

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015248.D
 Acq On : 21 Apr 2020 01:59
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 21 07:01:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	311587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	172738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	91970	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	7.88	113	93858	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
50) Toluene-d8	10.32	98	375345	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	148433	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	79611	47.516	ug/l	97
3) Chloromethane	2.22	50	96237	52.746	ug/l	100
4) Vinyl Chloride	2.36	62	108924	50.556	ug/l	99
5) Bromomethane	2.76	94	84520	55.173	ug/l	89
6) Chloroethane	2.92	64	67876	50.789	ug/l	99
7) Trichlorofluoromethane	3.26	101	140914	46.220	ug/l	100
8) Diethyl Ether	3.68	74	45187	52.804	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87314	46.441	ug/l	92
10) Methyl Iodide	4.27	142	105372	53.360	ug/l	98
11) Tert butyl alcohol	5.17	59	35803	253.152	ug/l	96
12) 1,1-Dichloroethene	4.04	96	87038	48.097	ug/l	95
13) Acrolein	3.90	56	19495	263.363	ug/l	98
14) Allyl chloride	4.67	41	116898	48.693	ug/l	87
15) Acrylonitrile	5.37	53	85063	261.200	ug/l	99
16) Acetone	4.13	43	61094	201.608	ug/l	99
17) Carbon Disulfide	4.38	76	266299	49.518	ug/l	100
18) Methyl Acetate	4.68	43	40385	50.347	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	216689	52.161	ug/l	94
20) Methylene Chloride	4.92	84	100825	50.767	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	104668	50.998	ug/l	94
22) Diisopropyl ether	6.32	45	235006	51.027	ug/l #	93
23) Vinyl Acetate	6.26	43	689124	254.983	ug/l	95
24) 1,1-Dichloroethane	6.22	63	161338	50.547	ug/l	99
25) 2-Butanone	7.17	43	98872	245.923	ug/l	91
26) 2,2-Dichloropropane	7.17	77	147035	43.787	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	114507	51.679	ug/l	98
28) Bromochloromethane	7.51	49	63013	54.299	ug/l #	77
29) Tetrahydrofuran	7.53	42	66331	264.815	ug/l	88
30) Chloroform	7.68	83	176405	51.207	ug/l	98
31) Cyclohexane	7.96	56	136434	42.523	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	158712	47.736	ug/l	99
36) 1,1-Dichloropropene	8.09	75	130438	46.382	ug/l	98
37) Ethyl Acetate	7.26	43	46661	51.124	ug/l	97
38) Carbon Tetrachloride	8.07	117	142176	46.262	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	167549	44.762	ug/l	96
40) Benzene	8.32	78	374549	49.858	ug/l	96
41) Methacrylonitrile	7.48	41	26605	48.582	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	112869	51.037	ug/l	100
43) Isopropyl Acetate	8.42	43	97063	50.705	ug/l	96
44) Trichloroethene	9.09	130	114661	49.899	ug/l	90
45) 1,2-Dichloropropane	9.37	63	86910	49.749	ug/l	99
46) Dibromomethane	9.46	93	52585	52.035	ug/l #	86
47) Bromodichloromethane	9.64	83	132914	49.200	ug/l	99
48) Methyl methacrylate	9.43	41	44853	49.566	ug/l #	81
49) 1,4-Dioxane	9.45	88	15162	1125.446	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	240569	267.717	ug/l	97
52) Toluene	10.38	92	266110	50.615	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	131842	49.495	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	151928	49.069	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	73103	51.661	ug/l	94
56) Ethyl methacrylate	10.65	69	95666	52.479	ug/l	93
57) 1,3-Dichloropropane	10.93	76	120731	51.506	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	207375	245.371	ug/l	89
59) 2-Hexanone	10.97	43	162984	254.087	ug/l	96
60) Dibromochloromethane	11.13	129	96073	51.421	ug/l	98
61) 1,2-Dibromoethane	11.23	107	71632	51.878	ug/l	98
64) Tetrachloroethene	10.86	164	106115	49.256	ug/l	89
65) Chlorobenzene	11.66	112	297862	50.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	105259	49.443	ug/l	98
67) Ethyl Benzene	11.73	91	535292	48.460	ug/l	99
68) m/p-Xylenes	11.84	106	433781	100.185	ug/l	99
69) o-Xylene	12.16	106	204699	50.651	ug/l	98
70) Styrene	12.18	104	361183	52.430	ug/l	98
71) Bromoform	12.35	173	62046	51.725	ug/l #	97
73) Isopropylbenzene	12.46	105	558049	46.595	ug/l	100
74) N-amyl acetate	12.27	43	103471	49.659	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	81478	47.915	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	110431	82.638	ug/l #	100
77) Bromobenzene	12.74	156	136892	49.749	ug/l	83
78) n-propylbenzene	12.80	91	657714	47.166	ug/l	97
79) 2-Chlorotoluene	12.89	91	385209	49.017	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	499749	48.440	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27333	44.713	ug/l	92
82) 4-Chlorotoluene	12.99	91	403910	48.408	ug/l	96
83) tert-Butylbenzene	13.21	119	433517	48.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	496947	48.836	ug/l	99
85) sec-Butylbenzene	13.38	105	582769	46.797	ug/l	97
86) p-Isopropyltoluene	13.49	119	553108	47.799	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	275844	50.454	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	270416	50.457	ug/l	97
89) n-Butylbenzene	13.82	91	489795	46.309	ug/l	98
90) Hexachloroethane	14.09	117	102076	48.101	ug/l	75
91) 1,2-Dichlorobenzene	13.87	146	246344	51.852	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15936	51.786	ug/l	86

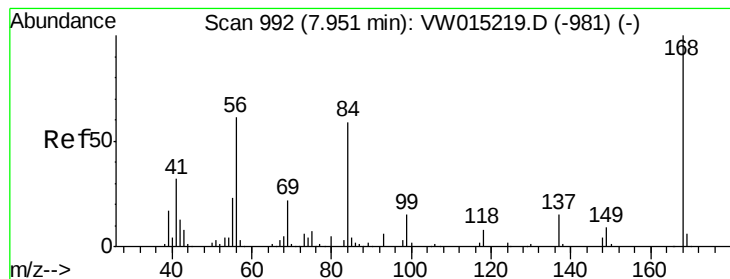
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	168501	51.026	ug/l	98
94) Hexachlorobutadiene	15.24	225	111055	50.442	ug/l	98
95) Naphthalene	15.36	128	278689	52.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	141879	52.806	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

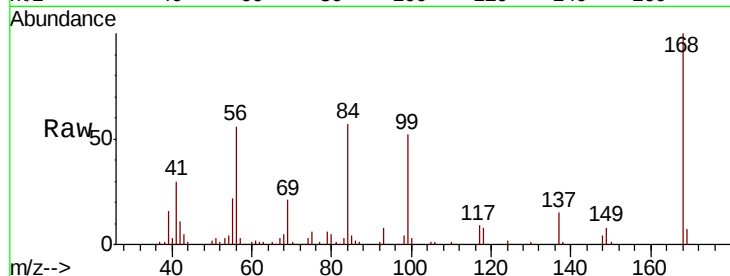
VSTDCCC050EC

Tot Ion:168 Resp: 212165

Ion Ratio Lower Upper

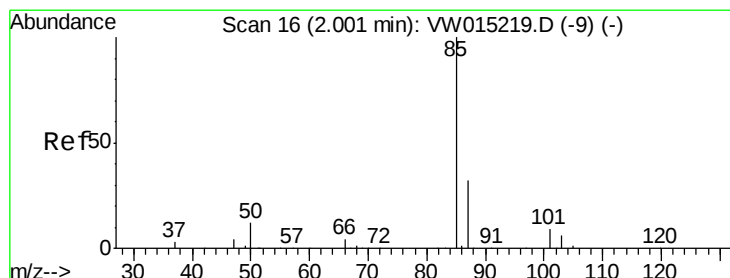
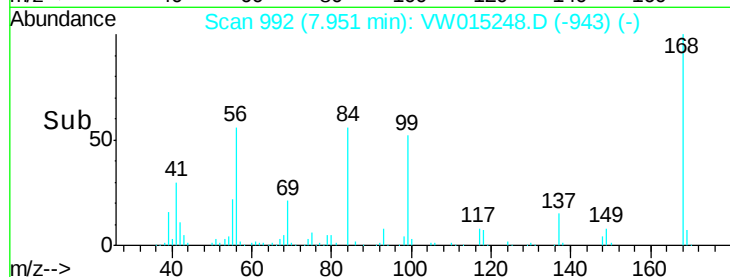
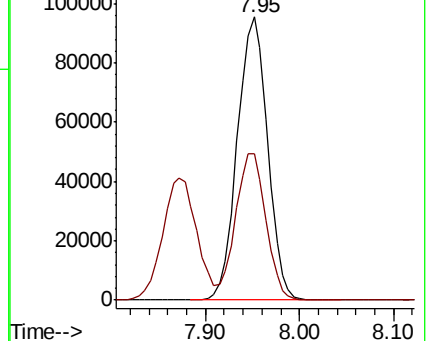
168 100

99 51.6 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.516 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015248.D

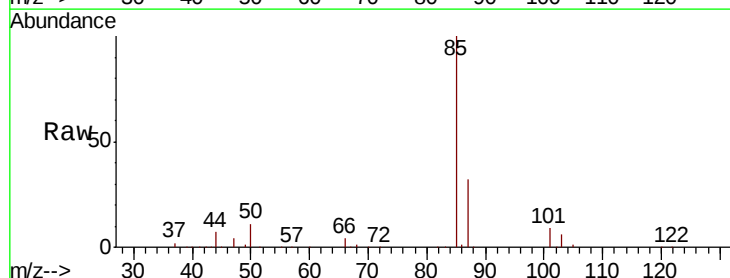
Acq: 21 Apr 2020 01:59

Tgt Ion: 85 Resp: 79611

Ion Ratio Lower Upper

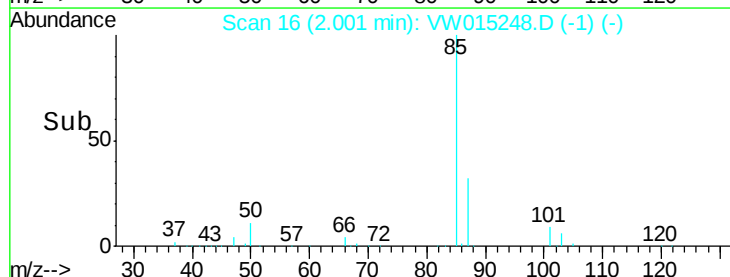
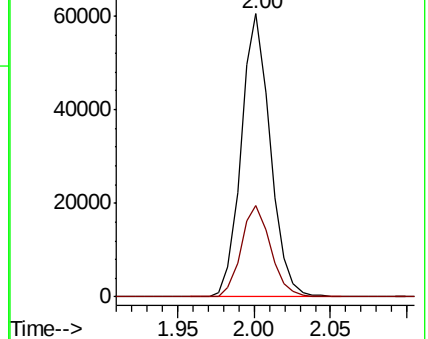
85 100

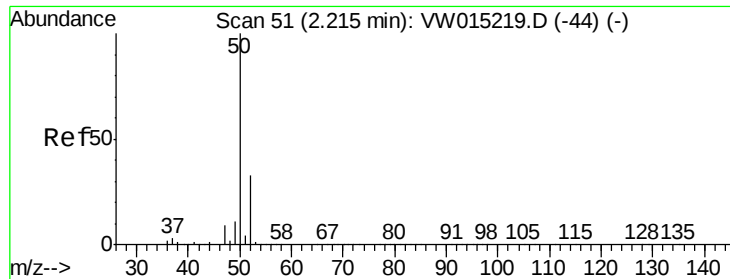
87 32.4 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 52.746 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

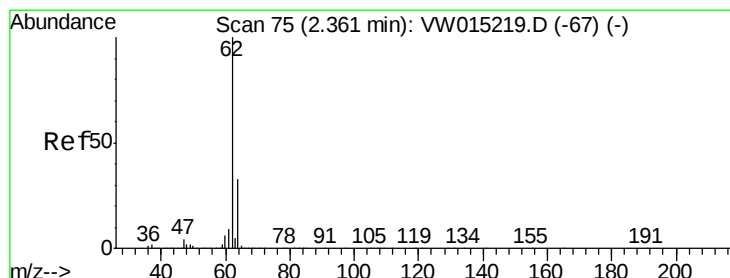
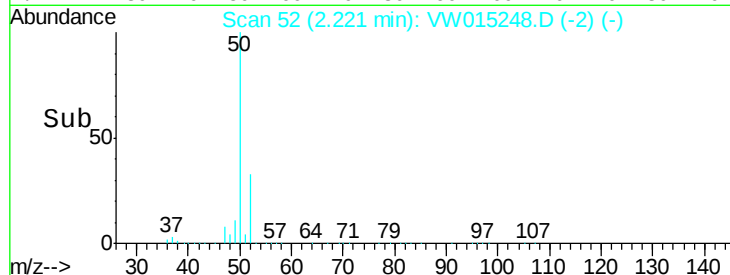
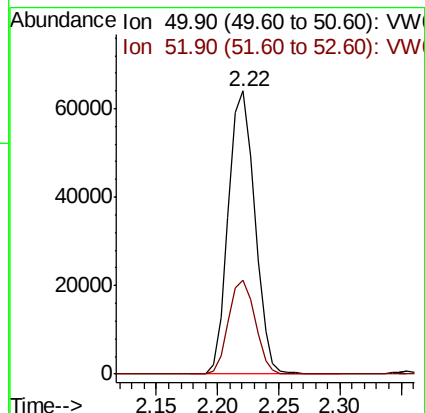
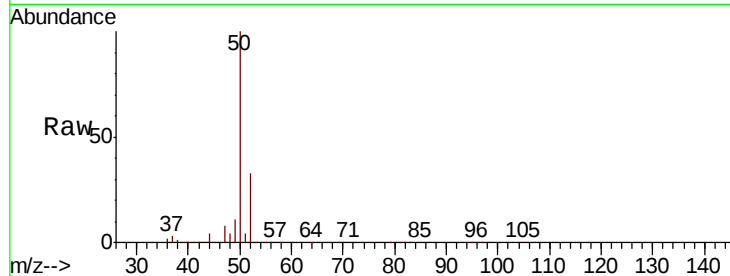
VSTDCCC050EC

Tot Ion: 50 Resp: 96237

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 50.556 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015248.D

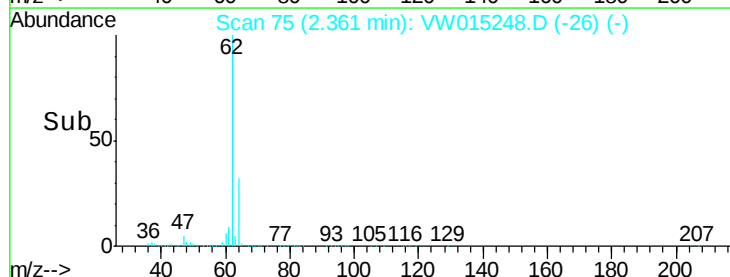
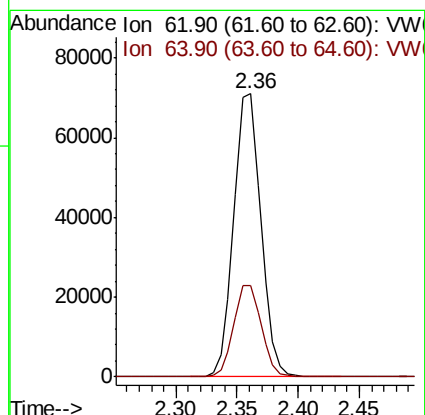
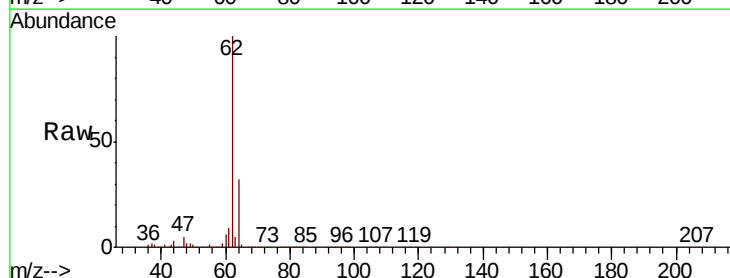
Acq: 21 Apr 2020 01:59

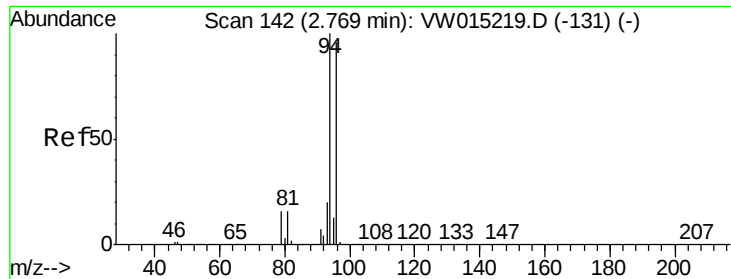
Tgt Ion: 62 Resp: 108924

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 55.173 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

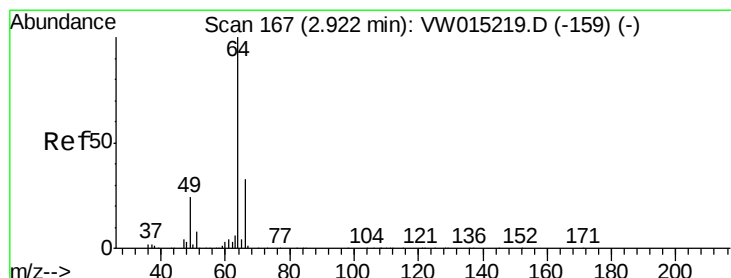
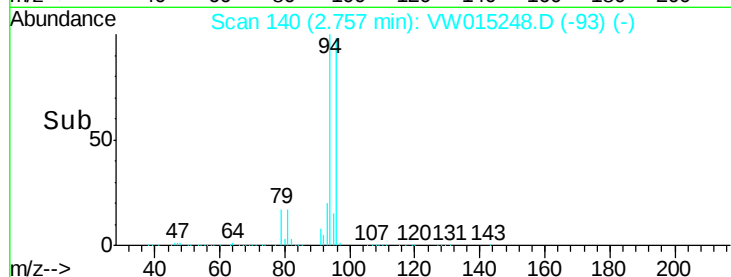
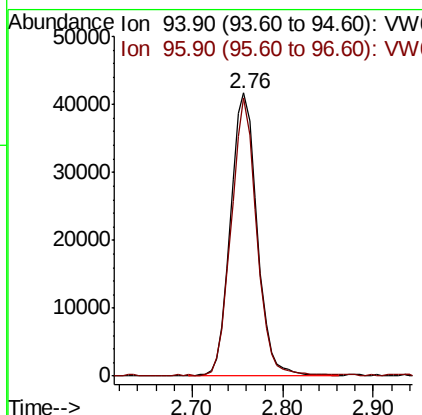
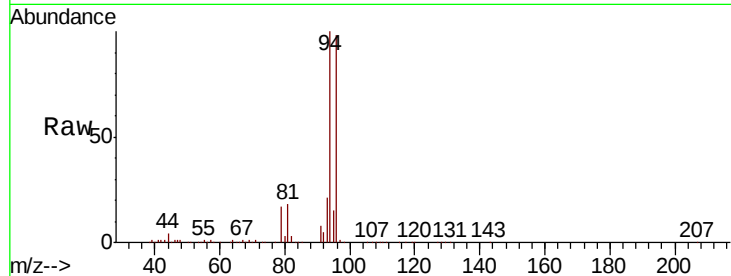
VSTDCCC050EC

Tot Ion: 94 Resp: 84520

Ion Ratio Lower Upper

94 100

96 98.0 70.4 105.6



#6

Chloroethane

Concen: 50.789 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015248.D

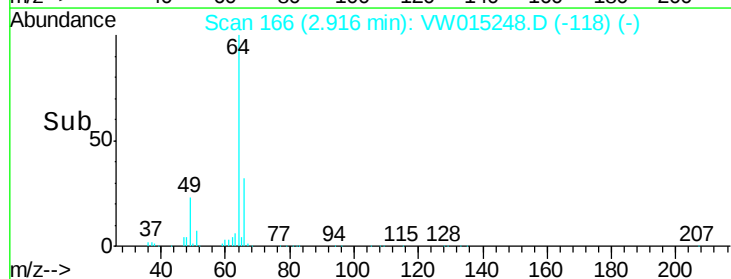
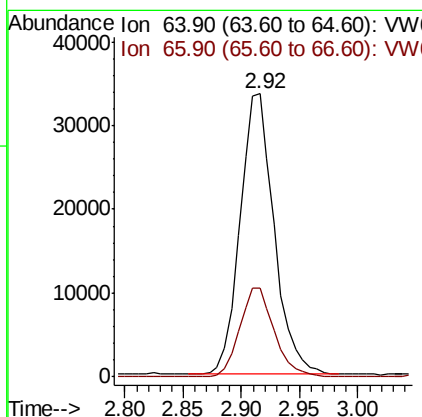
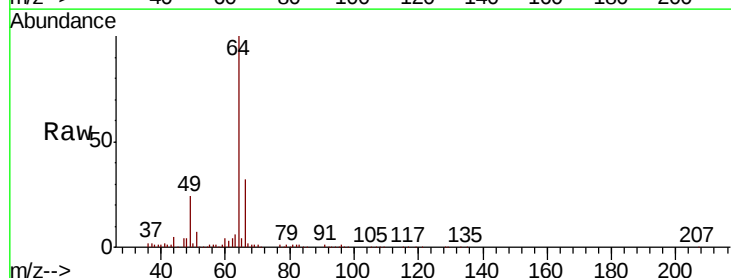
Acq: 21 Apr 2020 01:59

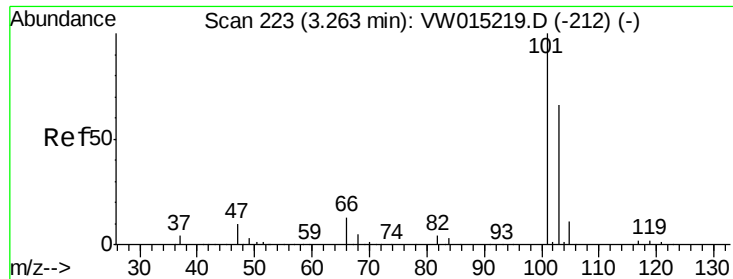
Tgt Ion: 64 Resp: 67876

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.6



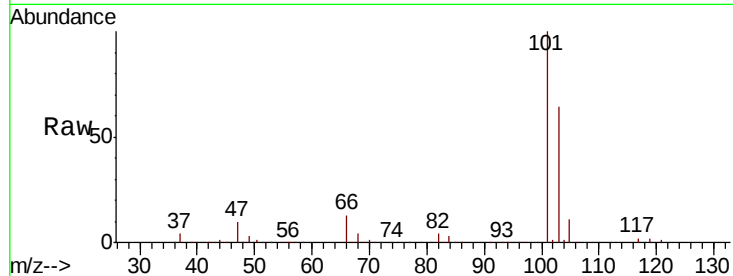


#7

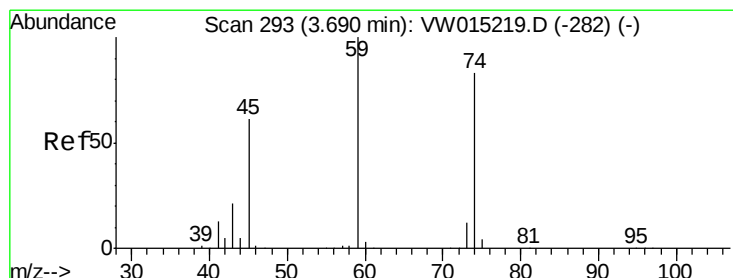
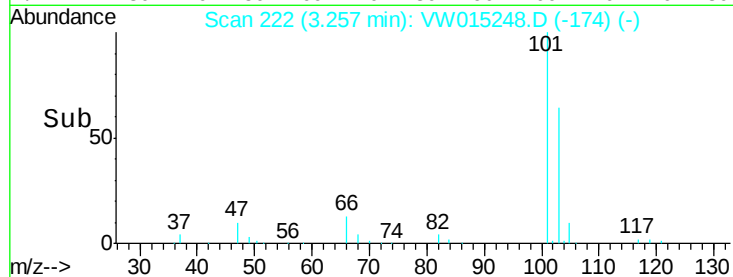
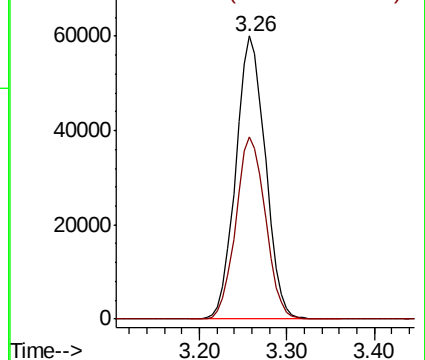
Trichlorofluoromethane
Concen: 46.220 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion:101 Resp: 140914
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9



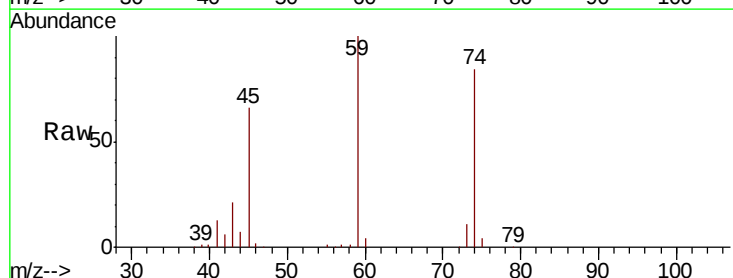
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



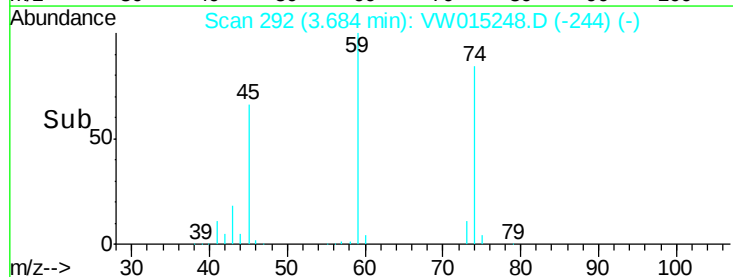
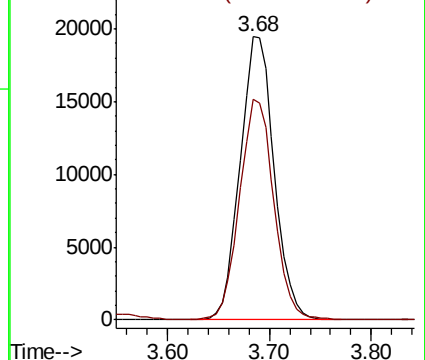
#8

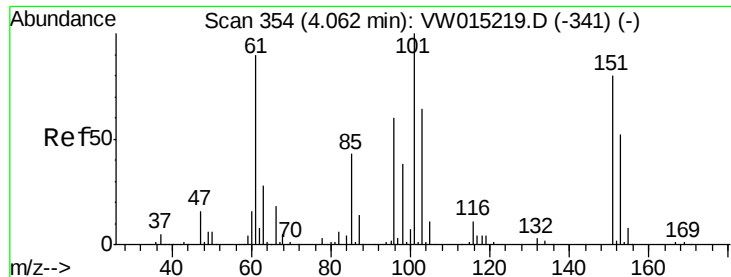
Diethyl Ether
Concen: 52.804 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion: 74 Resp: 45187
Ion Ratio Lower Upper
74 100
45 78.4 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.441 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

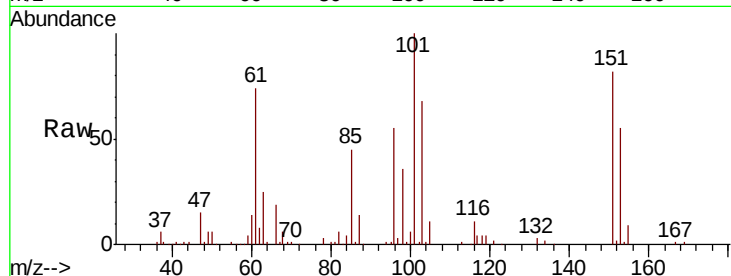
Tot Ion:101 Resp: 87314

Ion Ratio Lower Upper

101 100

85 43.6 35.3 52.9

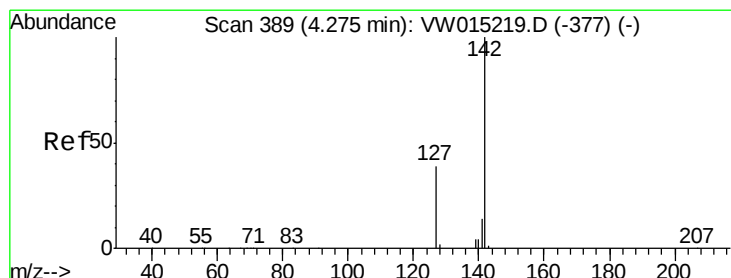
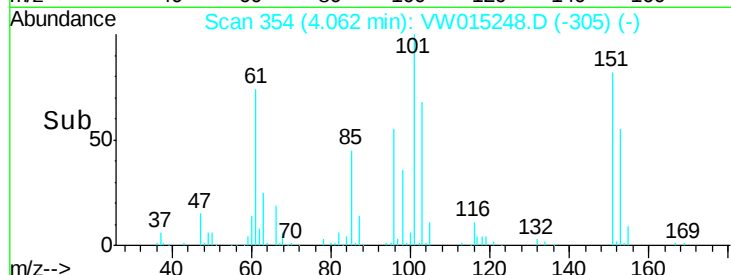
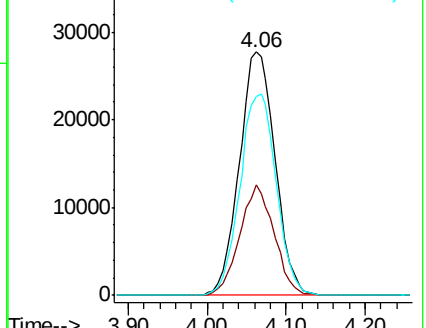
151 84.2 59.3 88.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.360 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

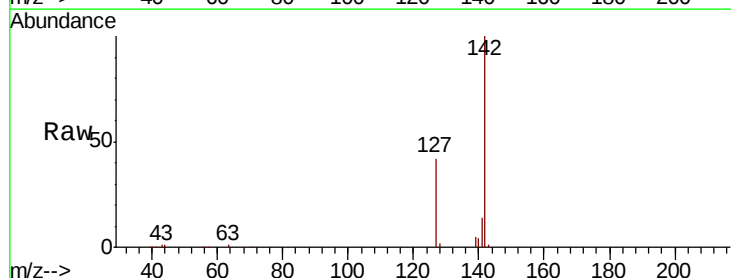
Tgt Ion:142 Resp: 105372

Ion Ratio Lower Upper

142 100

127 40.9 33.9 50.9

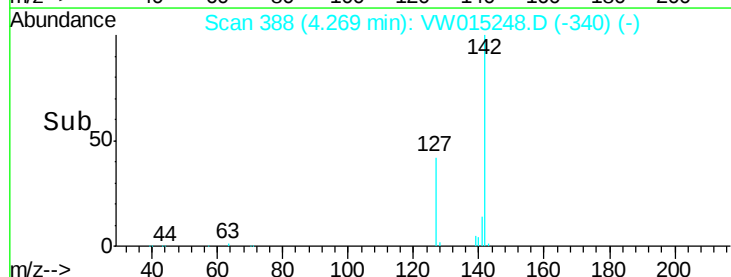
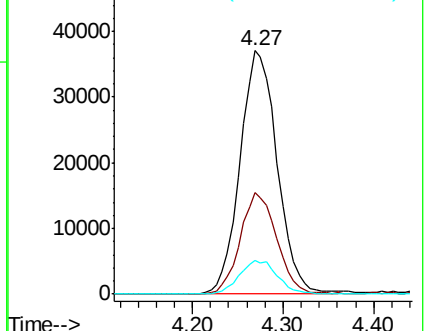
141 13.9 11.4 17.2

