

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016297.D
 Acq On : 21 Aug 2020 11:14
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 22 05:59:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110595	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.88	113	115984	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.32	98	443959	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.62	95	161554	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	81252	53.549	ug/l 97
3) Chloromethane	2.21	50	79292	49.082	ug/l 96
4) Vinyl Chloride	2.37	62	113419	50.159	ug/l 99
5) Bromomethane	2.78	94	76639	54.511	ug/l 99
6) Chloroethane	2.93	64	67072	52.524	ug/l 98
7) Trichlorofluoromethane	3.26	101	107164	58.541	ug/l 98
8) Diethyl Ether	3.68	74	63833	55.568	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	124368	51.811	ug/l 100
10) Methyl Iodide	4.27	142	193827	55.884	ug/l 98
11) Tert butyl alcohol	5.17	59	33834	292.168	ug/l 98
12) 1,1-Dichloroethene	4.04	96	127948	52.378	ug/l 98
13) Acrolein	3.89	56	46028	275.155	ug/l 100
14) Allyl chloride	4.67	41	170541	52.106	ug/l 96
15) Acrylonitrile	5.37	53	119414	275.879	ug/l 100
16) Acetone	4.12	43	117890	282.823	ug/l 98
17) Carbon Disulfide	4.38	76	368700	51.404	ug/l 99
18) Methyl Acetate	4.67	43	50169	51.685	ug/l 98
19) Methyl tert-butyl Ether	5.43	73	181986	60.503	ug/l 95
20) Methylene Chloride	4.92	84	142041	55.390	ug/l 93
21) trans-1,2-Dichloroethene	5.43	96	138756	52.162	ug/l 99
22) Diisopropyl ether	6.31	45	329945	53.474	ug/l 98
23) Vinyl Acetate	6.25	43	982830	278.181	ug/l 99
24) 1,1-Dichloroethane	6.21	63	221799	51.504	ug/l 98
25) 2-Butanone	7.17	43	153020	273.920	ug/l 99
26) 2,2-Dichloropropane	7.17	77	150232	54.005	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	148941	54.244	ug/l 99
28) Bromochloromethane	7.51	49	81493	49.878	ug/l 93
29) Tetrahydrofuran	7.53	42	92070	275.717	ug/l 96
30) Chloroform	7.67	83	231414	51.719	ug/l 97
31) Cyclohexane	7.96	56	196245	49.421	ug/l 94
32) 1,1,1-Trichloroethane	7.87	97	202990	53.997	ug/l 99
36) 1,1-Dichloropropene	8.09	75	190205	51.927	ug/l 99
37) Ethyl Acetate	7.25	43	65920	52.489	ug/l 98
38) Carbon Tetrachloride	8.07	117	190951	52.238	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
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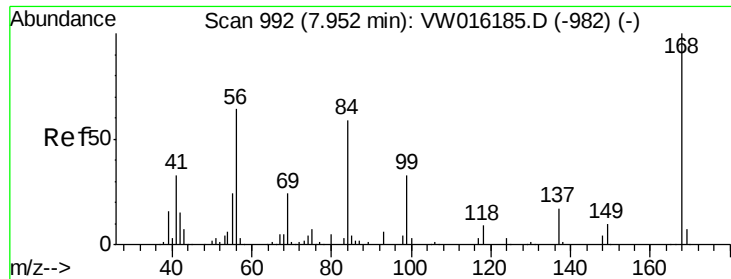
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	237908	53.921	ug/l	95
40) Benzene	8.32	78	523385	50.791	ug/l	99
41) Methacrylonitrile	7.48	41	41844	58.380	ug/l	97
42) 1,2-Dichloroethane	8.40	62	142432	52.335	ug/l	99
43) Isopropyl Acetate	8.43	43	128475	54.376	ug/l	98
44) Trichloroethene	9.09	130	150060	51.417	ug/l	98
45) 1,2-Dichloropropane	9.37	63	122665	50.499	ug/l	98
46) Dibromomethane	9.46	93	66984	52.525	ug/l	97
47) Bromodichloromethane	9.65	83	175367	53.225	ug/l	96
48) Methyl methacrylate	9.44	41	60222	54.828	ug/l	95
49) 1,4-Dioxane	9.45	88	17386	1082.684	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	319205	267.117	ug/l	98
52) Toluene	10.39	92	340407	51.588	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	171931	56.357	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	207025	54.601	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	96231	52.590	ug/l	98
56) Ethyl methacrylate	10.65	69	122171	58.547	ug/l	98
57) 1,3-Dichloropropane	10.93	76	163799	52.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	236831	248.929	ug/l	98
59) 2-Hexanone	10.97	43	222040	271.606	ug/l	97
60) Dibromochloromethane	11.13	129	120087	55.167	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95624	54.286	ug/l	99
64) Tetrachloroethene	10.87	164	118580	54.515	ug/l	96
65) Chlorobenzene	11.66	112	365741	53.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135050	56.863	ug/l	97
67) Ethyl Benzene	11.73	91	667504	54.662	ug/l	99
68) m/p-Xylenes	11.84	106	505565	107.711	ug/l	98
69) o-Xylene	12.17	106	234177	56.001	ug/l	98
70) Styrene	12.18	104	408581	56.465	ug/l	99
71) Bromoform	12.35	173	63623	59.857	ug/l #	96
73) Isopropylbenzene	12.46	105	657745	56.026	ug/l	100
74) N-amyl acetate	12.27	43	117375	55.828	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105315	53.611	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	134441	94.887	ug/l	32
77) Bromobenzene	12.75	156	148336	57.125	ug/l	93
78) n-propylbenzene	12.80	91	769263	54.896	ug/l	99
79) 2-Chlorotoluene	12.89	91	439703	54.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	563188	55.884	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34202	57.901	ug/l	97
82) 4-Chlorotoluene	12.99	91	453861	53.857	ug/l	99
83) tert-Butylbenzene	13.21	119	478155	57.892	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	558342	55.988	ug/l	99
85) sec-Butylbenzene	13.38	105	667234	55.583	ug/l	98
86) p-Isopropyltoluene	13.50	119	611641	56.334	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	279192	53.687	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	277132	54.120	ug/l	98
89) n-Butylbenzene	13.82	91	563706	56.121	ug/l	100
90) Hexachloroethane	14.10	117	111397	54.977	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	243250	53.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17101	56.630	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	164133	60.708	ug/l	98
94) Hexachlorobutadiene	15.24	225	93617	58.241	ug/l	97
95) Naphthalene	15.37	128	310036	54.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	141826	61.083	ug/l	98

