.058	ug/L	98
34) Benzene	8.32	78	498039	25.585	ug/L	100
35) Trichloroethene	9.09	95	145207	25.929	ug/L	99
36) Methylcyclohexane	9.34	83	244454	25.893	ug/L	99
40) 1,2-Dichloropropane	9.37	63	111101	25.150	ug/L	100
41) Bromodichloromethane	9.64	83	173052	25.592	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	197296	25.509	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	127612	42.838	ug/L	100
44) Toluene	10.38	91	583149	25.813	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	176299	25.644	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	95851	25.281	ug/L	98
47) Tetrachloroethene	10.86	164	137934	25.817	ug/L	98
49) 2-Hexanone	10.97	43	84330	51.705	ug/L	99
50) Dibromochloromethane	11.13	129	128453	25.051	ug/L	99
51) 1,2-Dibromoethane	11.23	107	94994	25.130	ug/L	99
52) Chlorobenzene	11.66	112	388521	25.518	ug/L	97
53) Ethylbenzene	11.73	91	666487	25.508	ug/L	100
54) m,p-Xylene	11.83	106	270165	26.120	ug/L	95
55) o-xylene	12.16	106	252689	25.465	ug/L	100
56) Styrene	12.18	104	432565	25.965	ug/L	97
57) Isopropylbenzene	12.46	105	710613	26.301	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	106973	25.366	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	77840	25.310	ug/L	100
62) Bromoform	12.35	173	84828	25.359	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	338141	26.143	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	329533	25.752	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	295991	25.491	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	18785	24.727	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	255226	25.526	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	213801	26.017	ug/L	97
69) Naphthalene	15.36	128	345747	25.166	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	178118	25.100	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 22.874 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

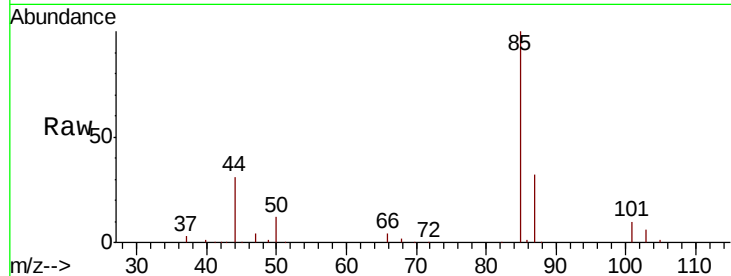
ClientSampleId :

Tot Ion: 85 Resp: 90786

Ion Ratio Lower Upper

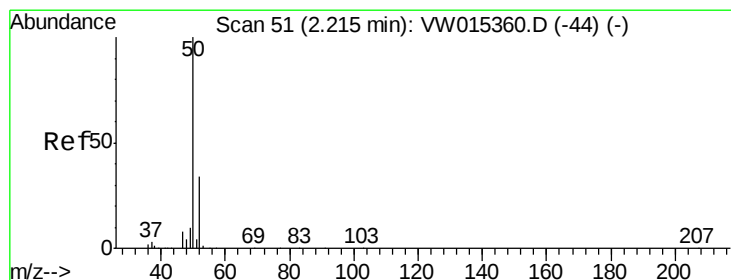
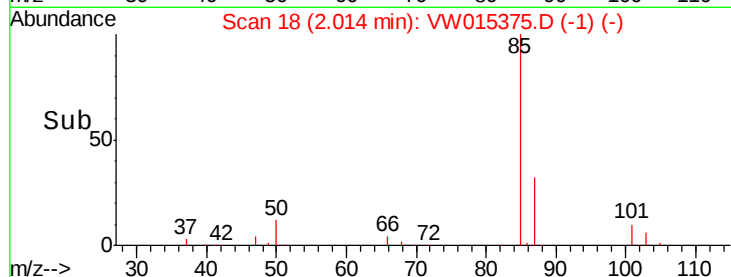
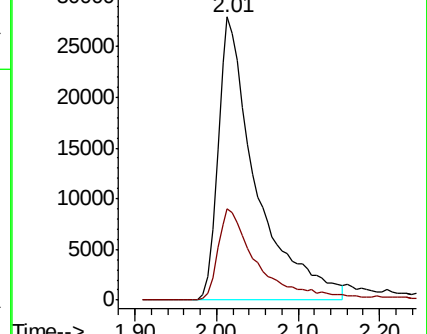
85 100

87 30.9 22.5 41.9



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 23.212 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015375.D

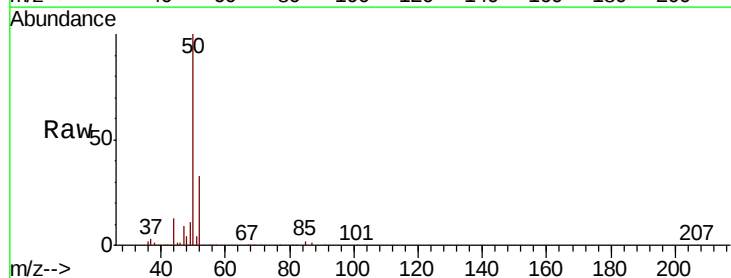
Acq: 29 Apr 2020 09:49

Tgt Ion: 50 Resp: 75433

Ion Ratio Lower Upper

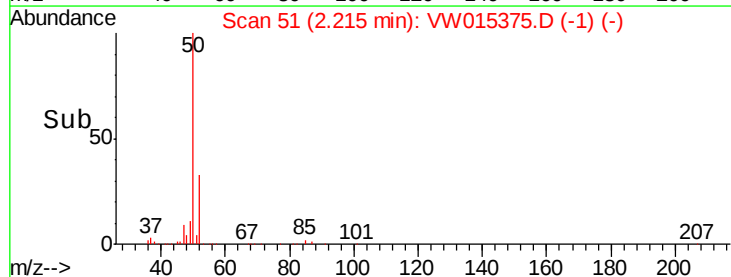
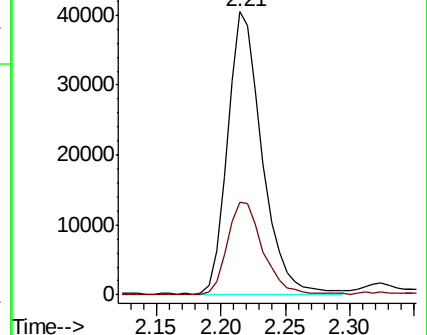
50 100

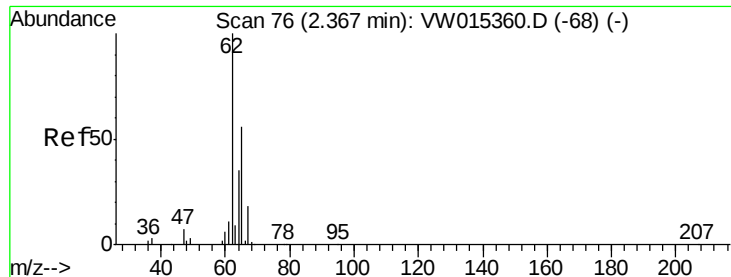
52 32.8 23.6 43.8



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 30.465 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

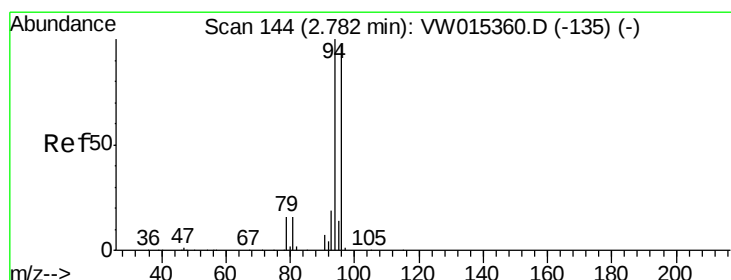
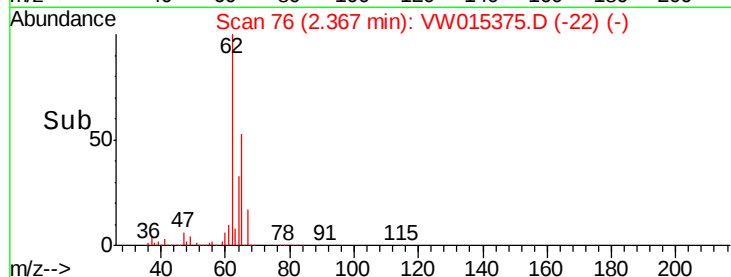
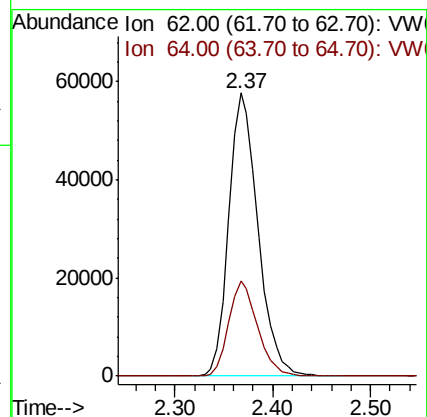
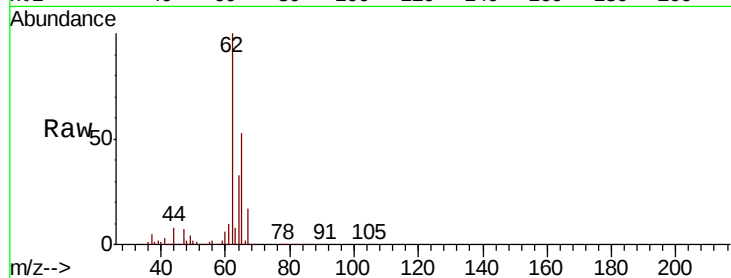
ClientSampleId :

Tot Ion: 62 Resp: 119549

Ion Ratio Lower Upper

62 100

64 33.5 24.6 45.8



#6

Bromomethane

Concen: 26.029 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW015375.D

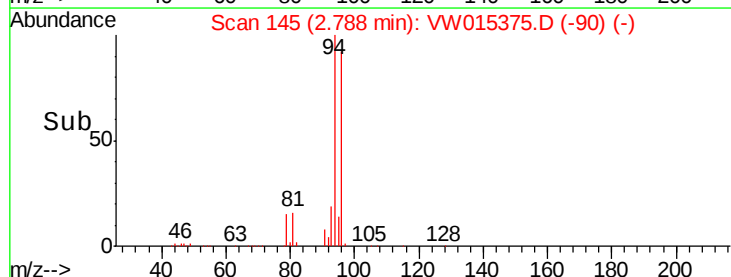
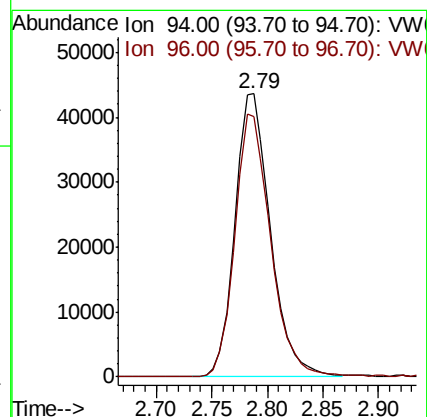
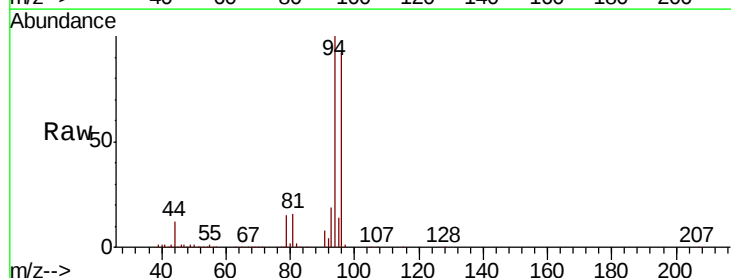
Acq: 29 Apr 2020 09:49

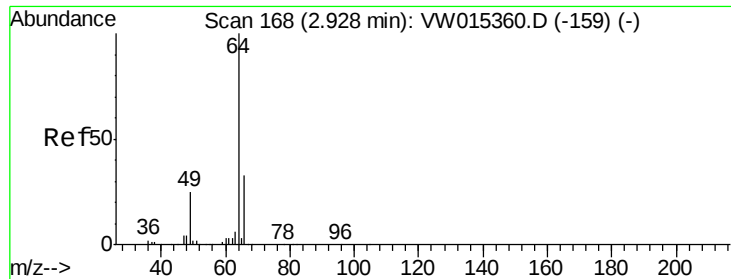
Tgt Ion: 94 Resp: 96005

Ion Ratio Lower Upper

94 100

96 93.9 9.5 180.1





#8

Chloroethane

Concen: 26.583 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

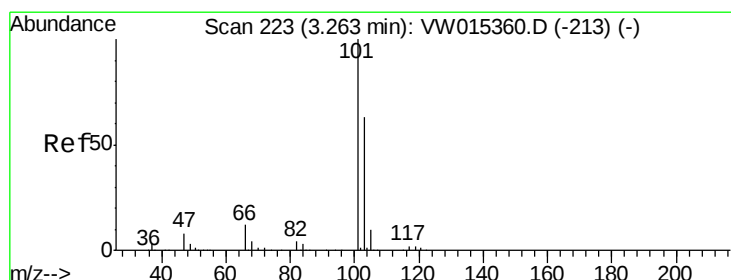
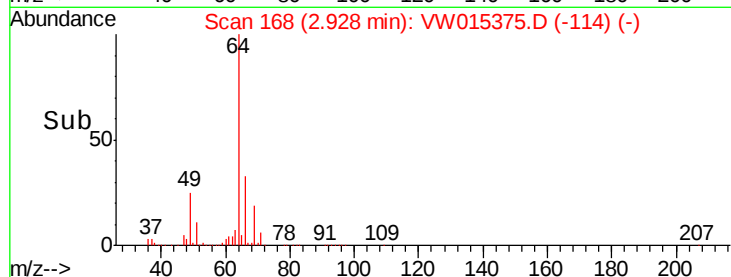
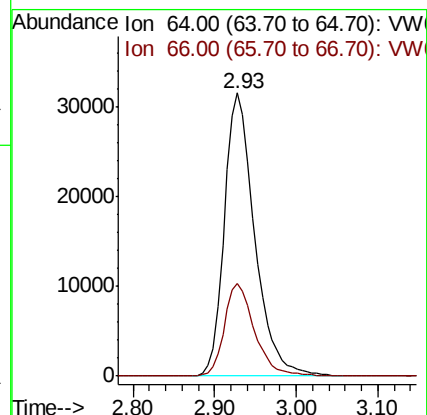
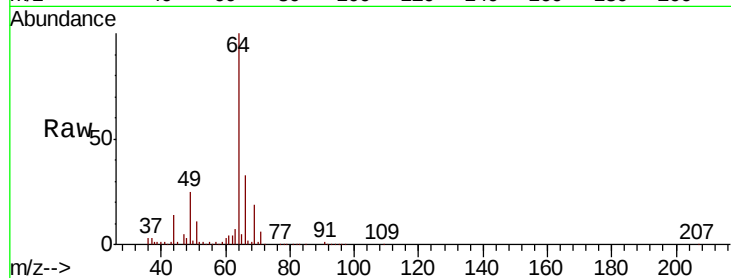
ClientSampleId :

Tot Ion: 64 Resp: 80947

Ion Ratio Lower Upper

64 100

66 32.9 23.5 43.7



#9

Trichlorofluoromethane

Concen: 24.135 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW015375.D

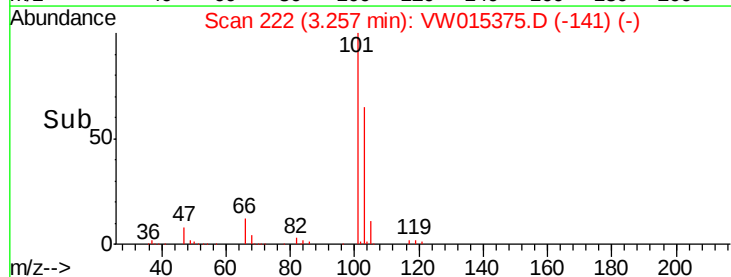
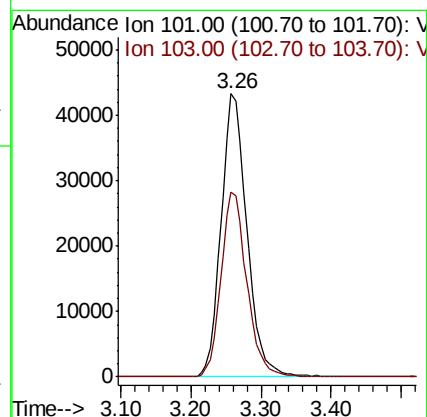
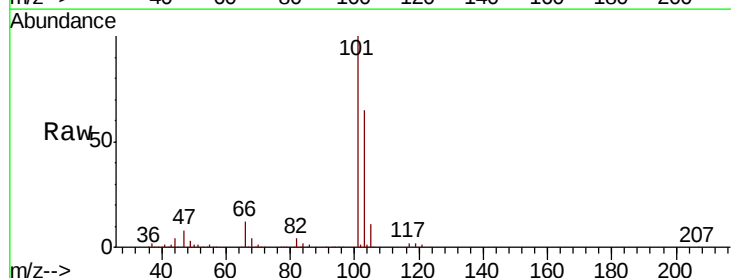
Acq: 29 Apr 2020 09:49

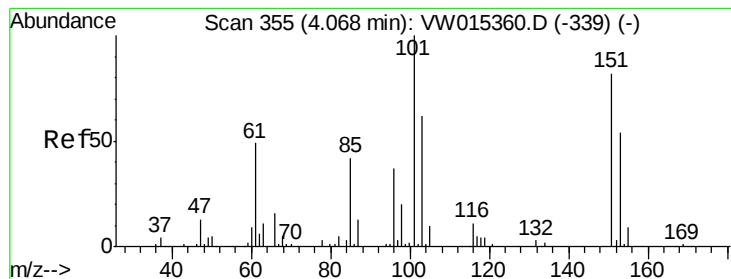
Tgt Ion: 101 Resp: 110919

Ion Ratio Lower Upper

101 100

103 65.2 45.4 84.4





#11

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

Concen: 26.565 ug/L

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

ClientSampleId :