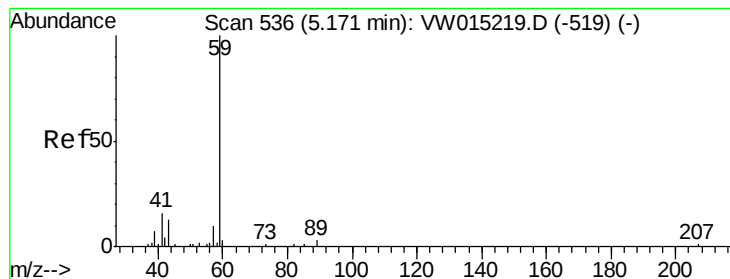


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 253.152 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

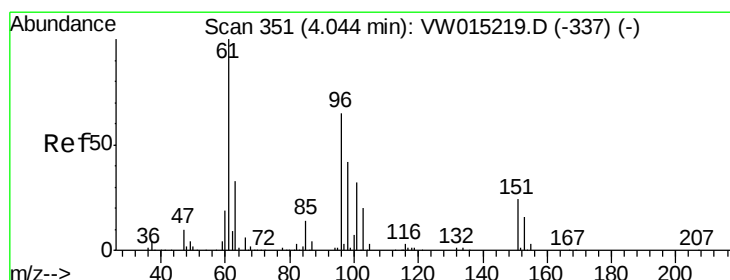
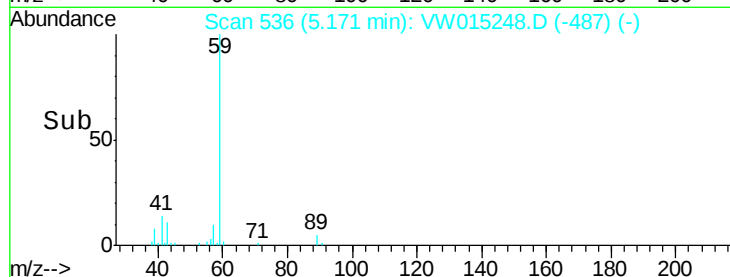
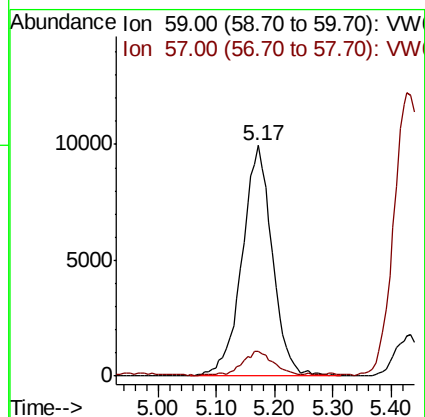
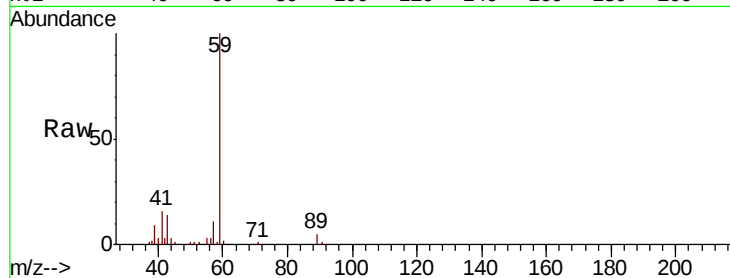
VSTDCCC050EC

Tot Ion: 59 Resp: 35803

Ion Ratio Lower Upper

59 100

57 12.0 8.4 12.6



#12

1,1-Dichloroethene

Concen: 48.097 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

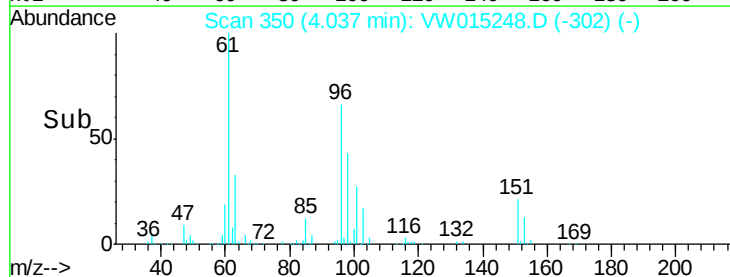
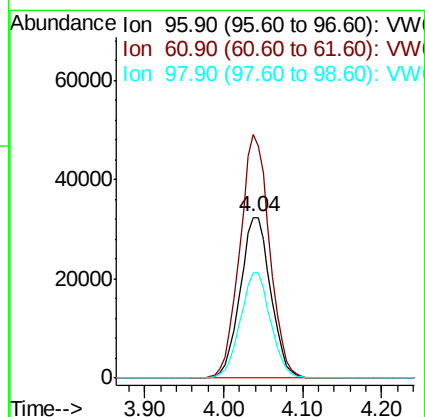
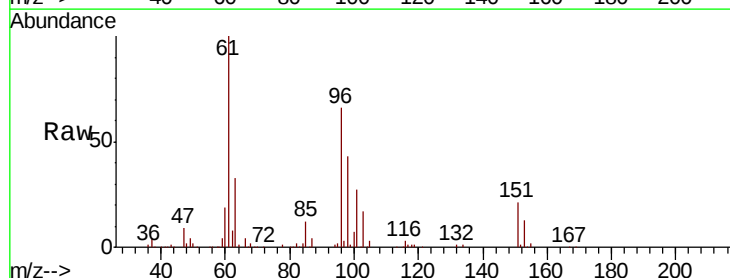
Tgt Ion: 96 Resp: 87038

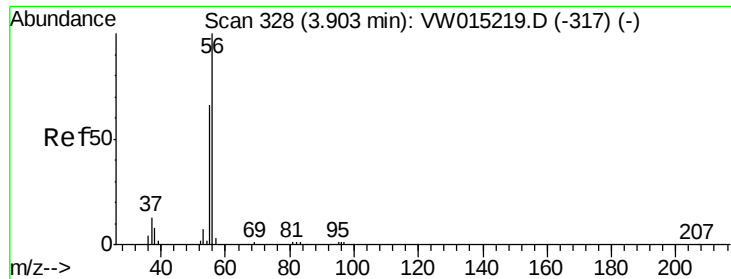
Ion Ratio Lower Upper

96 100

61 151.2 127.0 190.4

98 65.2 51.0 76.4

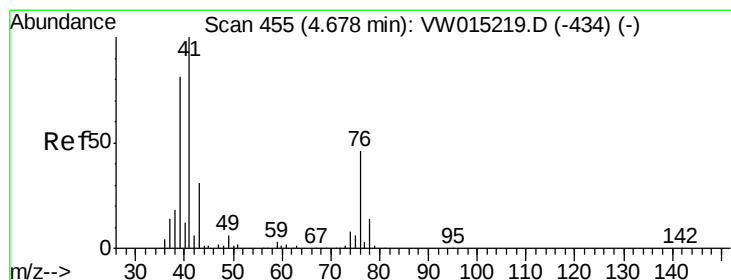
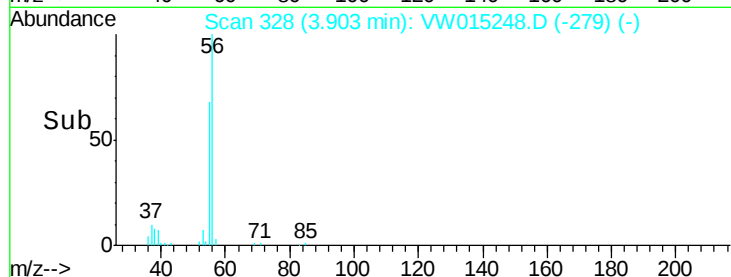
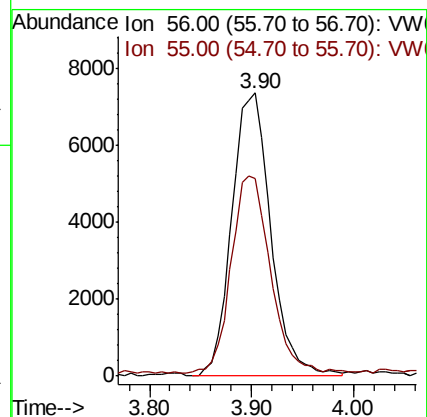
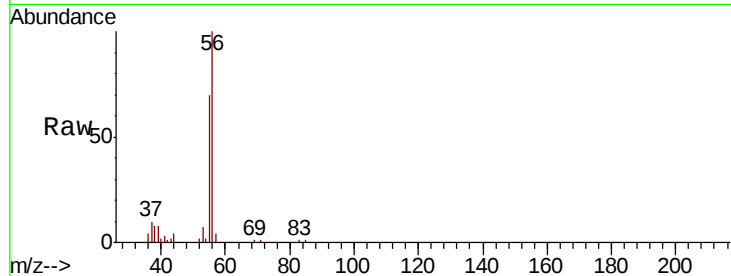




#13
Acrolein
Concen: 263.363 ug/l
RT: 3.90 min Scan# 328
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

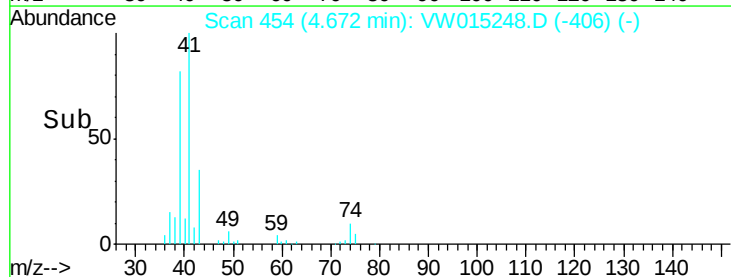
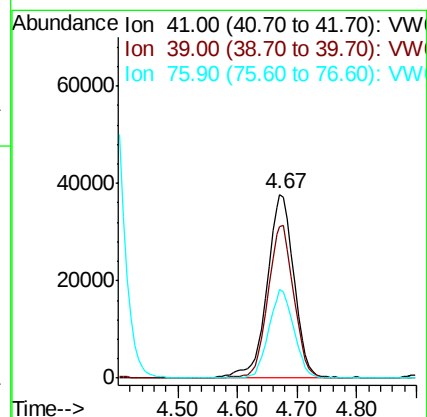
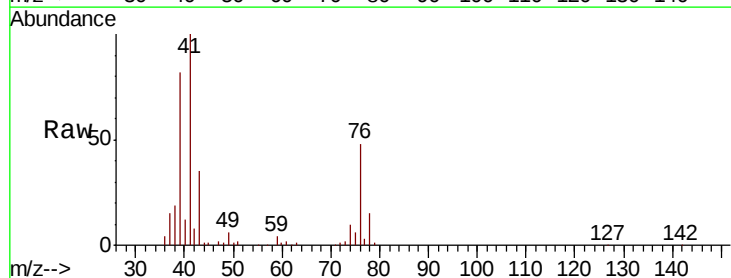
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

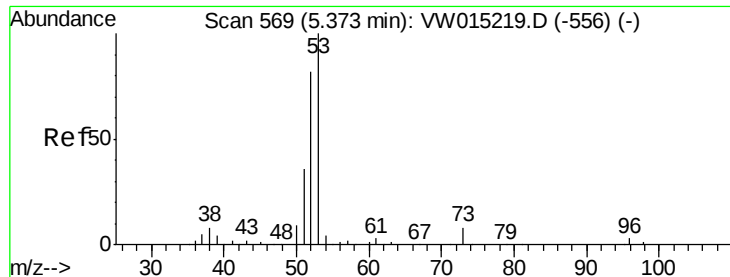
Tot Ion: 56 Resp: 19495
Ion Ratio Lower Upper
56 100
55 68.9 56.2 84.2



#14
Allyl chloride
Concen: 48.693 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion: 41 Resp: 116898
Ion Ratio Lower Upper
41 100
39 79.9 54.0 81.0
76 45.0 31.8 47.6





#15

Acrylonitrile

Concen: 261.200 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

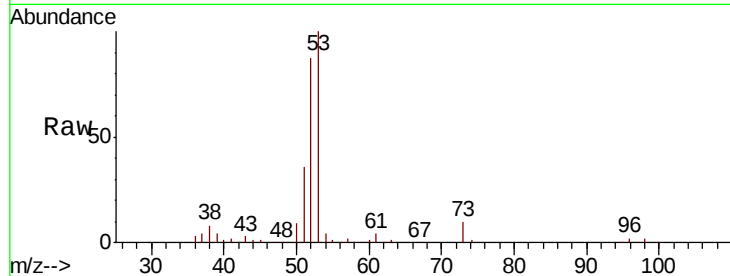
Tot Ion: 53 Resp: 85063

Ion Ratio Lower Upper

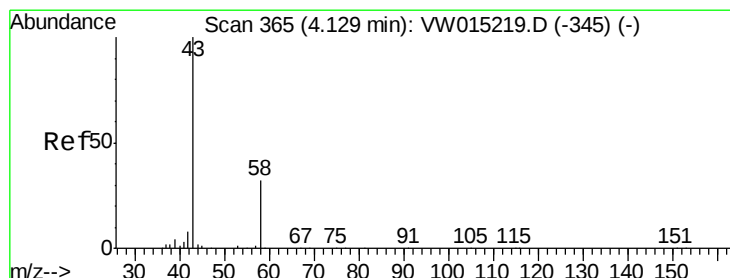
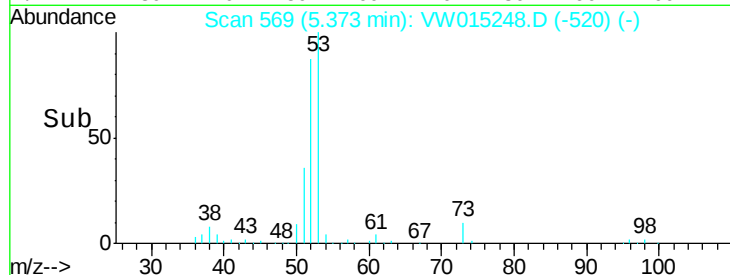
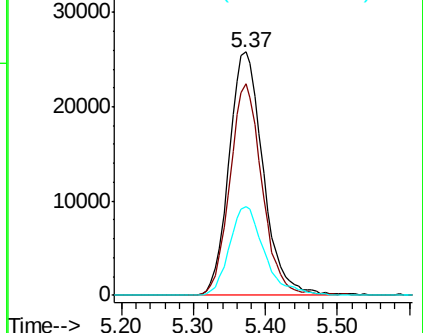
53 100

52 82.0 65.2 97.8

51 37.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 201.608 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015248.D

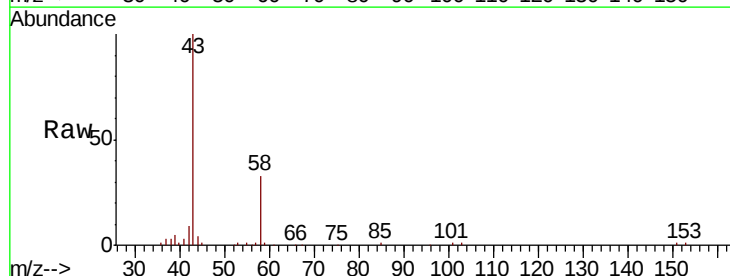
Acq: 21 Apr 2020 01:59

Tgt Ion: 43 Resp: 61094

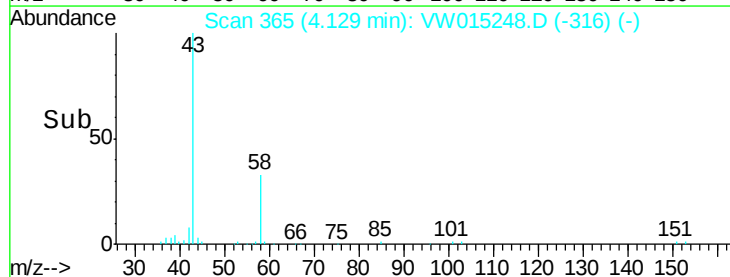
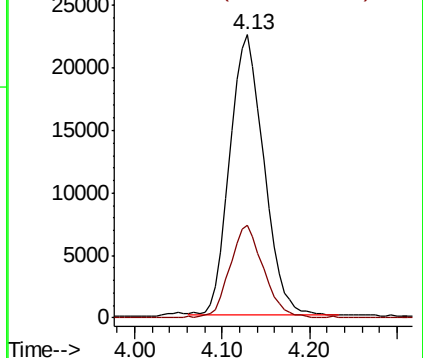
Ion Ratio Lower Upper

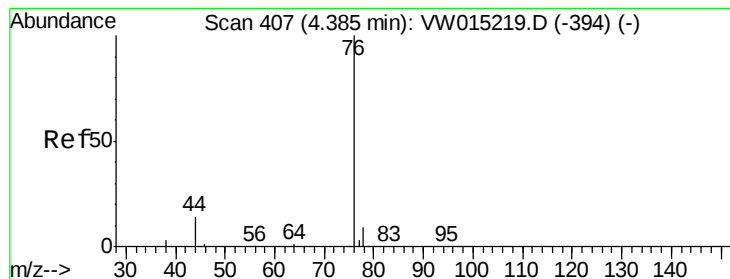
43 100

58 33.0 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 49.518 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

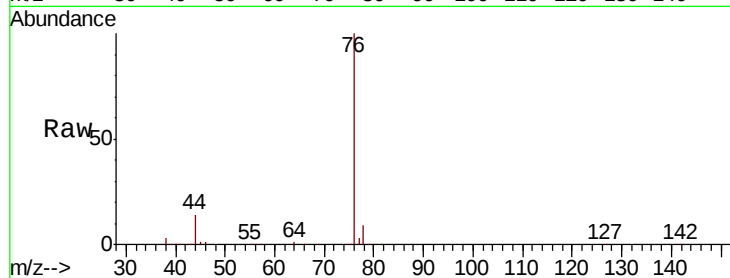
VSTDCCC050EC

Tot Ion: 76 Resp: 266299

Ion Ratio Lower Upper

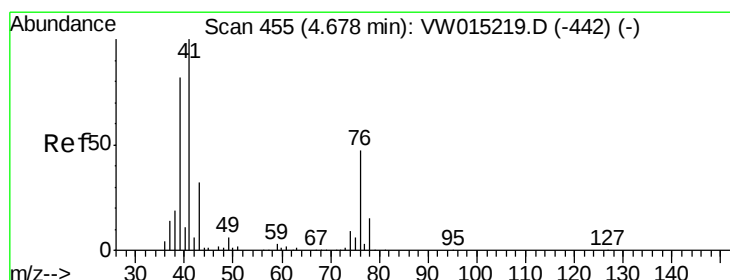
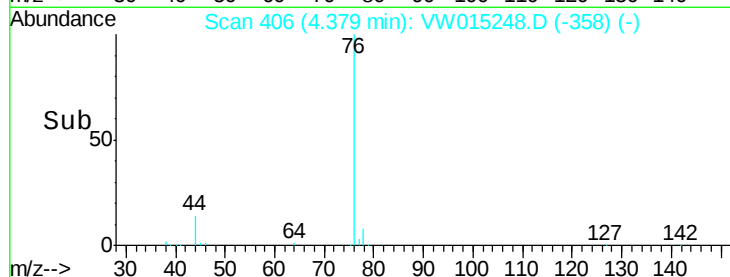
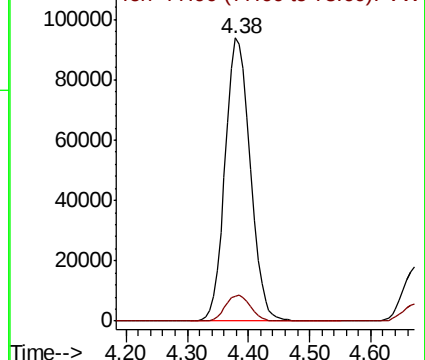
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 50.347 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015248.D

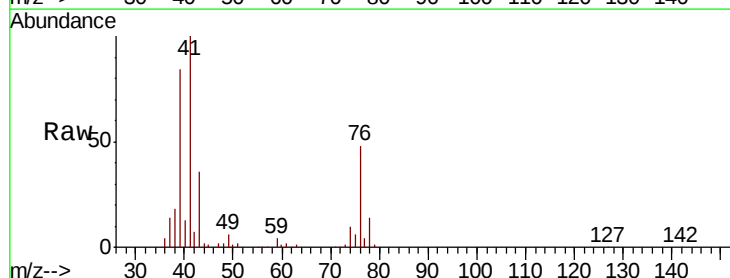
Acq: 21 Apr 2020 01:59

Tgt Ion: 43 Resp: 40385

Ion Ratio Lower Upper

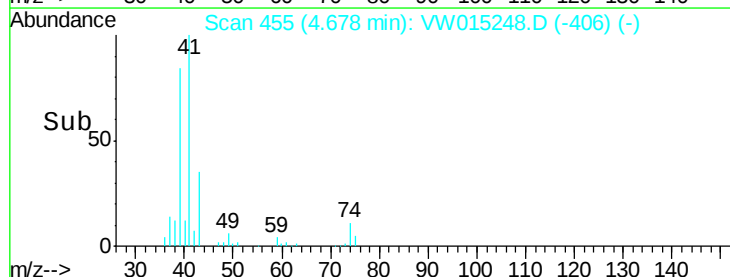
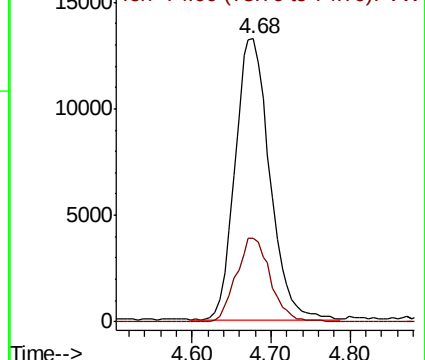
43 100

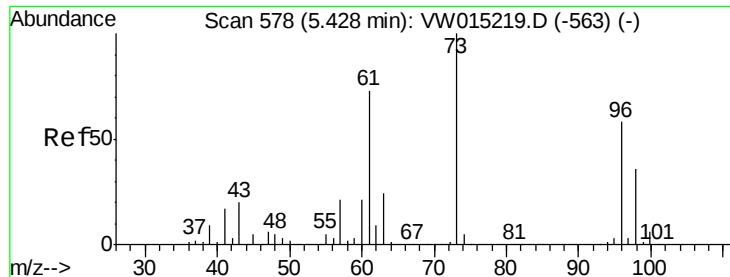
74 29.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

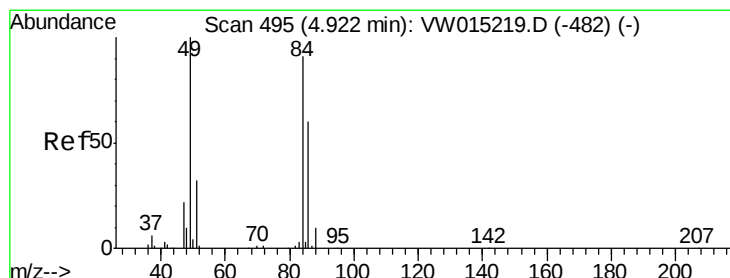
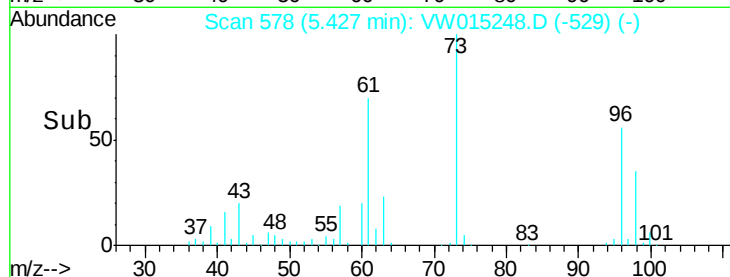
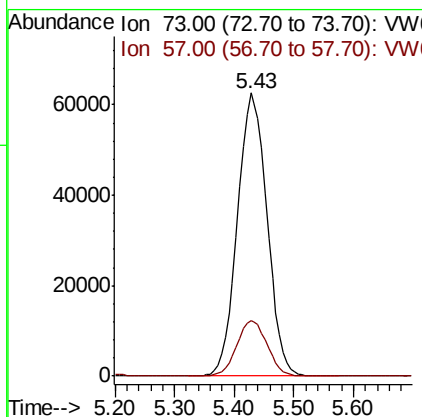
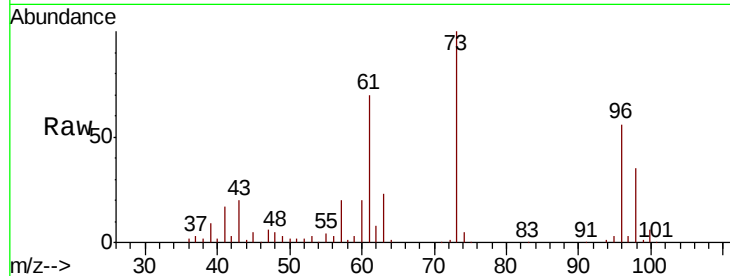




#19
Methvl tert-butvl Ether
Concen: 52.161 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

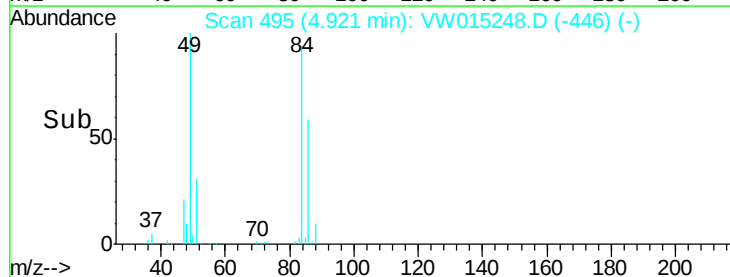
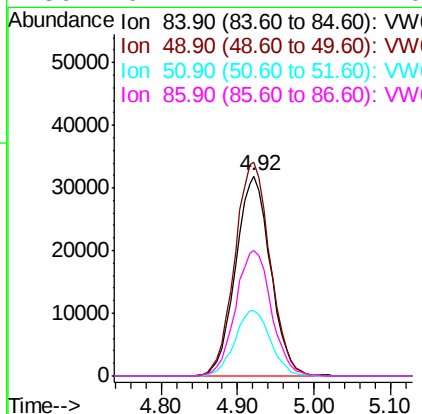
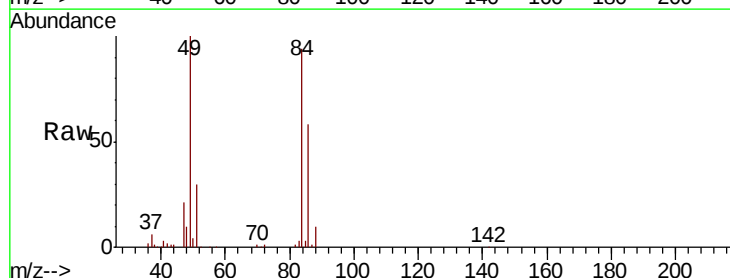
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

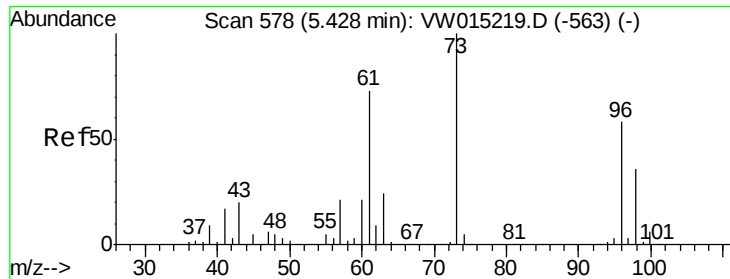
Tot Ion: 73 Resp: 216689
Ion Ratio Lower Upper
73 100
57 19.4 17.8 26.6



#20
Methylene Chloride
Concen: 50.767 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion: 84 Resp: 100825
Ion Ratio Lower Upper
84 100
49 106.7 95.4 143.0
51 32.4 29.8 44.8
86 62.4 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 50.998 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

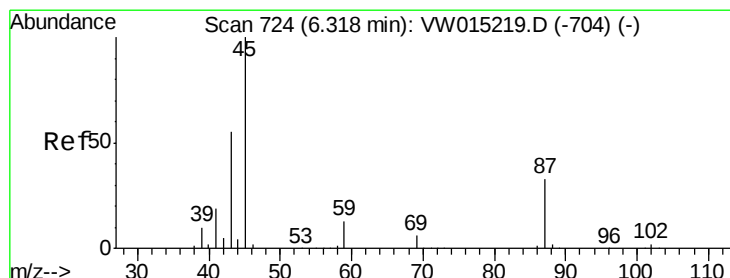
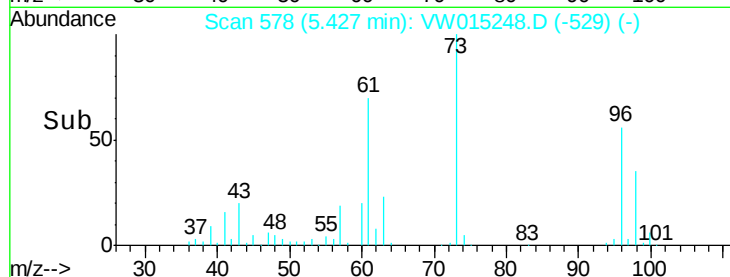
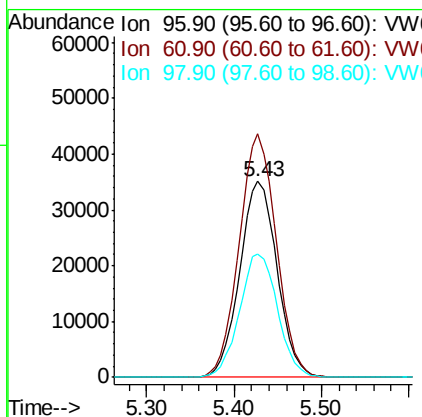
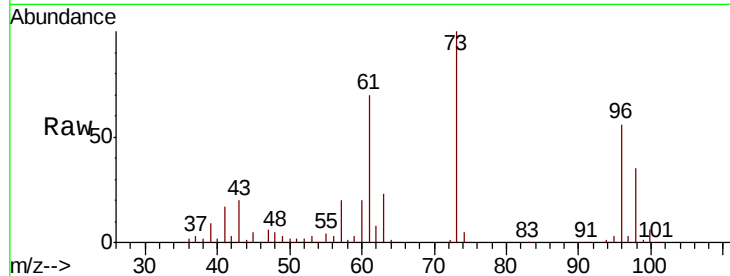
Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 104668

Ion	Ratio	Lower	Upper
96	100		
61	124.4	107.8	161.6
98	62.8	50.2	75.2



#22

Diisopropyl ether

Concen: 51.027 ug/l

RT: 6.32 min Scan# 724

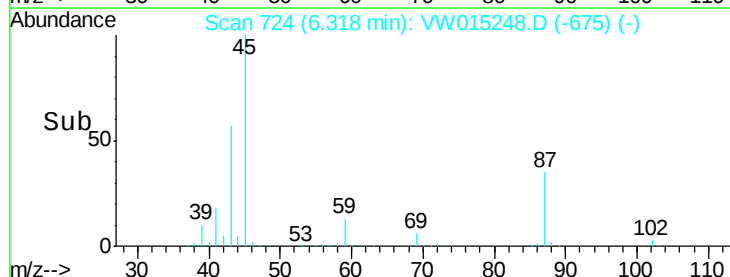
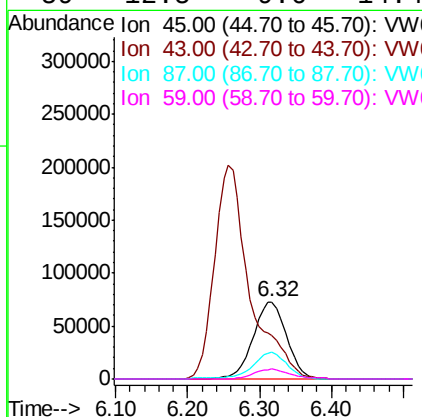
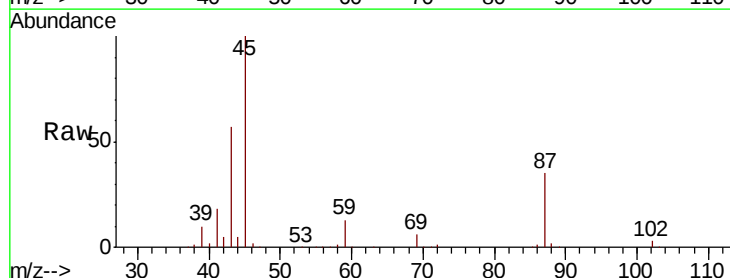
Delta R.T. -0.00 min