(#) = 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

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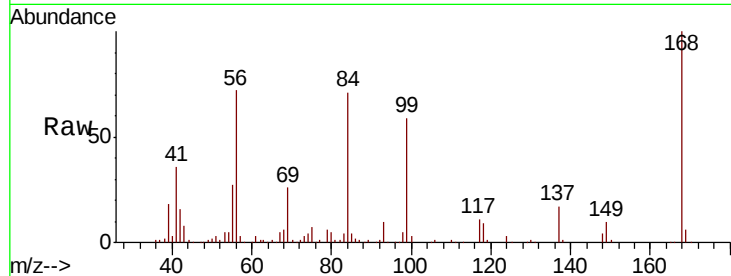
Acq: 21 Aug 2020 11:14

Tot Ion:168 Resp: 223123

Ion Ratio Lower Upper

168 100

99 58.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

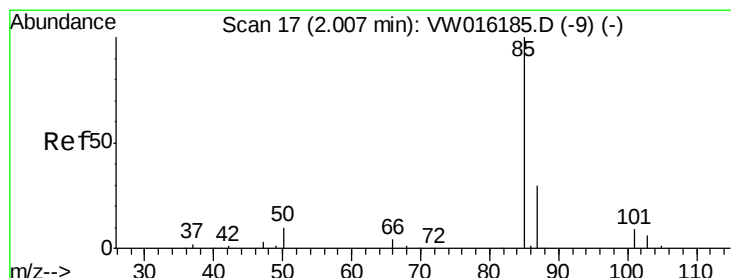
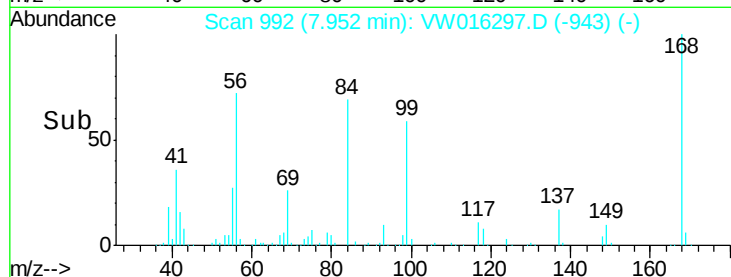
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.549 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016297.D

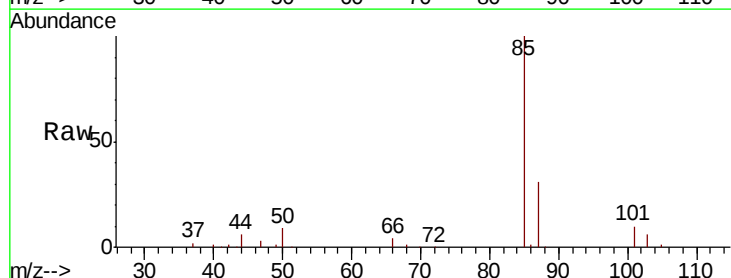
Acq: 21 Aug 2020 11:14

Tgt Ion: 85 Resp: 81252

Ion Ratio Lower Upper

85 100

87 31.2 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

25000

20000

15000

10000

5000

0

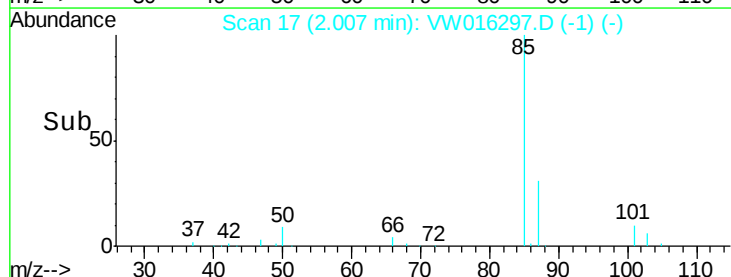
1.90

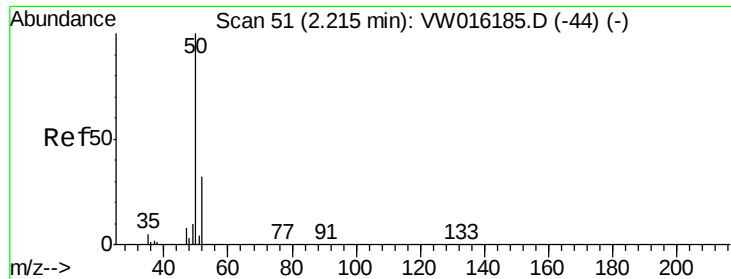
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 49.082 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016297.D