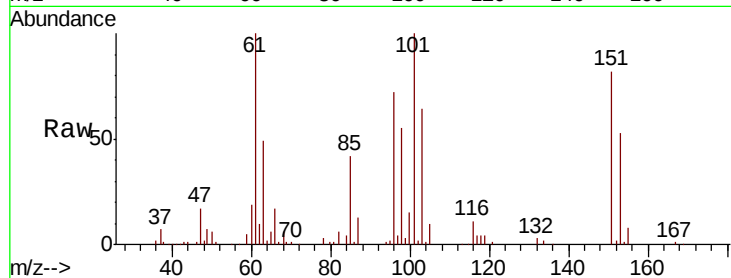
Tot Ion:101 Resp: 128904

Ion Ratio Lower Upper

101 100

85 41.7 32.5 48.7

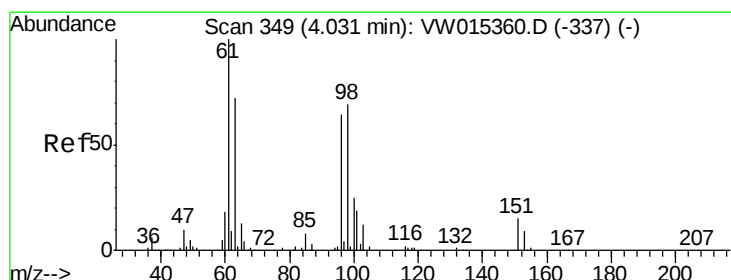
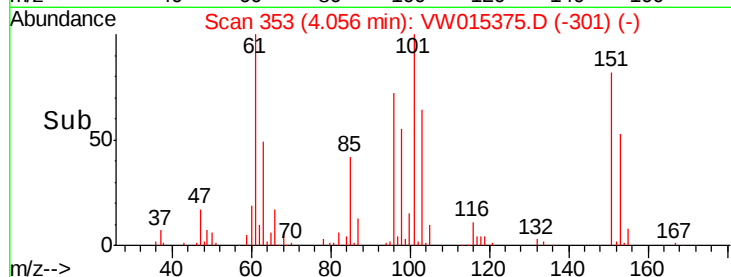
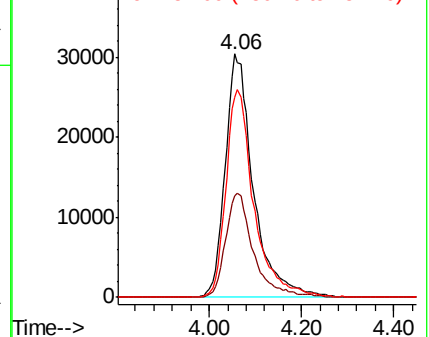
151 82.5 68.2 102.2



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: 26.057 ug/L

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

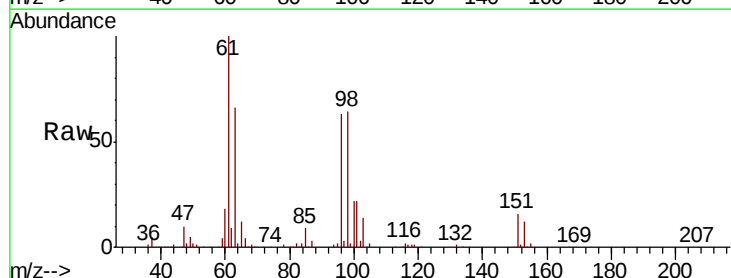
Tgt Ion: 96 Resp: 123520

Ion Ratio Lower Upper

96 100

61 157.7 109.1 202.7

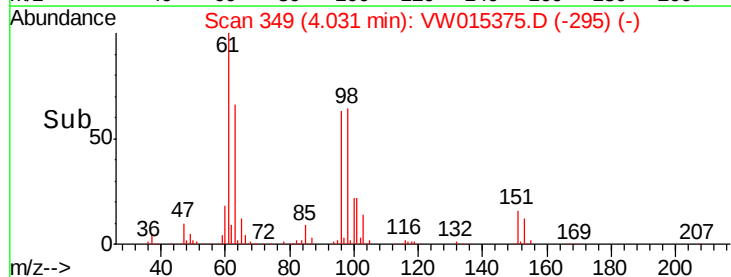
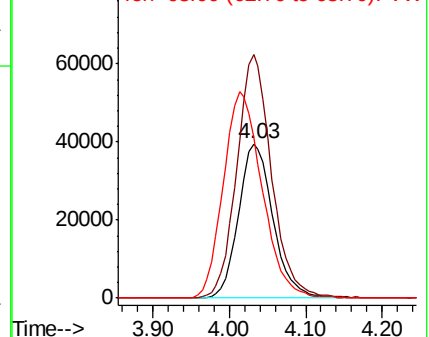
63 103.9 79.2 147.2

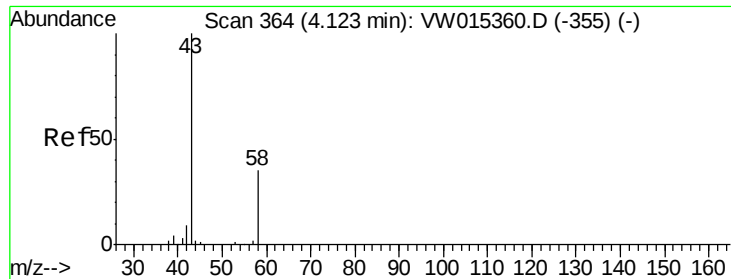


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 45.173 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

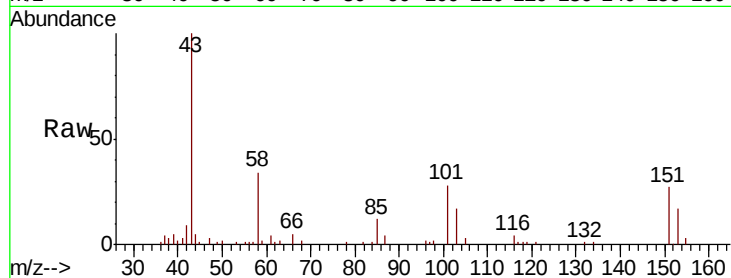
ClientSampleId :

Tot Ion: 43 Resp: 35875

Ion Ratio Lower Upper

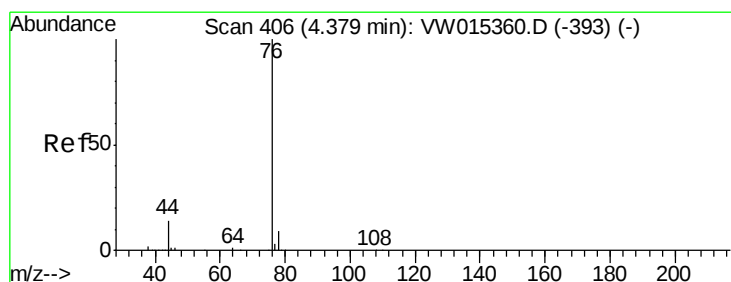
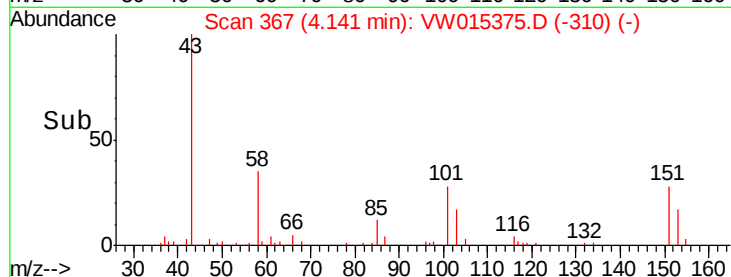
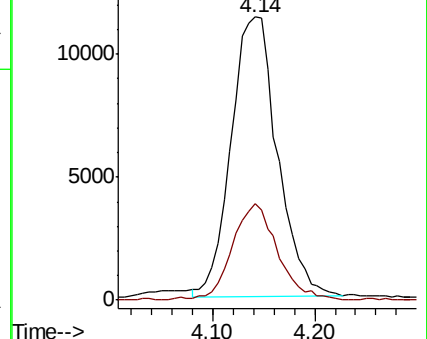
43 100

58 33.4 0.0 68.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 26.033 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW015375.D

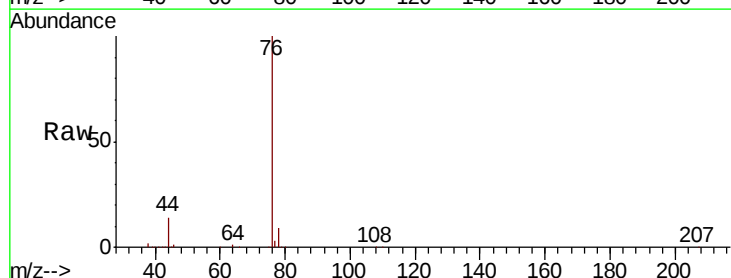
Acq: 29 Apr 2020 09:49

Tgt Ion: 76 Resp: 336855

Ion Ratio Lower Upper

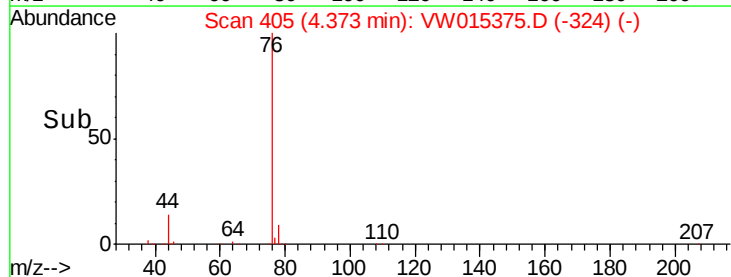
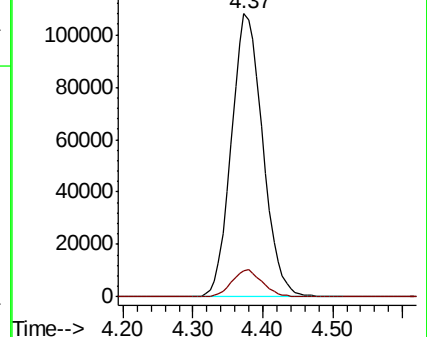
76 100

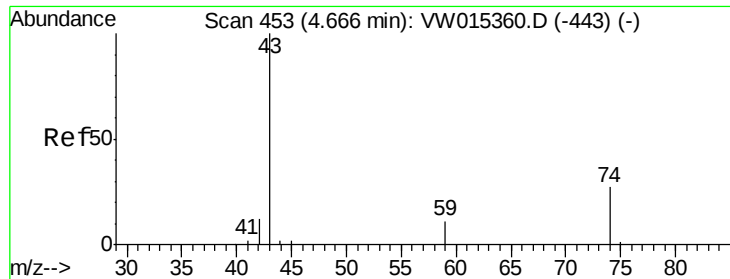
78 9.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

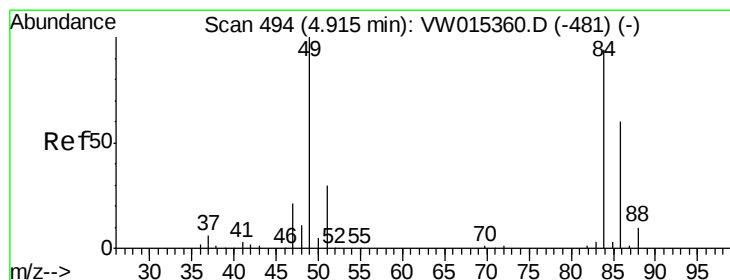
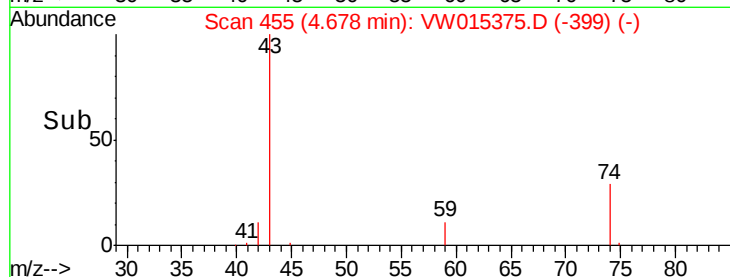
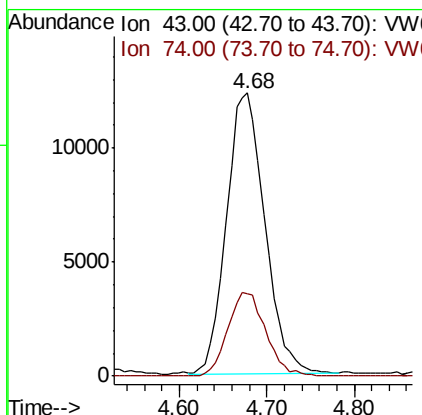
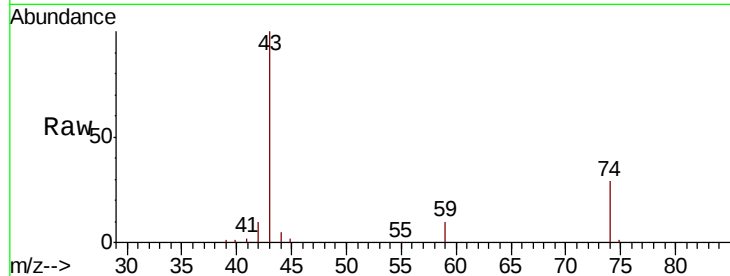




#15
Methvl Acetate
Concen: 23.643 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

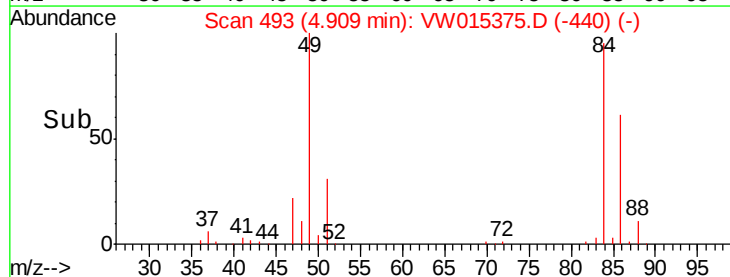
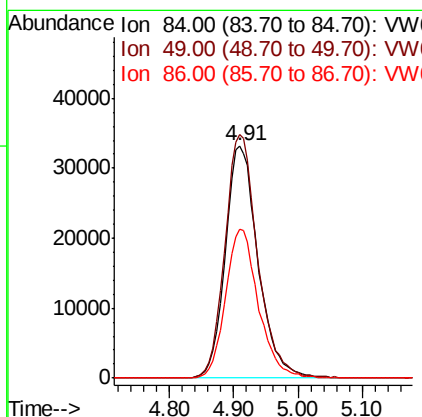
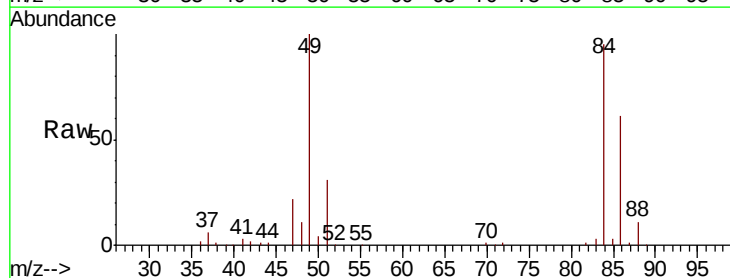
Instrument :
MSVOA_W
ClientSampled :

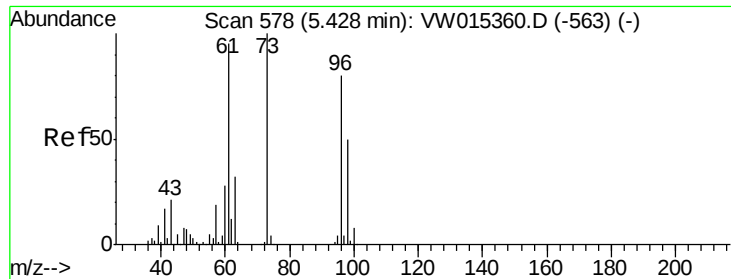
Tot Ion: 43 Resp: 37446
Ion Ratio Lower Upper
43 100
74 29.6 23.5 35.3



#16
Methylene chloride
Concen: 22.020 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

Tgt Ion: 84 Resp: 118163
Ion Ratio Lower Upper
84 100
49 104.9 74.6 138.6
86 64.1 44.6 82.8

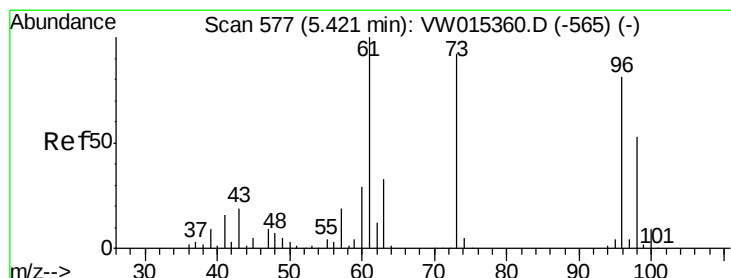
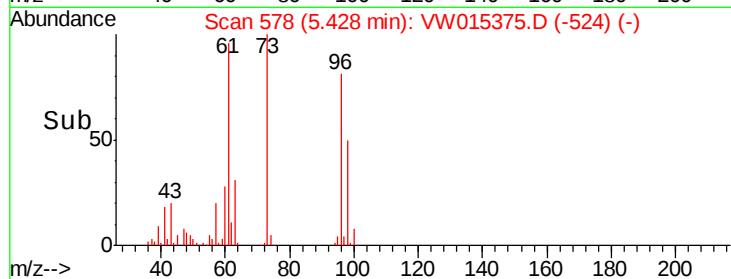
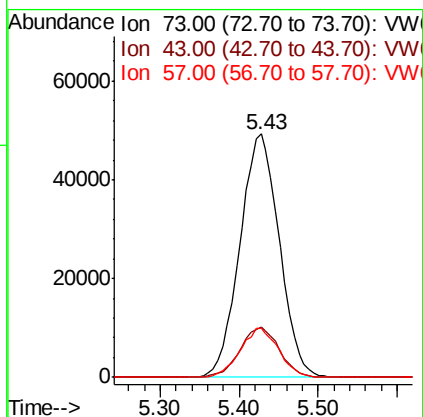
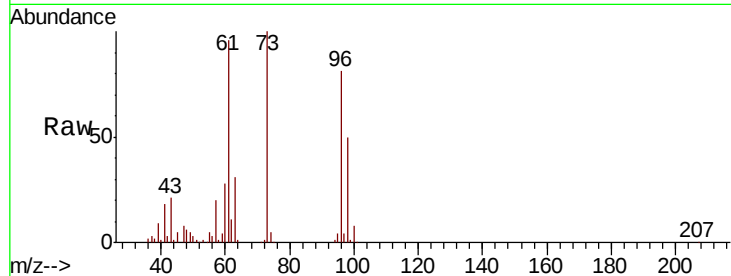