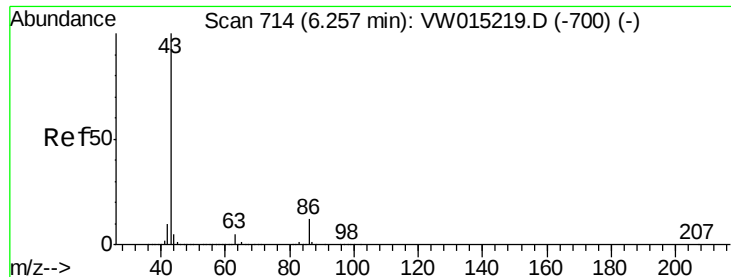
Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Tgt Ion: 45 Resp: 235006

Ion	Ratio	Lower	Upper
45	100		
43	56.6	41.8	62.6
87	35.3	23.2	34.8#
59	12.5	9.6	14.4





#23

Vinyl Acetate

Concen: 254.983 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

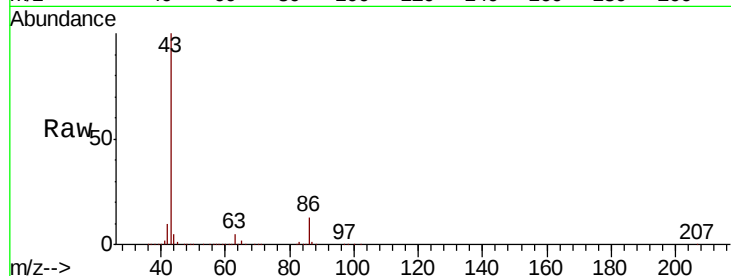
VSTDCCC050EC

Tot Ion: 43 Resp: 689124

Ion Ratio Lower Upper

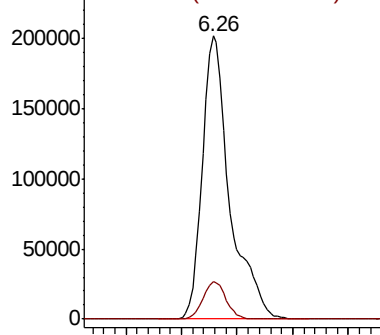
43 100

86 13.5 9.1 13.7

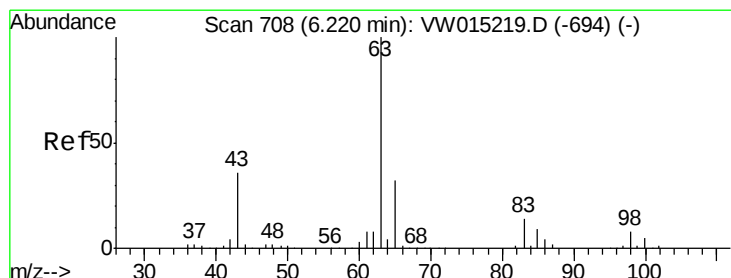
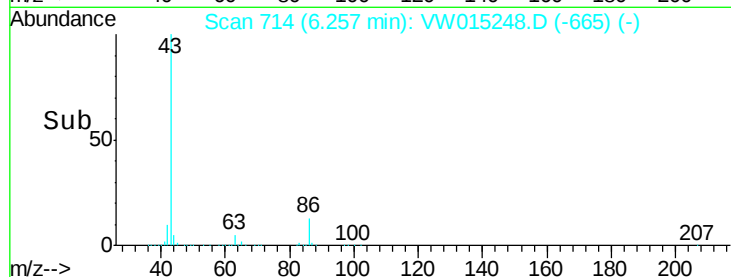


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 50.547 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

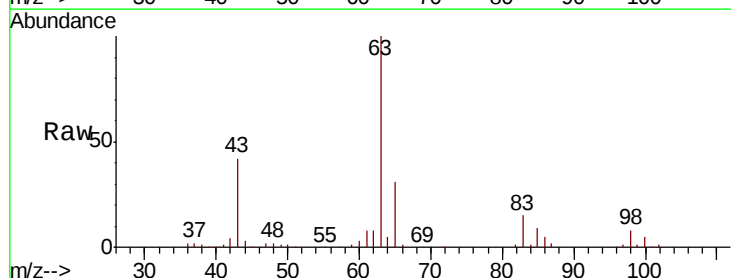
Tgt Ion: 63 Resp: 161338

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

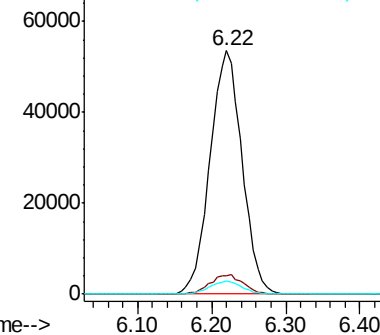
100 5.5 2.4 7.2



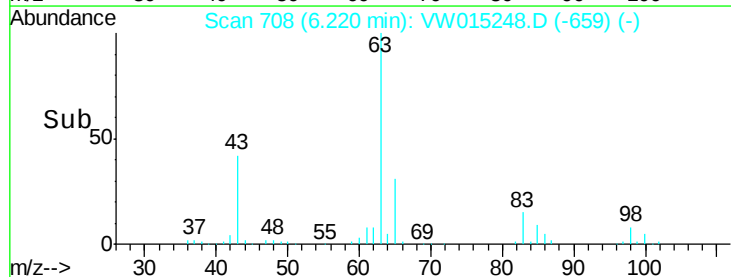
Abundance Ion 62.90 (62.60 to 63.60): VW

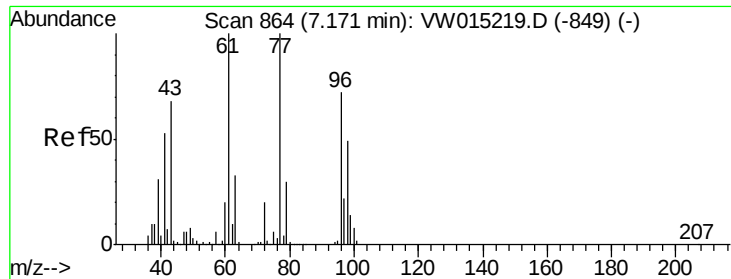
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 245.923 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

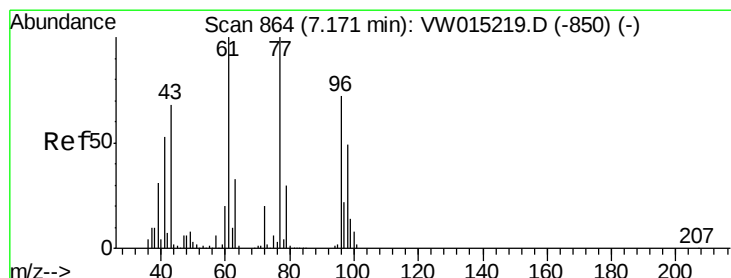
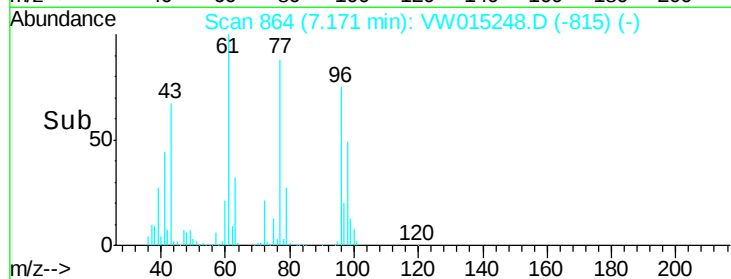
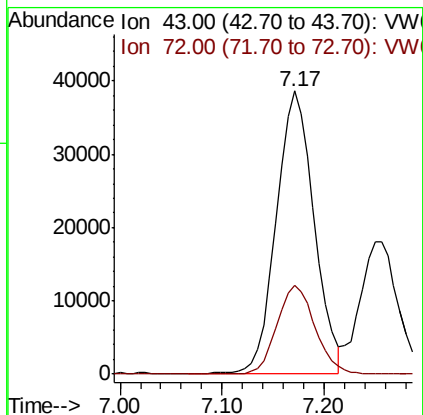
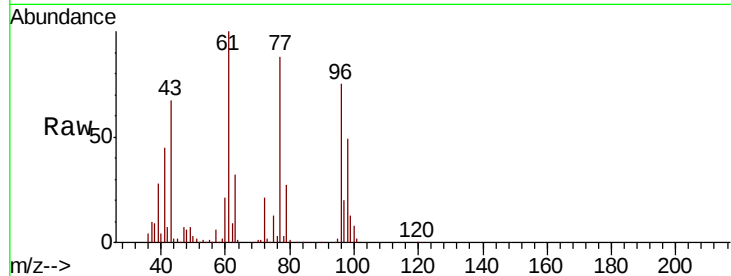
VSTDCCC050EC

Tot Ion: 43 Resp: 98872

Ion Ratio Lower Upper

43 100

72 31.6 21.6 32.4



#26

2,2-Dichloropropane

Concen: 43.787 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015248.D

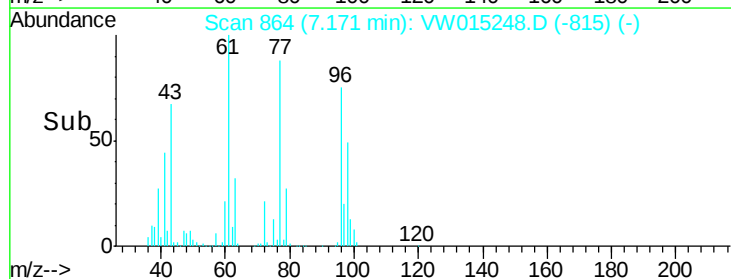
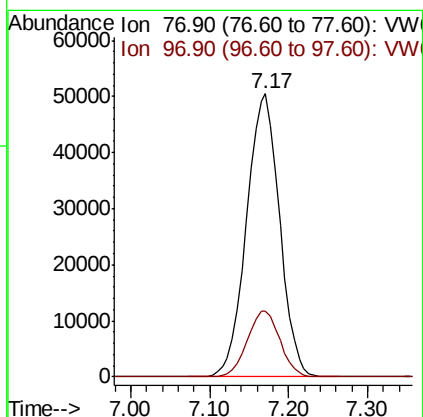
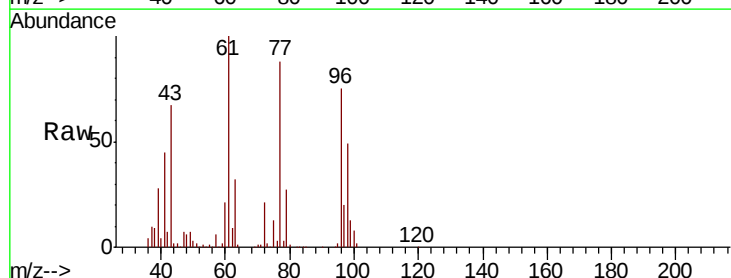
Acq: 21 Apr 2020 01:59

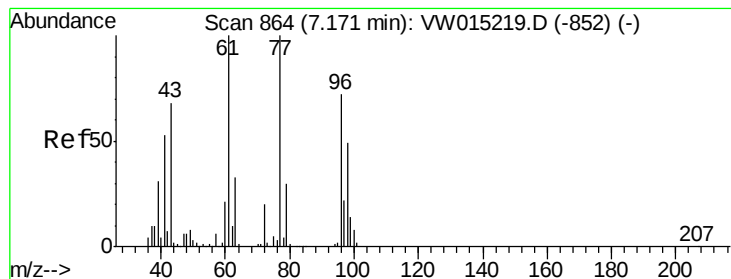
Tgt Ion: 77 Resp: 147035

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 51.679 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

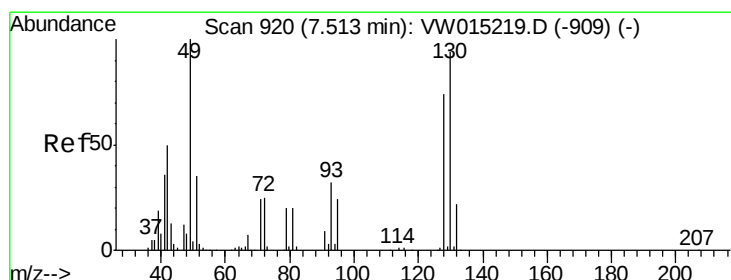
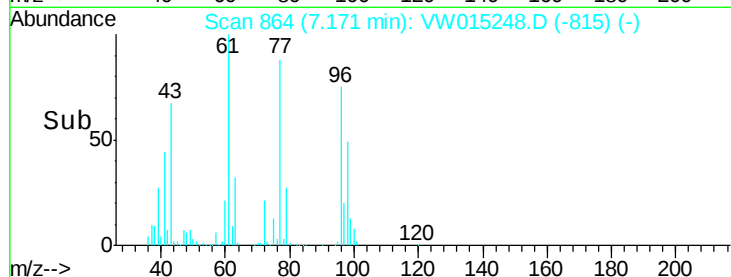
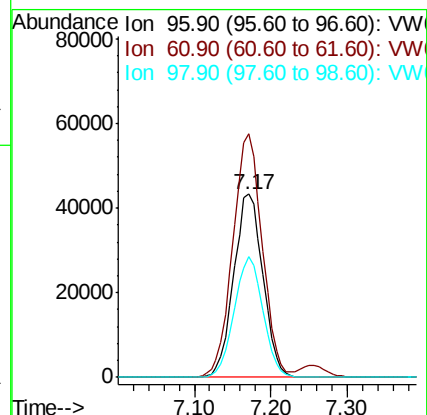
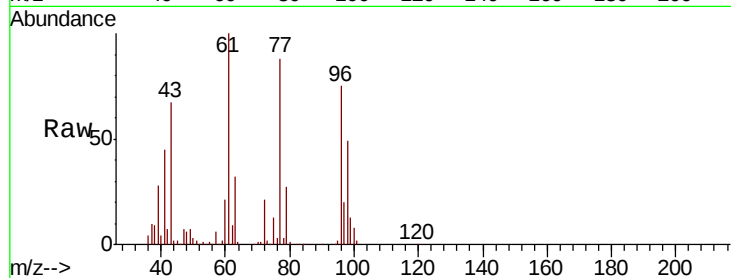
Tot Ion: 96 Resp: 114507

Ion Ratio Lower Upper

96 100

61 133.8 0.0 275.0

98 64.8 0.0 130.8



#28

Bromochloromethane

Concen: 54.299 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

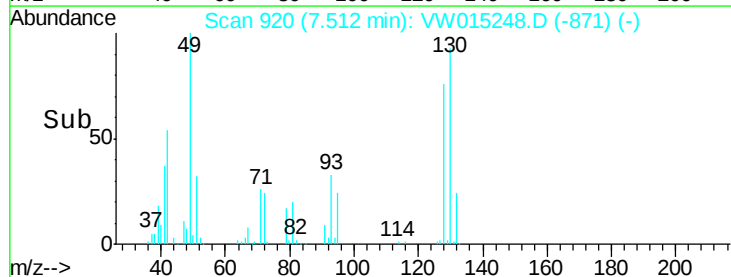
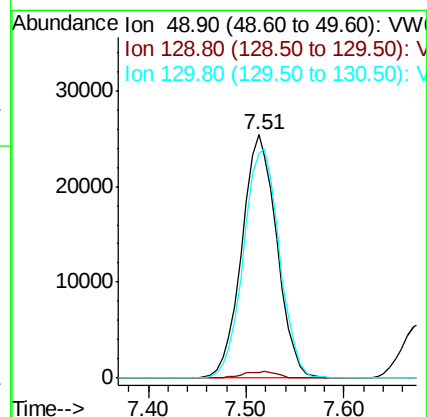
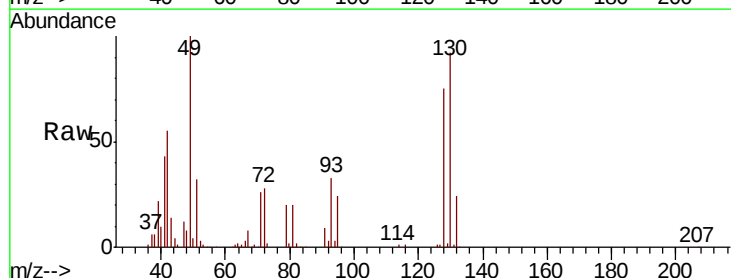
Tgt Ion: 49 Resp: 63013

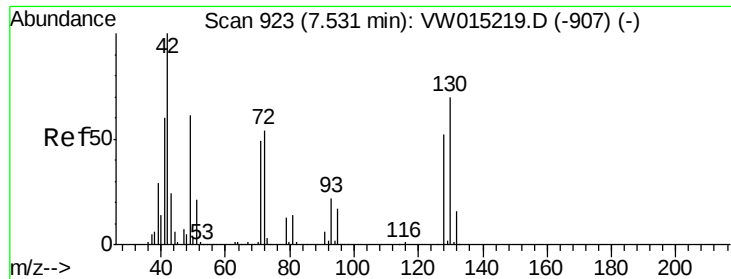
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 96.5 60.9 91.3#

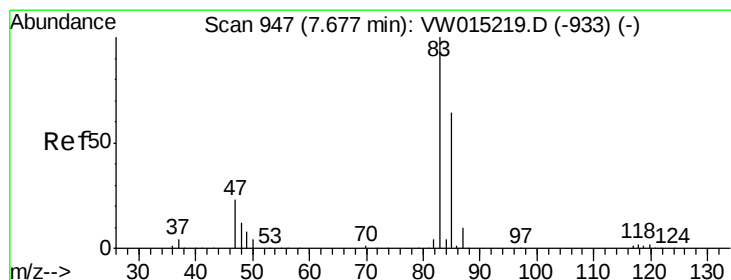
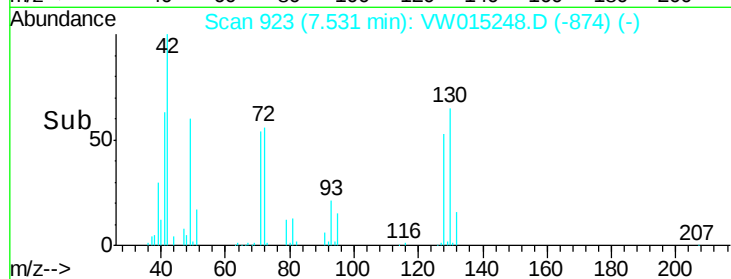
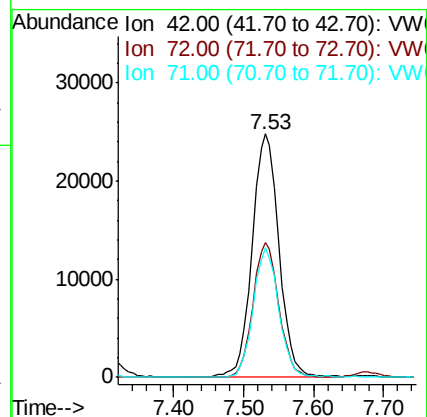
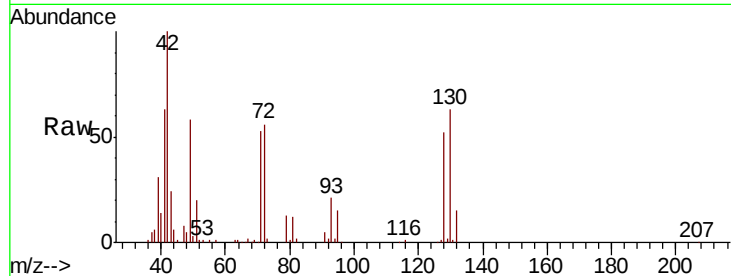




#29
Tetrahydrofuran
Concen: 264.815 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

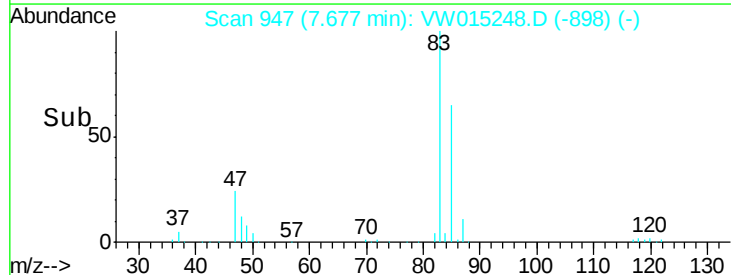
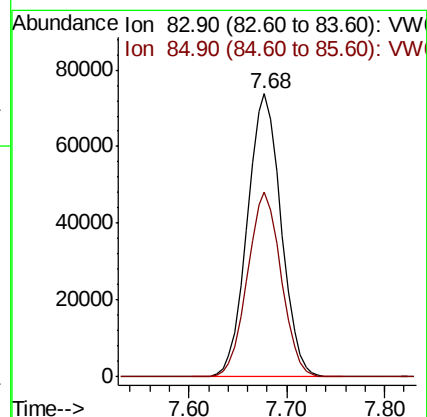
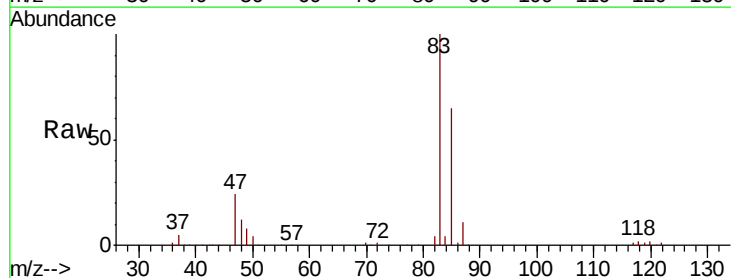
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

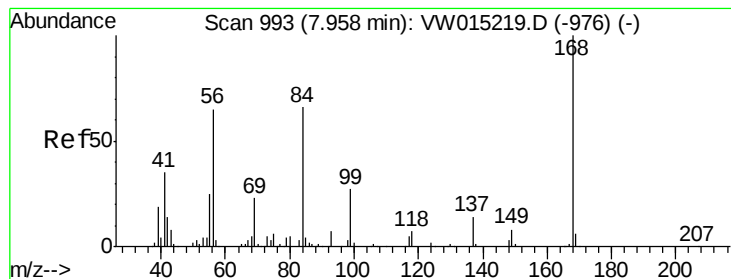
Tot Ion: 42 Resp: 66331
Ion Ratio Lower Upper
42 100
72 53.1 36.2 54.2
71 50.3 34.2 51.4



#30
Chloroform
Concen: 51.207 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion: 83 Resp: 176405
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3





#31

Cyclohexane

Concen: 42.523 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

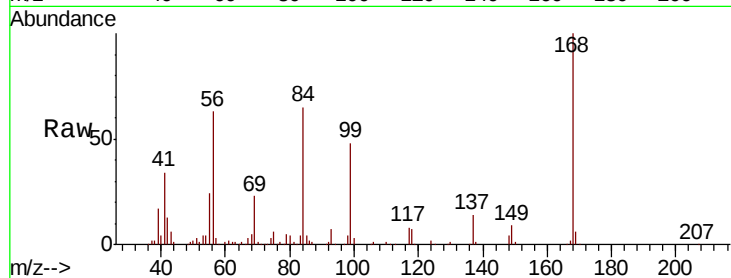
Tot Ion: 56 Resp: 136434

Ion Ratio Lower Upper

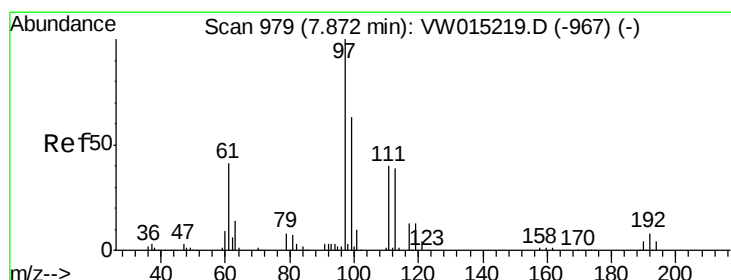
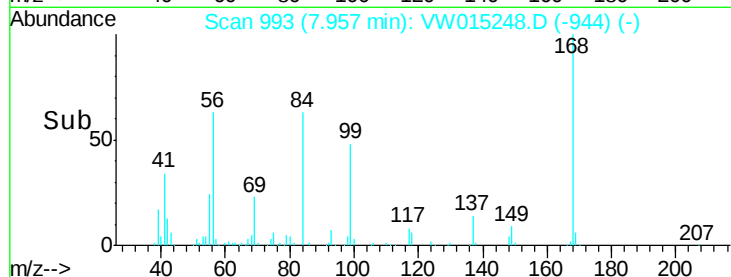
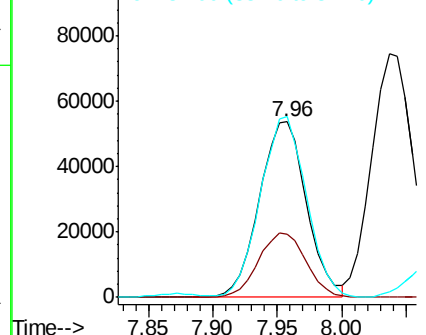
56 100

69 36.2 27.1 40.7

84 101.4 71.9 107.9



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



#32

1,1,1-Trichloroethane

Concen: 47.736 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

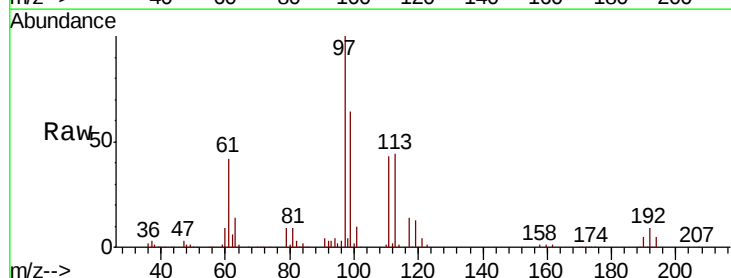
Tgt Ion: 97 Resp: 158712

Ion Ratio Lower Upper

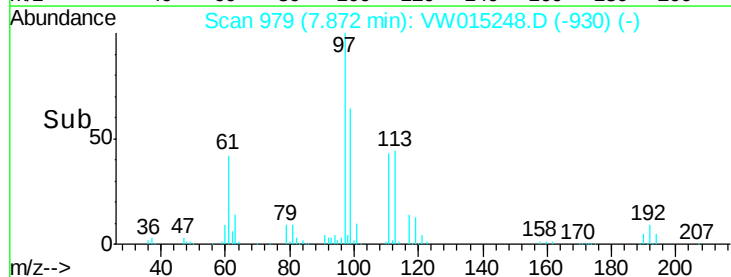
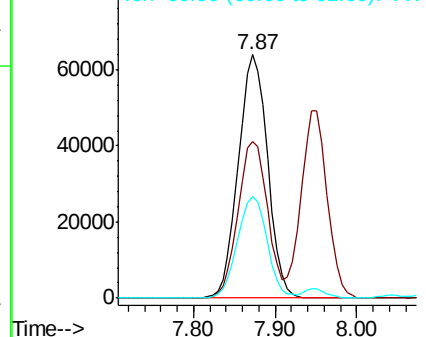
97 100

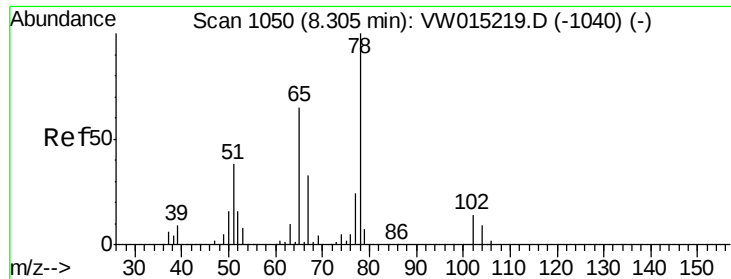
99 64.7 52.2 78.2

61 42.4 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

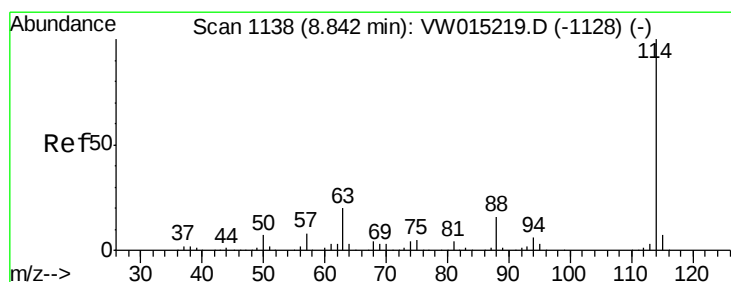
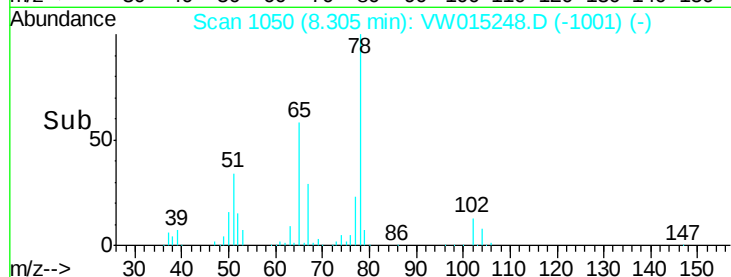
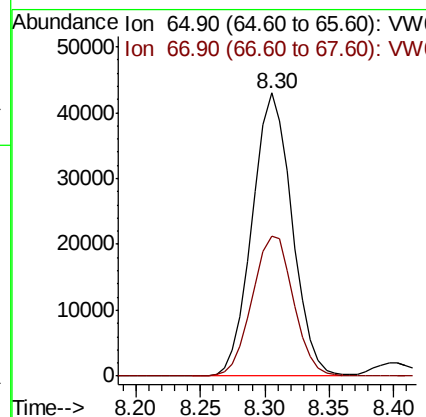
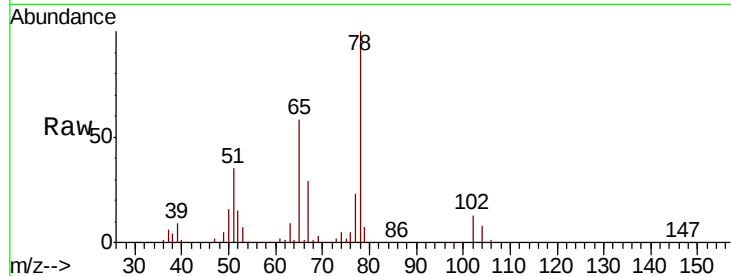




#33
 1,2-Dichloroethane-d4
 Concen: 53.009 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

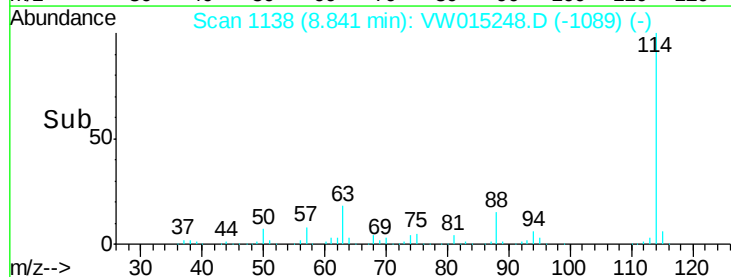
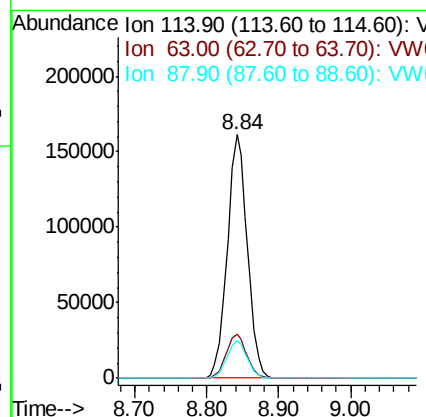
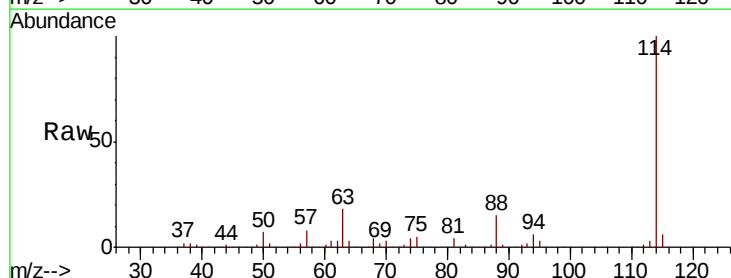
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