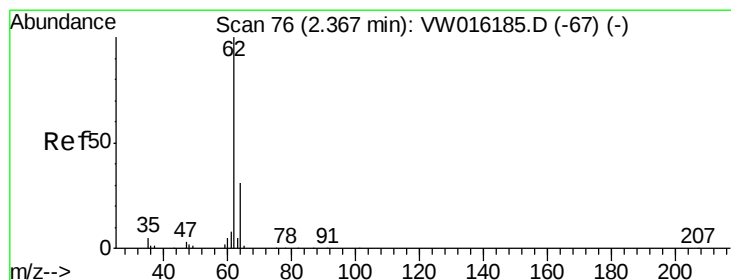
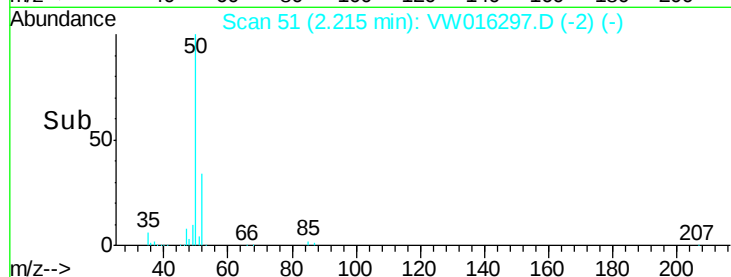
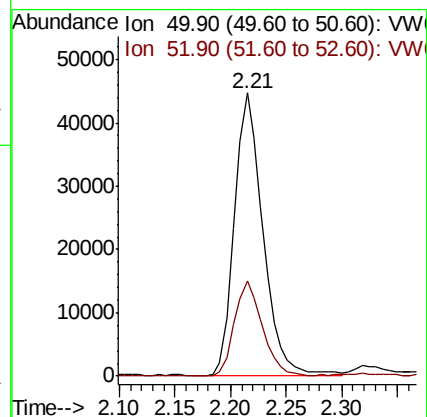
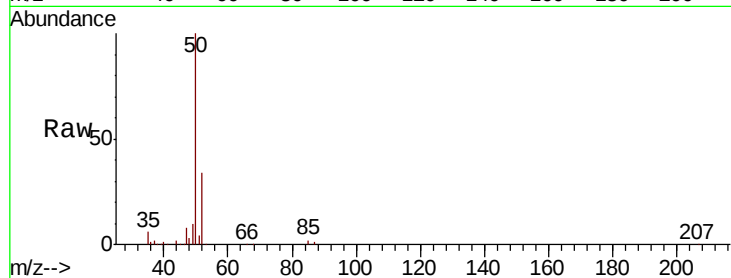
Acq: 21 Aug 2020 11:14

Tot Ion: 50 Resp: 79292

Ion Ratio Lower Upper

50 100

52 33.8 25.3 37.9



#4

Vinyl Chloride

Concen: 50.159 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016297.D

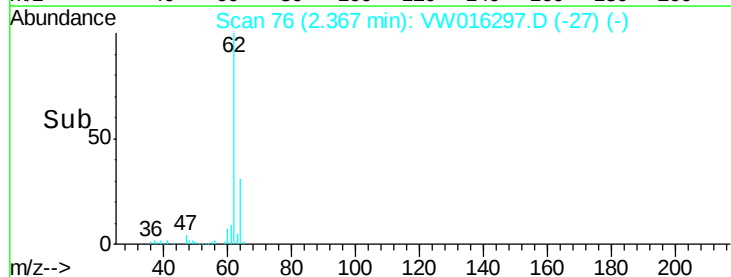
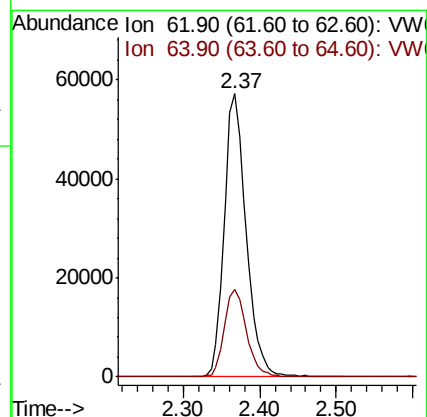
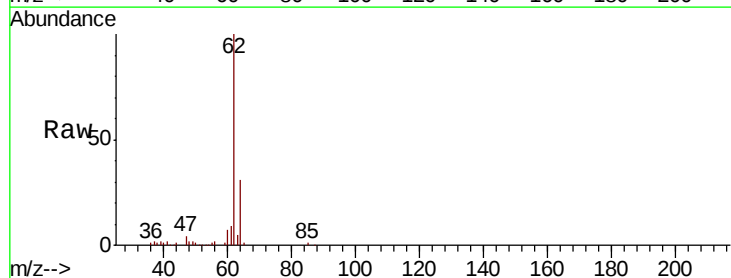
Acq: 21 Aug 2020 11:14