#17
Methvl tert-butvl Ether
Concen: 24.350 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

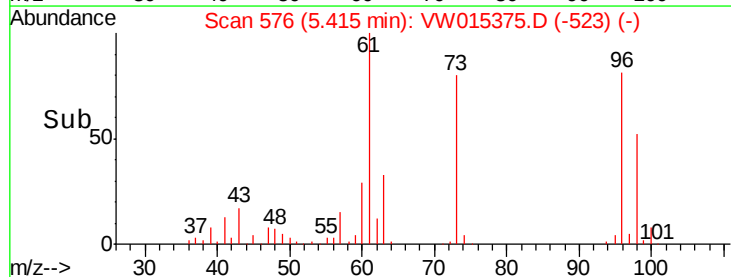
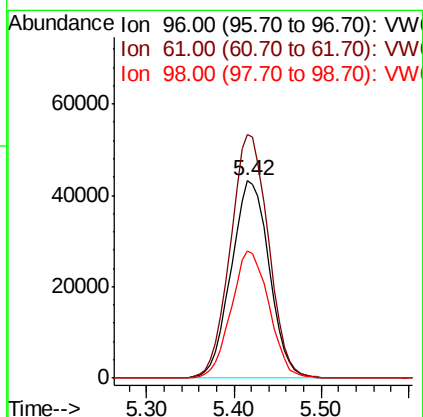
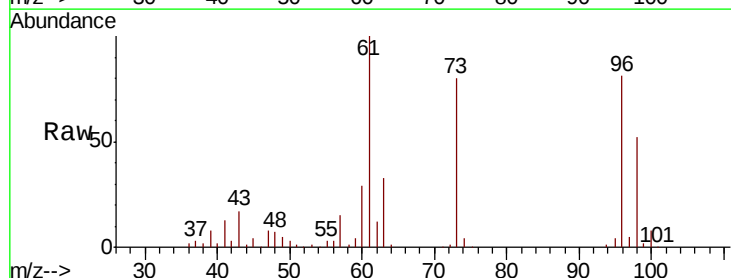
Instrument :
MSVOA_W
ClientSampleId :

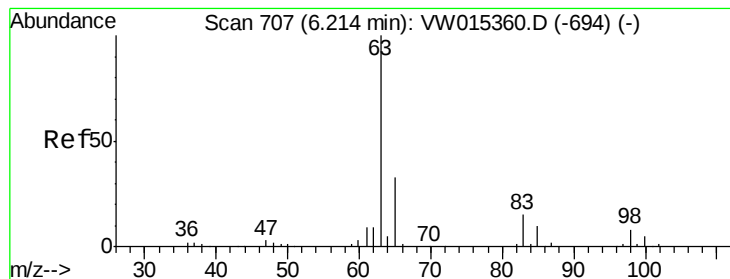
Tot Ion: 73 Resp: 170698
Ion Ratio Lower Upper
73 100
43 20.2 16.7 25.1
57 19.8 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 25.182 ug/L
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

Tgt Ion: 96 Resp: 130790
Ion Ratio Lower Upper
96 100
61 123.6 86.4 160.4
98 64.8 45.3 84.1





#19

1,1-Dichloroethane

Concen: 25.121 ug/L

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

ClientSampleId :

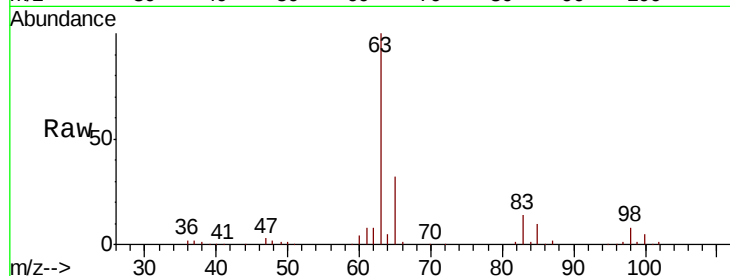
Tot Ion: 63 Resp: 203213

Ion Ratio Lower Upper

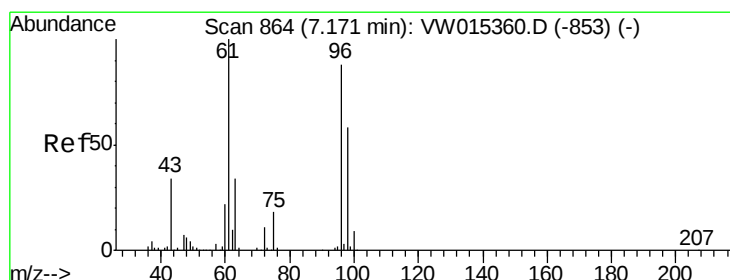
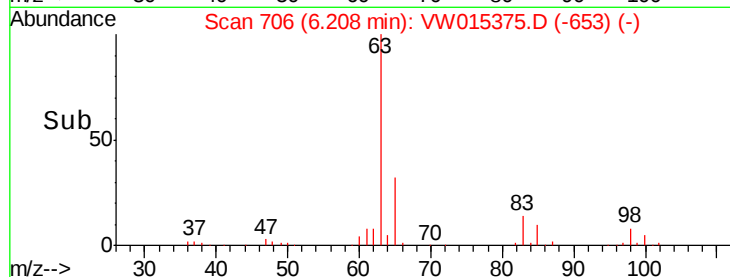
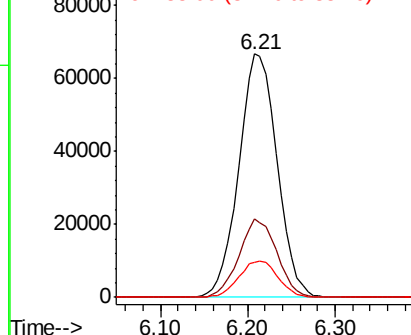
63 100

65 32.0 23.2 43.0

83 14.2 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: 42.986 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015375.D

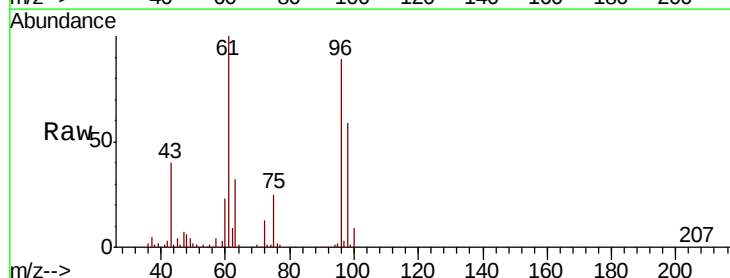
Acq: 29 Apr 2020 09:49

Tgt Ion: 43 Resp: 51632

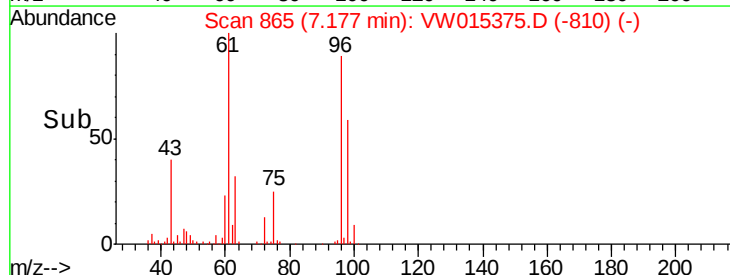
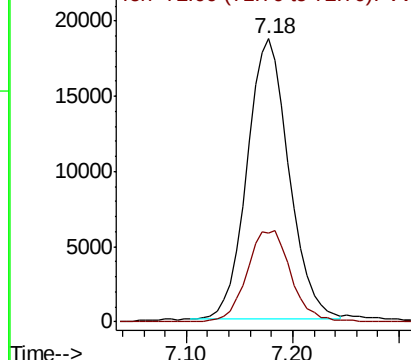
Ion Ratio Lower Upper

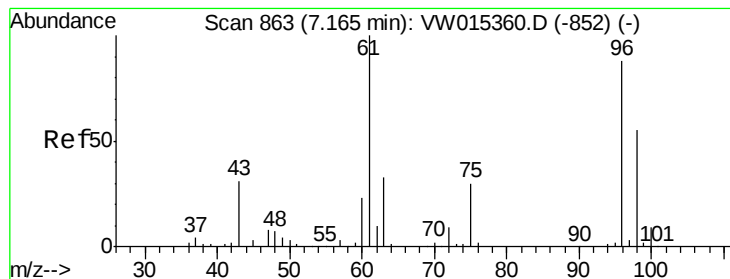
43 100

72 33.9 16.0 47.9



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



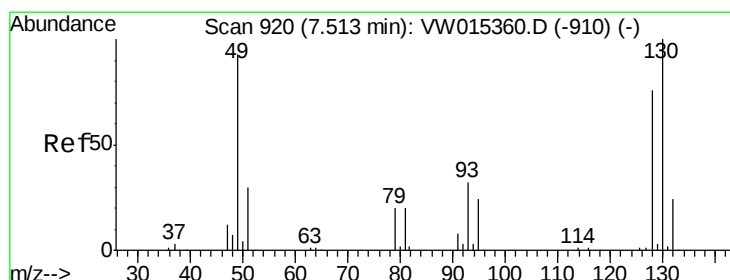
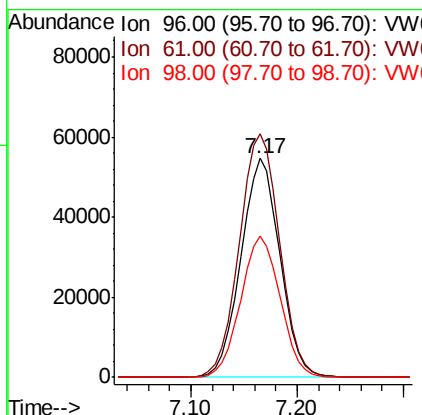
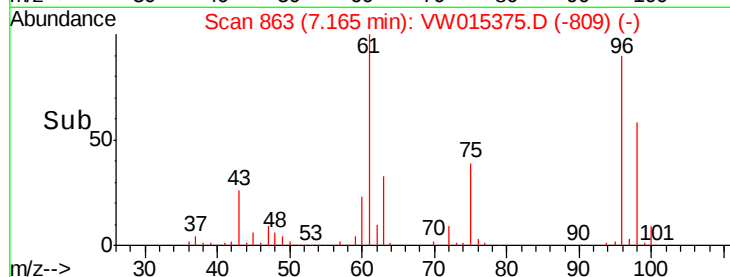
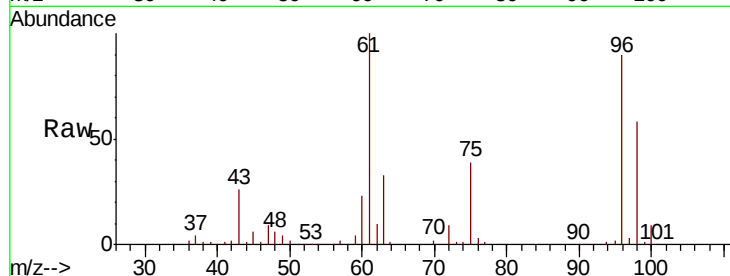


#22

cis-1,2-Dichloroethene
Concen: 25.089 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

Instrument :
MSVOA_W
ClientSampled :

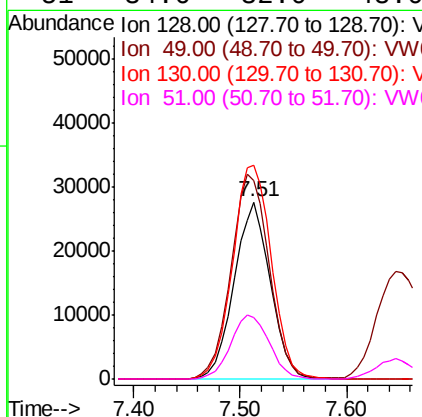
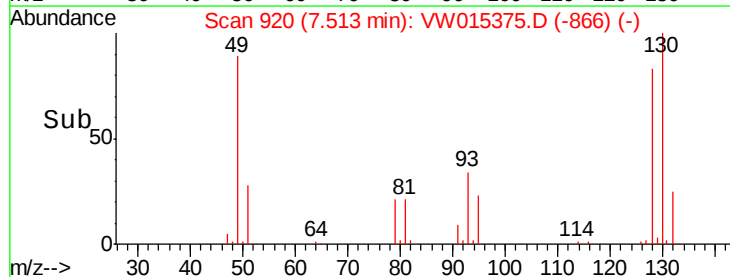
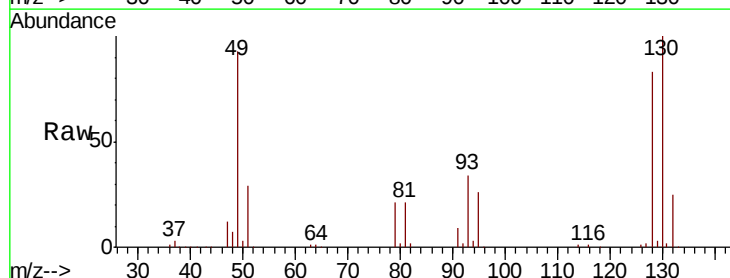
Tot Ion: 96 Resp: 140710
Ion Ratio Lower Upper
96 100
61 111.2 79.3 147.3
98 64.3 43.6 81.0

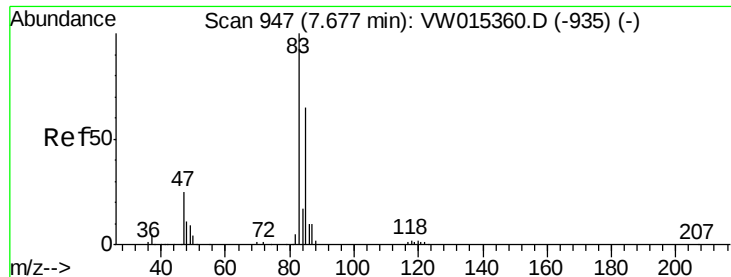


#23

Bromochloromethane
Concen: 24.568 ug/L
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

Tgt Ion: 128 Resp: 66154
Ion Ratio Lower Upper
128 100
49 112.2 85.8 159.4
130 120.8 92.2 171.2
51 34.6 32.0 48.0





#25

Chloroform

Concen: 25.026 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

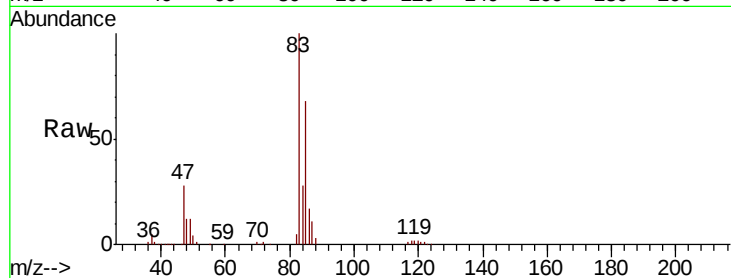
ClientSampled :

Tot Ion: 83 Resp: 230270

Ion Ratio Lower Upper

83 100

85 66.3 46.1 85.5



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

7.67

100000

80000

60000

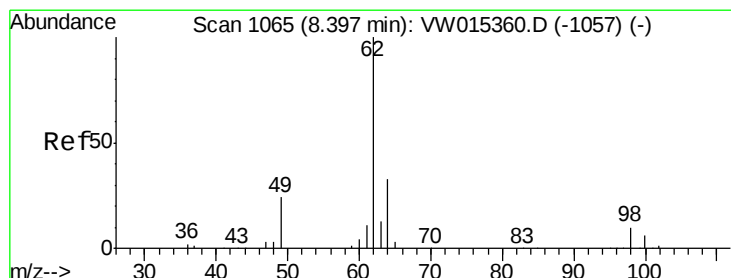
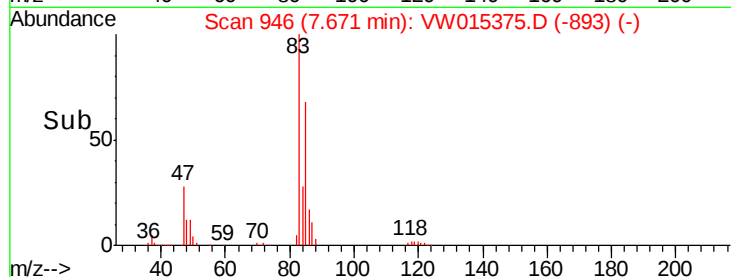
40000