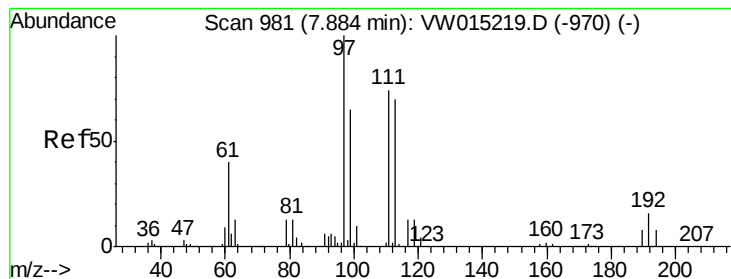
Tot Ion: 65 Resp: 91970
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion: 114 Resp: 311587
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.381 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

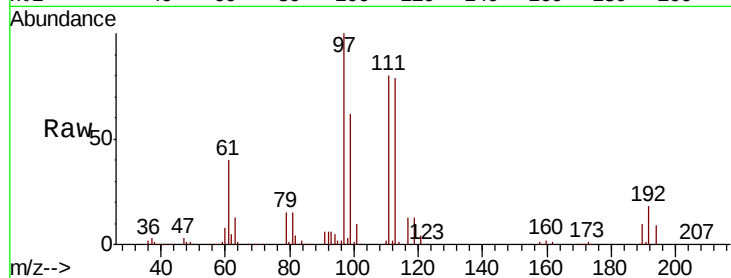
Tot Ion:113 Resp: 93858

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.4

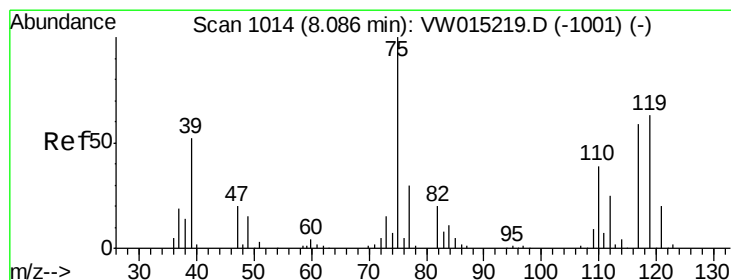
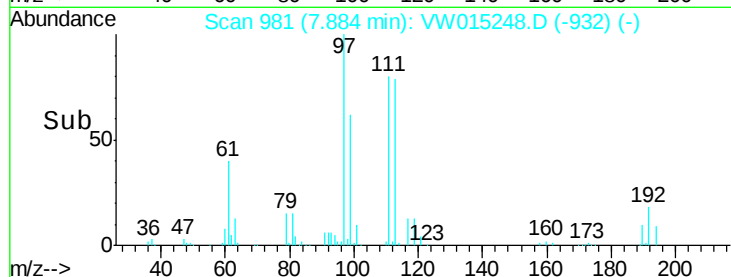
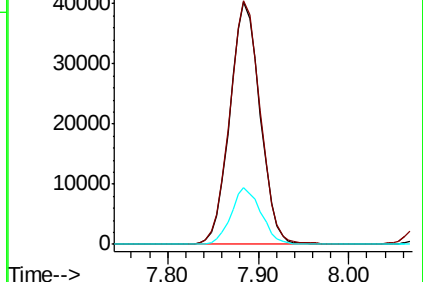
192 23.0 15.1 22.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.382 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

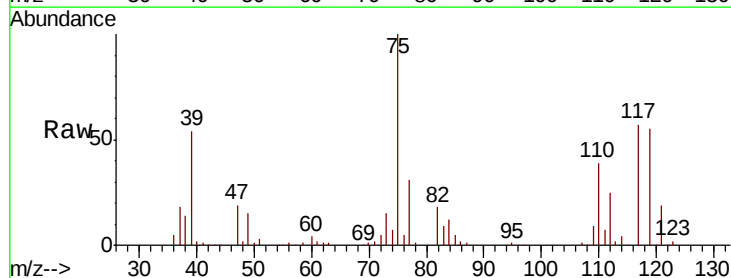
Tgt Ion: 75 Resp: 130438

Ion Ratio Lower Upper

75 100

110 38.4 18.2 54.6

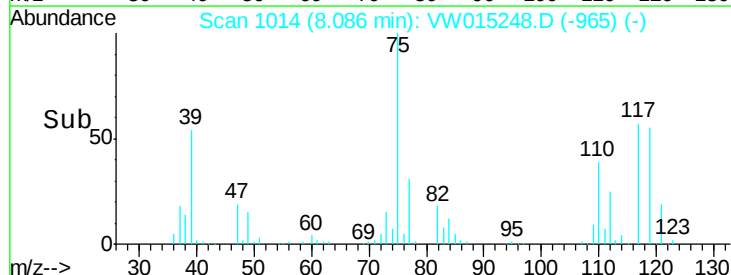
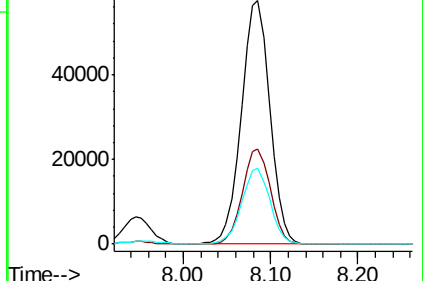
77 30.9 24.5 36.7

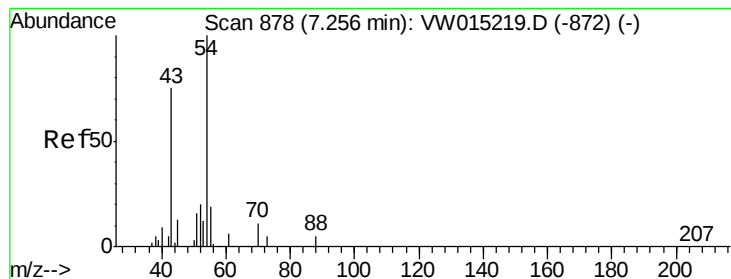


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 51.124 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

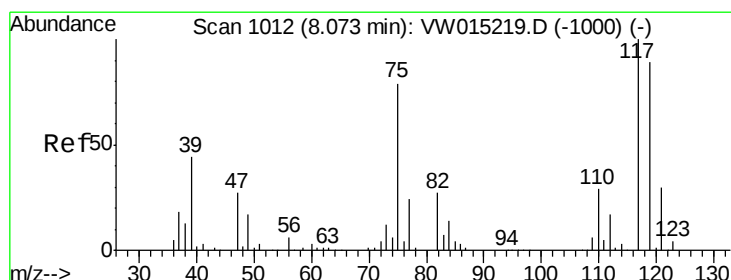
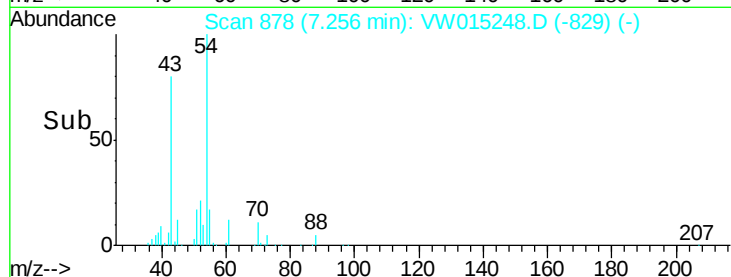
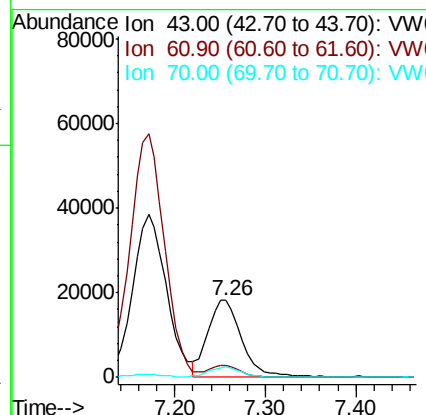
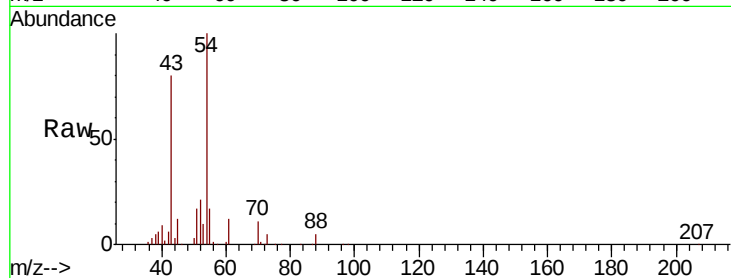
Tot Ion: 43 Resp: 46661

Ion Ratio Lower Upper

43 100

61 15.0 11.9 17.9

70 13.1 8.8 13.2



#38

Carbon Tetrachloride

Concen: 46.262 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

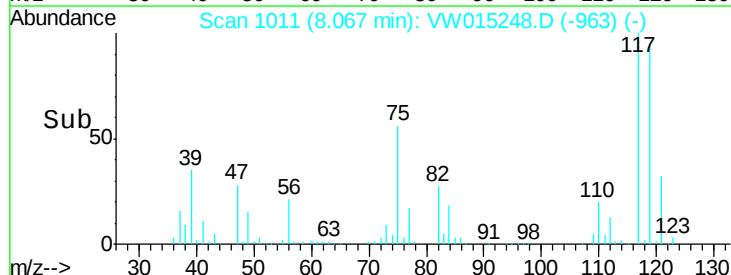
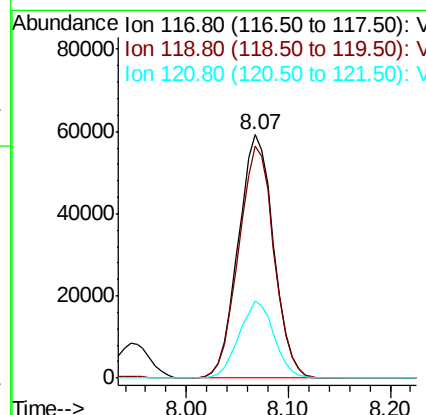
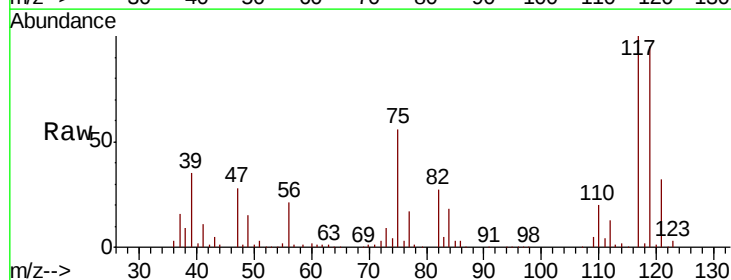
Tgt Ion: 117 Resp: 142176

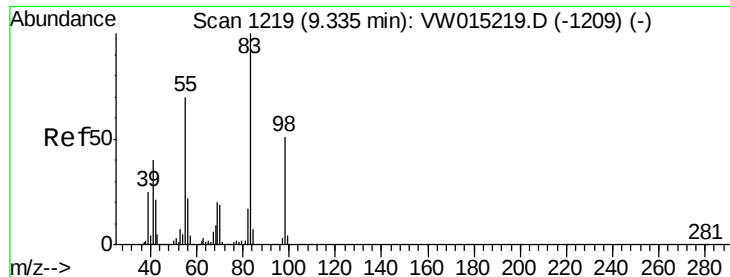
Ion Ratio Lower Upper

117 100

119 95.2 72.3 108.5

121 31.6 23.7 35.5

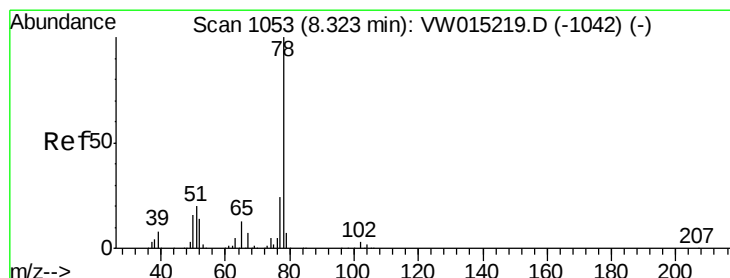
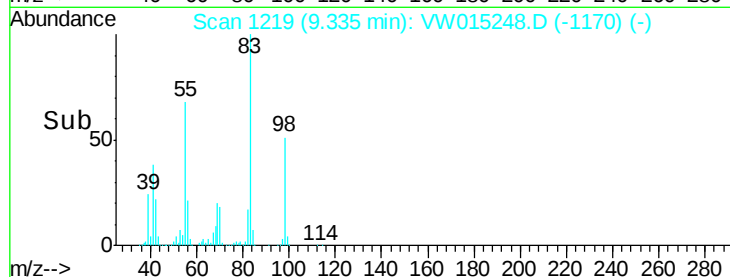
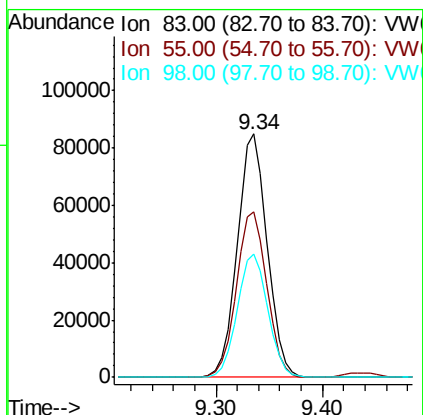
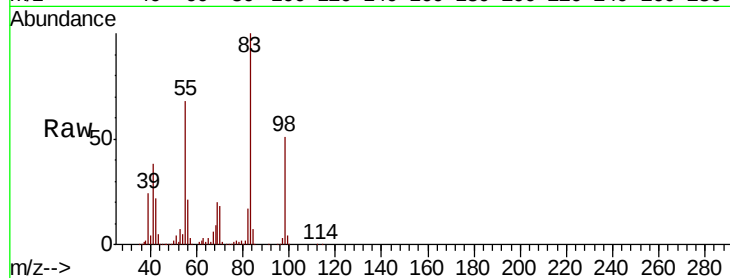




#39
Methvlcvclohexane
Concen: 44.762 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

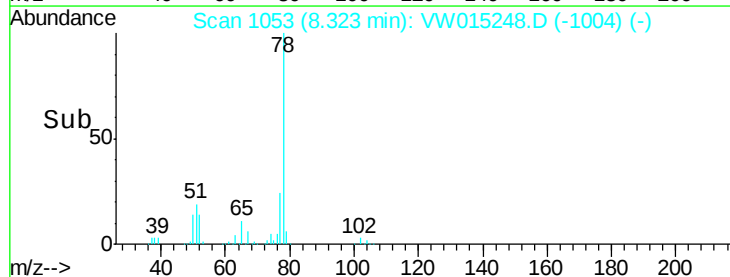
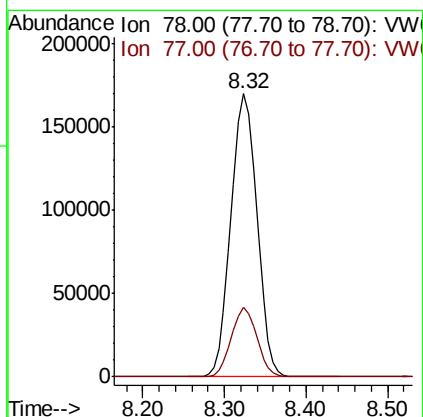
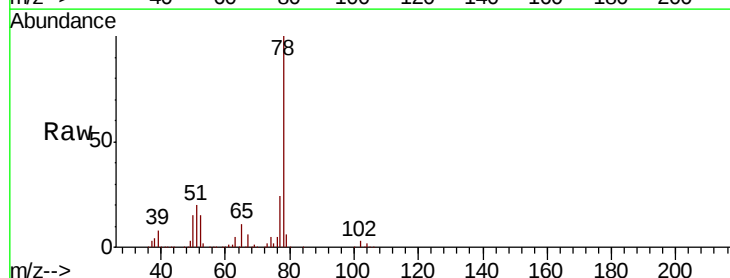
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

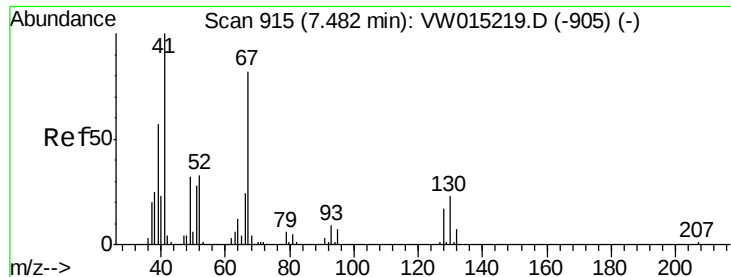
Tot Ion: 83 Resp: 167549
Ion Ratio Lower Upper
83 100
55 67.8 58.1 87.1
98 50.9 40.2 60.4



#40
Benzene
Concen: 49.858 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion: 78 Resp: 374549
Ion Ratio Lower Upper
78 100
77 24.4 18.2 27.2

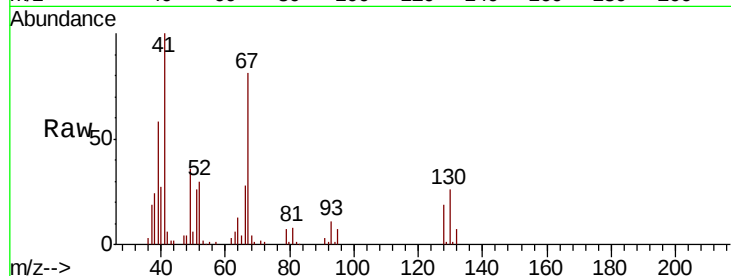




#41
Methacrylonitrile
Concen: 48.582 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	26605
Ion	Ratio	Lower	Upper
41	100		
39	64.9	41.9	62.9#
67	86.9	60.6	91.0
52	35.5	23.8	35.8



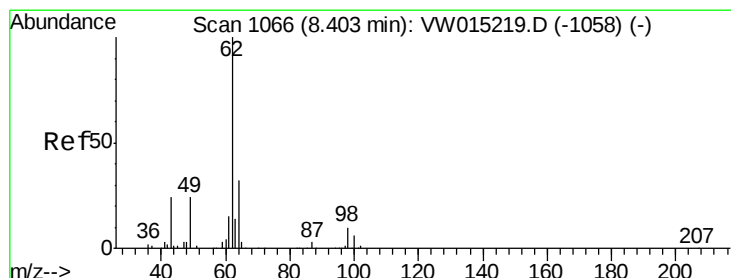
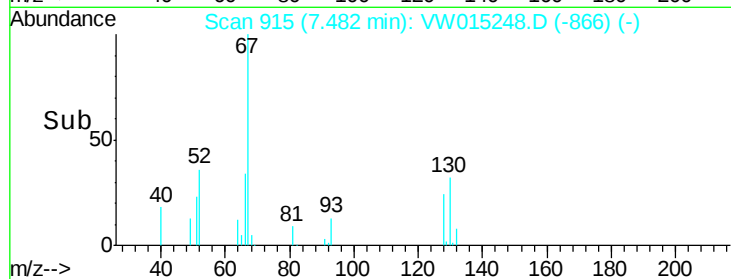
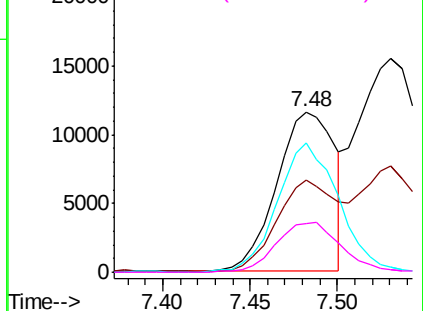
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

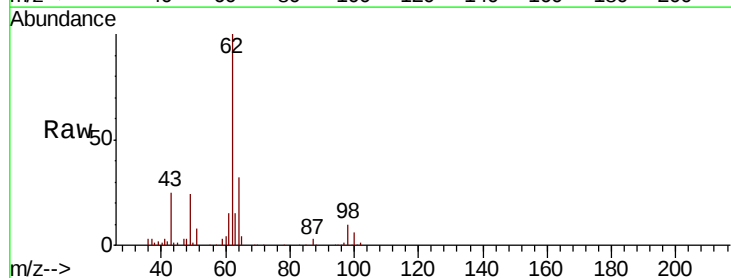
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 51.037 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

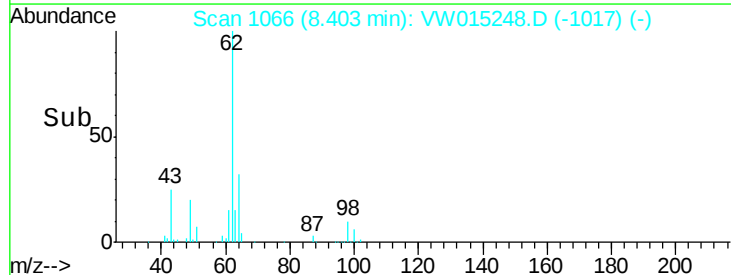
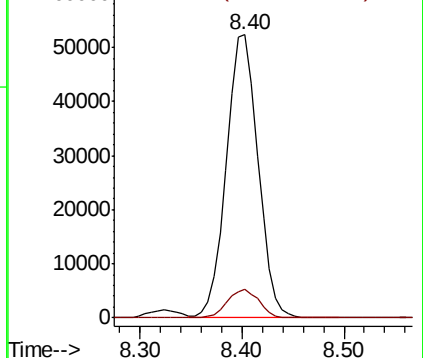
Tgt Ion:	62	Resp:	112869
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

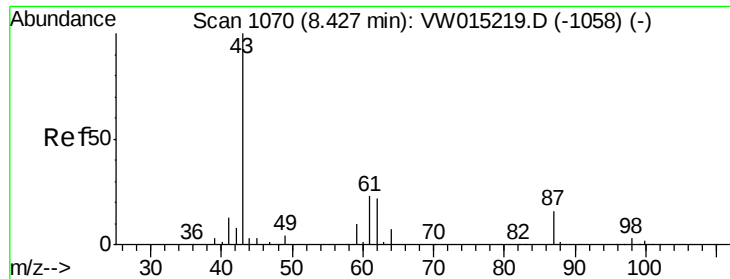


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.705 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

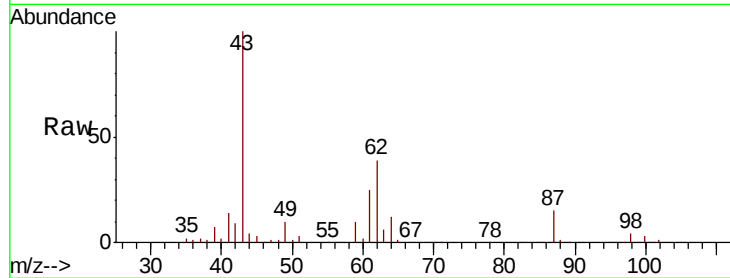
Tot Ion: 43 Resp: 97063

Ion Ratio Lower Upper

43 100

61 33.5 24.8 37.2

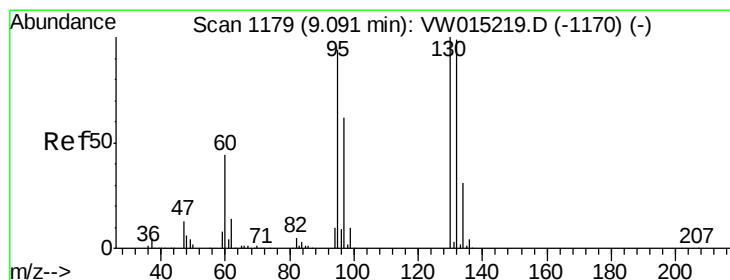
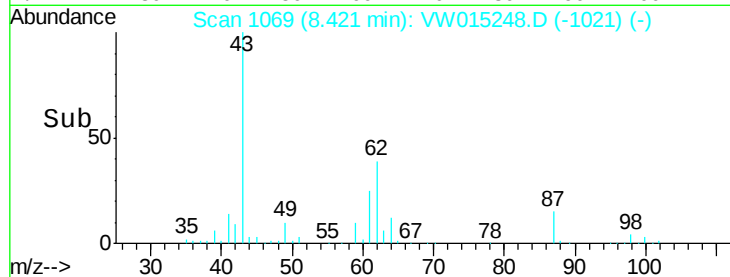
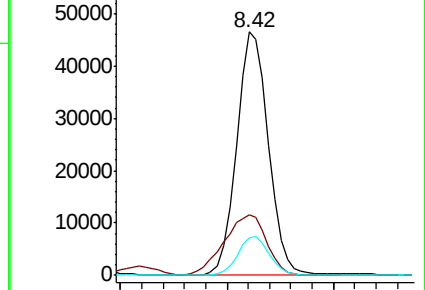
87 15.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.899 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015248.D

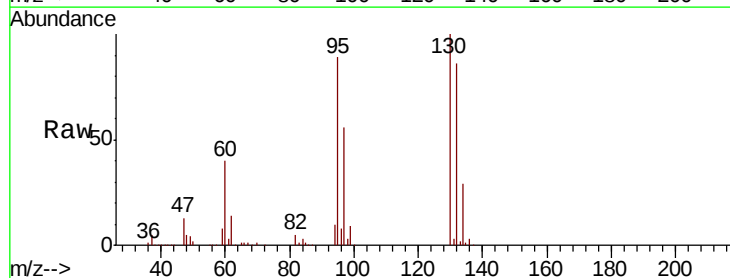
Acq: 21 Apr 2020 01:59

Tgt Ion:130 Resp: 114661

Ion Ratio Lower Upper

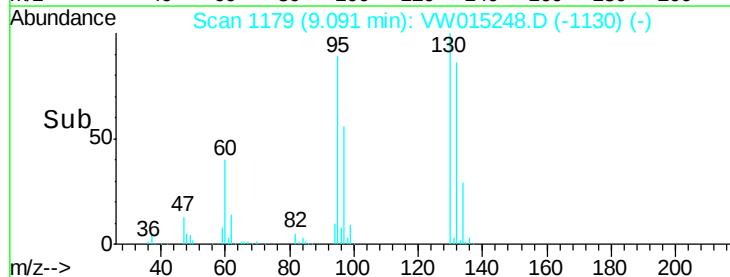
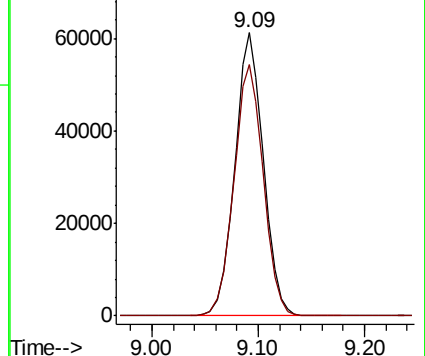
130 100

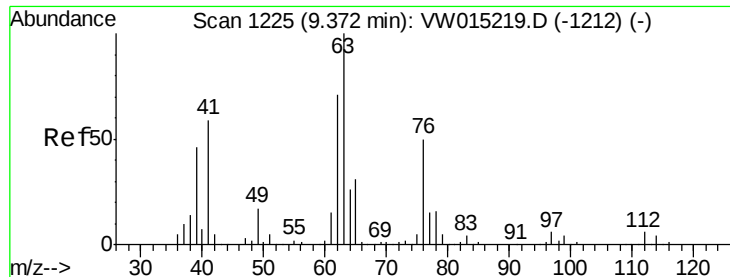
95 88.8 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

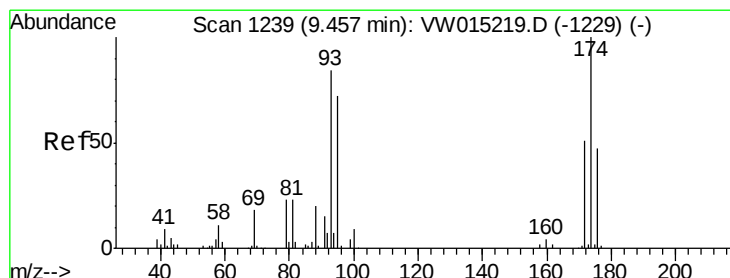
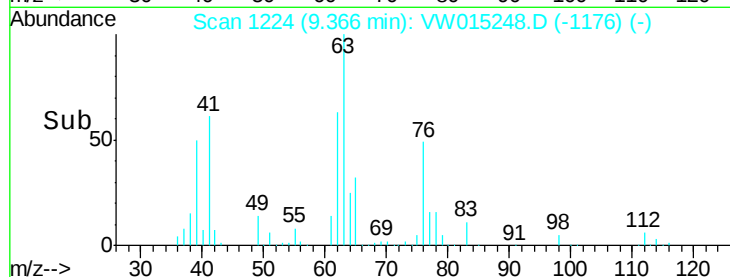
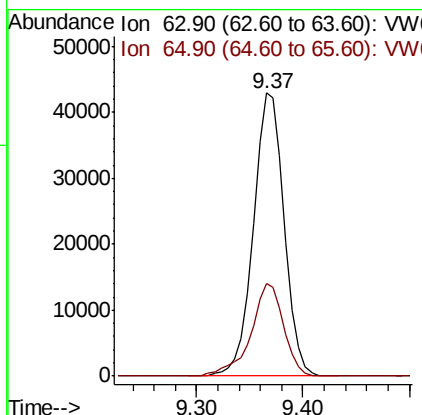
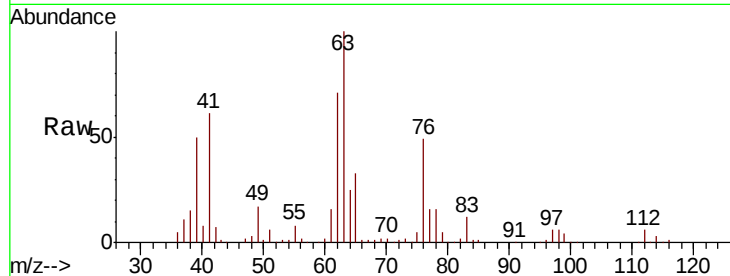




#45
 1,2-Dichloropropane
 Concen: 49.749 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

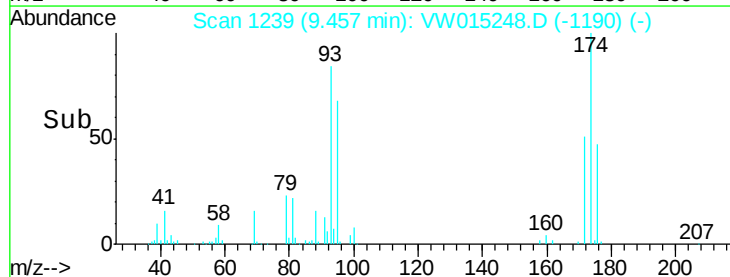
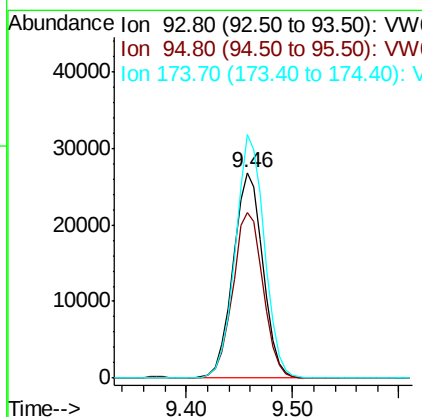
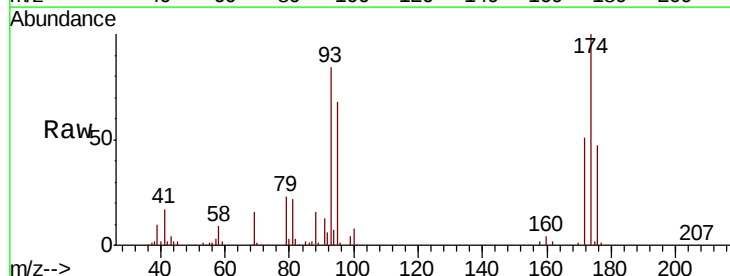
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