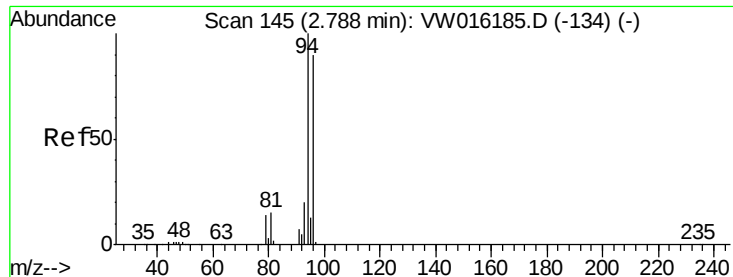
Tgt Ion: 62 Resp: 113419

Ion Ratio Lower Upper

62 100

64 31.2 24.5 36.7





#5

Bromomethane

Concen: 54.511 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016297.D

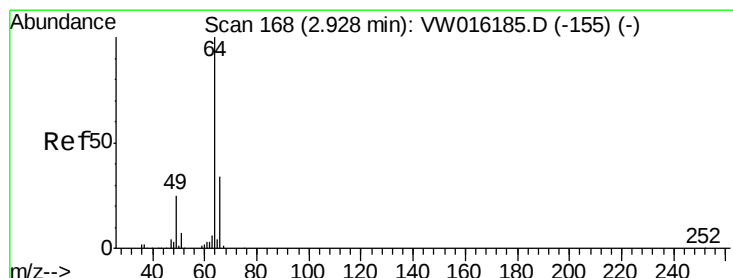
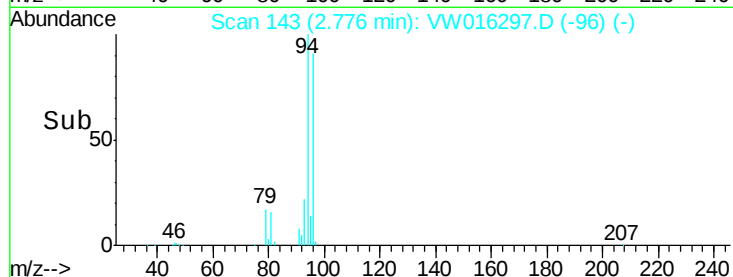
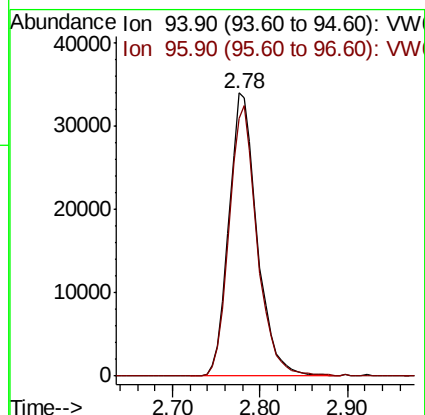
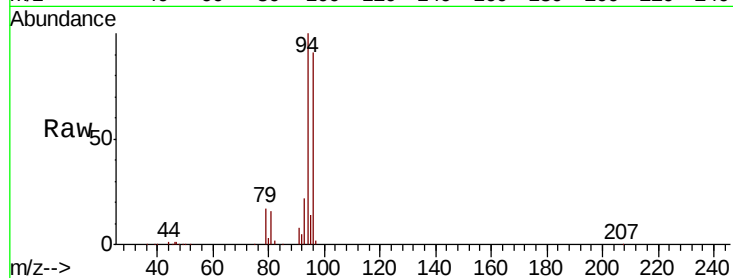
Acq: 21 Aug 2020 11:14

Tot Ion: 94 Resp: 76639

Ion Ratio Lower Upper

94 100

96 90.9 71.8 107.6



#6

Chloroethane

Concen: 52.524 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016297.D

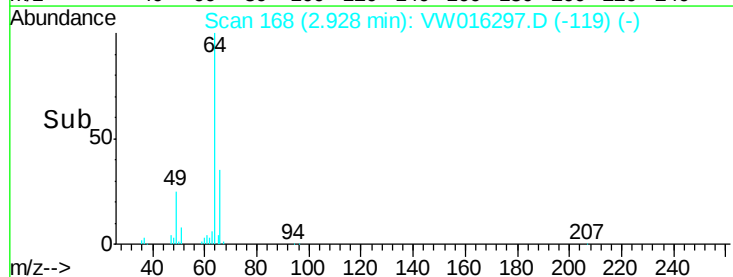
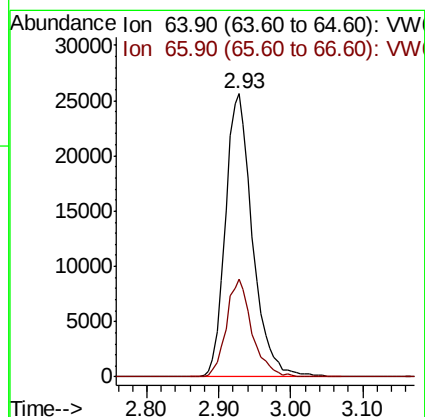
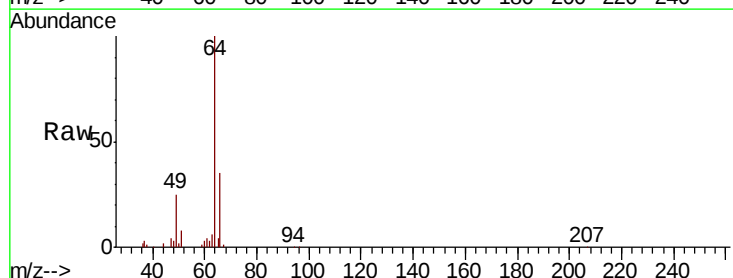
Acq: 21 Aug 2020 11:14