20000

0

Time-->

7.60 7.70 7.80



#27

1,2-Dichloroethane

Concen: 25.103 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW015375.D

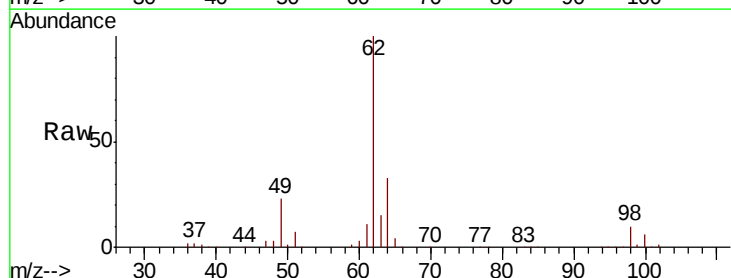
Acq: 29 Apr 2020 09:49

Tgt Ion: 62 Resp: 146487

Ion Ratio Lower Upper

62 100

98 10.0 7.9 11.9



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

80000

60000

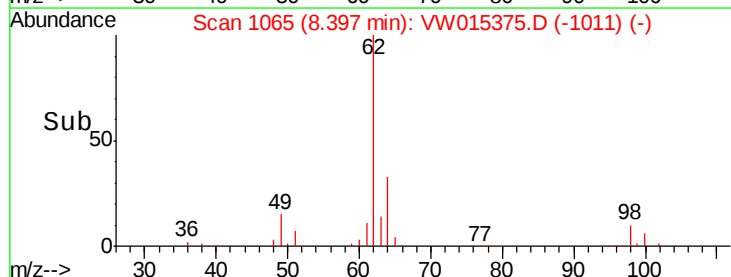
40000

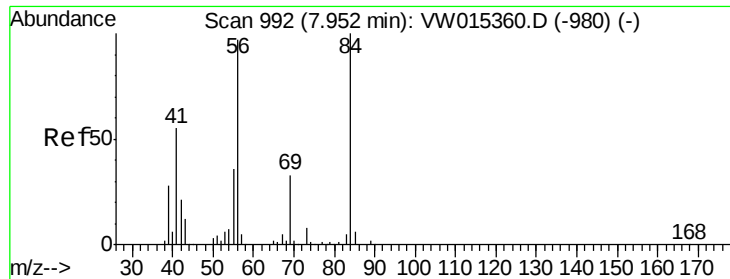
20000

0

Time-->

8.30 8.35 8.40 8.45 8.50

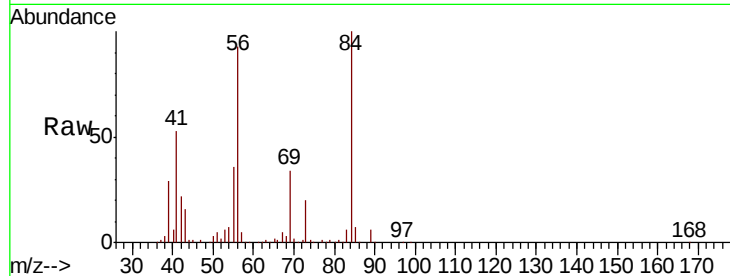




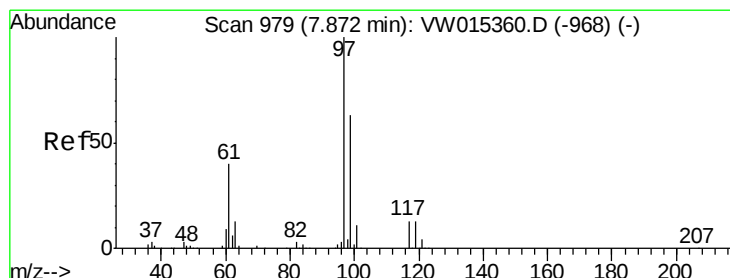
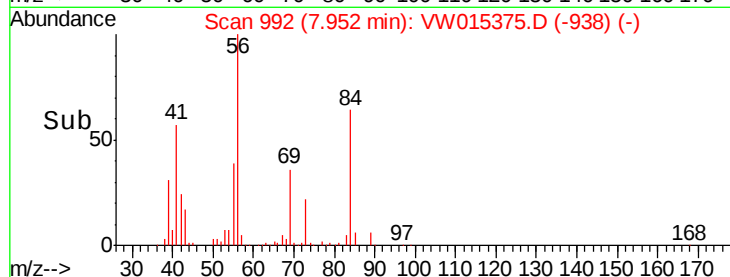
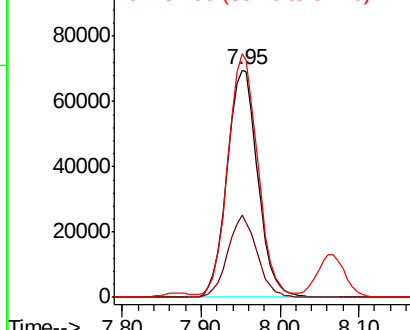
#30
Cyclohexane
Concen: 25.939 ug/L
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 188609
Ion Ratio Lower Upper
56 100
69 34.4 27.4 41.2
84 104.9 83.2 124.8

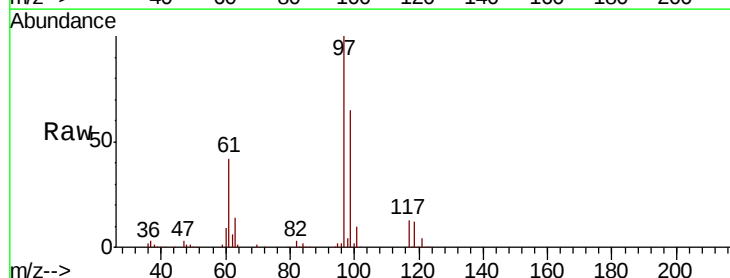


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

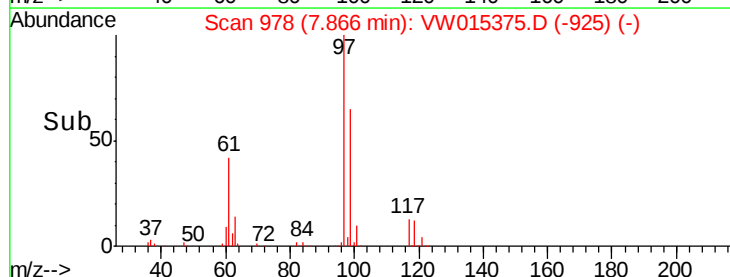
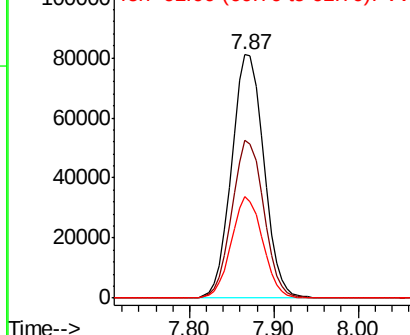


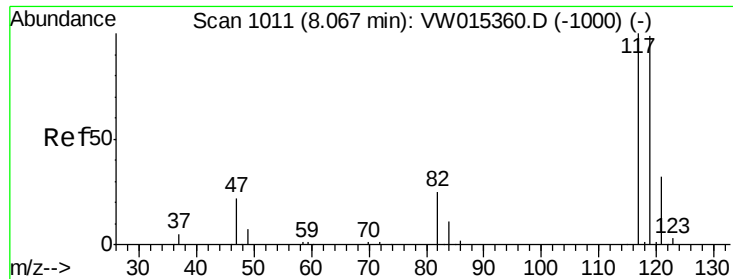
#31
1,1,1-Trichloroethane
Concen: 25.740 ug/L
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

Tgt Ion: 97 Resp: 210323
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 40.6 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: 26.058 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

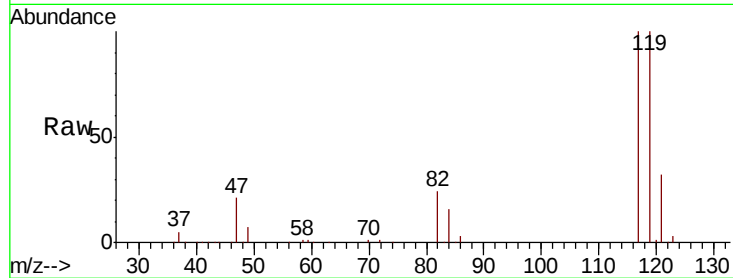
ClientSampleId :

Tot Ion:117 Resp: 205882

Ion Ratio Lower Upper

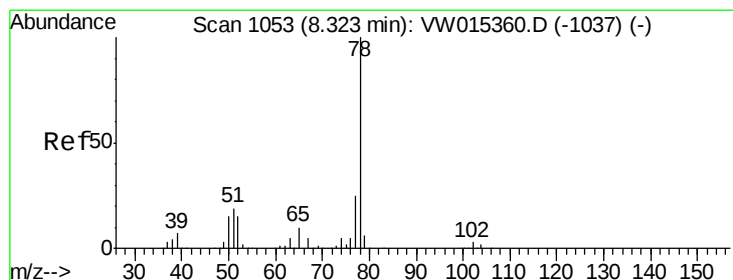
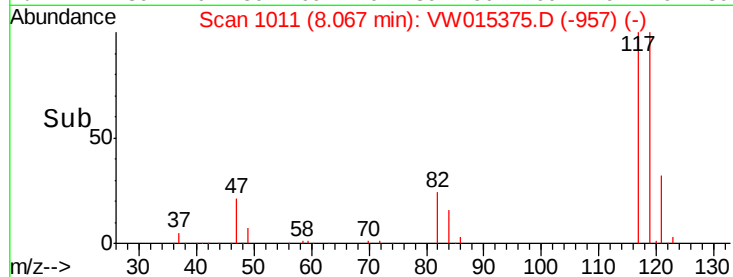
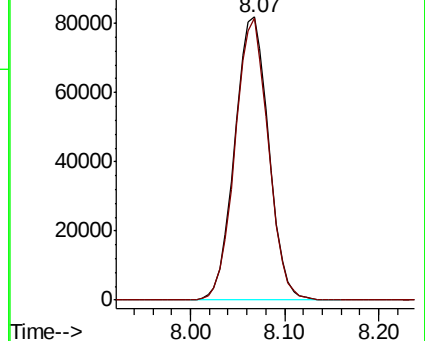
117 100

119 97.1 76.5 114.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.585 ug/L

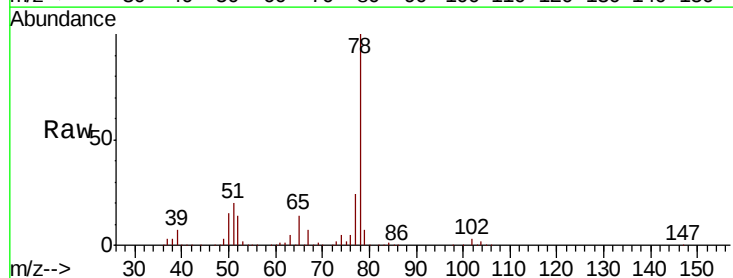
RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

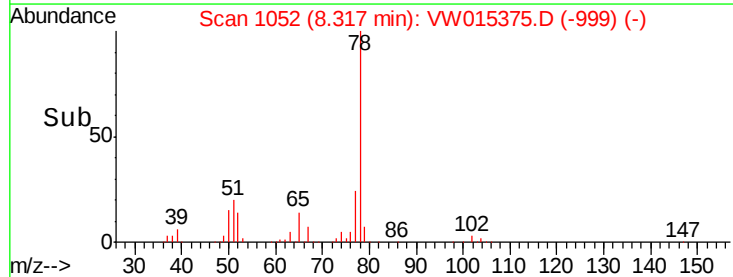
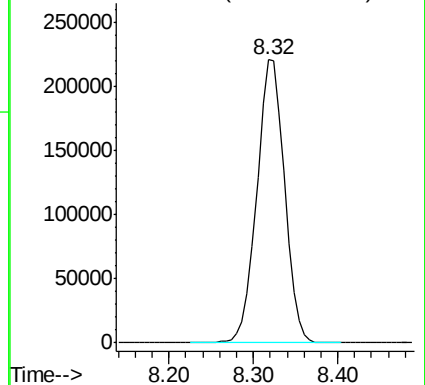
Lab File: VW015375.D

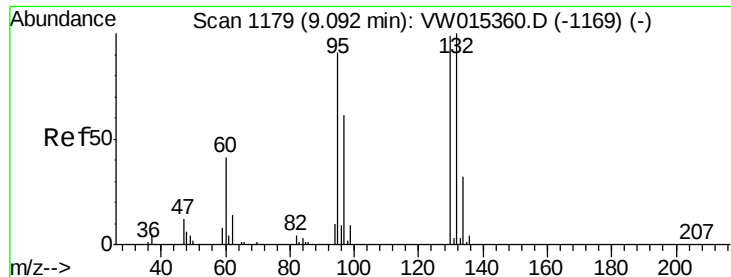
Acq: 29 Apr 2020 09:49

Tgt Ion: 78 Resp: 498039



Abundance Ion 78.00 (77.70 to 78.70): VW

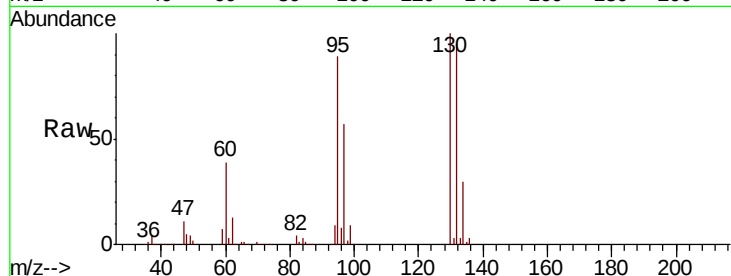




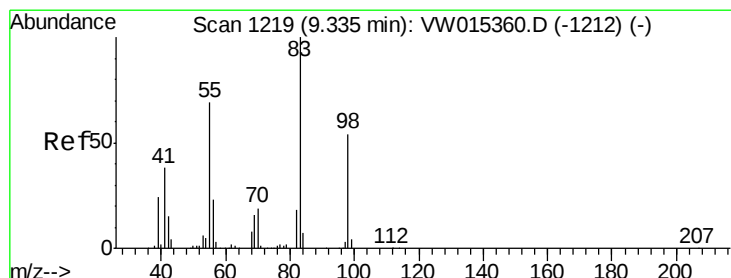
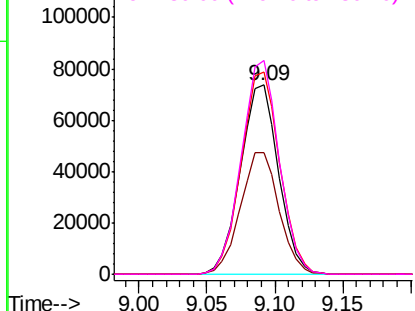
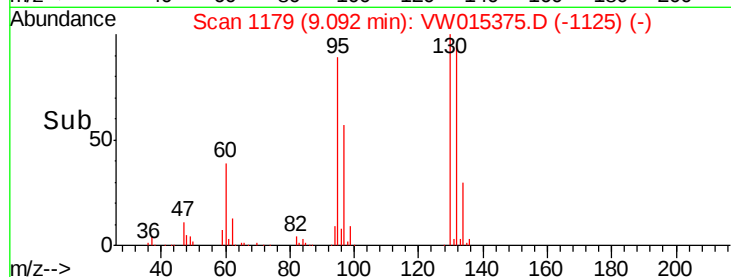
#35
 Trichloroethene
 Concen: 25.929 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	95	Resp:	145207
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	107.8	75.2	139.6
130	111.6	76.7	142.5

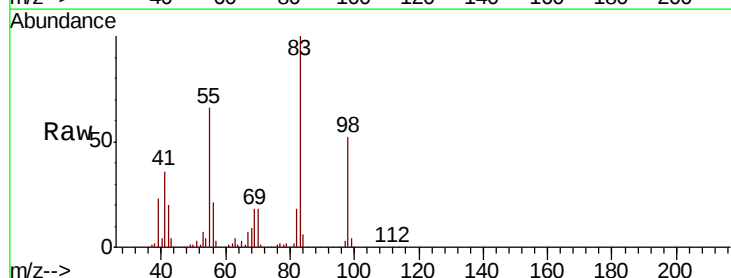


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

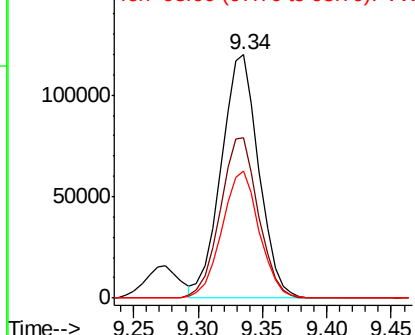
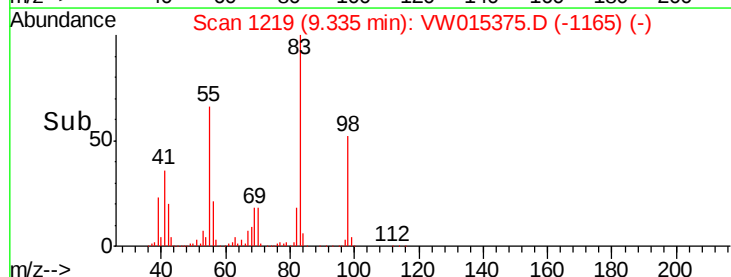


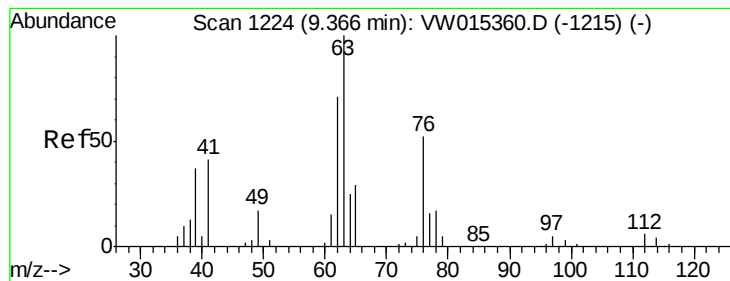
#36
 Methylcyclohexane
 Concen: 25.893 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

Tgt Ion:	83	Resp:	244454
Ion	Ratio	Lower	Upper
83	100		
55	66.8	53.7	80.5
98	51.9	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: 25.150 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

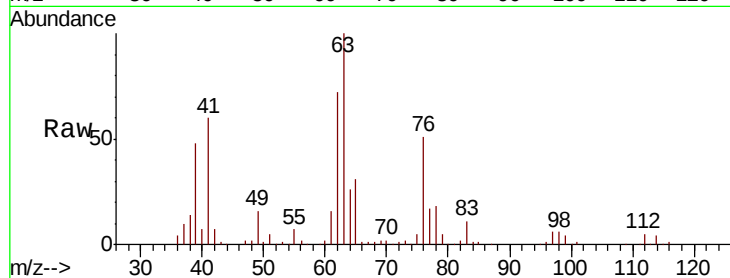
ClientSampleId :