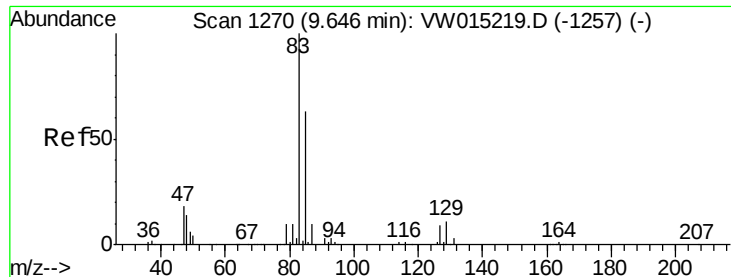
Tot Ion: 63 Resp: 86910
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.5 38.3



#46
 Dibromomethane
 Concen: 52.035 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion: 93 Resp: 52585
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.5 101.3
 174 115.6 74.1 111.1#

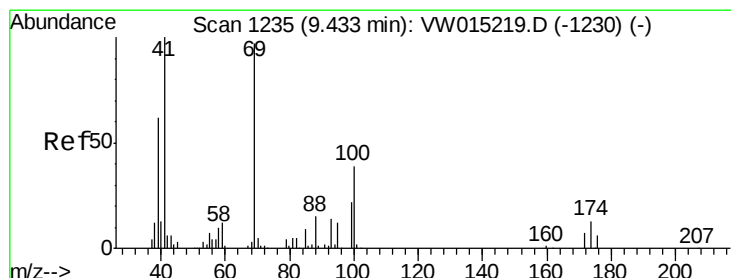
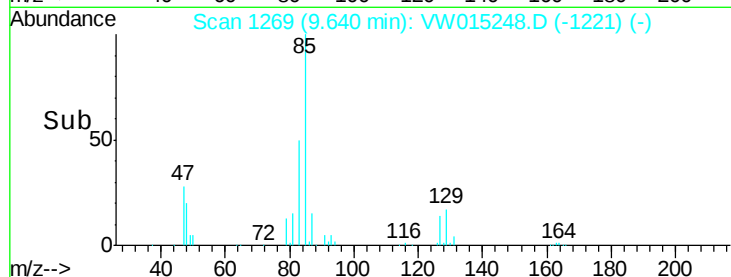
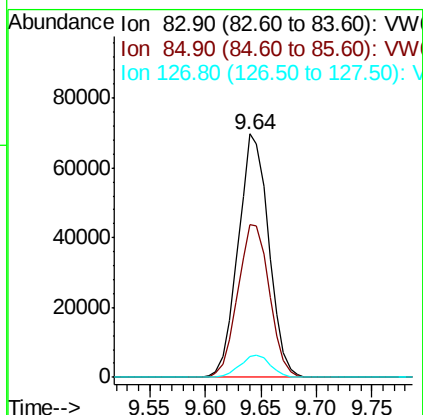
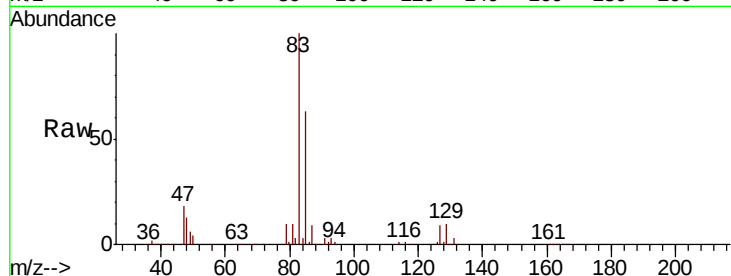




#47
Bromodichloromethane
Concen: 49.200 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

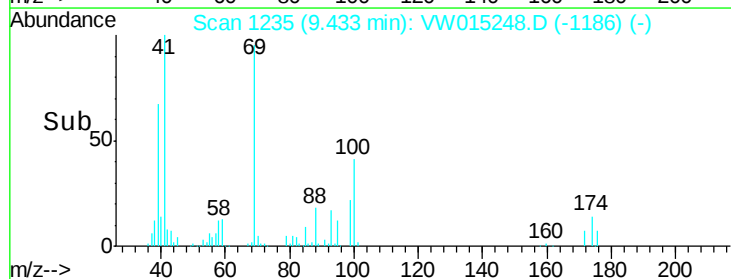
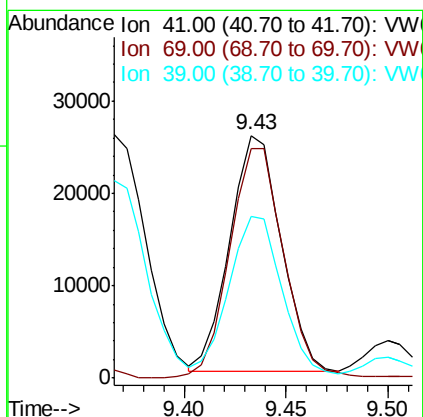
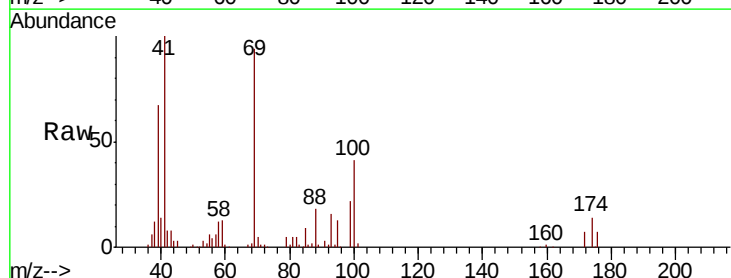
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

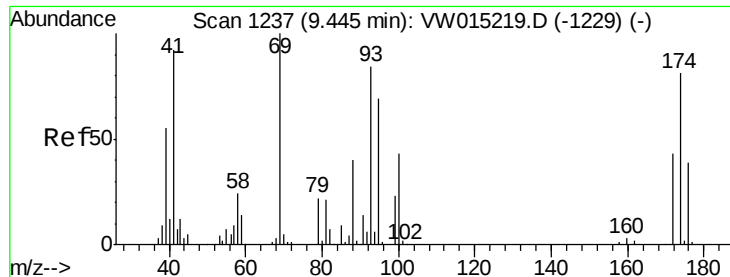
Tot Ion: 83 Resp: 132914
Ion Ratio Lower Upper
83 100
85 62.8 50.6 76.0
127 8.6 6.7 10.1



#48
Methyl methacrylate
Concen: 49.566 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion: 41 Resp: 44853
Ion Ratio Lower Upper
41 100
69 102.7 70.6 105.8
39 71.7 42.6 64.0#





#49

1,4-Dioxane

Concen: 1125.446 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

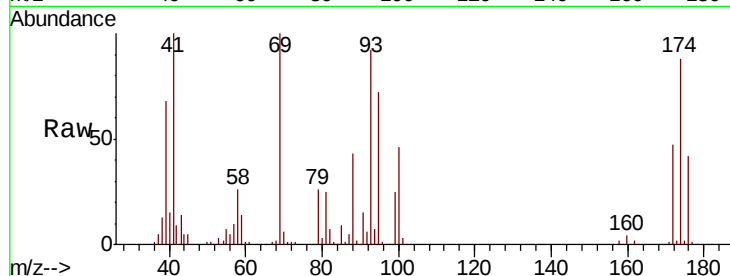
Tot Ion: 88 Resp: 15162

Ion Ratio Lower Upper

88 100

43 31.3 23.5 35.3

58 63.2 55.4 83.2

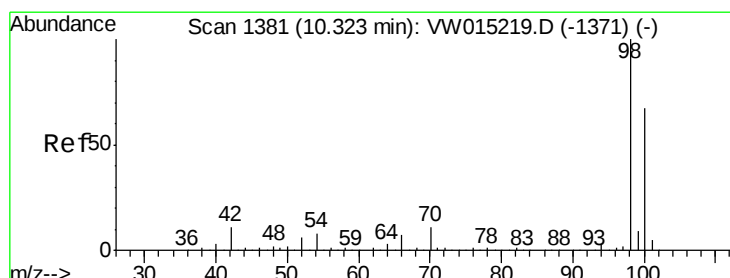
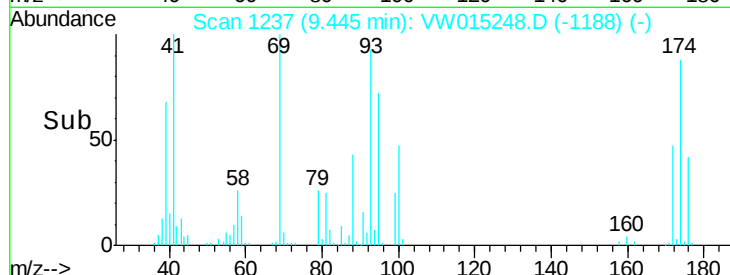
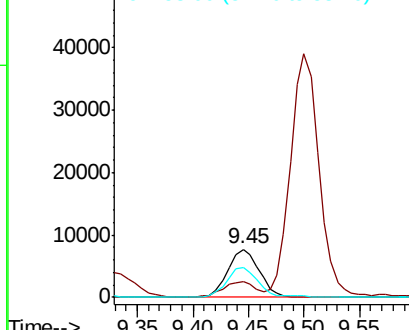


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.697 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015248.D

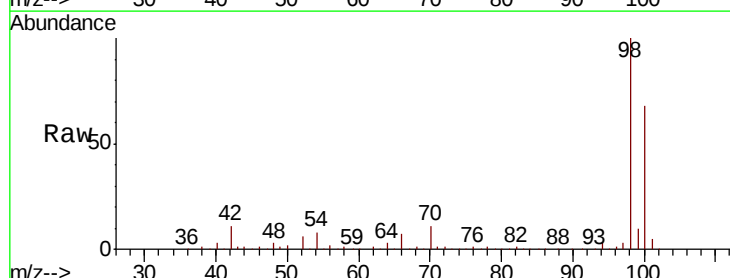
Acq: 21 Apr 2020 01:59

Tgt Ion: 98 Resp: 375345

Ion Ratio Lower Upper

98 100

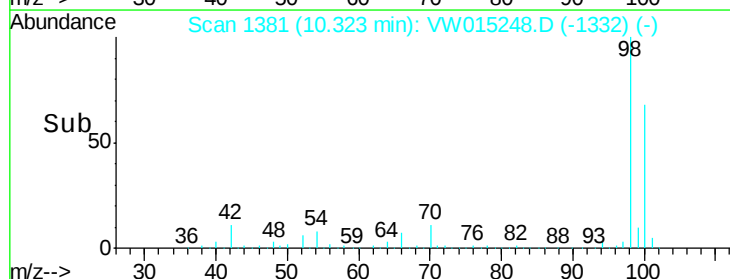
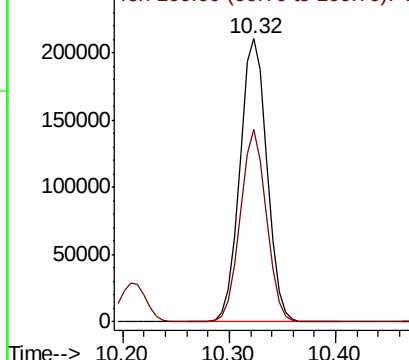
100 65.8 52.9 79.3

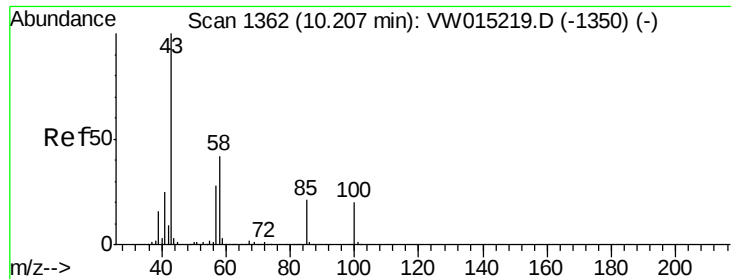


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 267.717 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

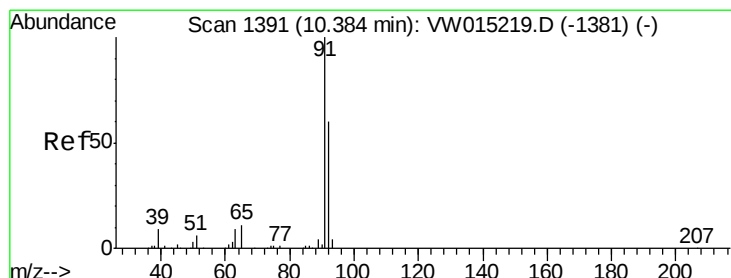
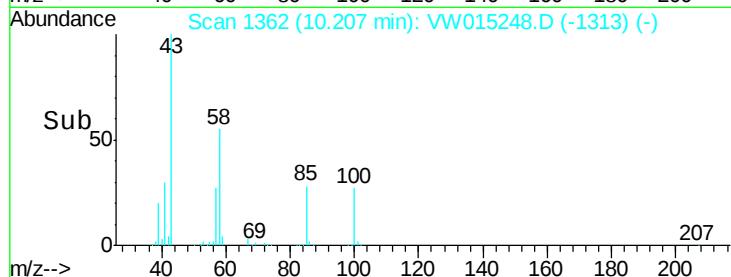
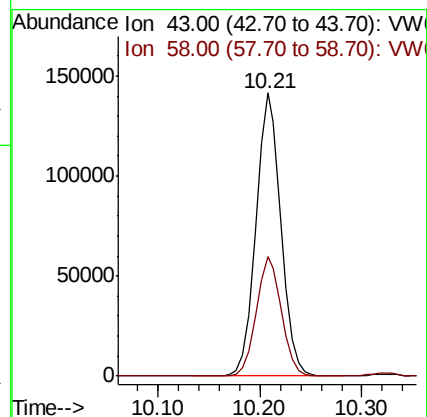
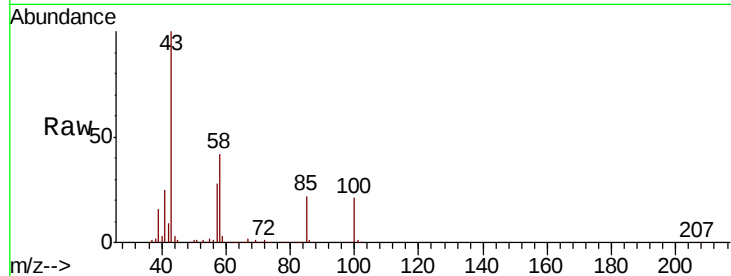
VSTDCCC050EC

Tot Ion: 43 Resp: 240569

Ion Ratio Lower Upper

43 100

58 42.5 32.3 48.5



#52

Toluene

Concen: 50.615 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015248.D

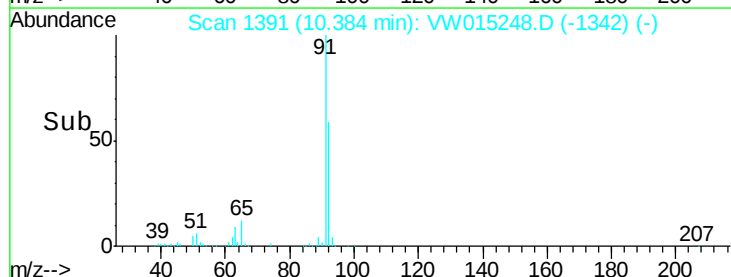
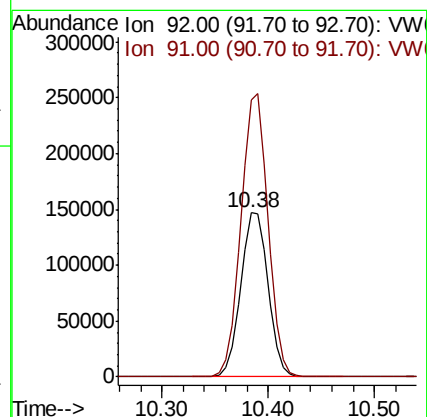
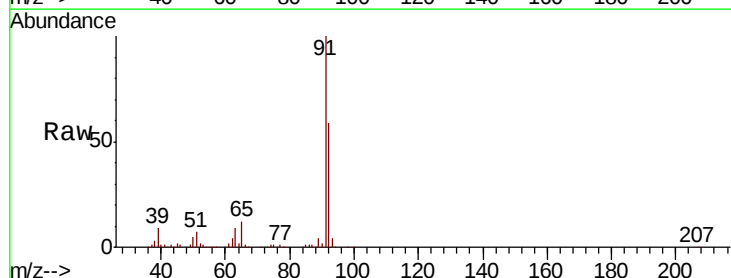
Acq: 21 Apr 2020 01:59

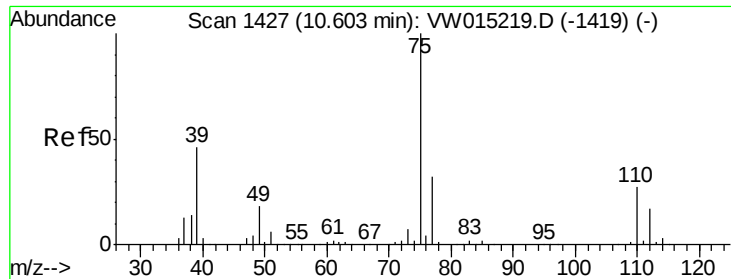
Tgt Ion: 92 Resp: 266110

Ion Ratio Lower Upper

92 100

91 170.4 137.1 205.7

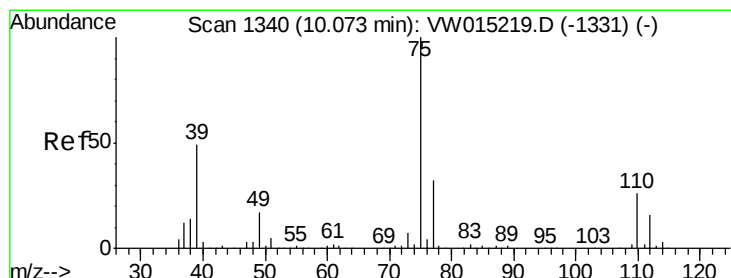
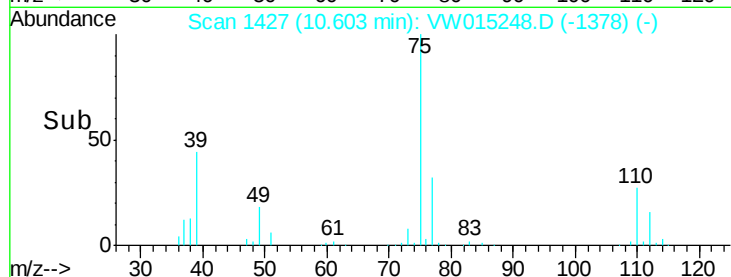
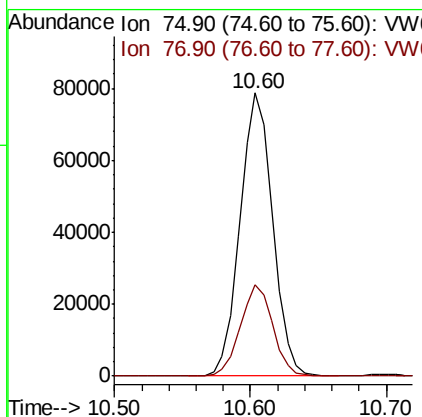
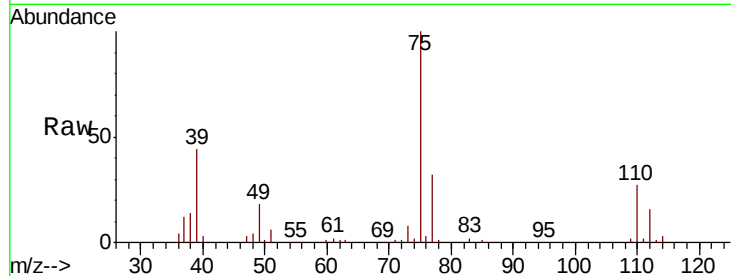




#53
 t-1,3-Dichloropropene
 Concen: 49.495 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

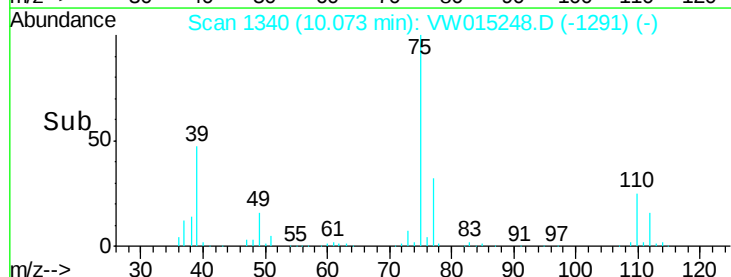
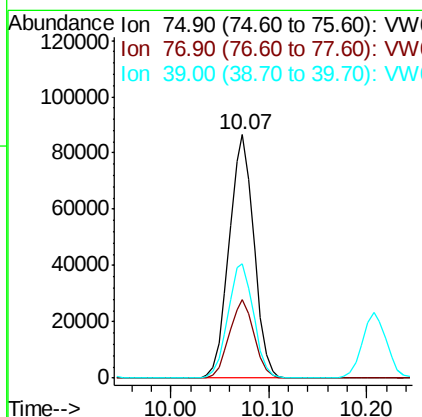
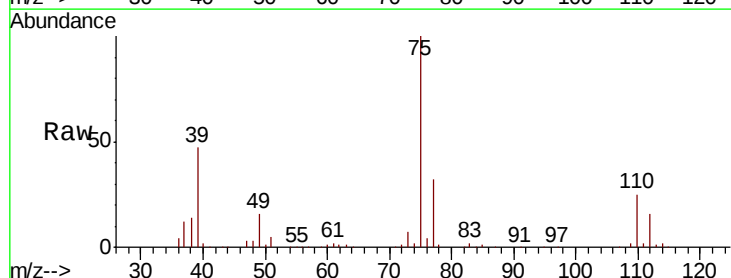
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

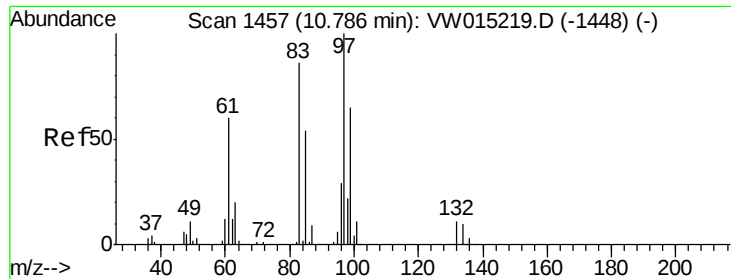
Tot Ion: 75 Resp: 131842
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.069 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion: 75 Resp: 151928
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.6 39.8
 39 47.1 37.8 56.6

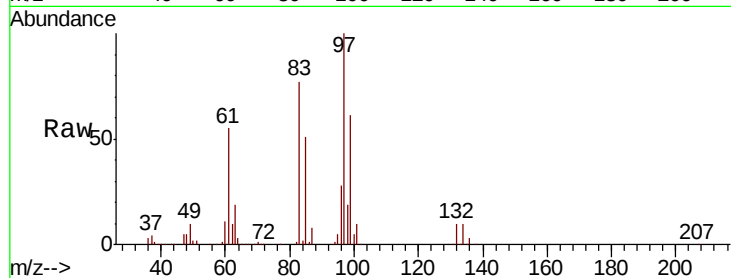




#55
 1,1,2-Trichloroethane
 Concen: 51.661 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	73103
Ion	Ratio	Lower	Upper
97	100		
83	77.2	67.3	100.9
85	50.8	43.8	65.8
99	60.8	51.4	77.0



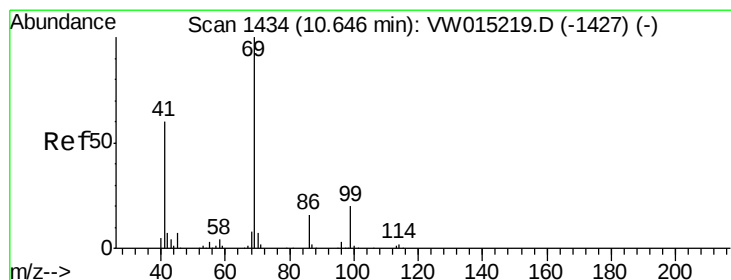
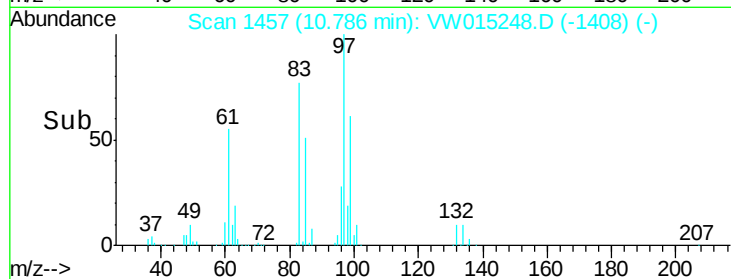
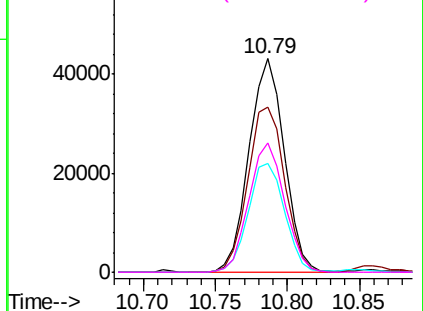
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

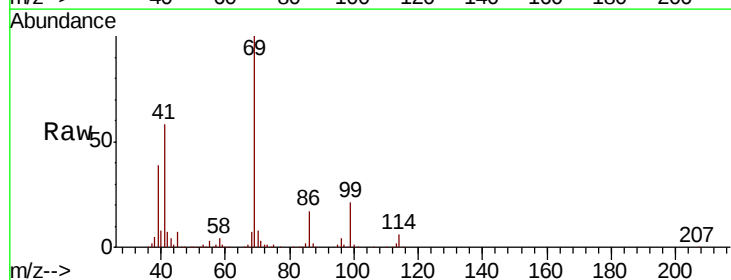
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 52.479 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion:	69	Resp:	95666
Ion	Ratio	Lower	Upper
69	100		
41	59.0	51.3	76.9
39	35.1	24.6	37.0

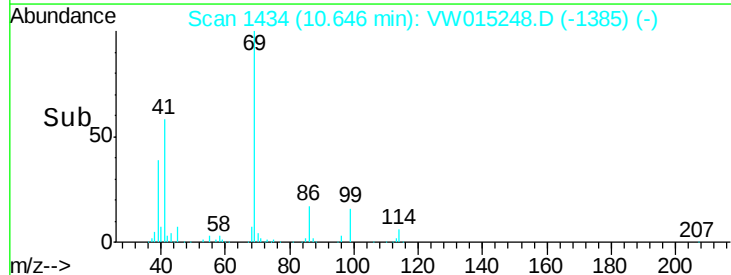
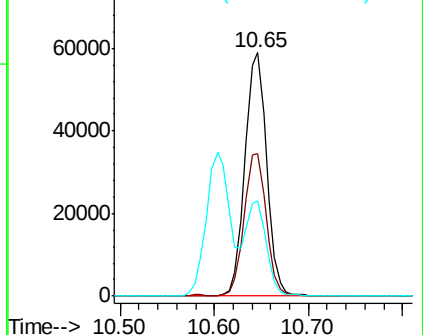


Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

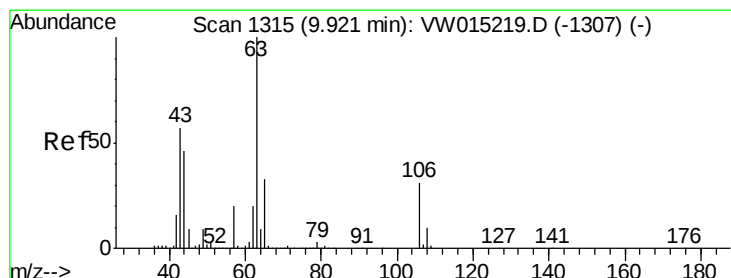
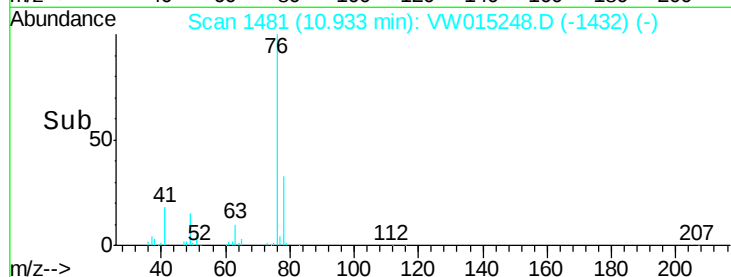
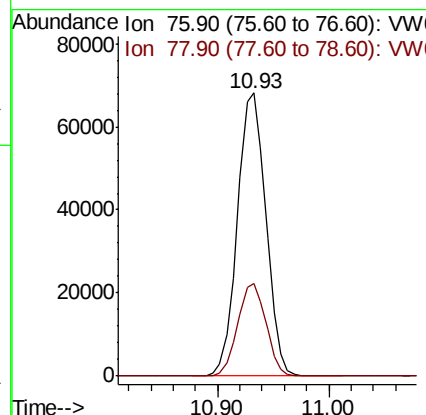
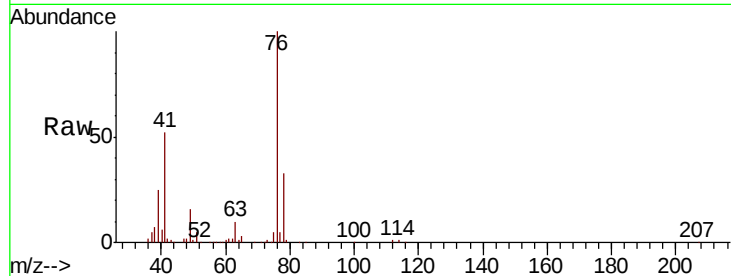




#57
 1,3-Dichloropropane
 Concen: 51.506 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

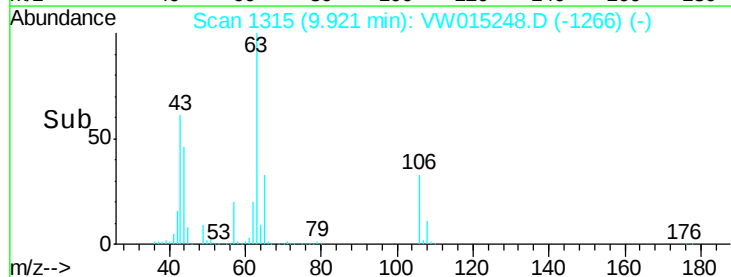
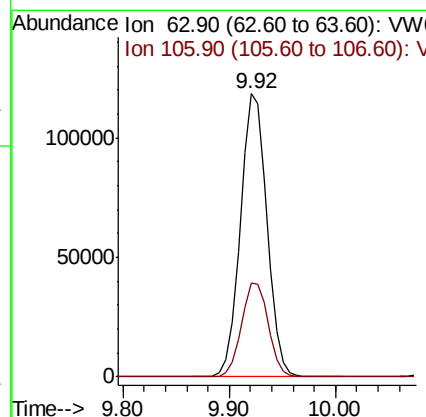
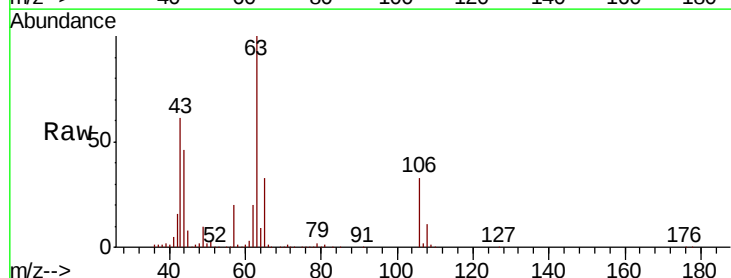
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