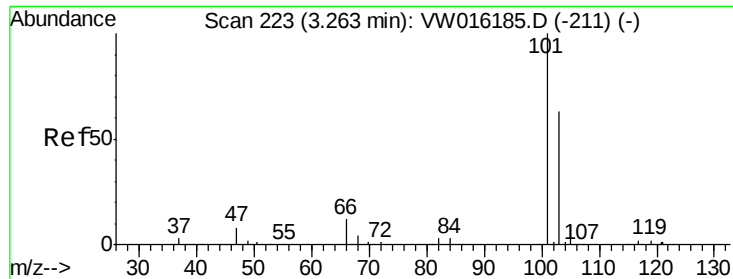
Tgt Ion: 64 Resp: 67072

Ion Ratio Lower Upper

64 100

66 34.6 26.9 40.3

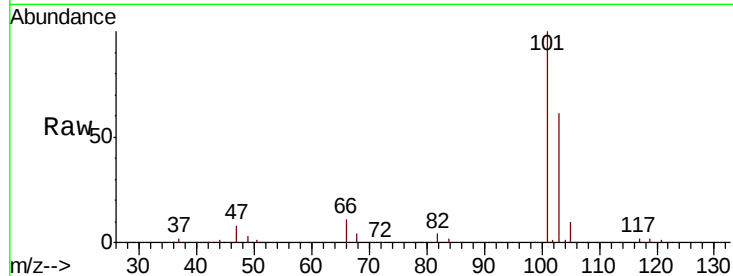




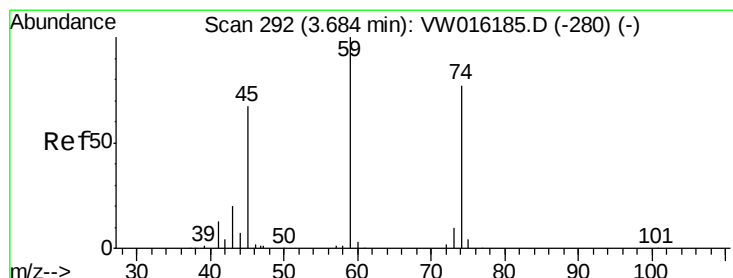
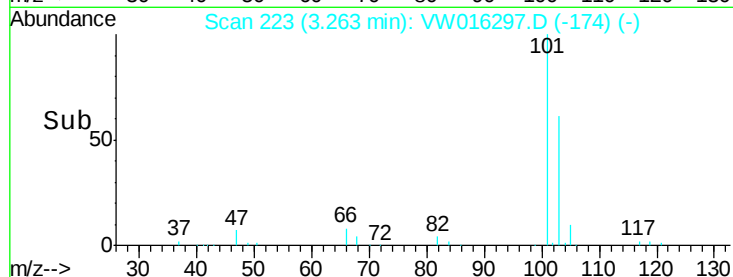
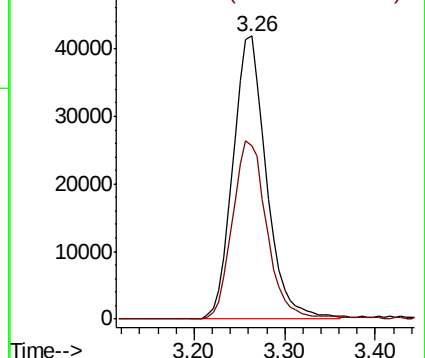
#7

Trichlorofluoromethane
Concen: 58.541 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tot Ion:101 Resp: 107164
Ion Ratio Lower Upper
101 100
103 61.3 50.4 75.6



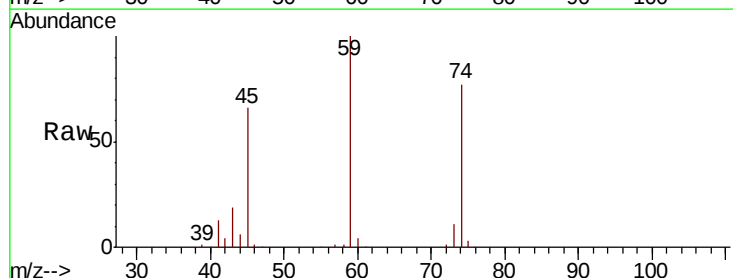
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



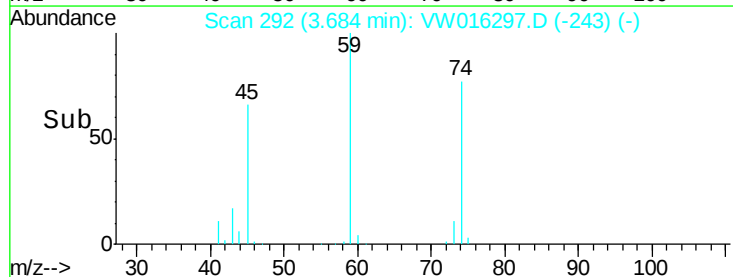
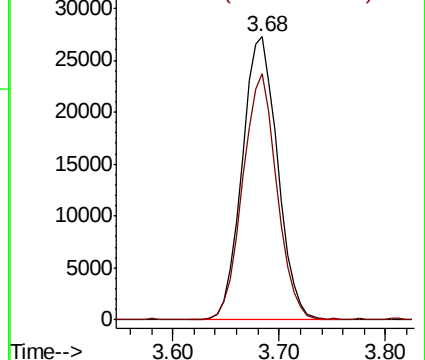
#8

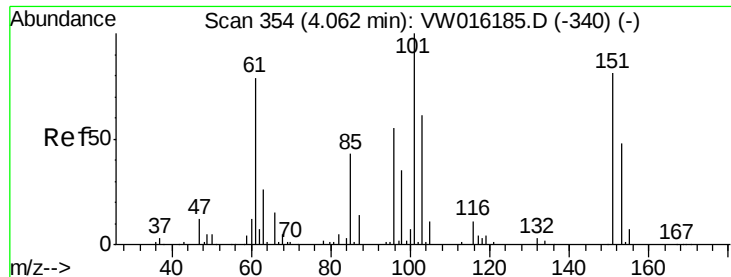
Diethyl Ether
Concen: 55.568 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion: 74 Resp: 63833
Ion Ratio Lower Upper
74 100
45 83.9 45.9 137.7



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: 51.811 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