Tot Ion: 63 Resp: 111101

Ion Ratio Lower Upper

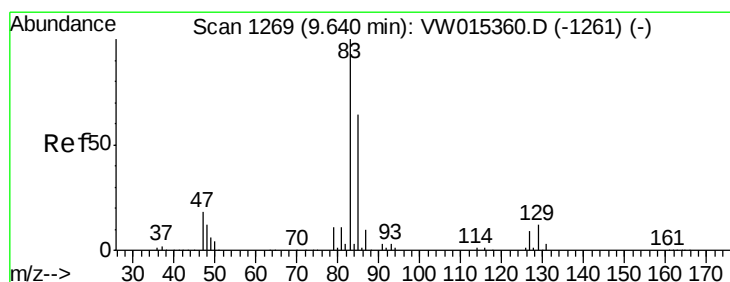
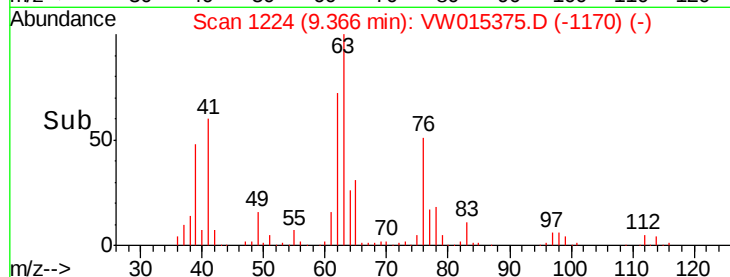
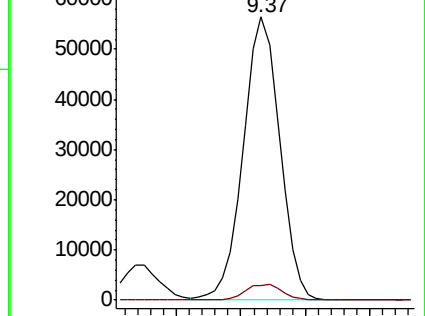
63 100

112 5.6 4.6 6.8



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 25.592 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

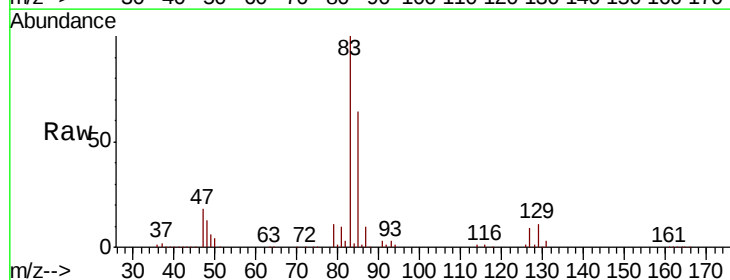
Tgt Ion: 83 Resp: 173052

Ion Ratio Lower Upper

83 100

85 64.2 44.7 83.1

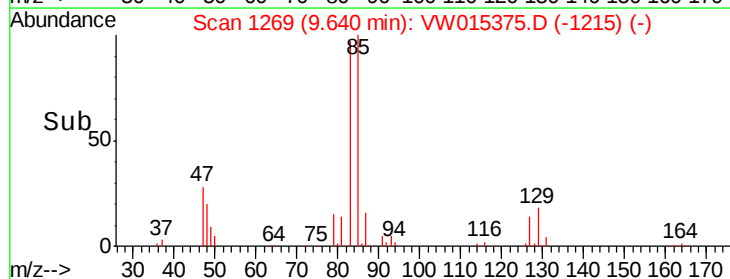
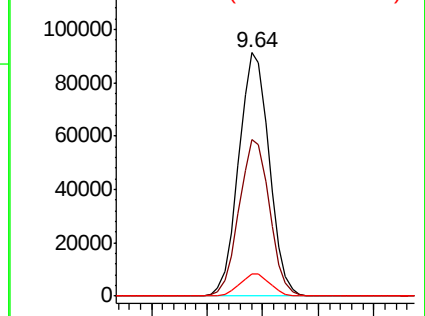
127 9.2 7.0 10.6

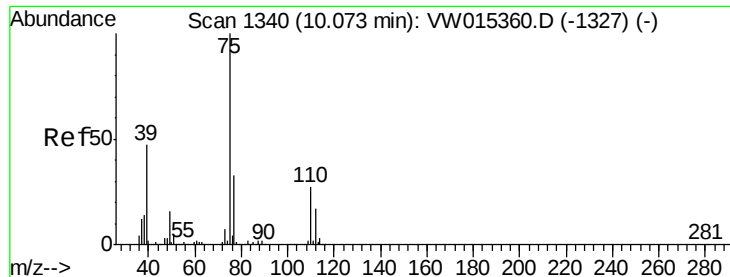


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#42

cis-1,3-Dichloropropene

Concen: 25.509 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

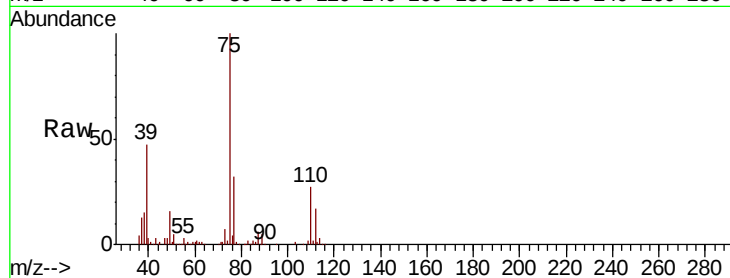
ClientSampled :

Tot Ion: 75 Resp: 197296

Ion Ratio Lower Upper

75 100

77 31.8 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

120000

100000

80000

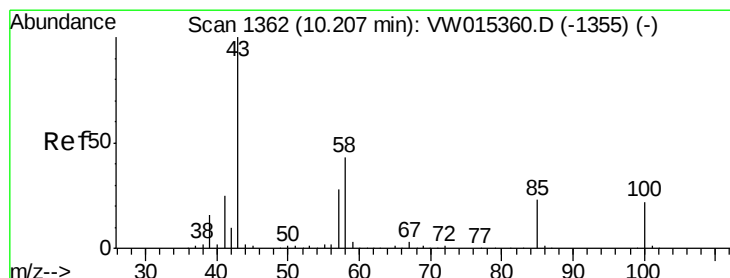
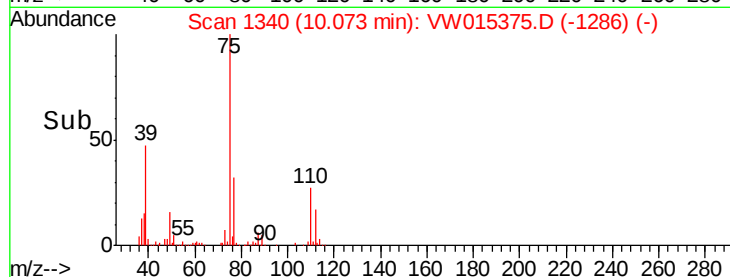
60000

40000

20000

0

Time-->



#43

4-Methyl-2-pentanone

Concen: 42.838 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

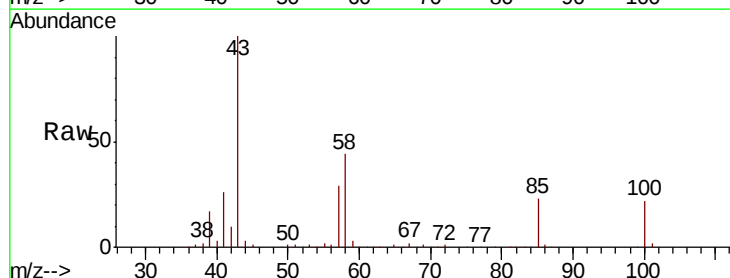
Tgt Ion: 43 Resp: 127612

Ion Ratio Lower Upper

43 100

58 43.2 34.2 51.4

100 21.5 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

200000

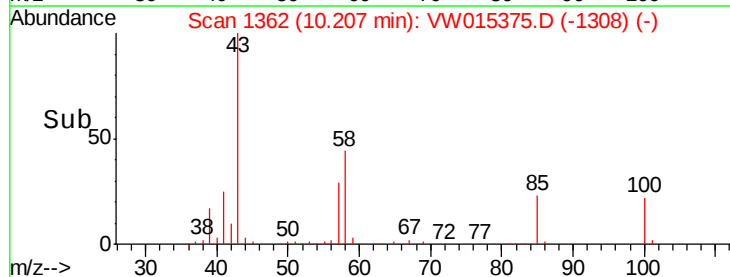
150000

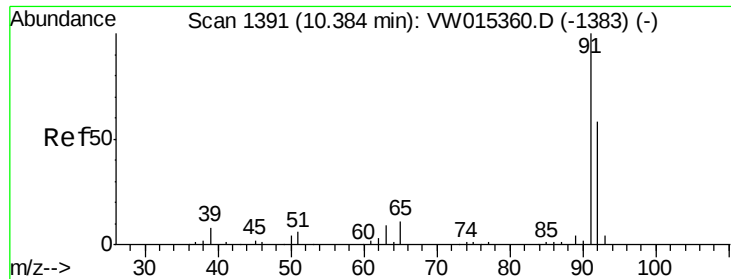
100000

50000

0

Time-->





#44

Toluene

Concen: 25.813 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

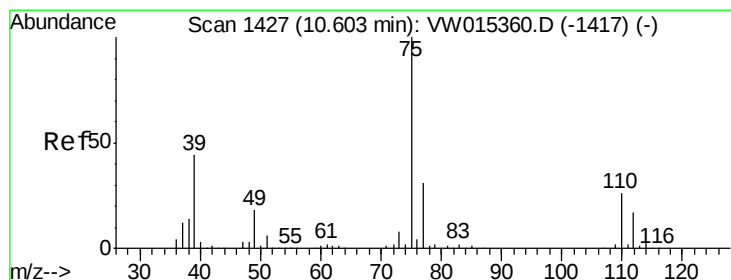
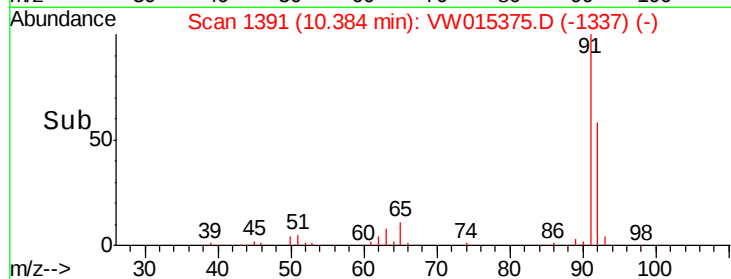
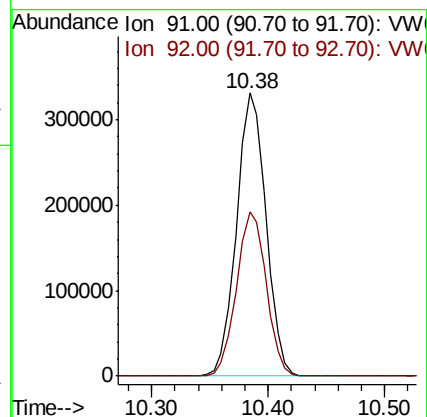
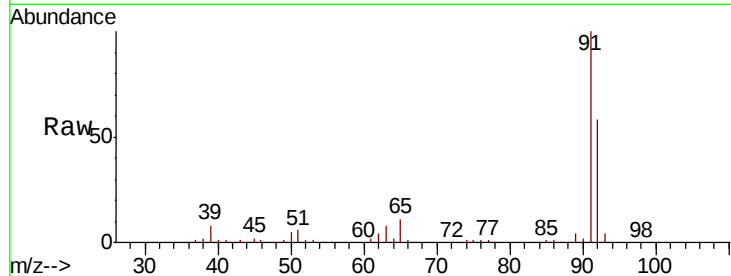
ClientSampleId :

Tot Ion: 91 Resp: 583149

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.7



#45

trans-1,3-Dichloropropene

Concen: 25.644 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015375.D

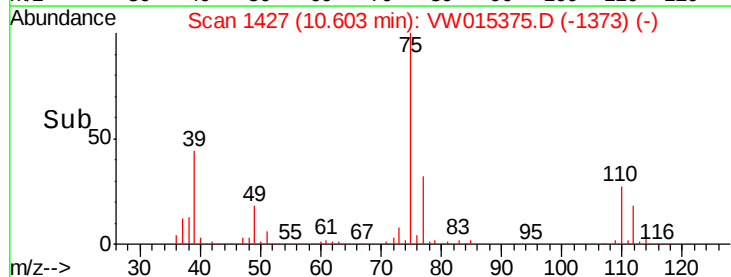
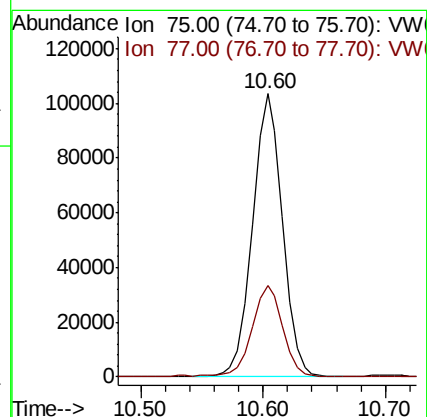
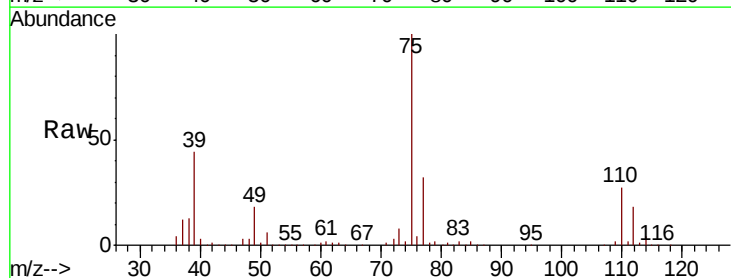
Acq: 29 Apr 2020 09:49

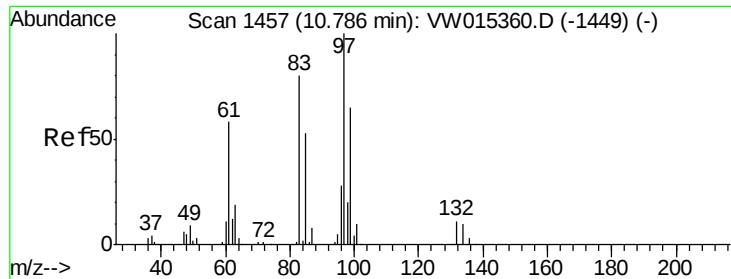
Tgt Ion: 75 Resp: 176299

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0

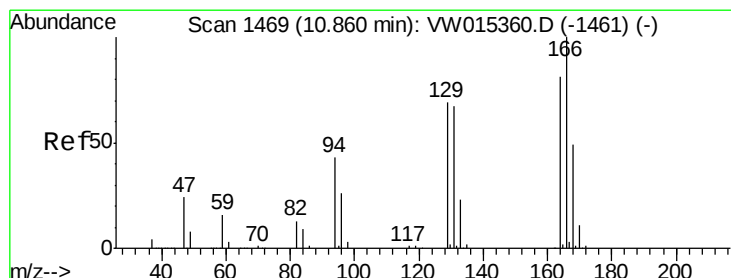
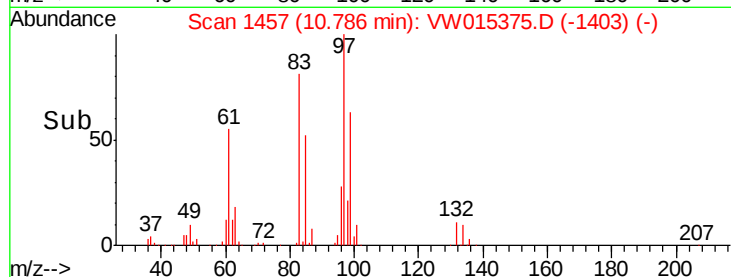
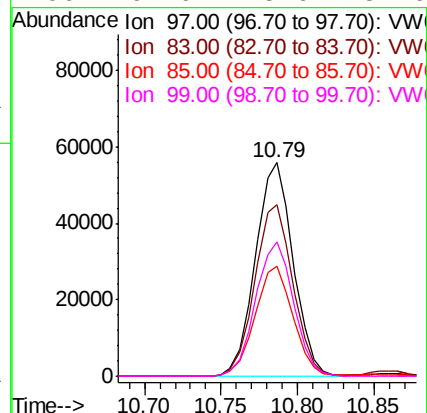
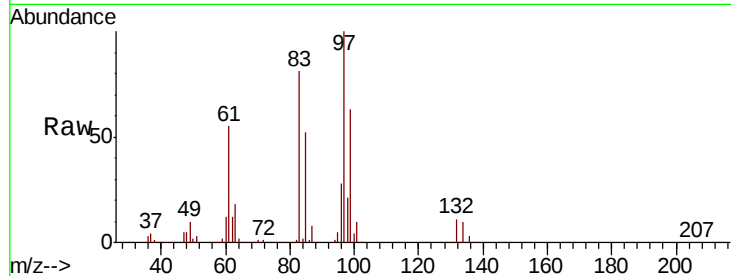




#46
 1,1,2-Trichloroethane
 Concen: 25.281 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

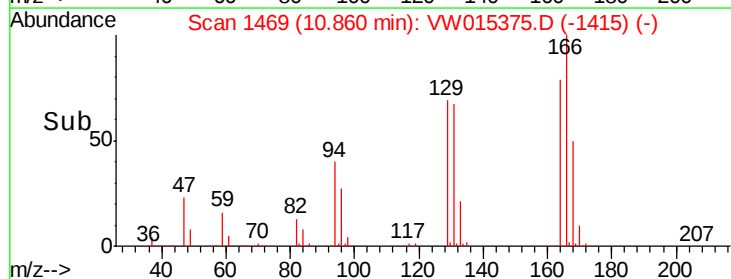
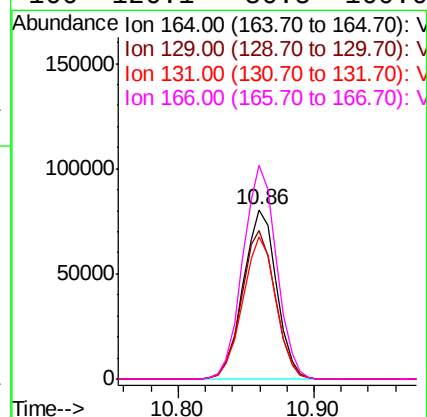
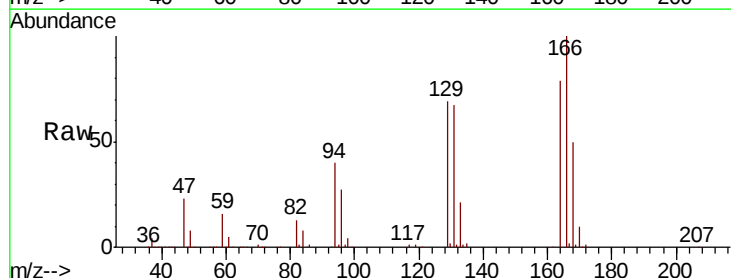
Instrument :
 MSVOA_W
 ClientSampleId :