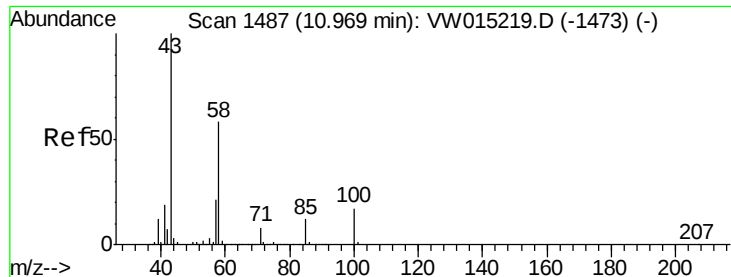
Tot Ion: 76 Resp: 120731
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.371 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion: 63 Resp: 207375
 Ion Ratio Lower Upper
 63 100
 106 33.8 22.6 33.8

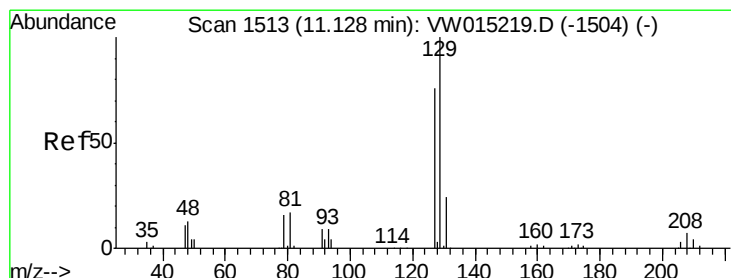
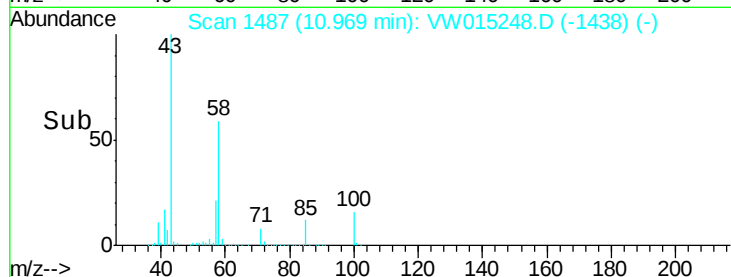
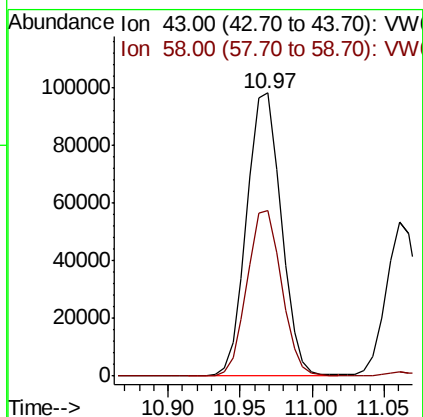
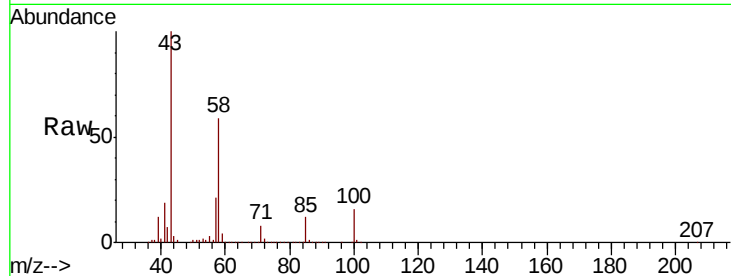




#59
2-Hexanone
Concen: 254.087 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

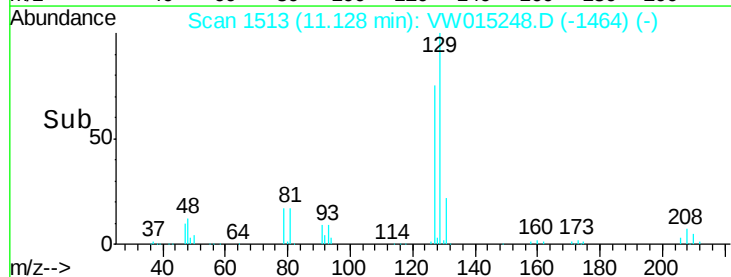
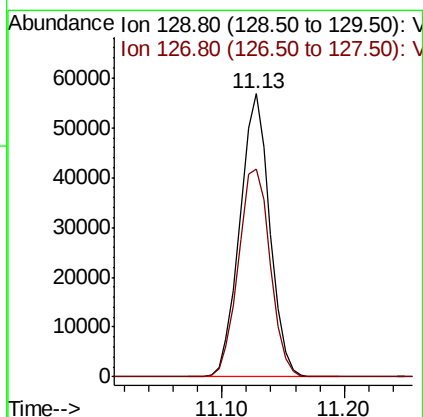
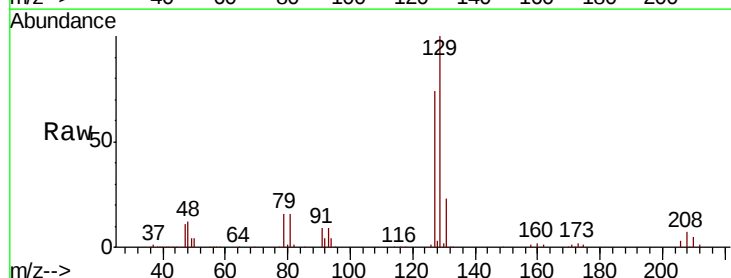
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

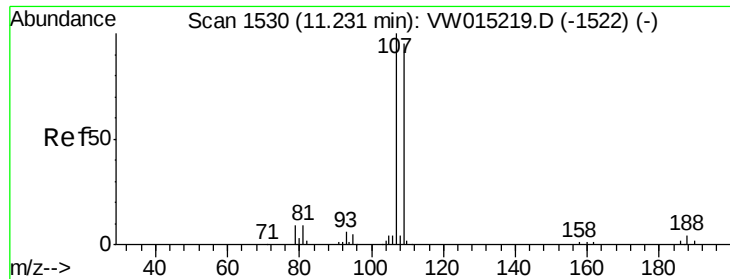
Tot Ion: 43 Resp: 162984
Ion Ratio Lower Upper
43 100
58 58.8 28.1 84.3



#60
Dibromochloromethane
Concen: 51.421 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion: 129 Resp: 96073
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.8

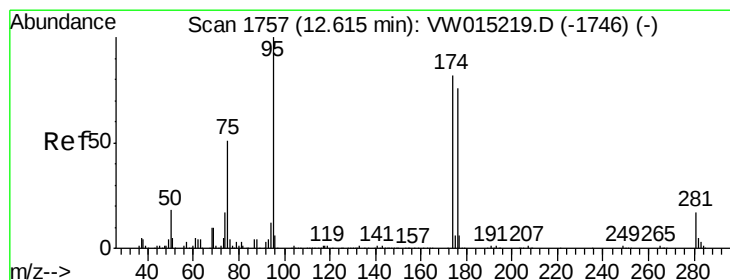
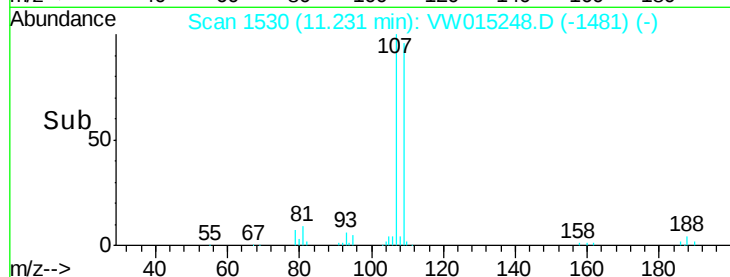
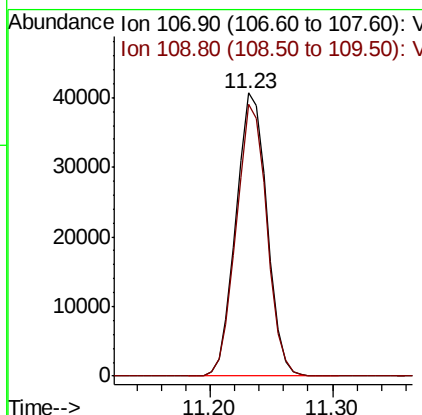
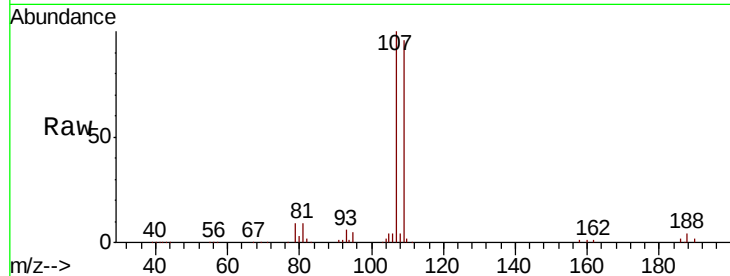




#61
 1,2-Dibromoethane
 Concen: 51.878 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

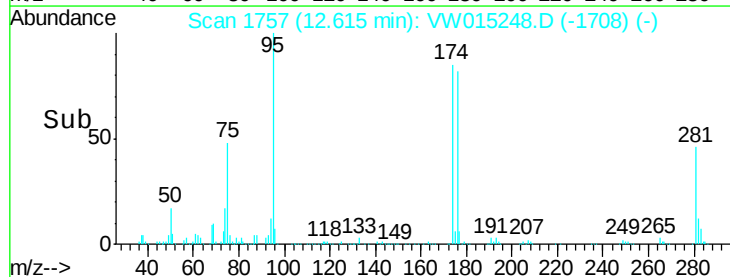
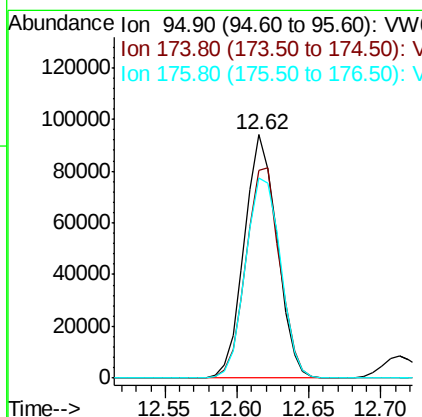
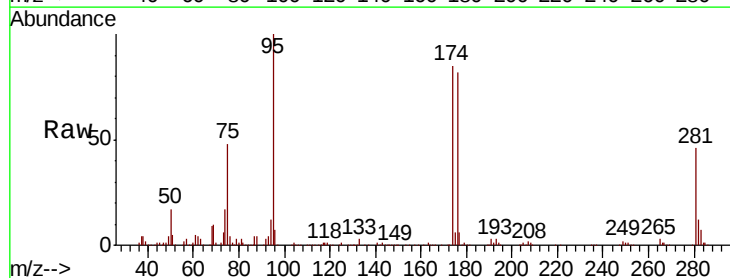
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

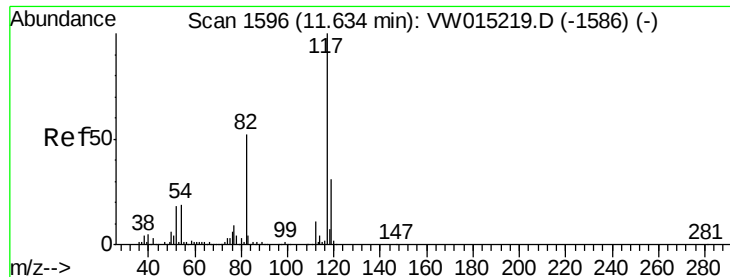
Tot Ion:107 Resp: 71632
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 53.582 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion: 95 Resp: 148433
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 144.4
 176 87.5 0.0 140.6

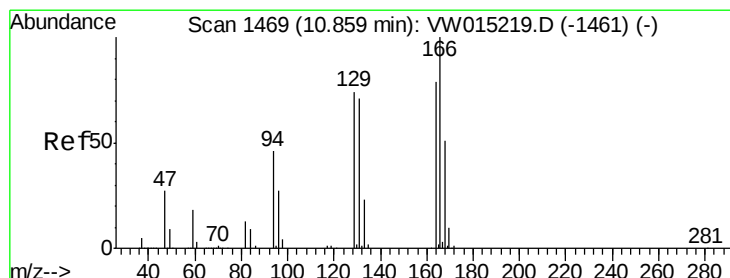
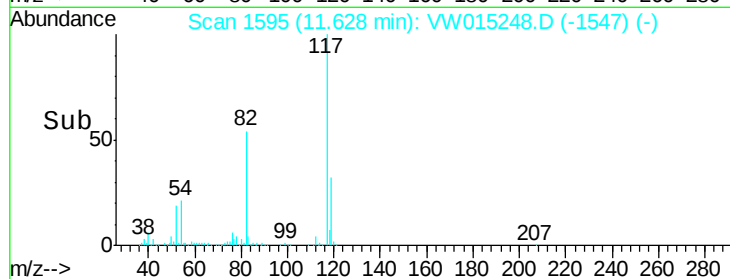
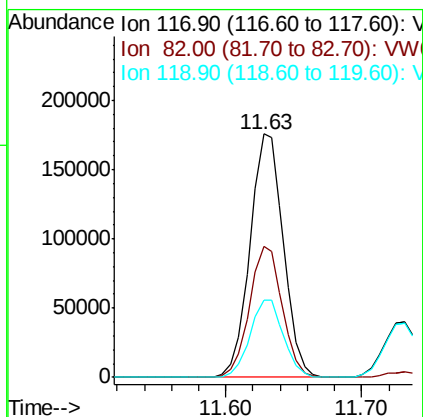
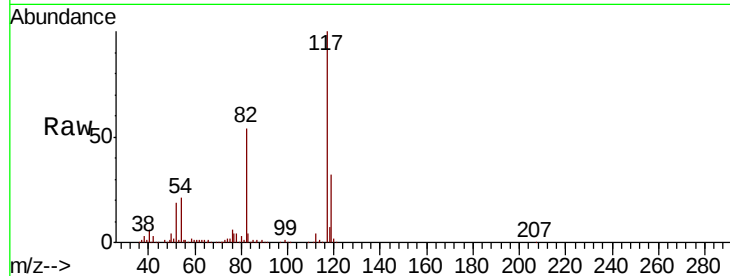




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

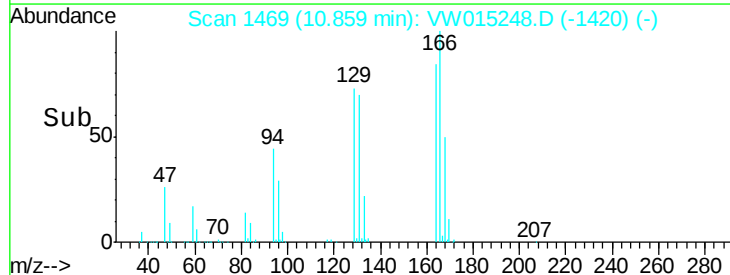
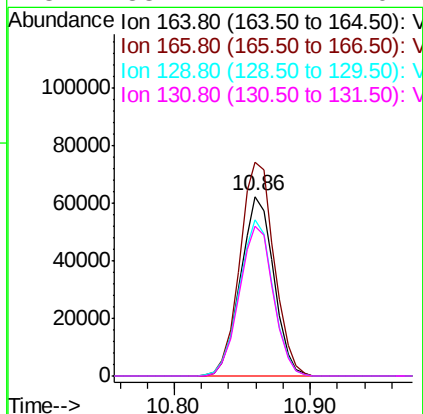
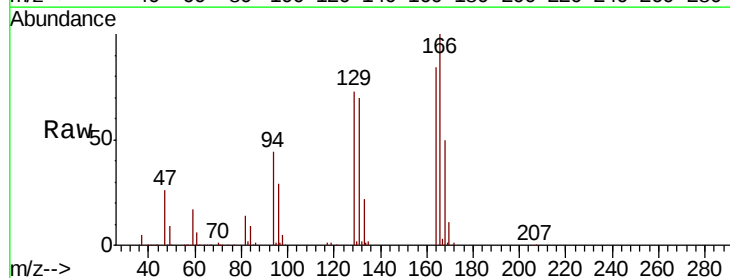
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

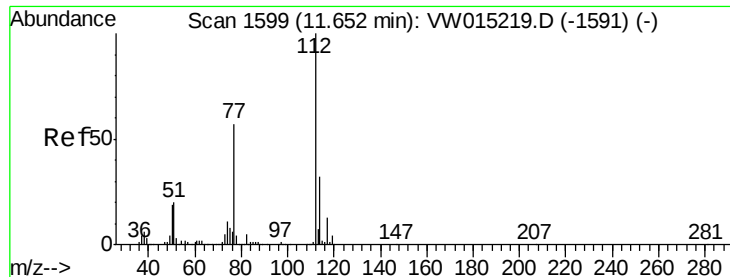
Tot Ion:117 Resp: 301855
Ion Ratio Lower Upper
117 100
82 53.9 44.1 66.1
119 31.7 24.9 37.3



#64
Tetrachloroethene
Concen: 49.256 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion:164 Resp: 106115
Ion Ratio Lower Upper
164 100
166 119.0 102.6 154.0
129 86.8 80.2 120.2
131 83.7 77.4 116.2





#65

Chlorobenzene

Concen: 50.287 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

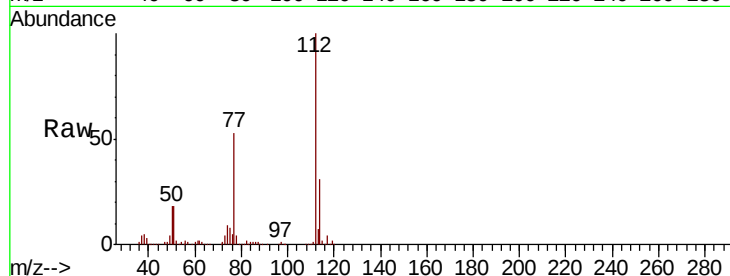
VSTDCCC050EC

Tot Ion:112 Resp: 297862

Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

200000

150000

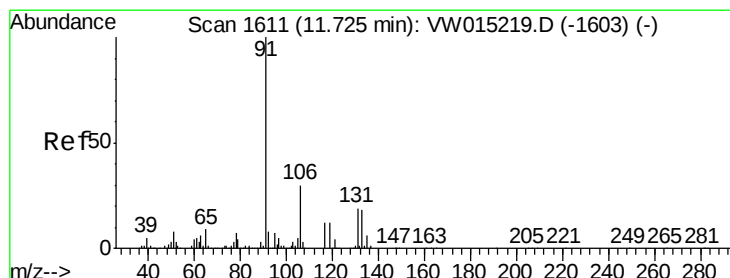
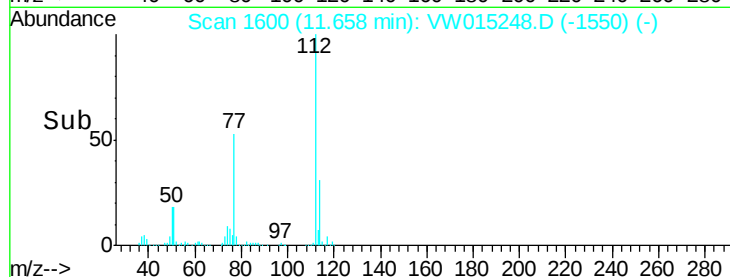
100000

50000

0

Time-->

11.60 11.70



#66

1,1,1,2-Tetrachloroethane

Concen: 49.443 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

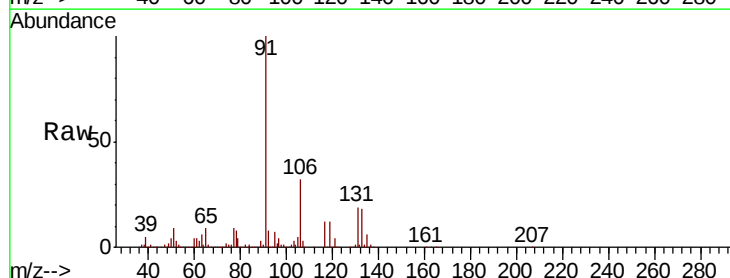
Tgt Ion:131 Resp: 105259

Ion Ratio Lower Upper

131 100

133 96.4 47.7 143.1

119 64.6 34.0 101.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

80000

60000

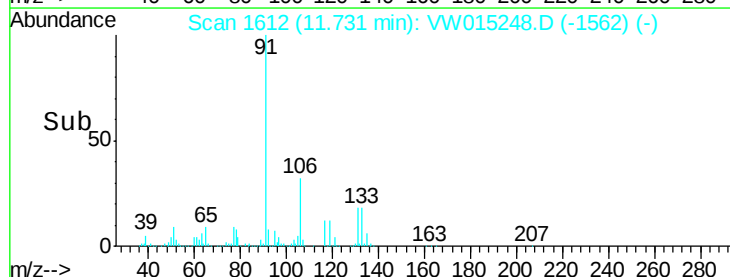
40000

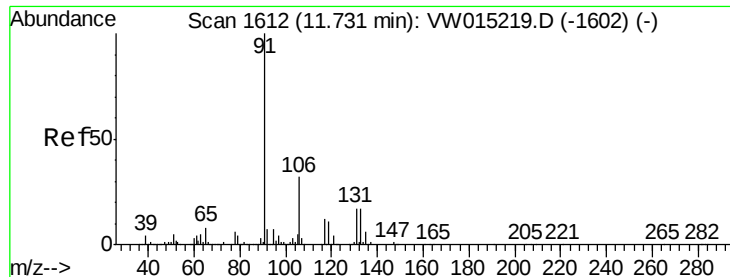
20000

0

Time-->

11.70 11.80

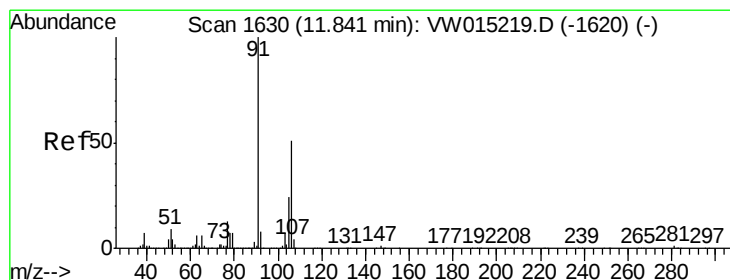
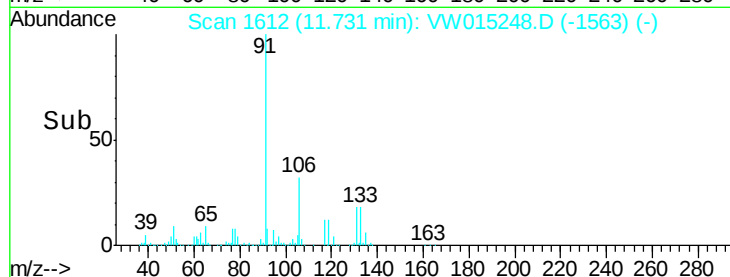
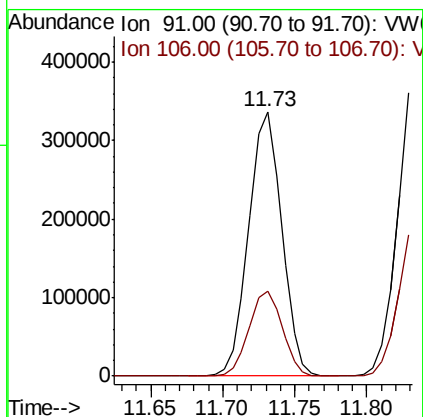
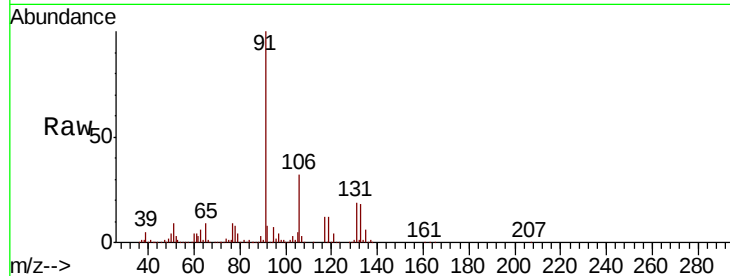




#67
Ethyl Benzene
Concen: 48.460 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

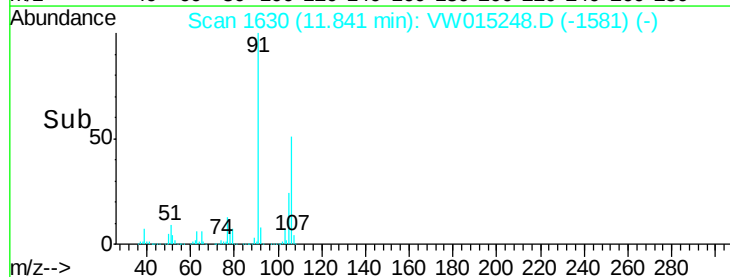
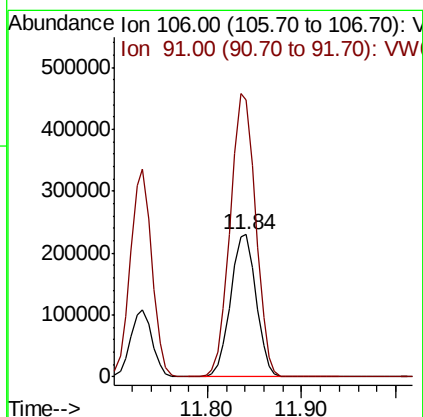
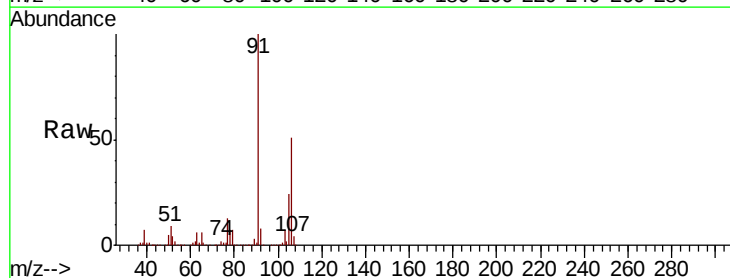
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

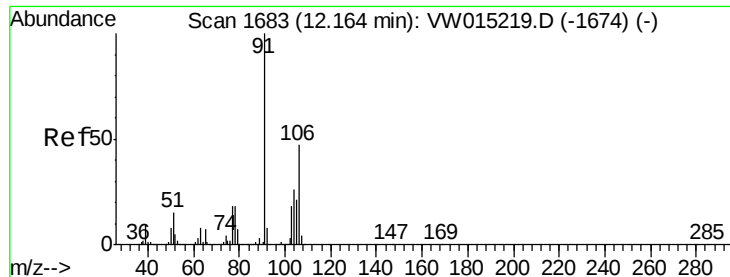
Tot Ion: 91 Resp: 535292
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 100.185 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion: 106 Resp: 433781
Ion Ratio Lower Upper
106 100
91 198.0 160.0 240.0

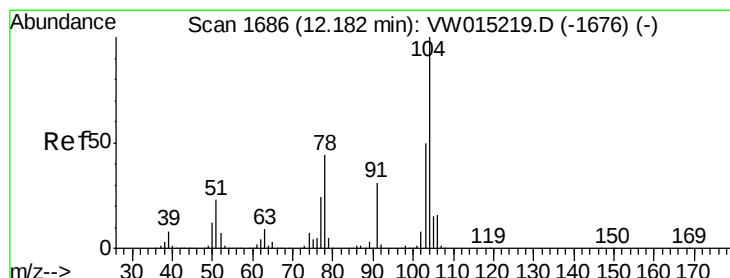
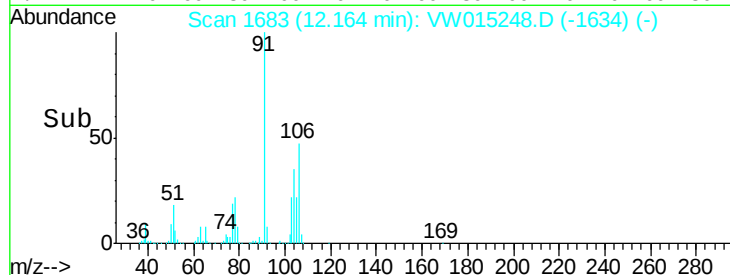
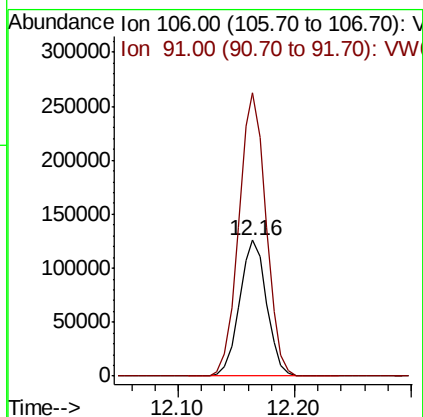
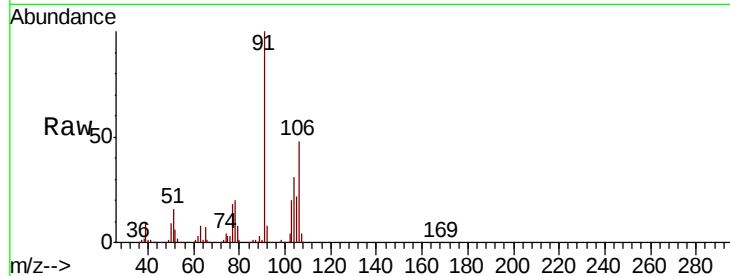




#69
o-Xylene
Concen: 50.651 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

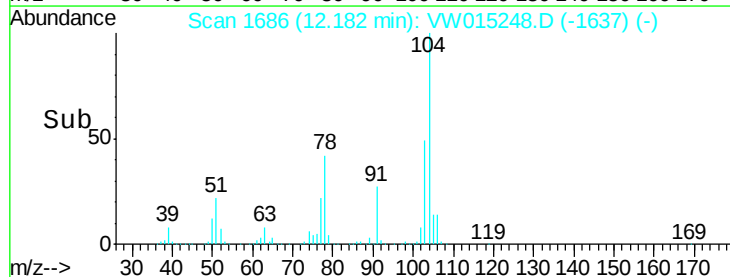
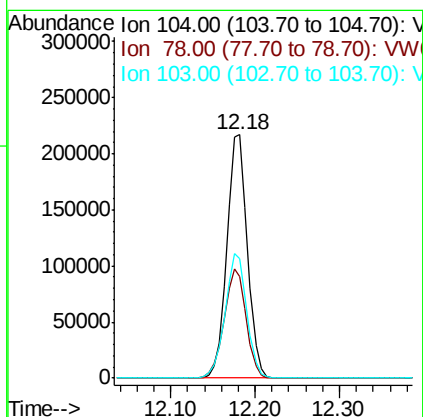
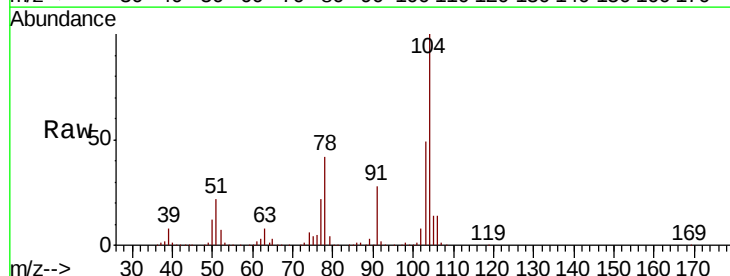
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

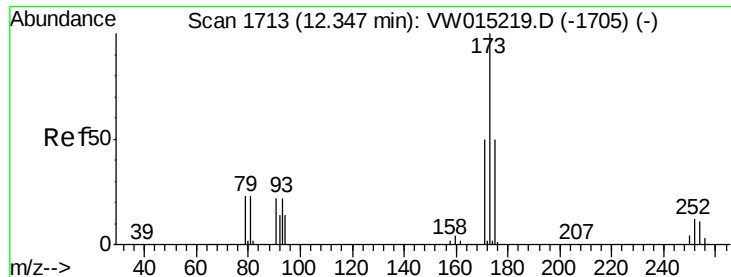
Tot Ion:106 Resp: 204699
Ion Ratio Lower Upper
106 100
91 208.6 105.7 317.1



#70
Styrene
Concen: 52.430 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion:104 Resp: 361183
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.6
103 53.9 43.8 65.6