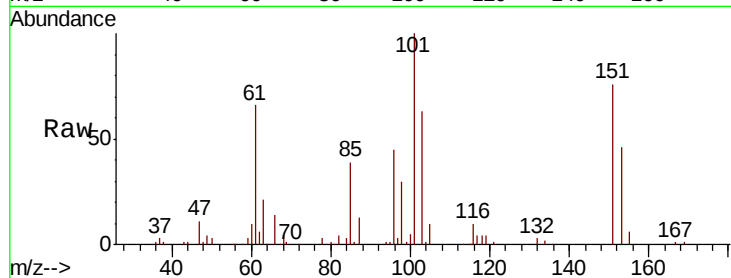
Tot Ion:101 Resp: 124368

Ion Ratio Lower Upper

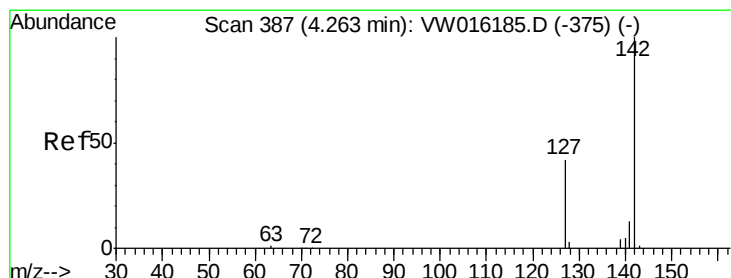
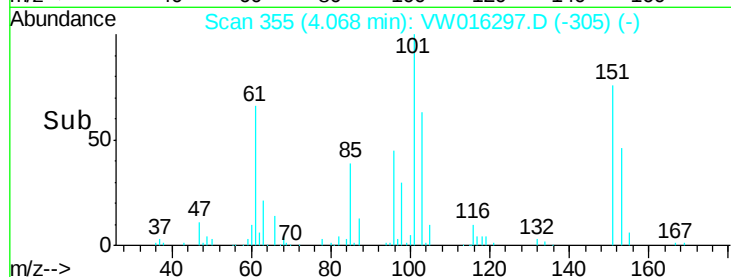
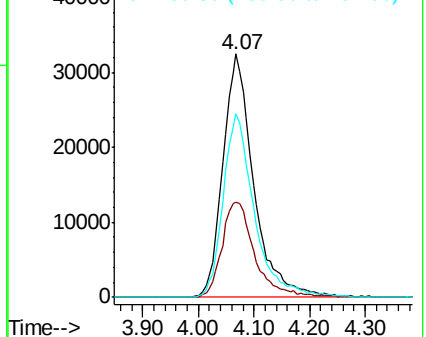
101 100

85 41.8 33.3 49.9

151 76.5 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VV
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.884 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

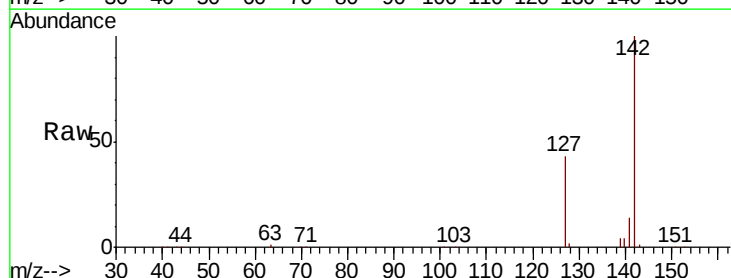
Tgt Ion:142 Resp: 193827

Ion Ratio Lower Upper

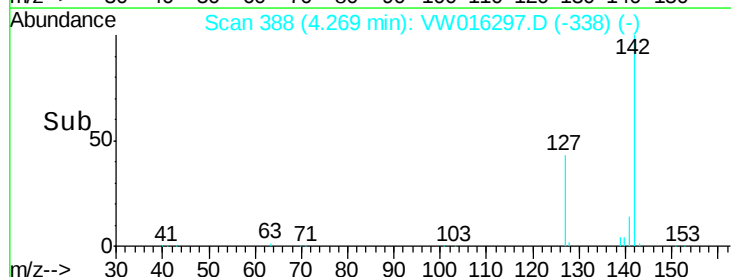
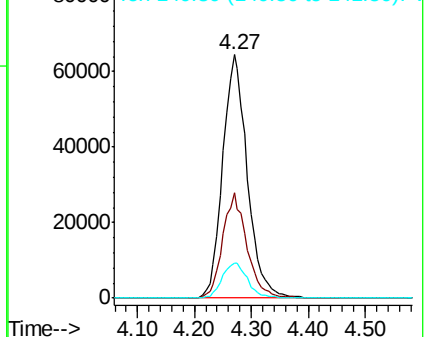
142 100