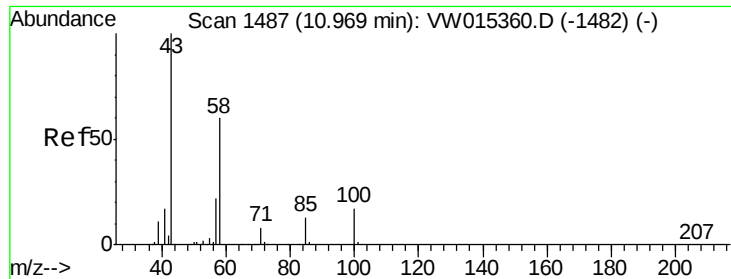
Tot Ion:	97	Resp:	95851
Ion	Ratio	Lower	Upper
97	100		
83	80.5	56.1	104.1
85	51.7	37.2	69.0
99	62.9	45.6	84.6



#47
 Tetrachloroethene
 Concen: 25.817 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

Tgt Ion:	164	Resp:	137934
Ion	Ratio	Lower	Upper
164	100		
129	87.3	60.0	111.4
131	84.2	58.0	107.8
166	126.1	86.5	160.6





#49

2-Hexanone

Concen: 51.705 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 84330

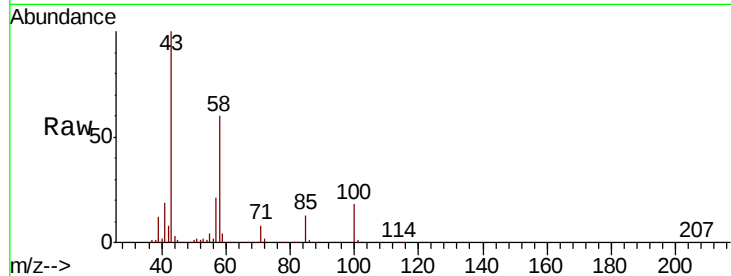
Ion Ratio Lower Upper

43 100

58 59.7 47.1 70.7

57 20.9 16.9 25.3

100 16.7 13.2 19.8



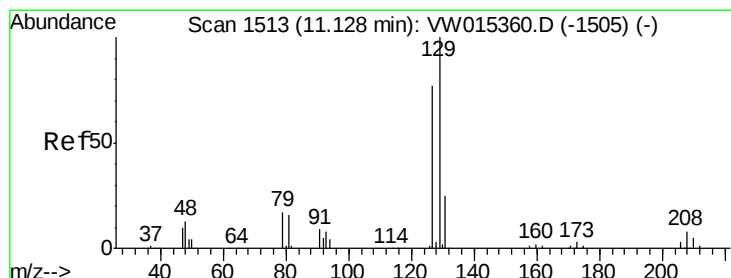
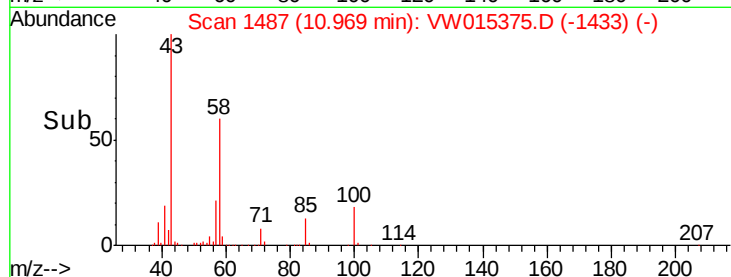
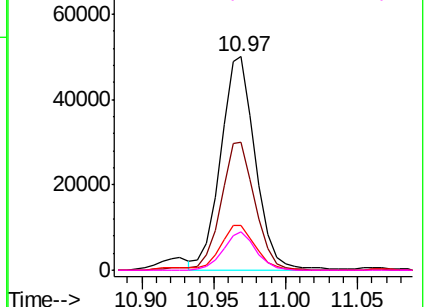
Abundance

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: 25.051 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW015375.D

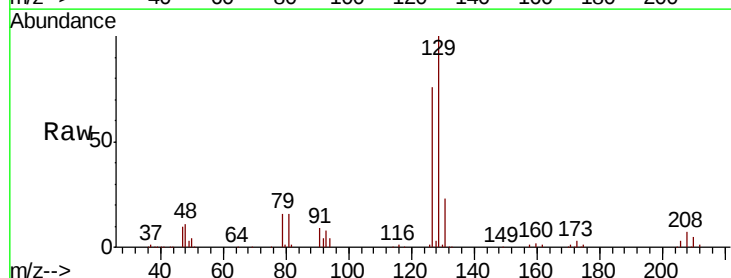
Acq: 29 Apr 2020 09:49

Tgt Ion: 129 Resp: 128453

Ion Ratio Lower Upper

129 100

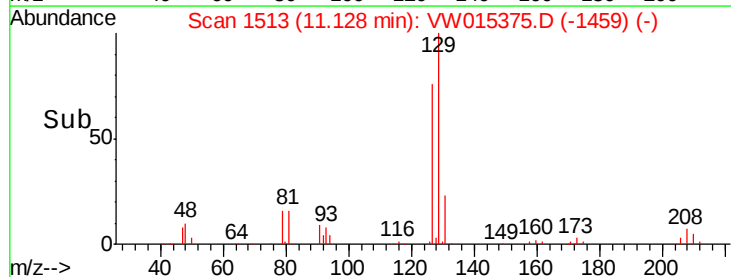
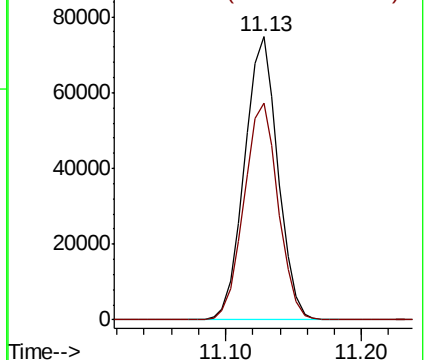
127 76.5 53.9 100.1

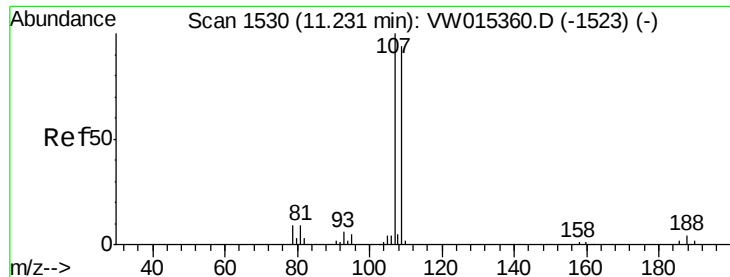


Abundance

Ion 129.00 (128.70 to 129.70): VW

Ion 127.00 (126.70 to 127.70): VW

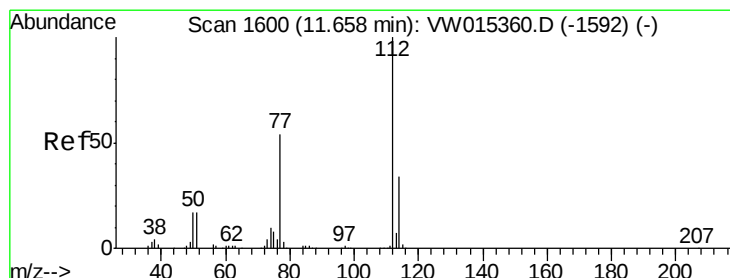
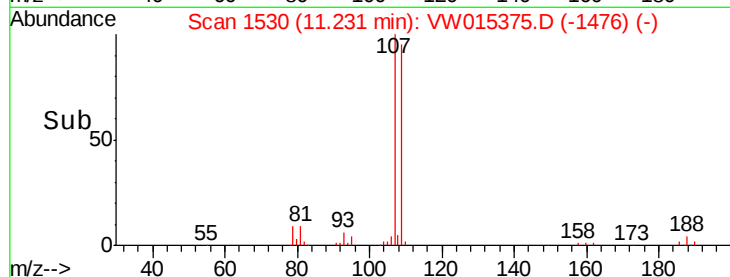
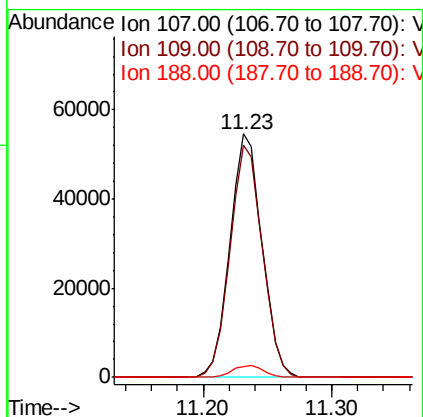
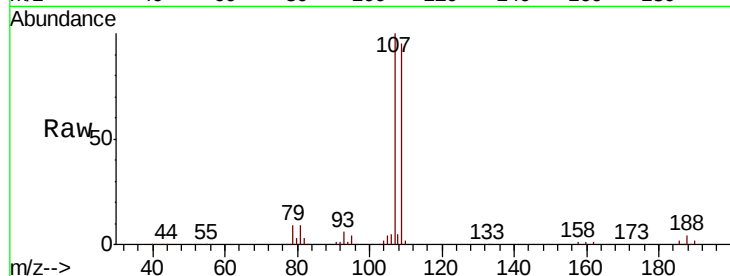




#51
 1,2-Dibromoethane
 Concen: 25.130 ug/L
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

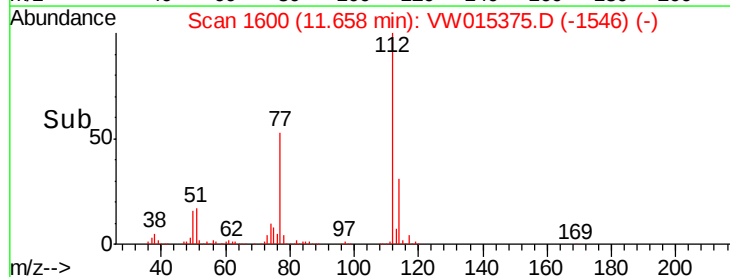
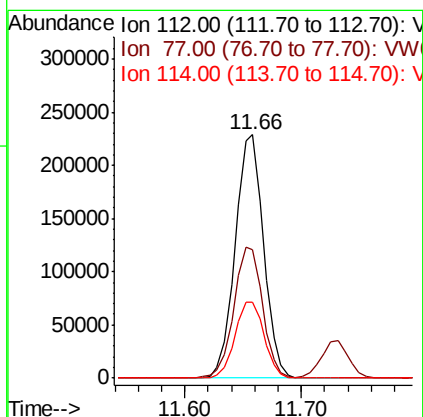
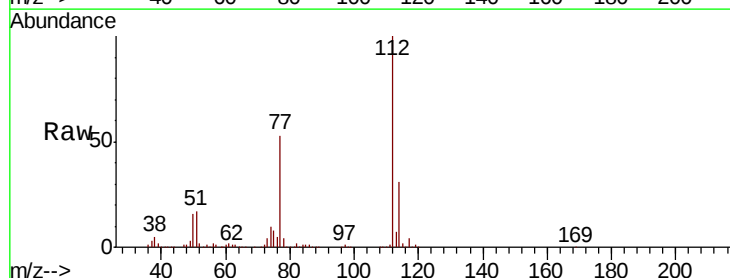
Instrument :
 MSVOA_W
 ClientSampleId :

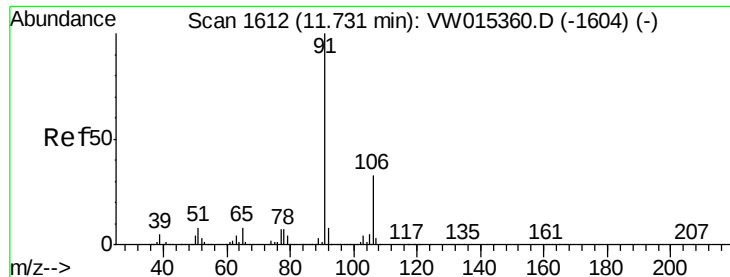
Tot Ion:107 Resp: 94994
 Ion Ratio Lower Upper
 107 100
 109 95.3 65.9 122.5
 188 4.4 3.6 5.4



#52
 Chlorobenzene
 Concen: 25.518 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

Tgt Ion:112 Resp: 388521
 Ion Ratio Lower Upper
 112 100
 77 52.9 43.8 65.6
 114 31.1 23.5 43.7

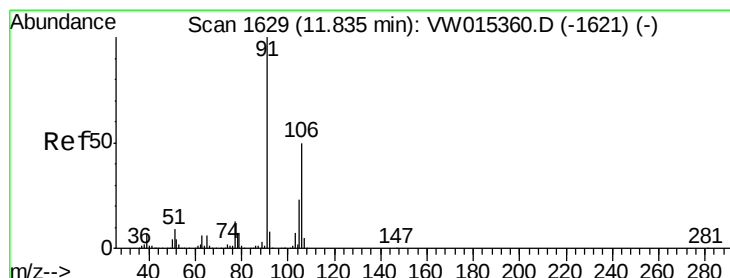
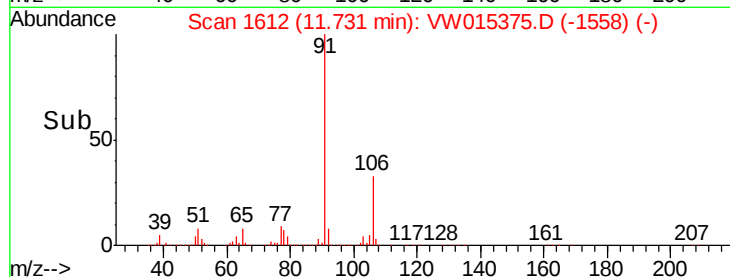
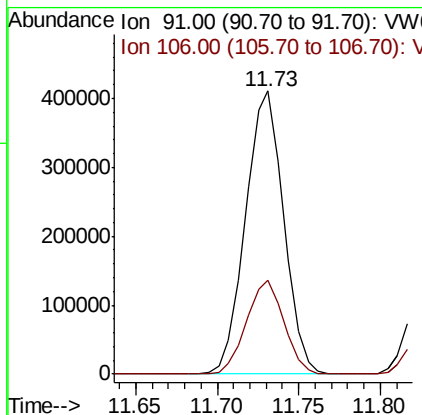
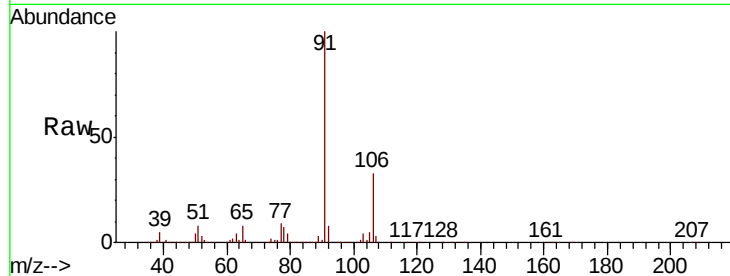




#53
Ethylbenzene
Concen: 25.508 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

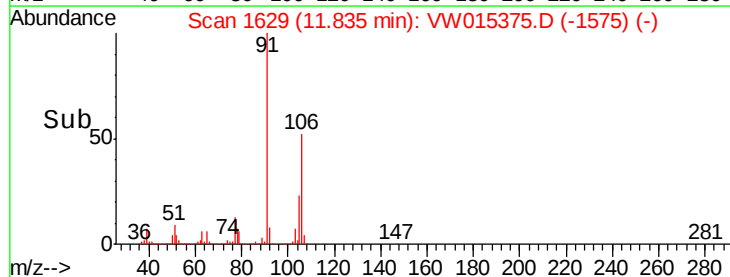
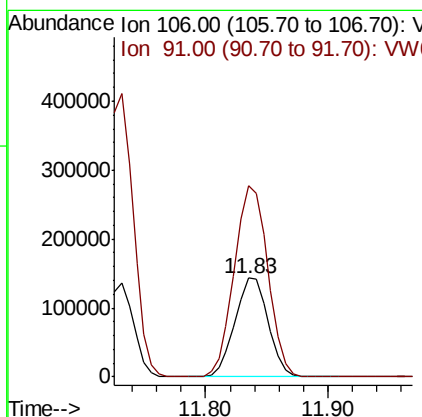
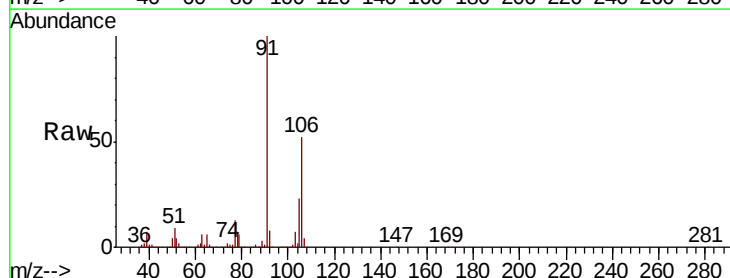
Instrument :
MSVOA_W
ClientSampleId :

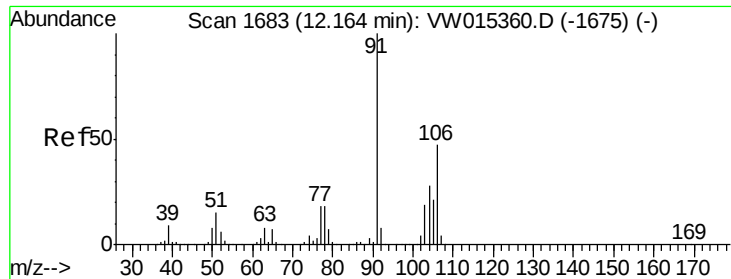
Tot Ion: 91 Resp: 666487
Ion Ratio Lower Upper
91 100
106 33.0 23.0 42.8



#54
m,p-Xylene
Concen: 26.120 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