#71

Bromoform

Concen: 51.725 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

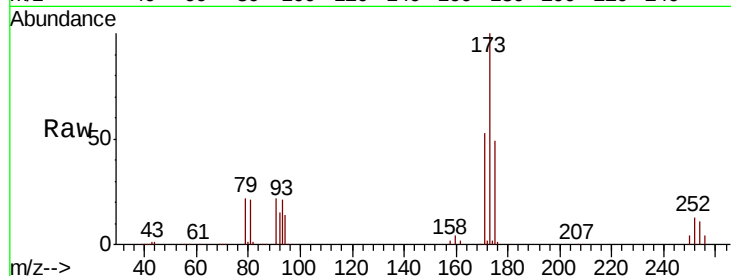
Tot Ion:173 Resp: 62046

Ion Ratio Lower Upper

173 100

175 48.3 25.1 75.4

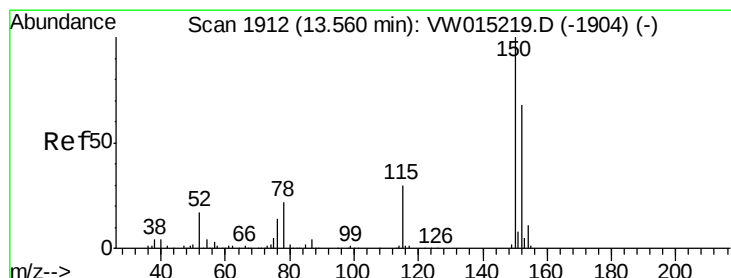
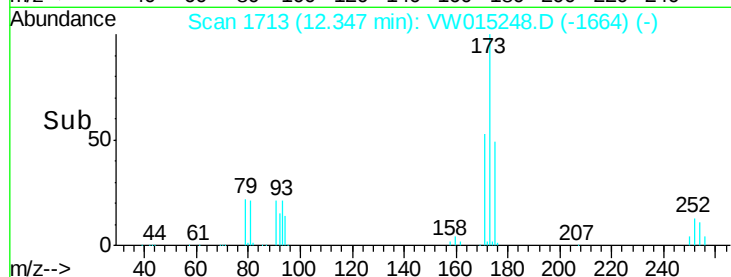
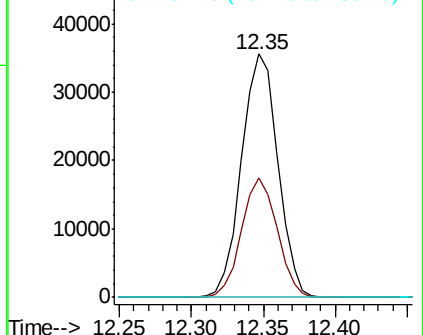
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

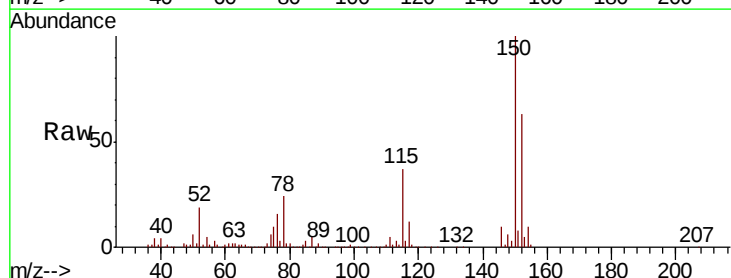
Tgt Ion:152 Resp: 172738

Ion Ratio Lower Upper

152 100

115 57.1 31.3 93.9

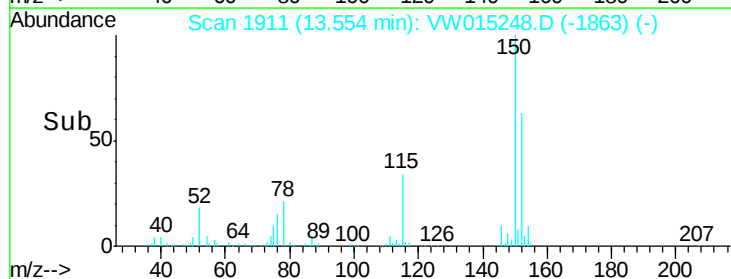
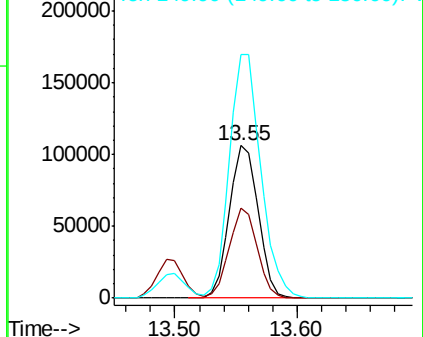
150 174.3 0.0 343.4

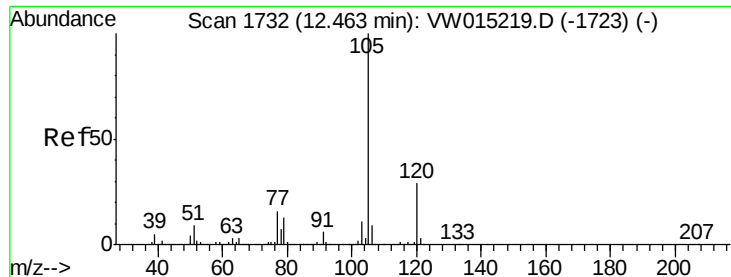


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.595 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

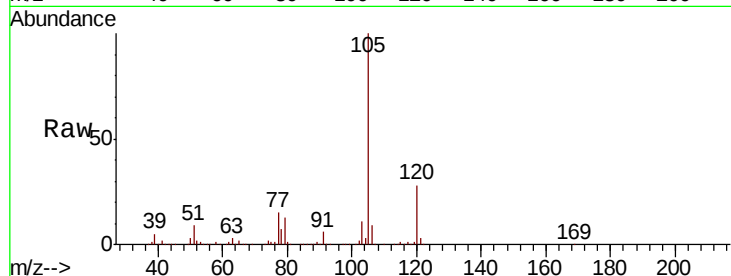
VSTDCCC050EC

Tot Ion:105 Resp: 558049

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

100000

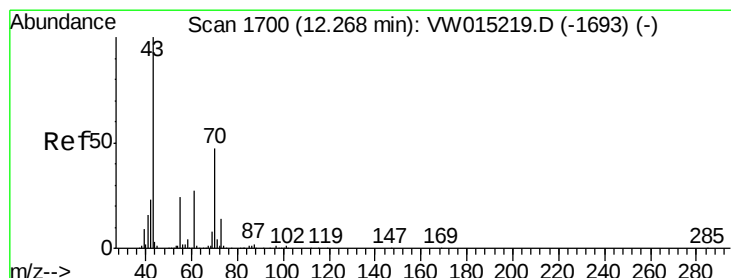
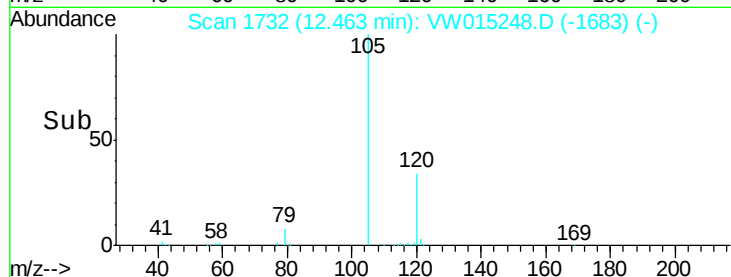
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 49.659 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Tgt Ion: 43 Resp: 103471

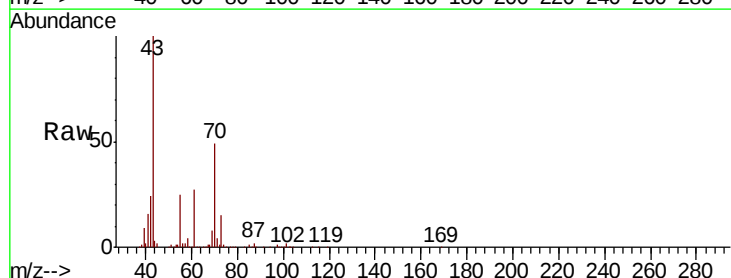
Ion Ratio Lower Upper

43 100

70 48.6 35.4 53.2

55 25.0 18.5 27.7

61 26.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

100000

80000

60000

40000

20000

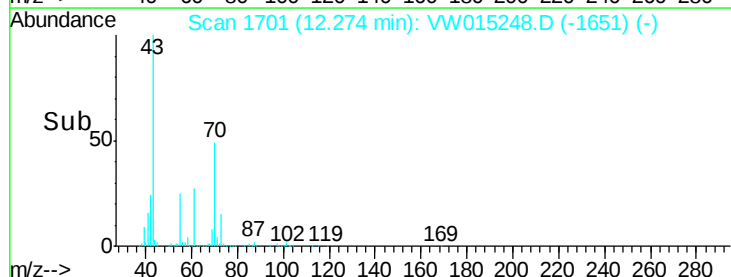
0

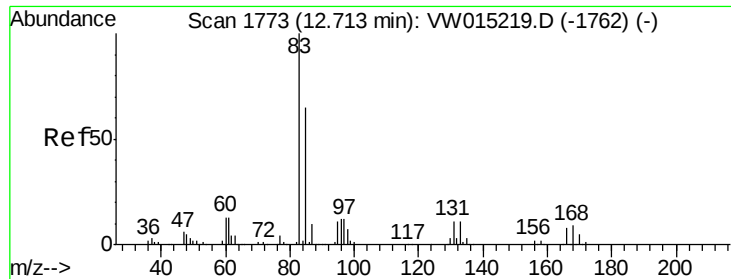
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.915 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

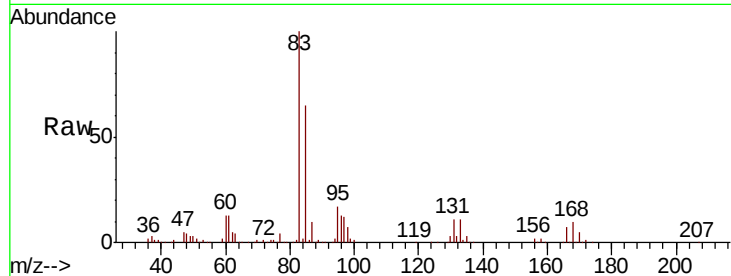
Tot Ion: 83 Resp: 81478

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.2

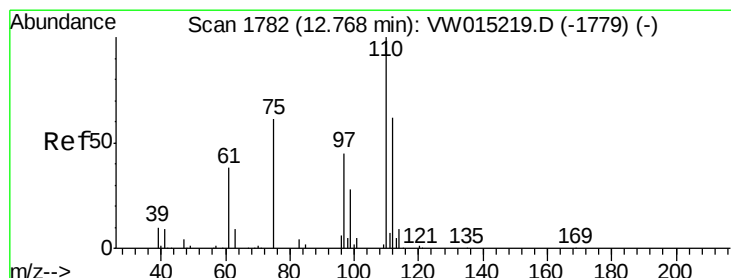
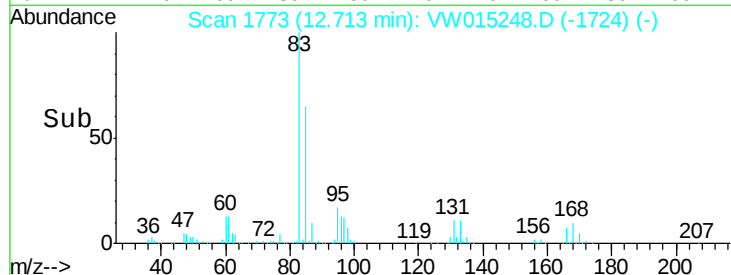
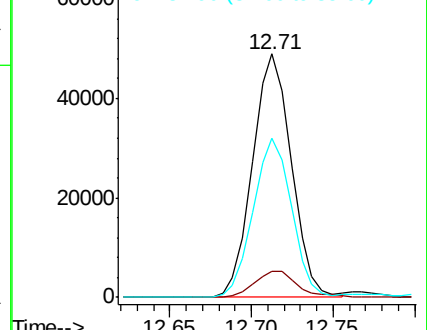
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 82.638 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015248.D

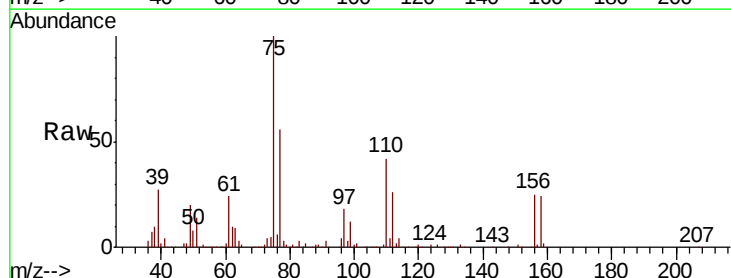
Acq: 21 Apr 2020 01:59

Tgt Ion: 75 Resp: 110431

Ion Ratio Lower Upper

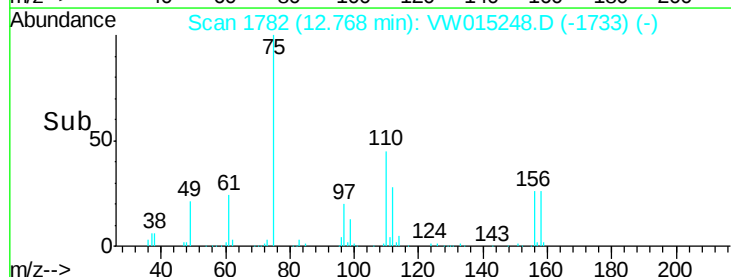
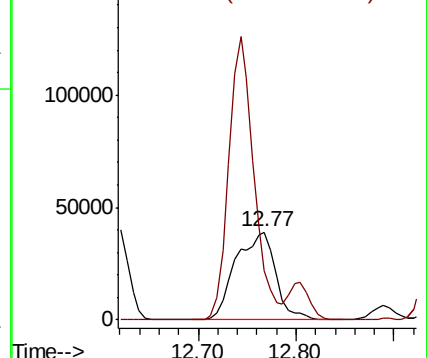
75 100

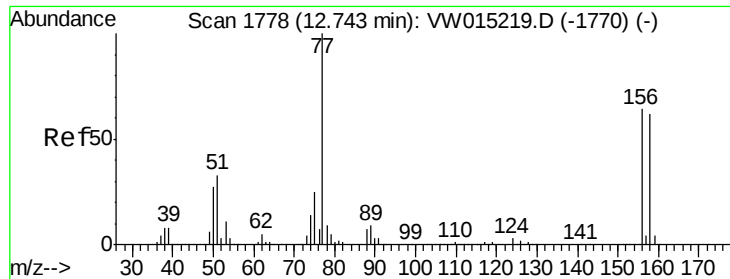
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.749 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

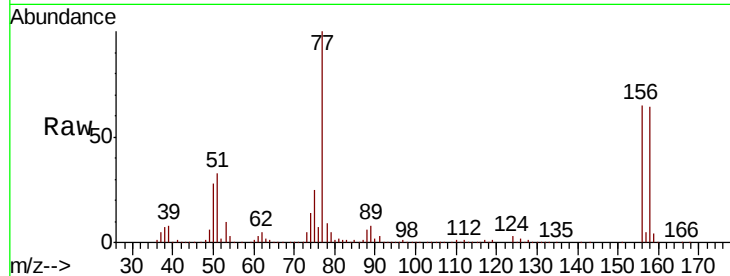
Tot Ion:156 Resp: 136892

Ion Ratio Lower Upper

156 100

77 165.0 100.5 301.5

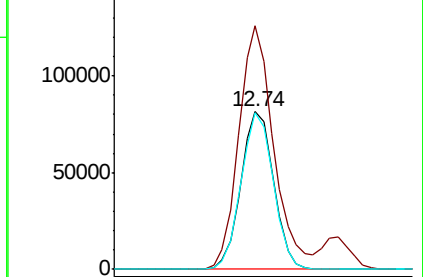
158 98.0 47.9 143.8



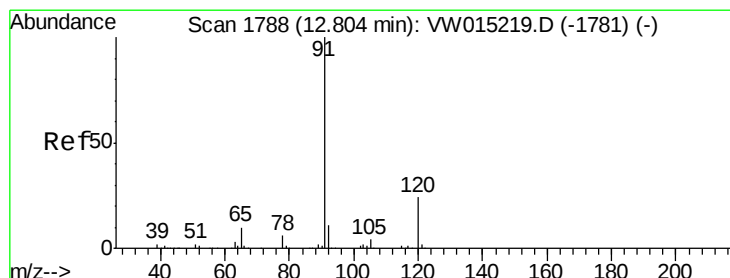
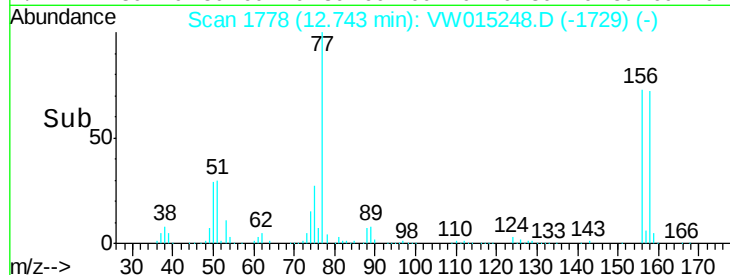
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 47.166 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015248.D

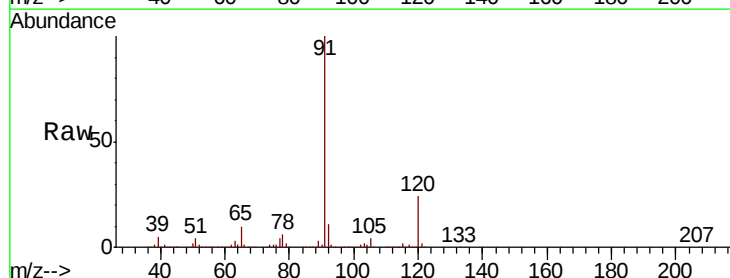
Acq: 21 Apr 2020 01:59

Tgt Ion: 91 Resp: 657714

Ion Ratio Lower Upper

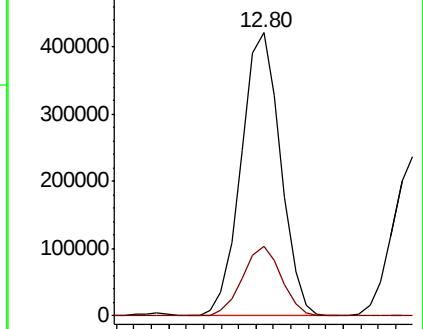
91 100

120 24.2 11.4 34.1

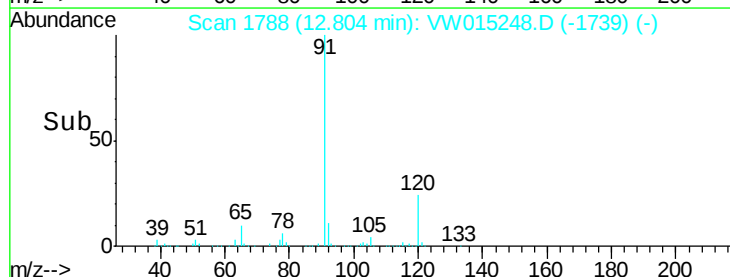


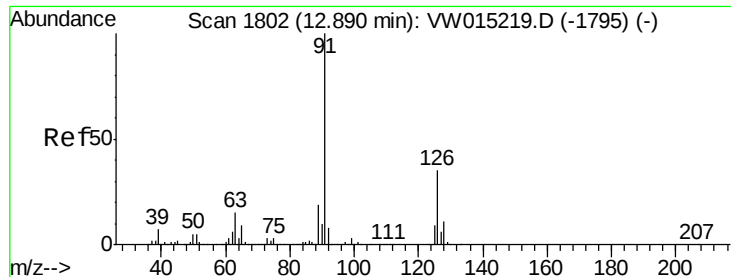
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 49.017 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

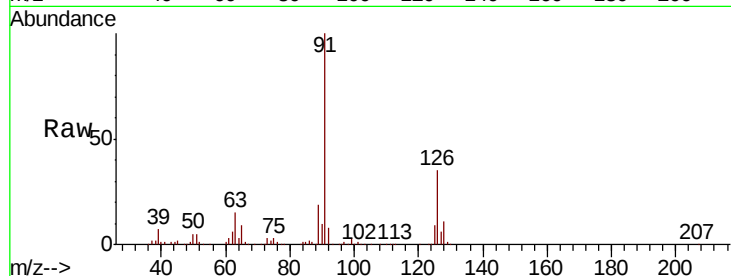
VSTDCCC050EC

Tot Ion: 91 Resp: 385209

Ion Ratio Lower Upper

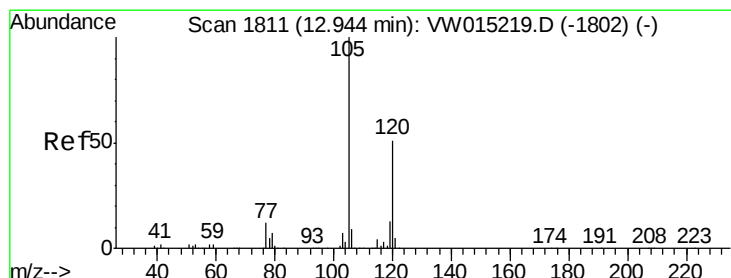
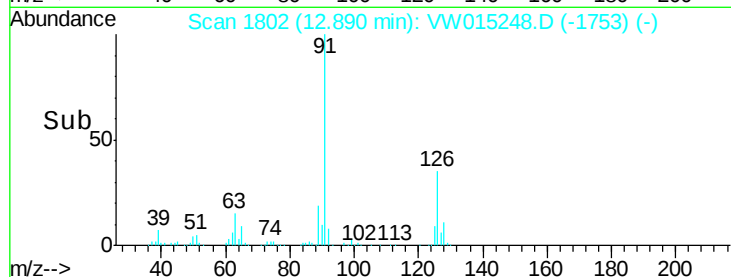
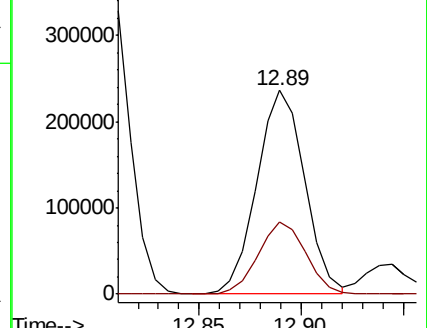
91 100

126 35.1 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.440 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015248.D

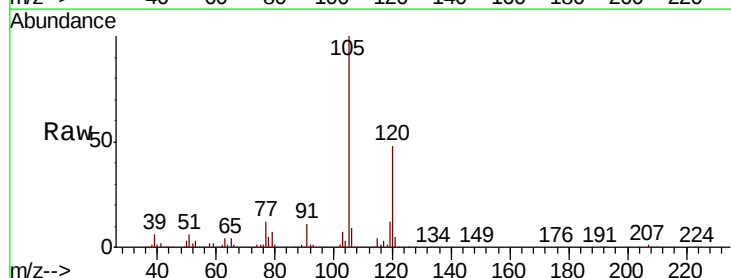
Acq: 21 Apr 2020 01:59

Tgt Ion: 105 Resp: 499749

Ion Ratio Lower Upper

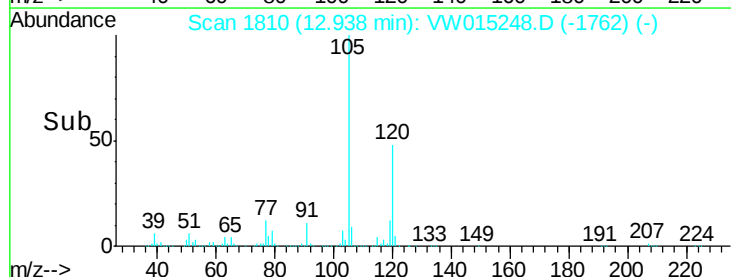
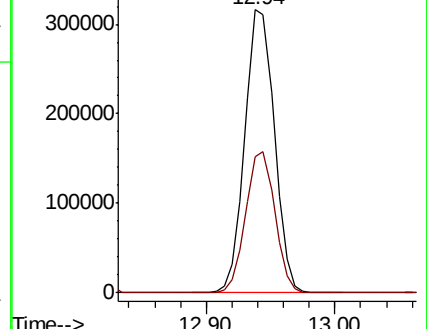
105 100

120 49.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.713 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

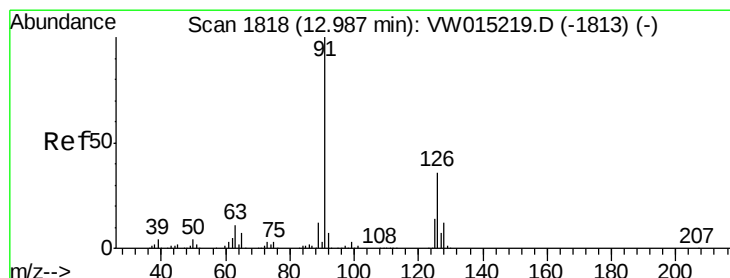
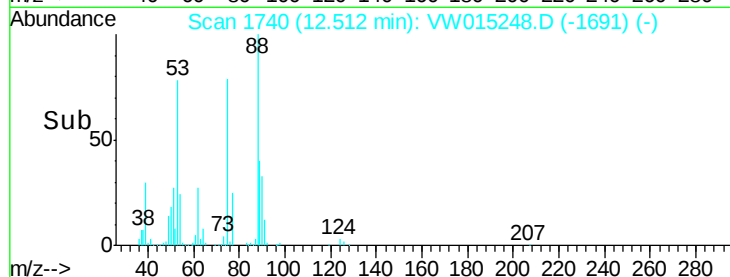
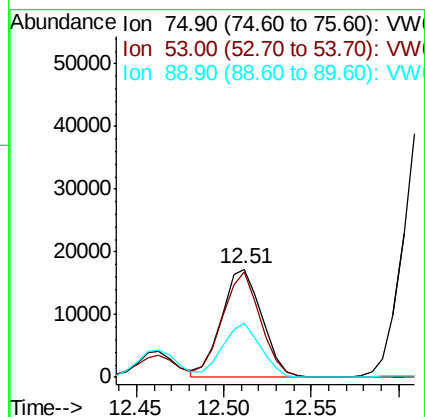
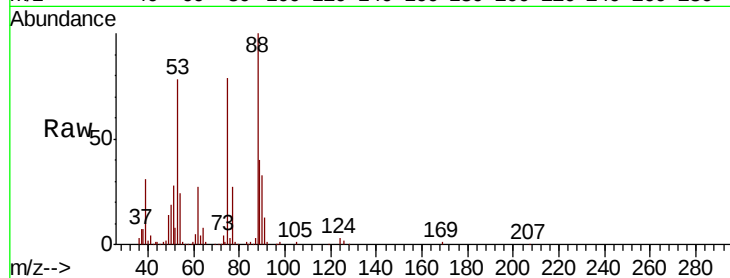
Tot Ion: 75 Resp: 27333

Ion Ratio Lower Upper

75 100

53 94.6 69.4 104.2

89 47.8 34.8 52.2



#82

4-Chlorotoluene

Concen: 48.408 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW015248.D

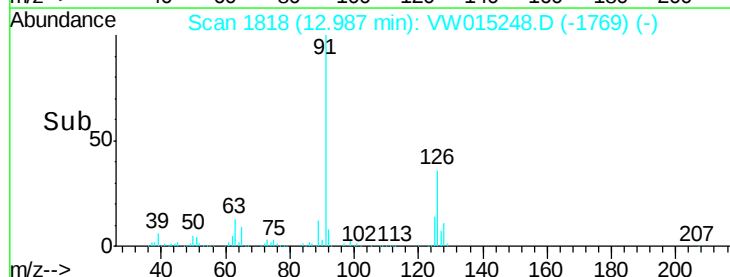
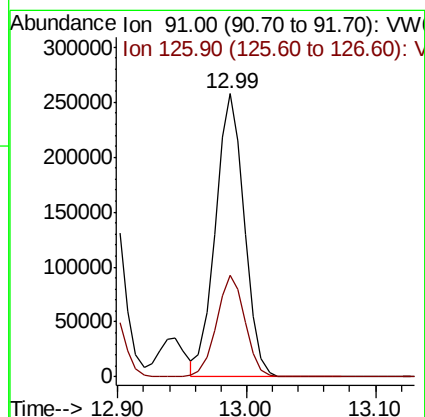
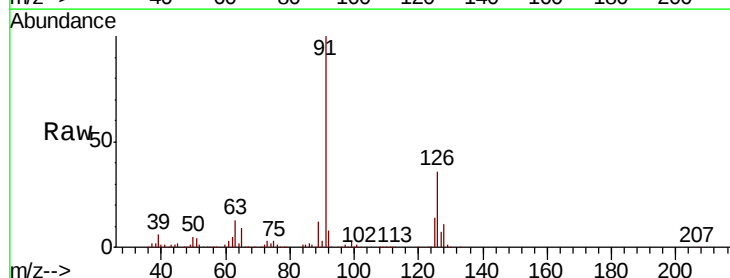
Acq: 21 Apr 2020 01:59

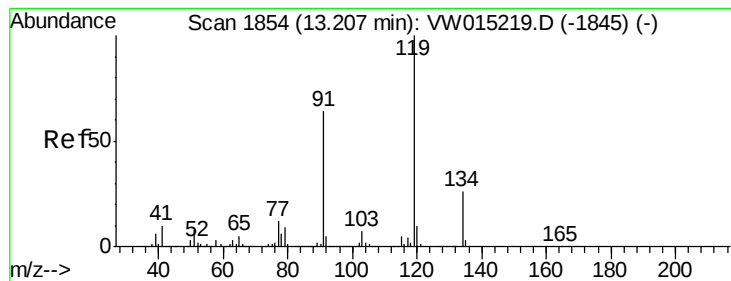
Tgt Ion: 91 Resp: 403910

Ion Ratio Lower Upper

91 100

126 35.7 16.8 50.3





#83

tert-Butylbenzene

Concen: 48.077 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

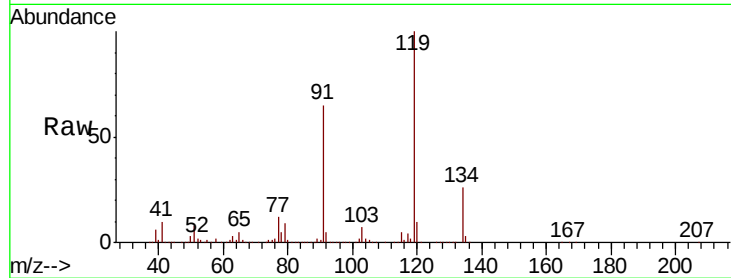
Tot Ion:119 Resp: 433517

Ion Ratio Lower Upper

119 100

91 64.7 32.8 98.3

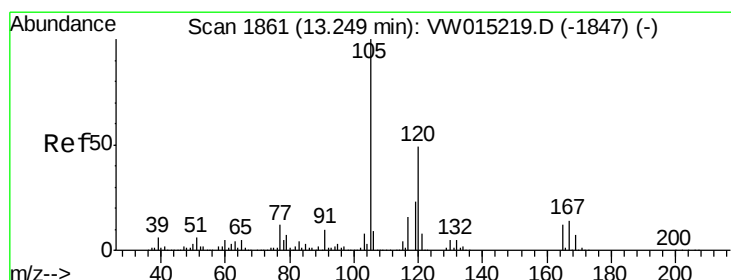
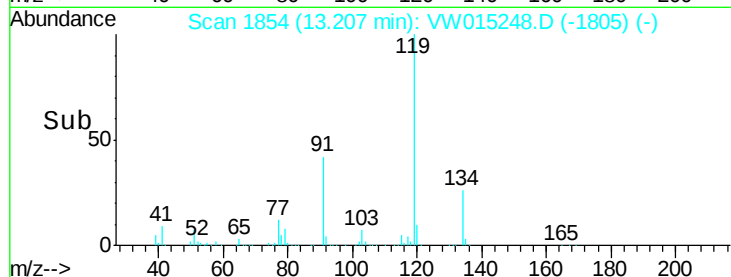
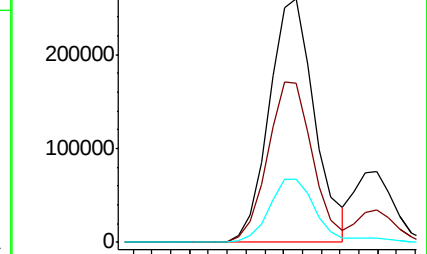
134 27.3 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.836 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW015248.D