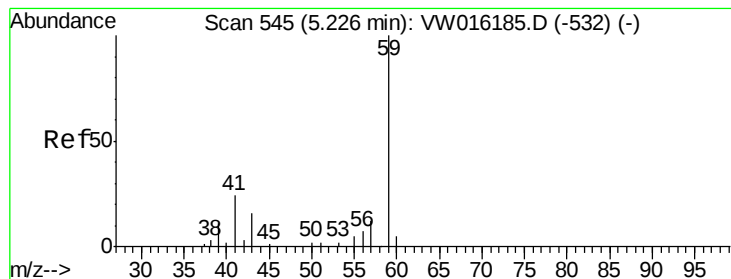
127 42.3 34.6 52.0

141 15.0 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

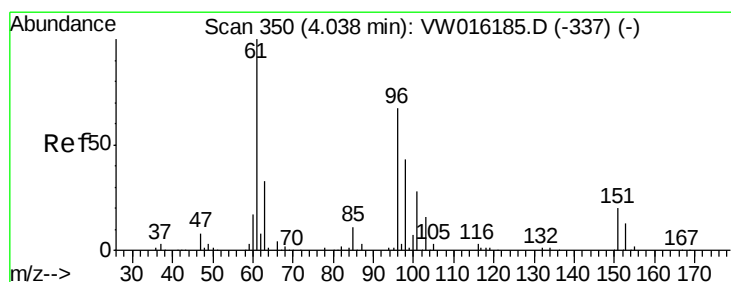
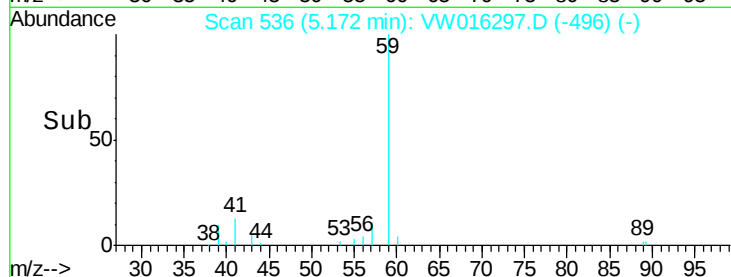
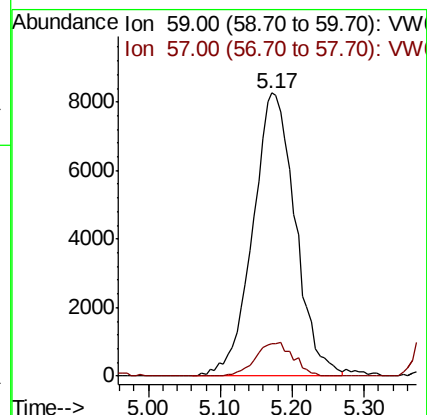
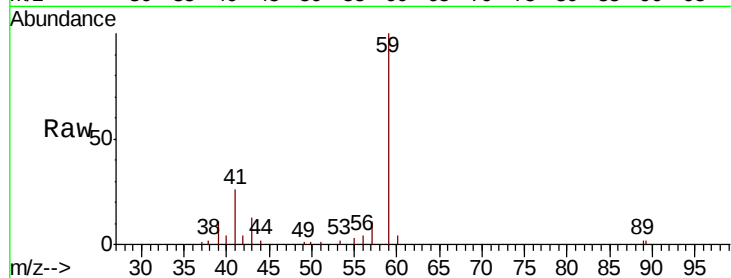




#11

Tert butyl alcohol
 Concen: 292.168 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.05 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

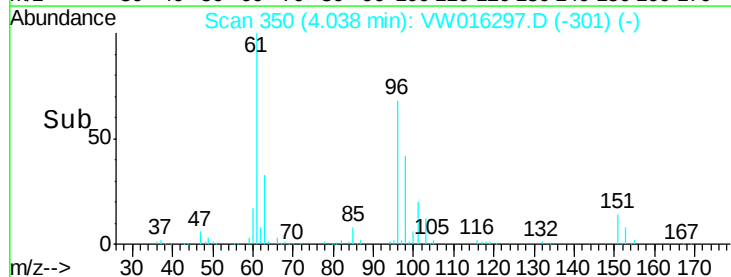
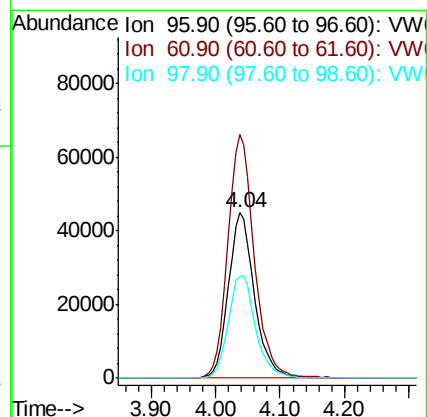
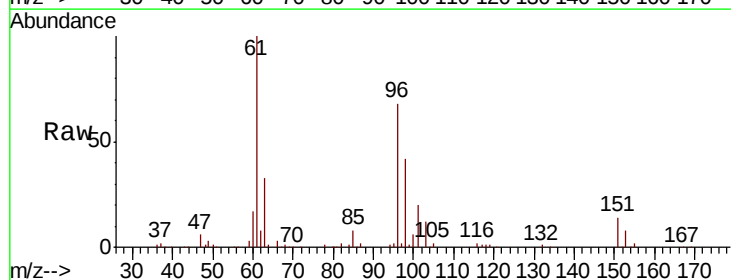
Tot Ion: 59 Resp: 33834
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.0 13.6

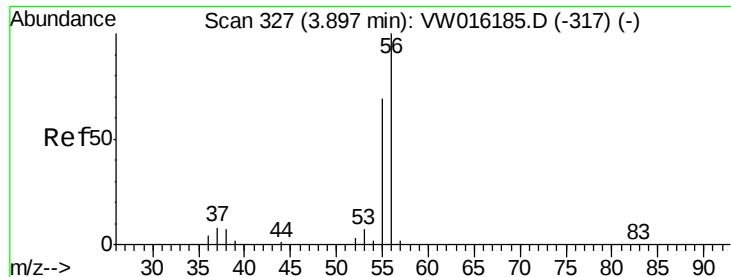


#12

1,1-Dichloroethene
 Concen: 52.378 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion: 96 Resp: 127948
 Ion Ratio Lower Upper
 96 100
 61 147.3 119.5 179.3
 98 61.8 51.3 76.9