Tgt Ion: 106 Resp: 270165
Ion Ratio Lower Upper
106 100
91 193.6 140.8 261.4

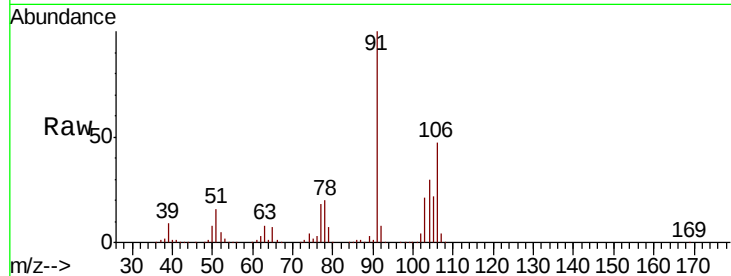




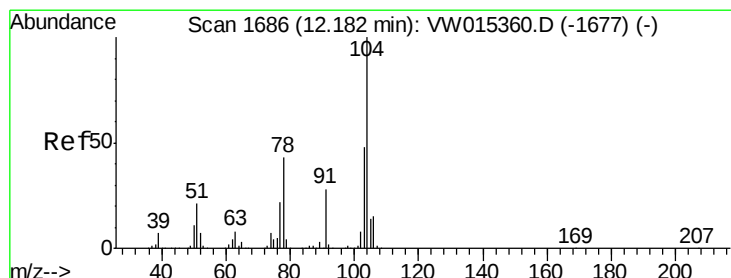
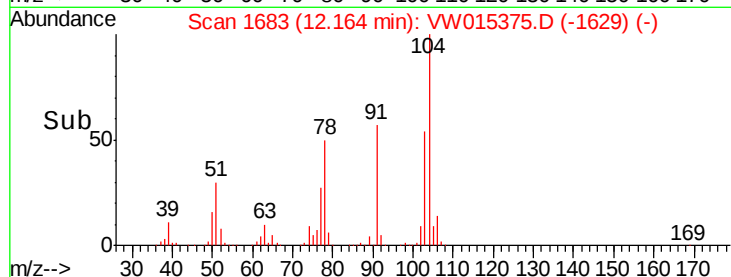
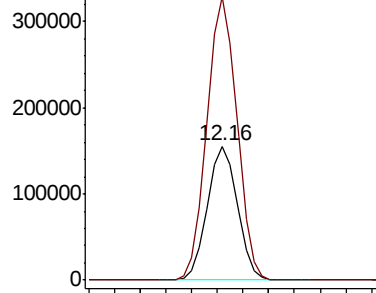
#55
o-xylene
Concen: 25.465 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 252689
Ion Ratio Lower Upper
106 100
91 211.1 147.5 273.9

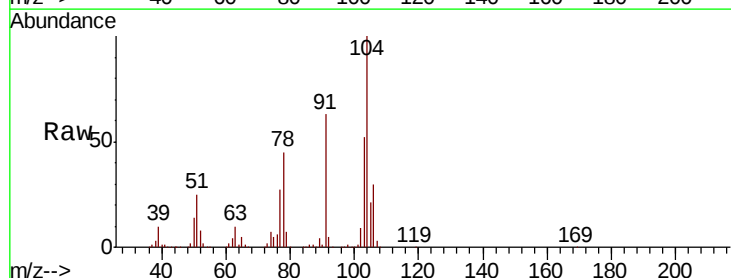


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

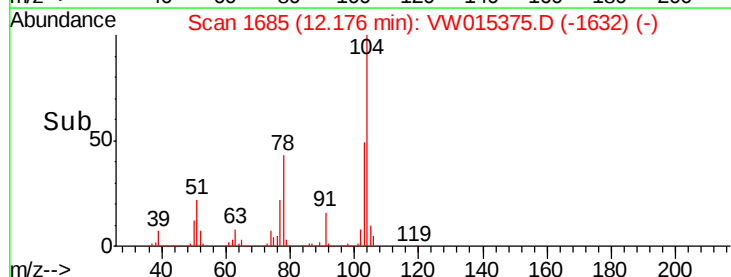
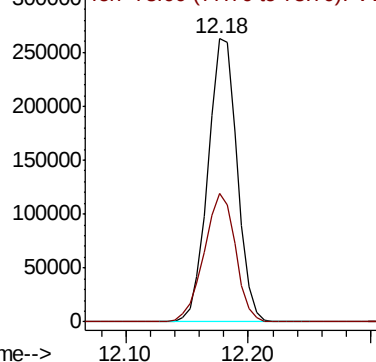


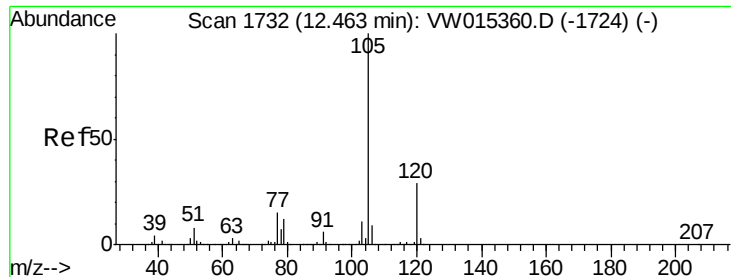
#56
Styrene
Concen: 25.965 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015375.D
Acq: 29 Apr 2020 09:49

Tgt Ion:104 Resp: 432565
Ion Ratio Lower Upper
104 100
78 45.2 30.1 55.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 26.301 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

ClientSampled :

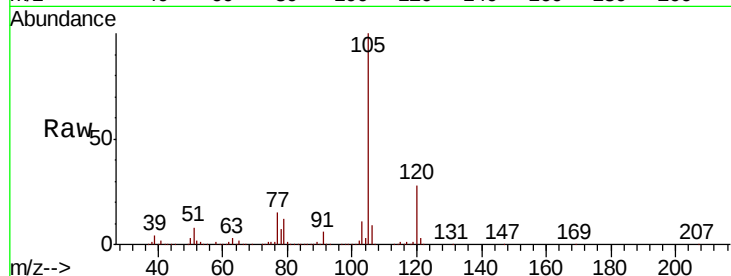
Tot Ion:105 Resp: 710613

Ion Ratio Lower Upper

105 100

120 27.9 22.4 33.6

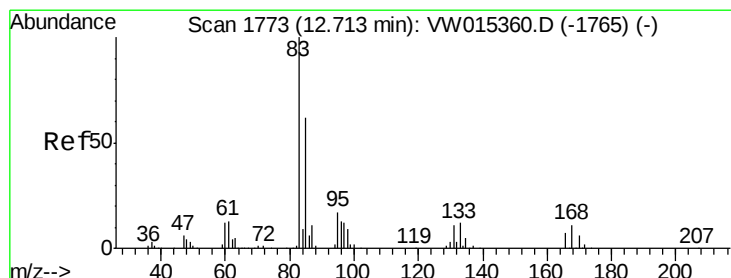
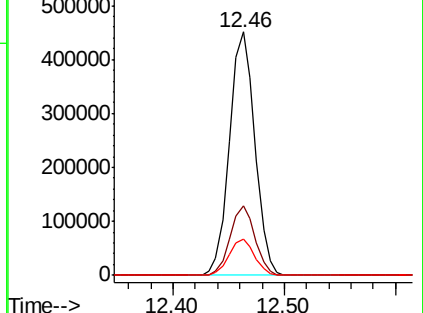
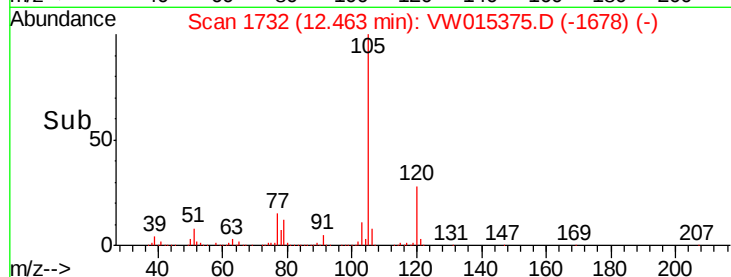
77 14.8 12.2 18.2



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: 25.366 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

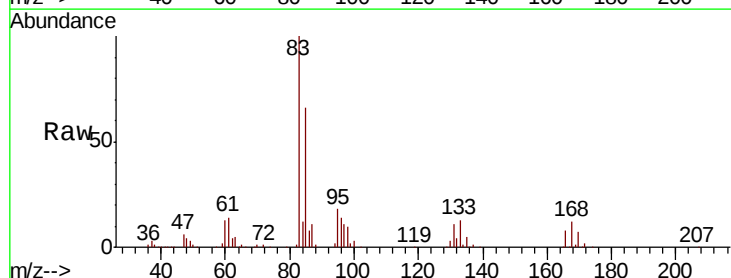
Tgt Ion: 83 Resp: 106973

Ion Ratio Lower Upper

83 100

85 66.4 43.8 81.3

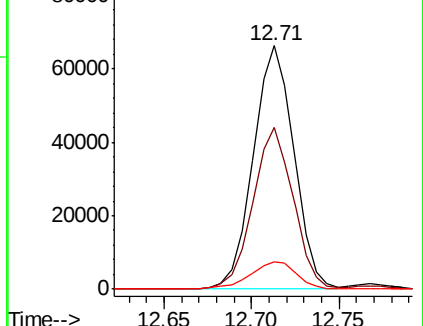
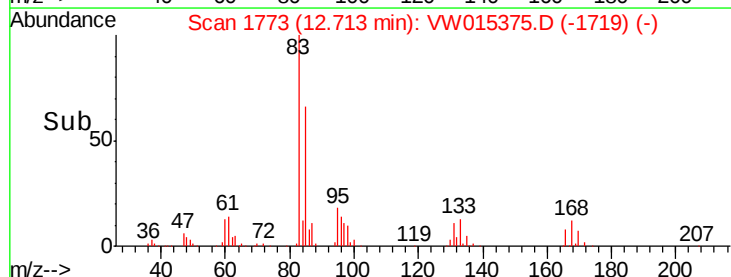
131 11.0 9.1 13.7

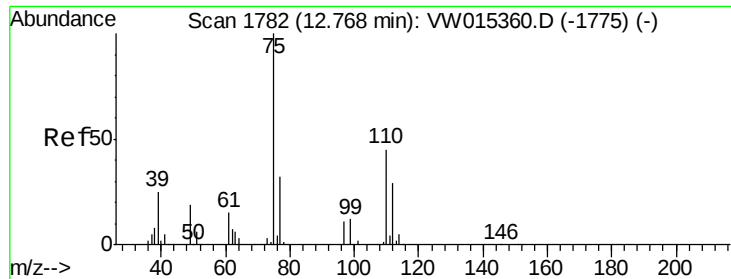


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V

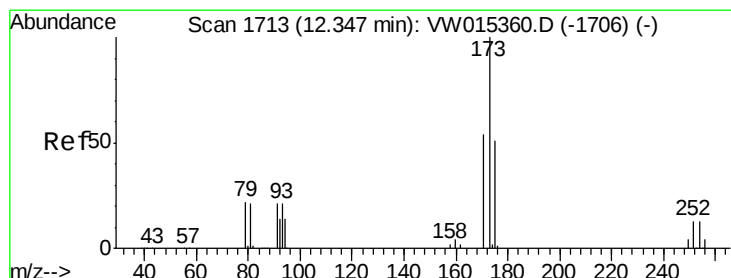
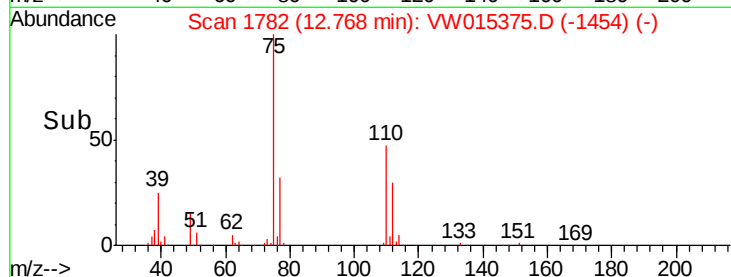
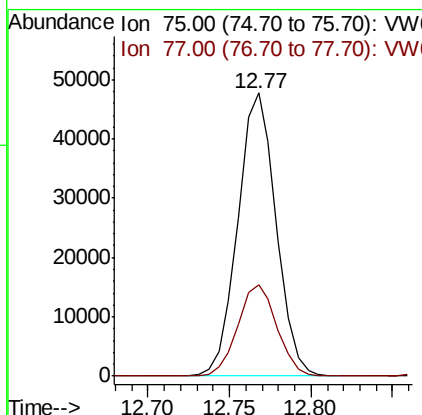
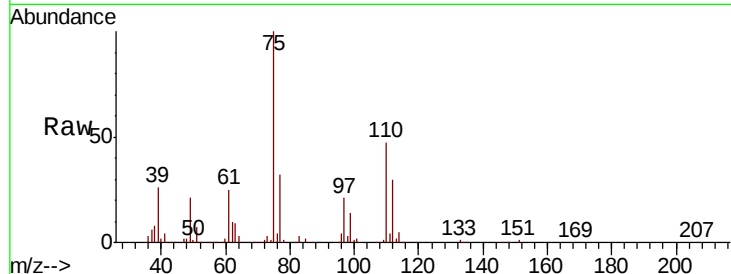




#59
 1,2,3-Trichloropropane
 Concen: 25.310 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

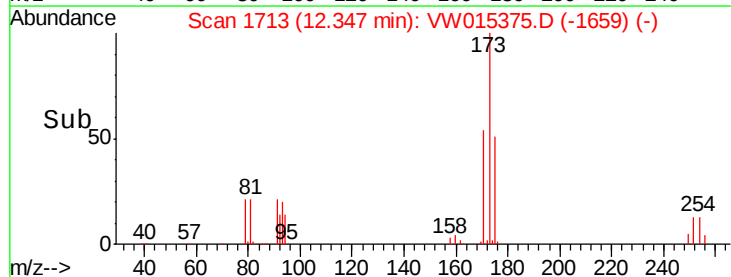
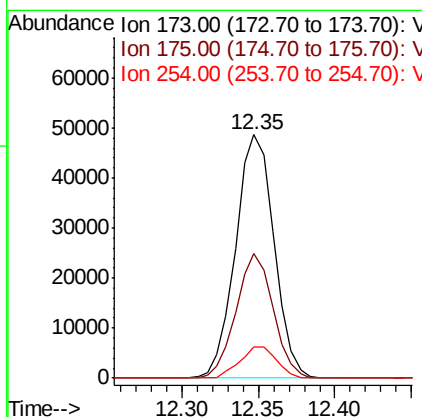
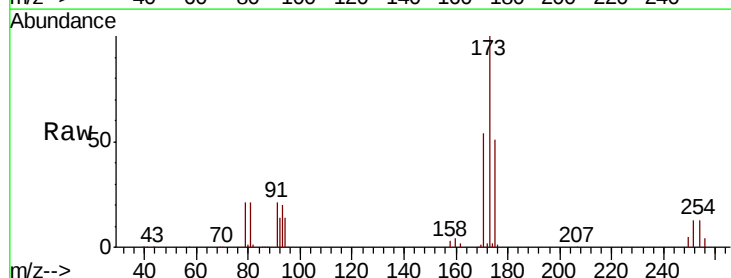
Instrument :
 MSVOA_W
 ClientSampleId :

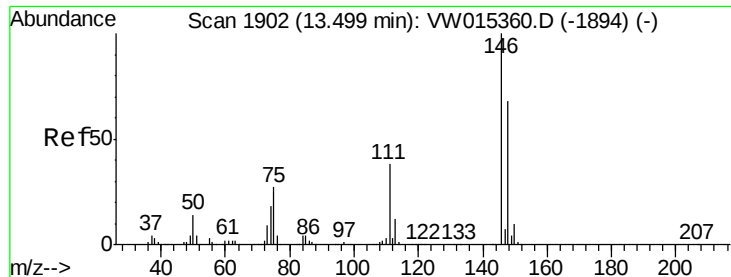
Tot Ion: 75 Resp: 77840
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.4 39.6



#62
 Bromoform
 Concen: 25.359 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

Tgt Ion: 173 Resp: 84828
 Ion Ratio Lower Upper
 173 100
 175 49.5 40.4 60.6
 254 12.2 9.8 14.8

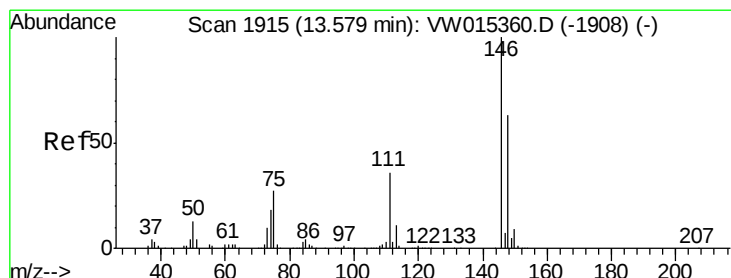
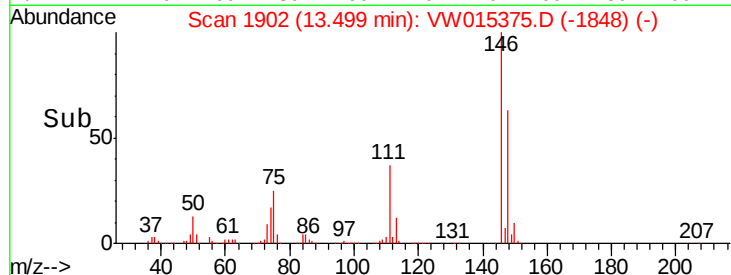
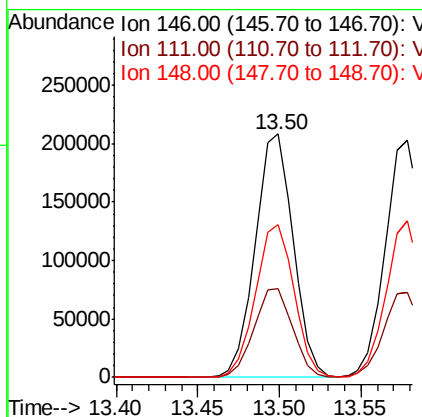
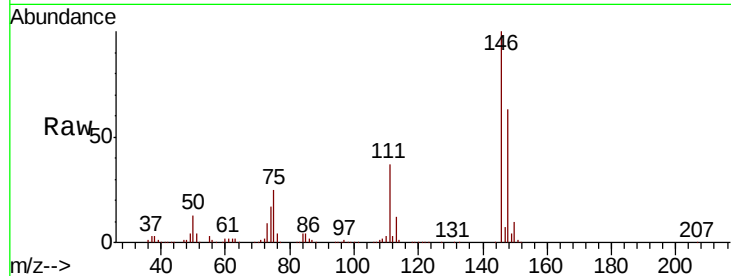