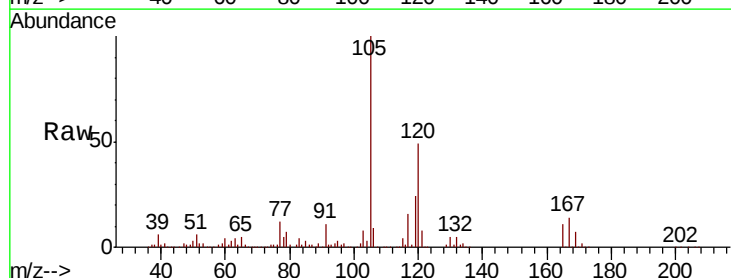
Acq: 21 Apr 2020 01:59

Tgt Ion:105 Resp: 496947

Ion Ratio Lower Upper

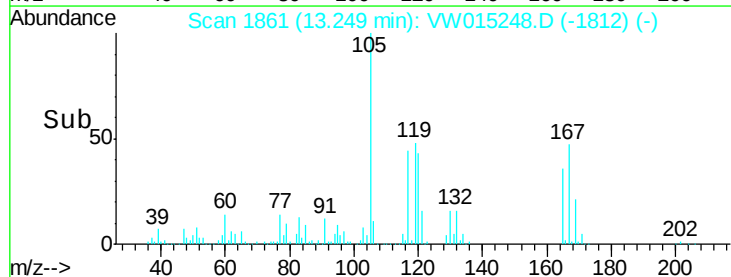
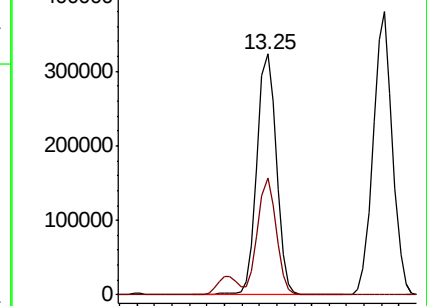
105 100

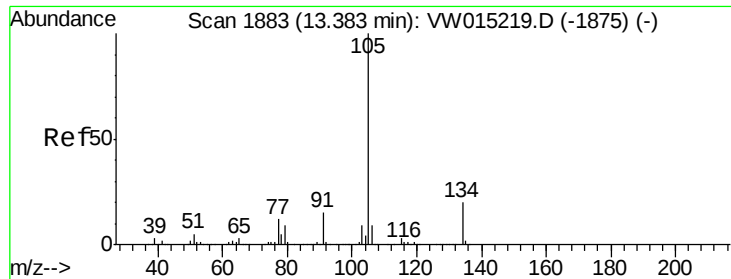
120 46.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.797 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

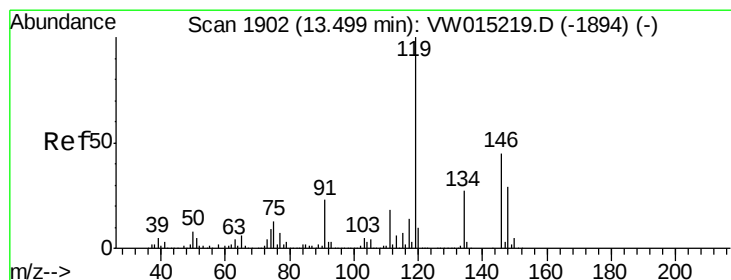
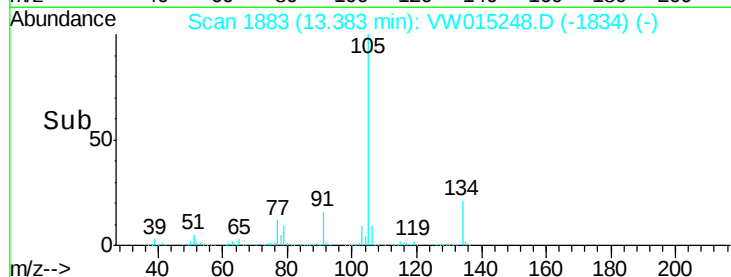
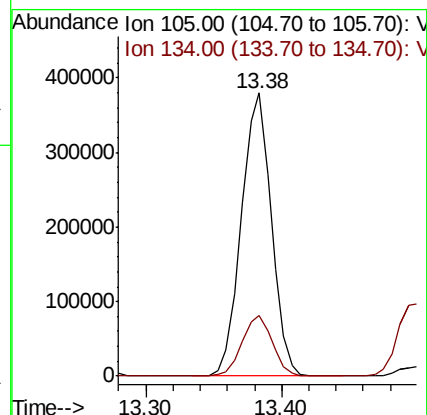
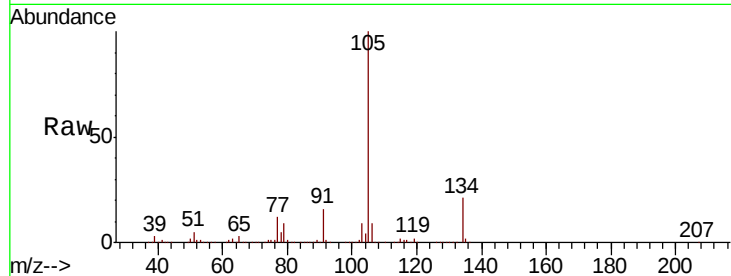
VSTDCCC050EC

Tot Ion:105 Resp: 582769

Ion Ratio Lower Upper

105 100

134 21.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 47.799 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

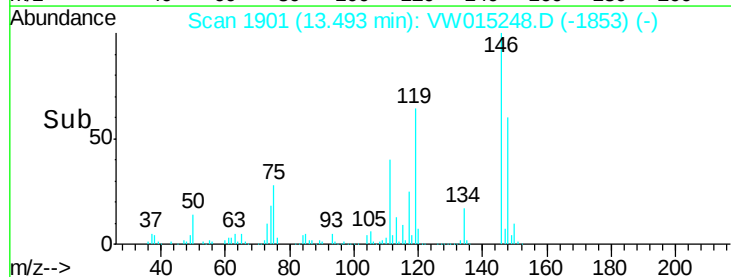
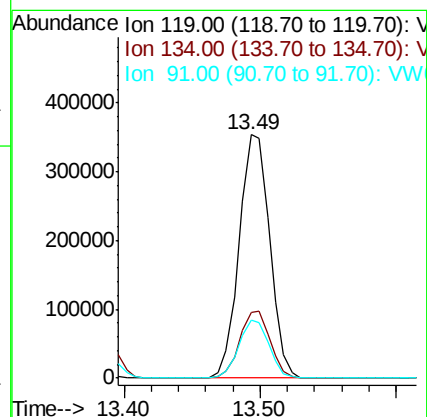
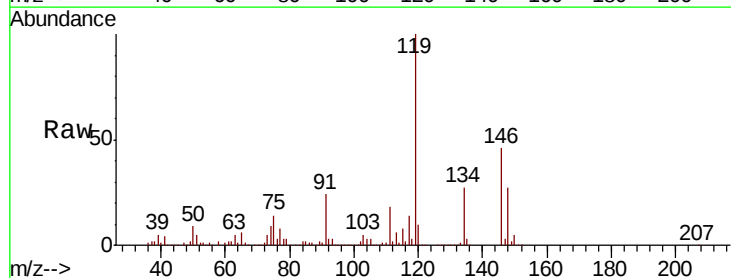
Tgt Ion:119 Resp: 553108

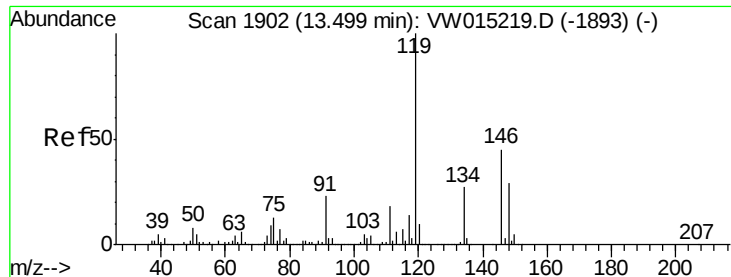
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.9

91 23.5 12.0 36.1

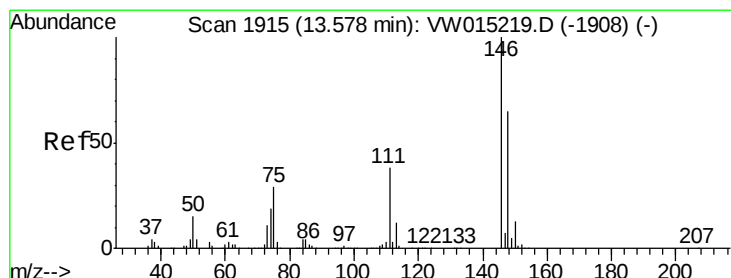
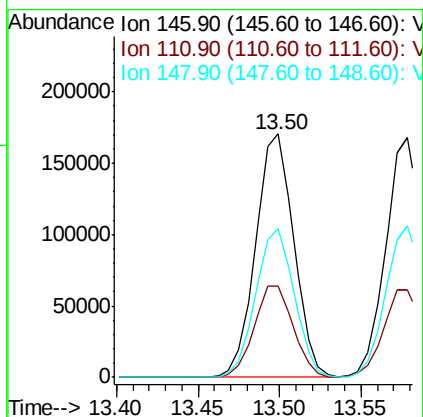
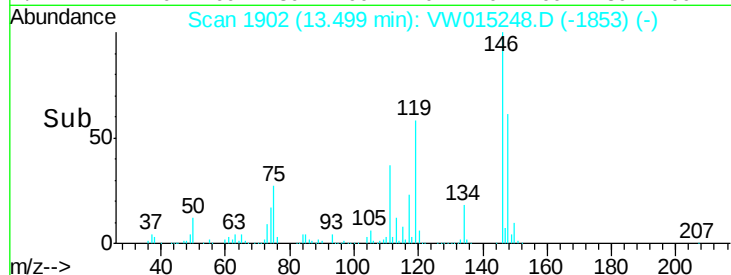
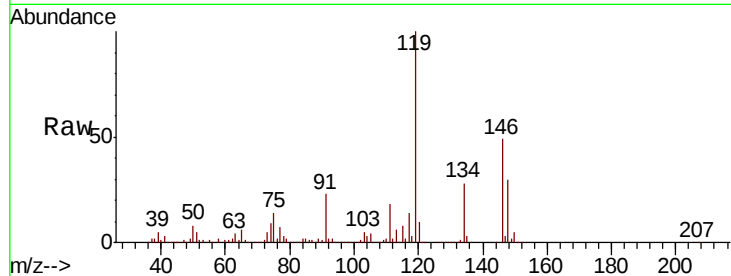




#87
 1,3-Dichlorobenzene
 Concen: 50.454 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

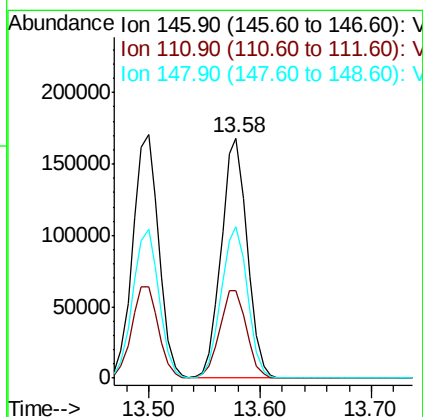
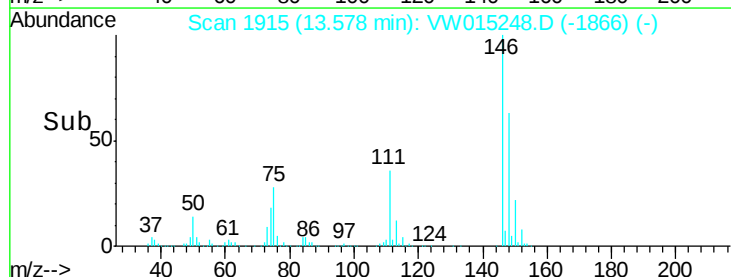
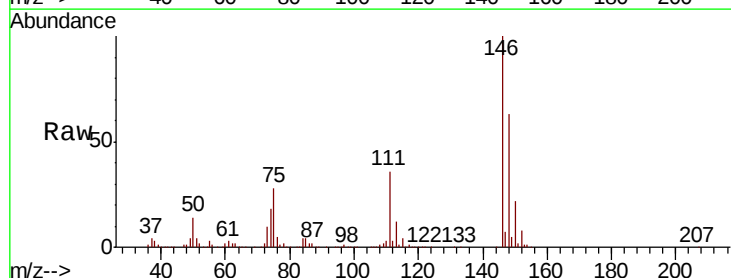
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

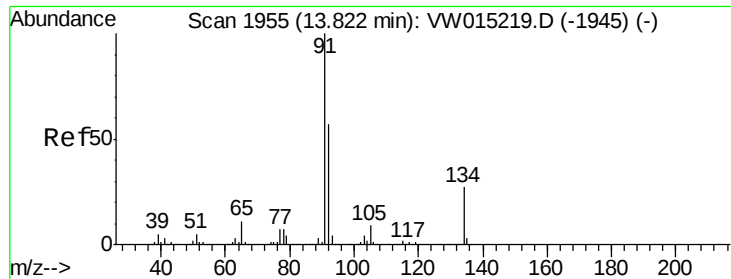
Tot Ion:146 Resp: 275844
 Ion Ratio Lower Upper
 146 100
 111 38.6 21.1 63.4
 148 61.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.457 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion:146 Resp: 270416
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.4 61.3
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 46.309 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

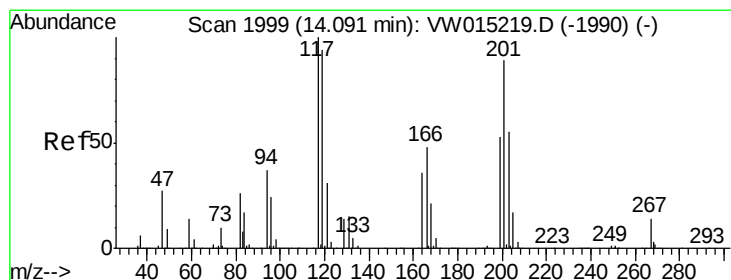
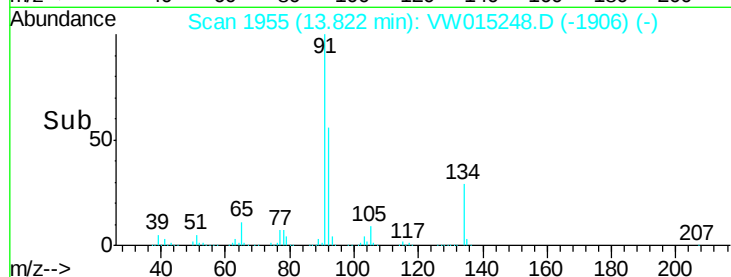
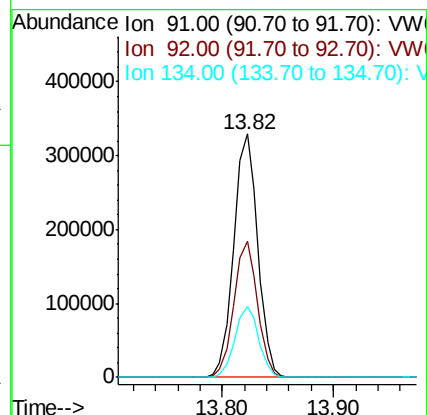
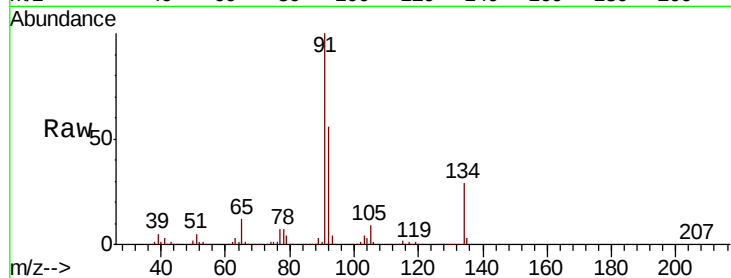
Tot Ion: 91 Resp: 489795

Ion Ratio Lower Upper

91 100

92 54.9 27.6 82.7

134 28.9 12.8 38.3



#90

Hexachloroethane

Concen: 48.101 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW015248.D

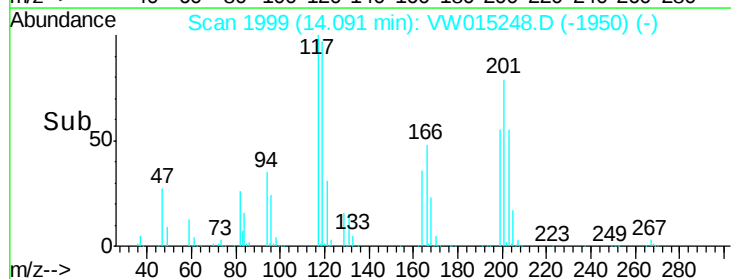
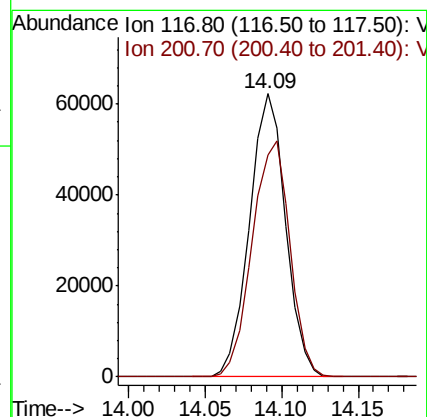
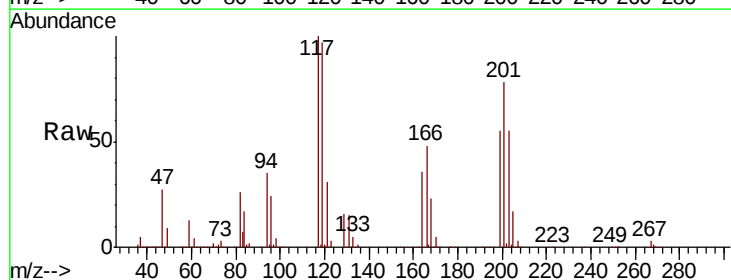
Acq: 21 Apr 2020 01:59

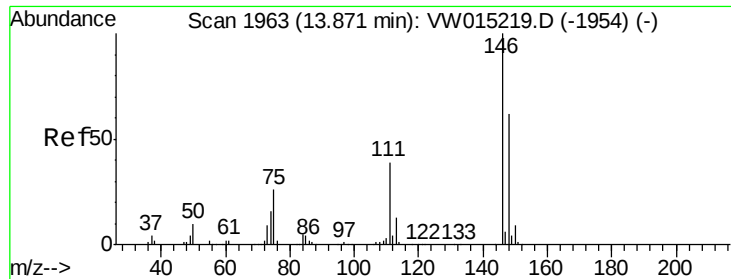
Tgt Ion: 117 Resp: 102076

Ion Ratio Lower Upper

117 100

201 87.5 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 51.852 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

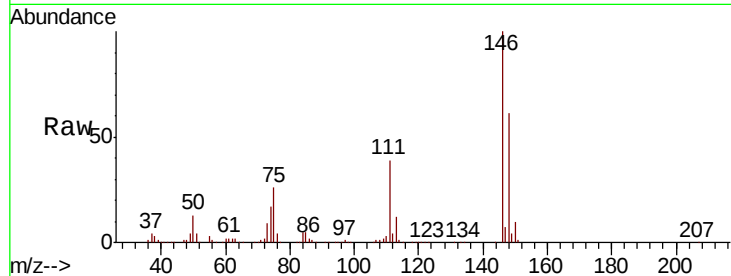
Tot Ion:146 Resp: 246344

Ion Ratio Lower Upper

146 100

111 40.4 21.6 65.0

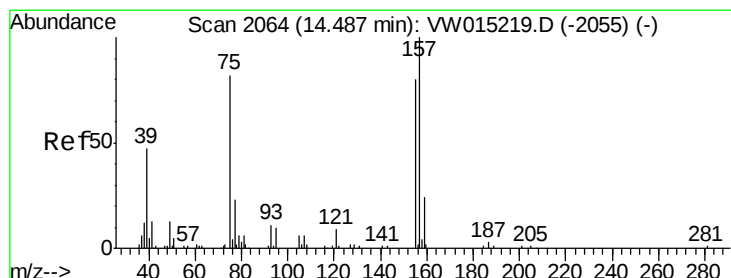
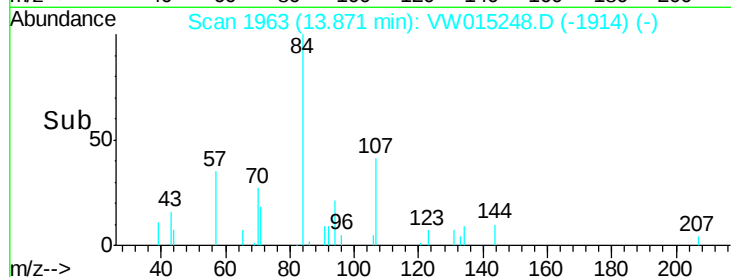
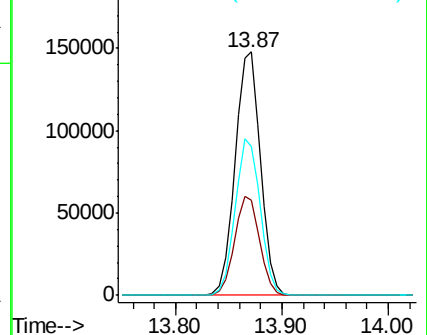
148 63.8 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.786 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

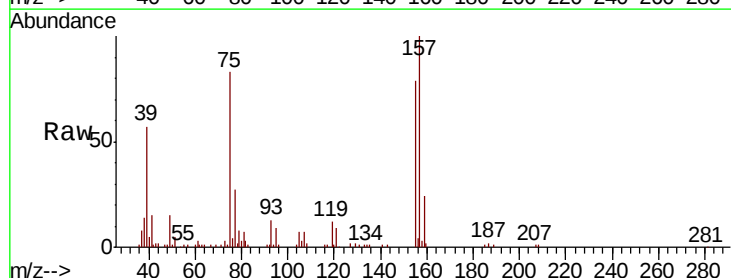
Tgt Ion: 75 Resp: 15936

Ion Ratio Lower Upper

75 100

155 94.8 41.6 124.9

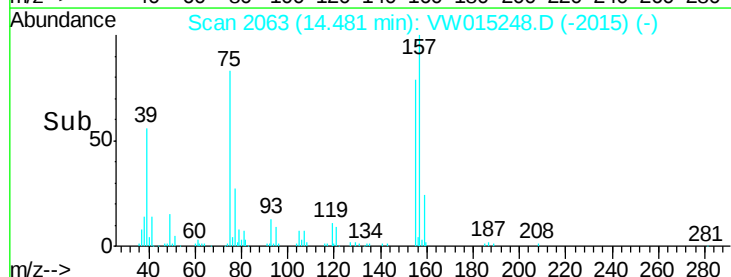
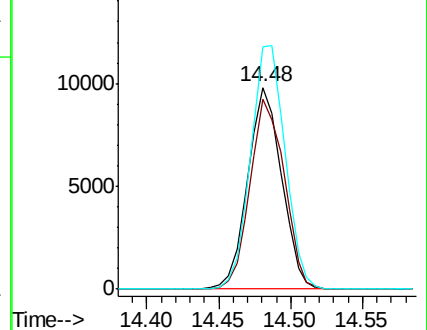
157 122.6 53.8 161.2

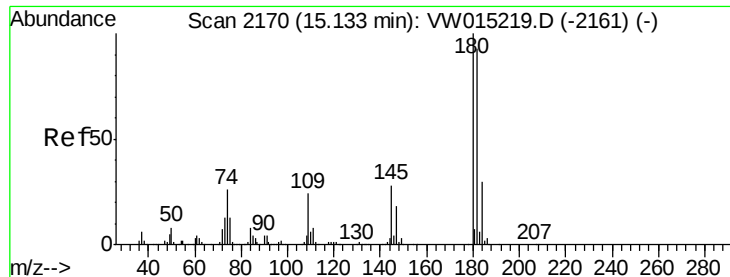


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

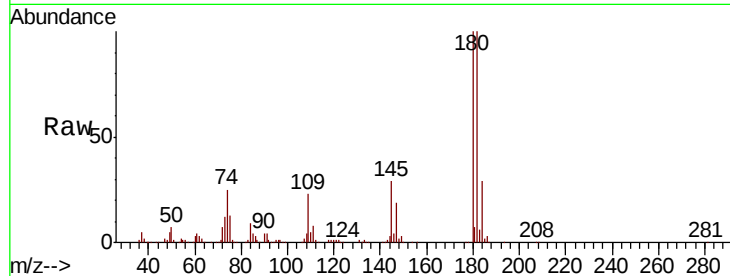




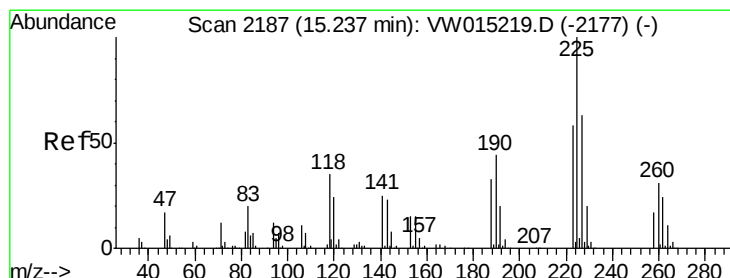
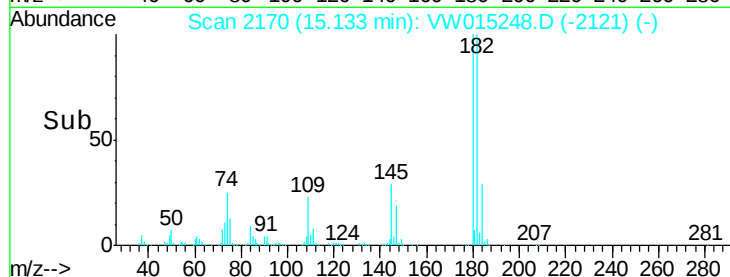
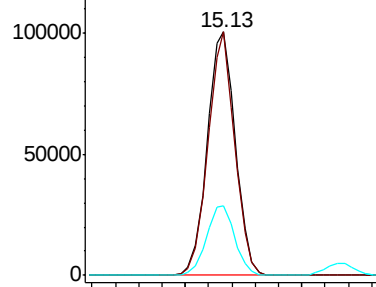
#93
 1,2,4-Trichlorobenzene
 Concen: 51.026 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 168501
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.1 141.4
 145 28.6 16.2 48.6

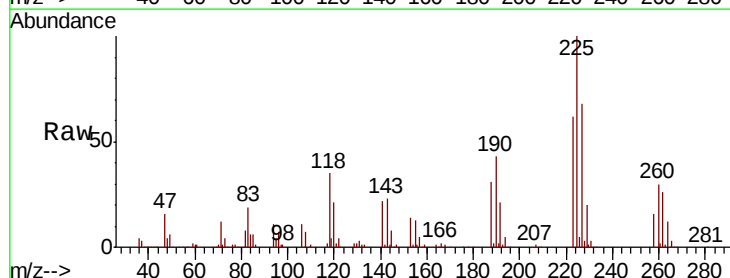


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

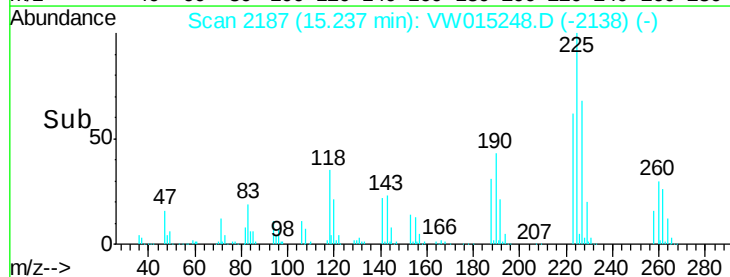
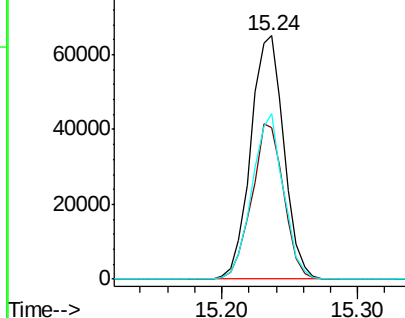


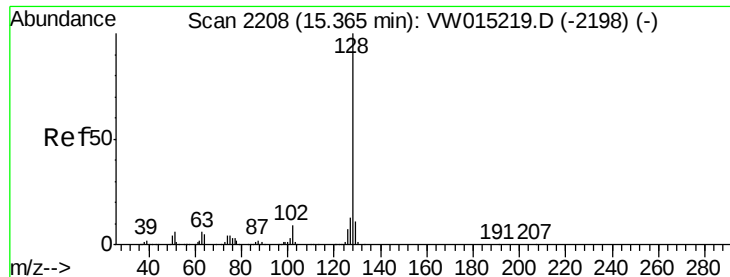
#94
 Hexachlorobutadiene
 Concen: 50.442 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion:225 Resp: 111055
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.0 93.0
 227 64.3 30.8 92.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

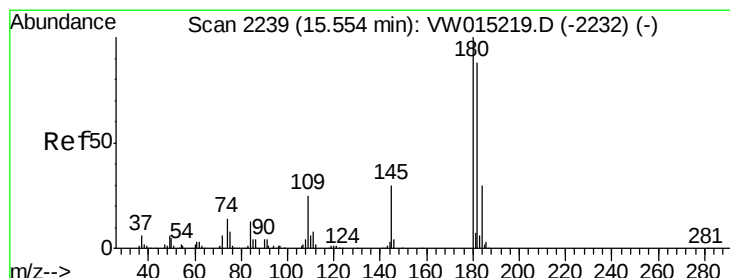
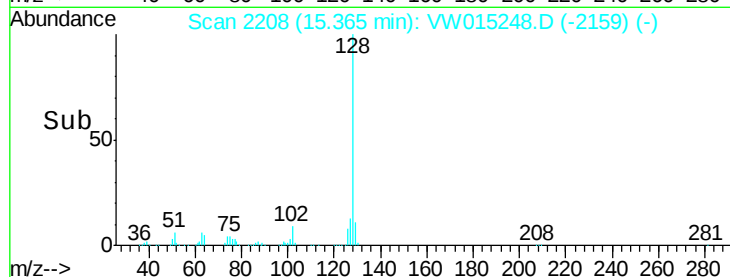
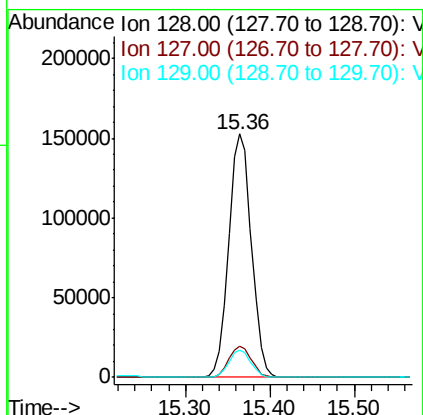
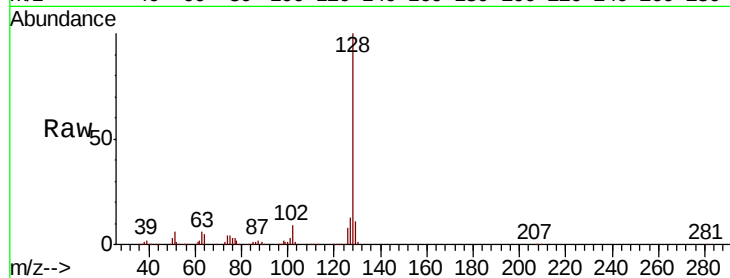




#95
Naphthalene
Concen: 52.463 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 278689
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.806 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion:180 Resp: 141879
Ion Ratio Lower Upper
180 100
182 95.9 48.8 146.3
145 30.8 17.2 51.6