#63
 1,3-Dichlorobenzene
 Concen: 26.143 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

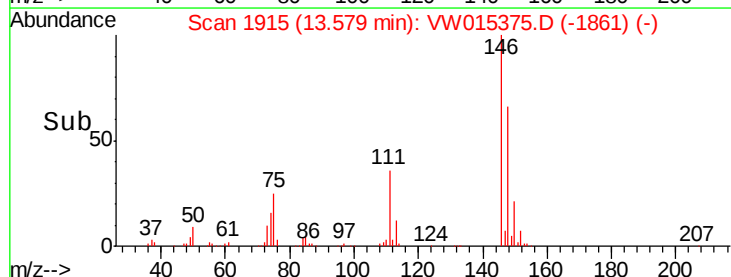
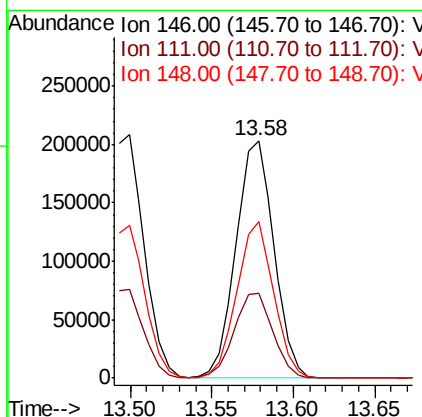
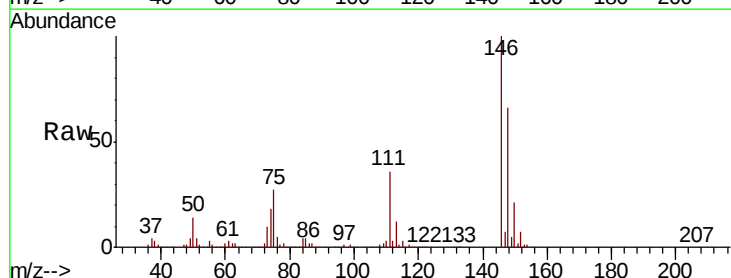
Instrument :
 MSVOA_W
 ClientSampled :

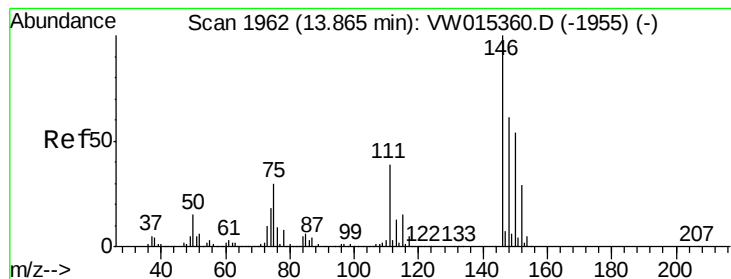
Tot Ion:146 Resp: 338141
 Ion Ratio Lower Upper
 146 100
 111 36.6 26.6 49.4
 148 62.7 47.5 88.3



#64
 1,4-Dichlorobenzene
 Concen: 25.752 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

Tgt Ion:146 Resp: 329533
 Ion Ratio Lower Upper
 146 100
 111 35.8 25.5 47.3
 148 66.0 44.2 82.2





#65

1,2-Dichlorobenzene

Concen: 25.491 ug/L

RT: 13.87 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VW015375.D

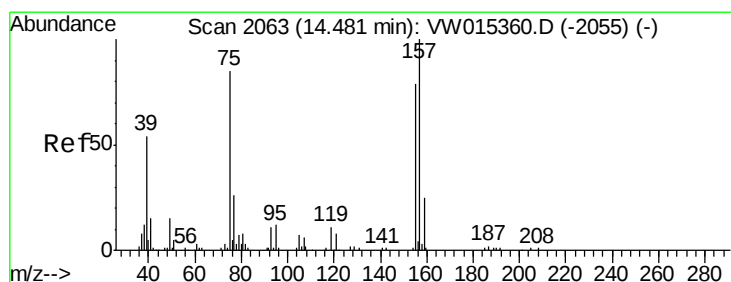
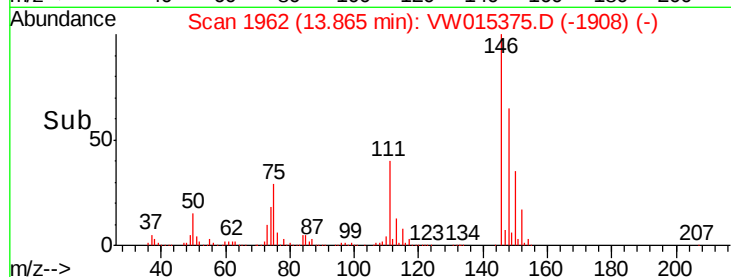
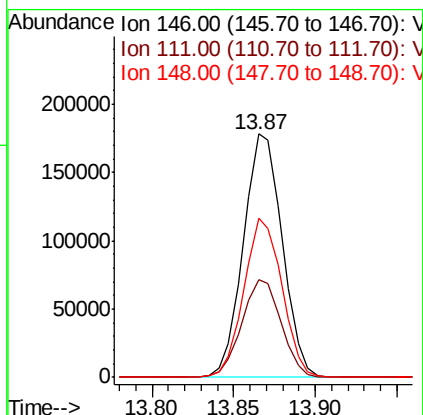
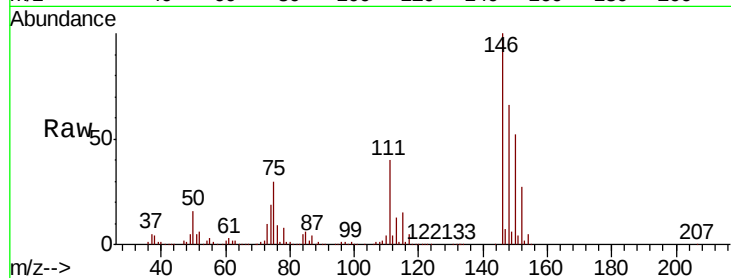
Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	295991
Ion	Ratio	Lower	Upper
146	100		
111	40.2	31.4	47.0
148	65.5	48.9	73.3



#66

1,2-Dibromo-3-chloropropane

Concen: 24.727 ug/L

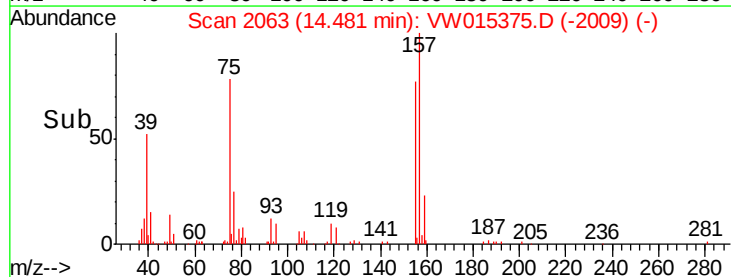
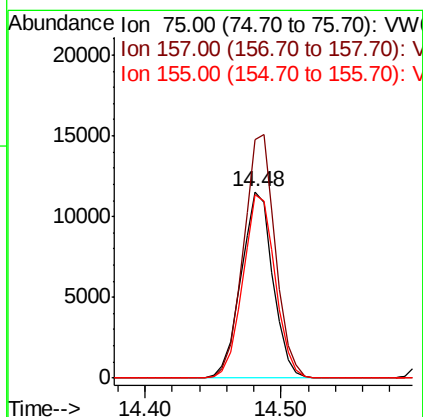
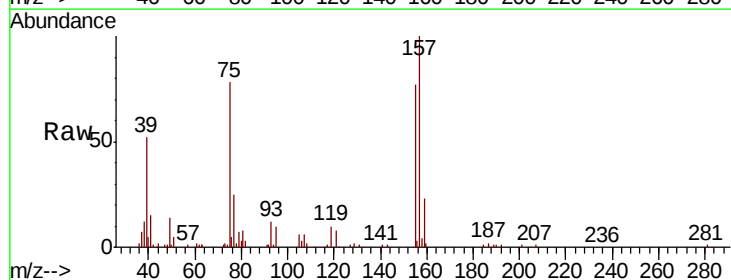
RT: 14.48 min Scan# 2063

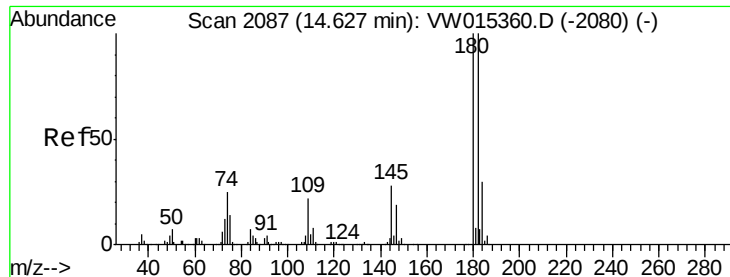
Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Tgt Ion:	75	Resp:	18785
Ion	Ratio	Lower	Upper
75	100		
157	128.2	94.6	141.8
155	98.9	75.0	112.6

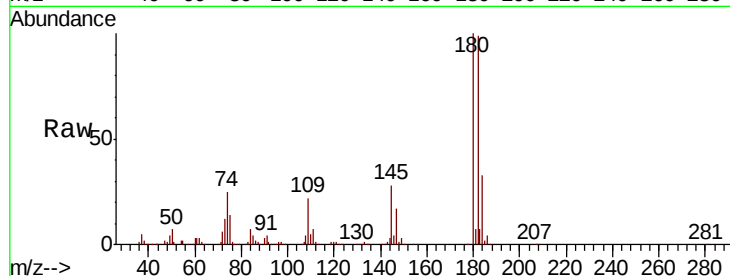




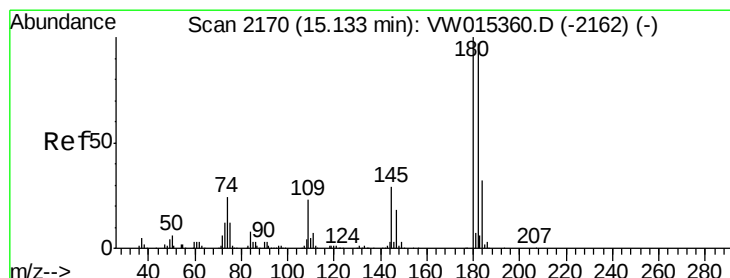
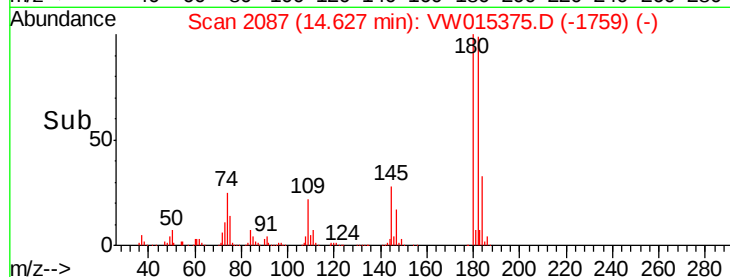
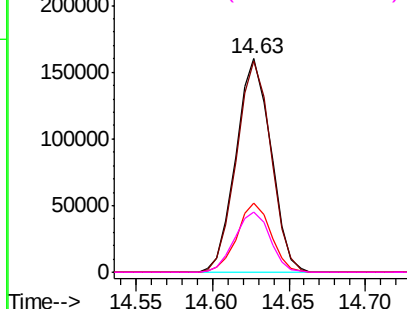
#67
 1,3,5-Trichlorobenzene
 Concen: 25.526 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180	Resp:	255226
Ion Ratio	Lower	Upper
180	100	
182	97.6	78.3 117.5
184	31.3	25.0 37.4
145	28.3	22.9 34.3

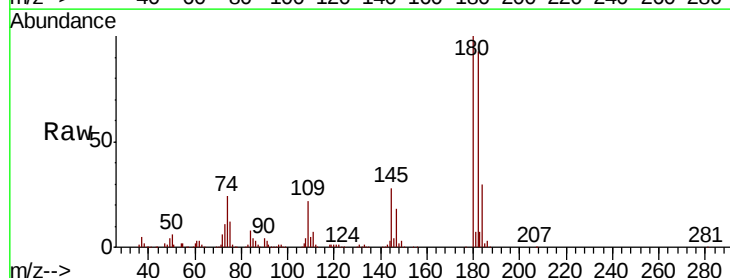


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

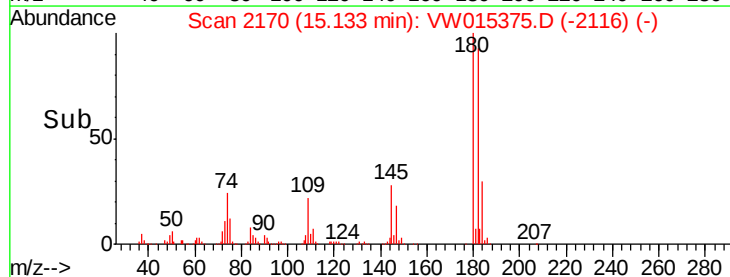
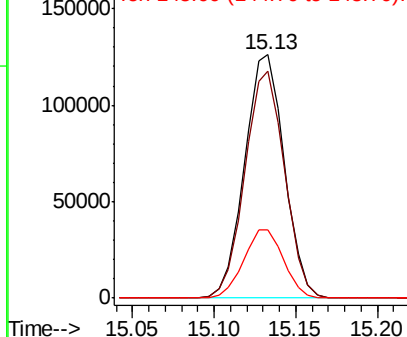


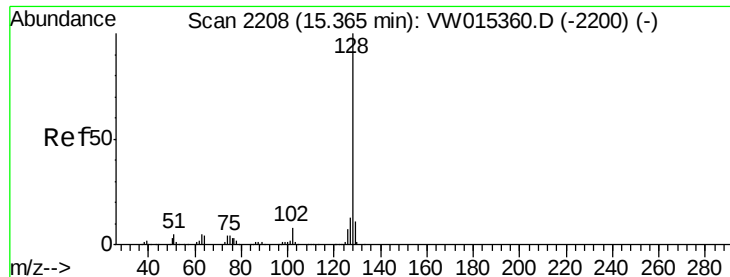
#68
 1,2,4-trichlorobenzene
 Concen: 26.017 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015375.D
 Acq: 29 Apr 2020 09:49

Tgt Ion:180	Resp:	213801
Ion Ratio	Lower	Upper
180	100	
182	93.4	77.9 116.9
145	28.2	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: 25.166 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

Instrument :

MSVOA_W

ClientSampled :

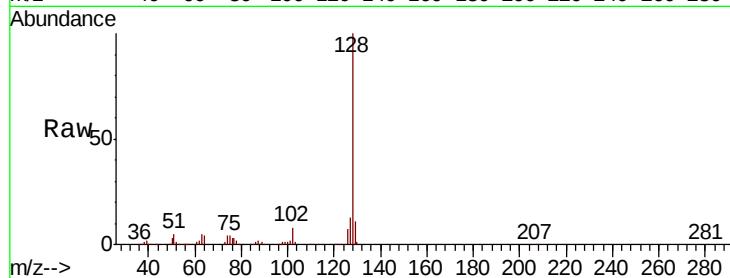
Tot Ion:128 Resp: 345747

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

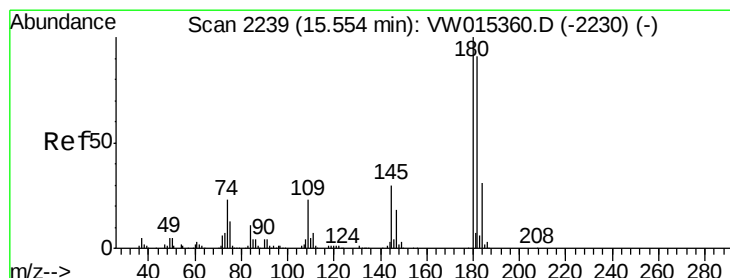
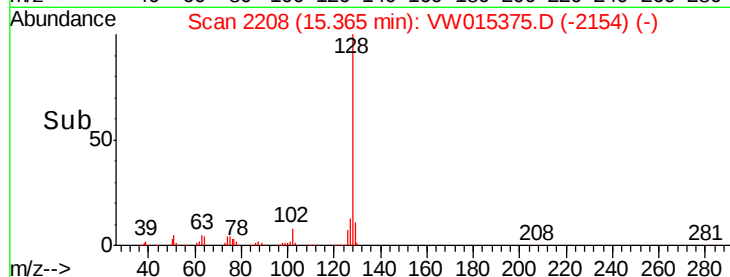
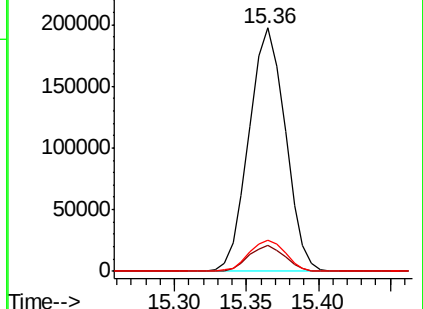
127 13.0 10.2 15.4



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: 25.100 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW015375.D

Acq: 29 Apr 2020 09:49

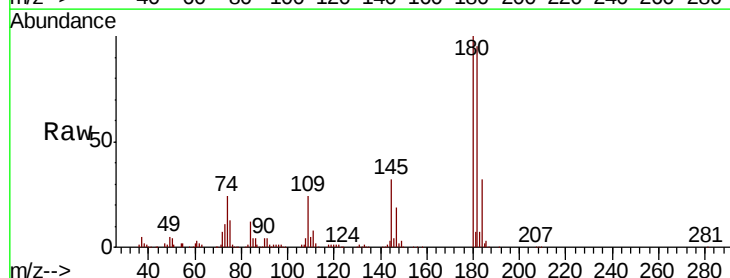
Tgt Ion:180 Resp: 178118

Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.6

145 30.6 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