#13

Acrolein

Concen: 275.155 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016297.D

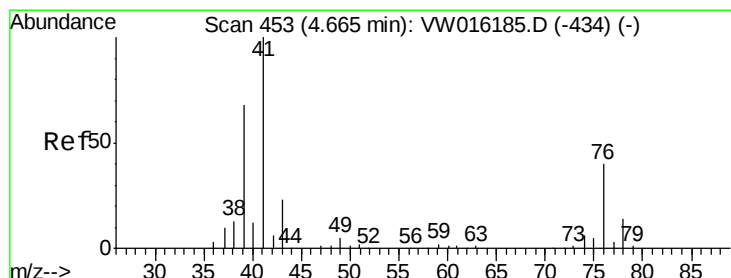
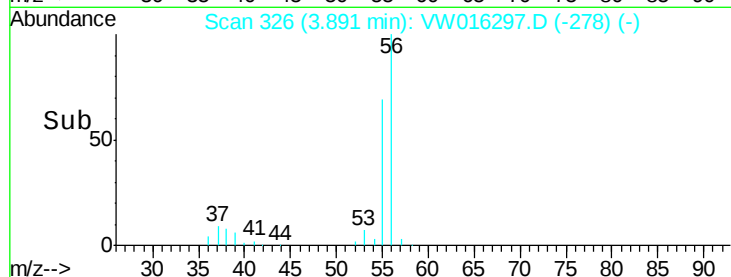
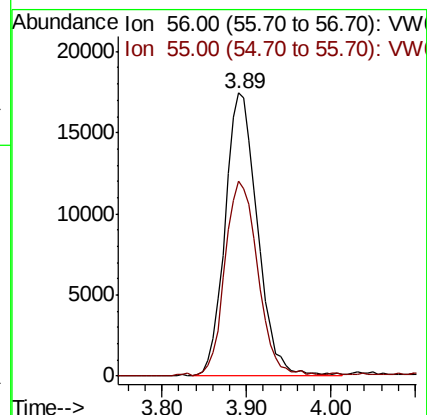
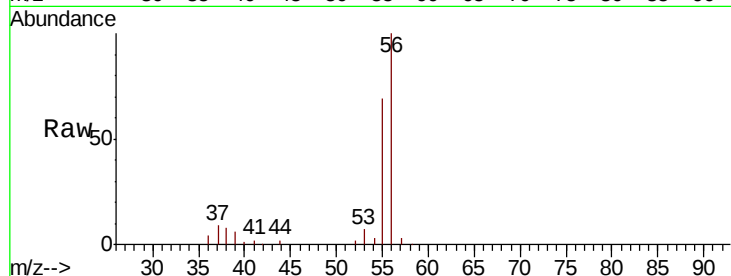
Acq: 21 Aug 2020 11:14

Tot Ion: 56 Resp: 46028

Ion Ratio Lower Upper

56 100

55 68.8 55.0 82.6



#14

Allyl chloride

Concen: 52.106 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

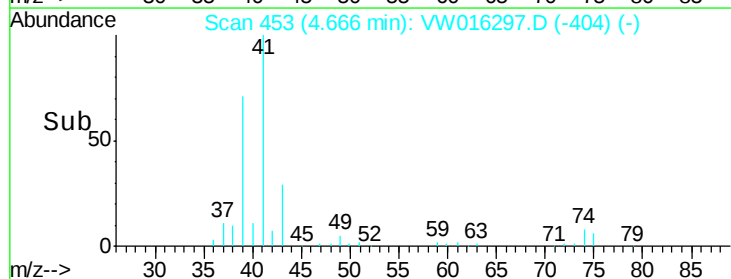
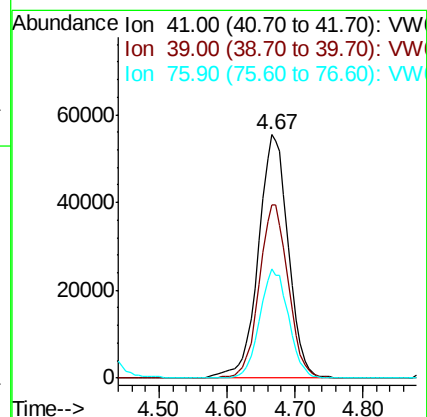
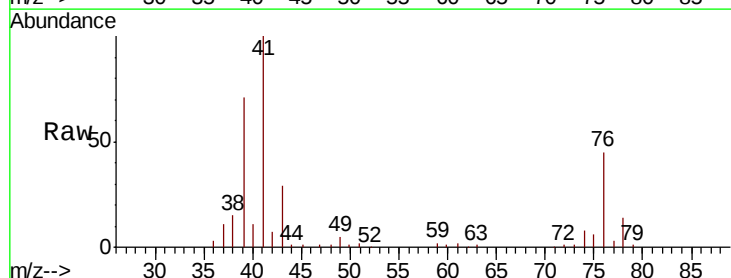
Tgt Ion: 41 Resp: 170541

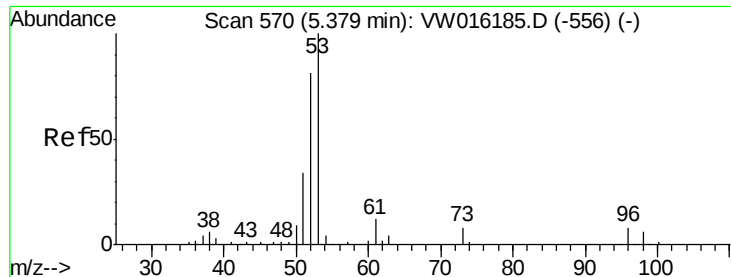
Ion Ratio Lower Upper

41 100

39 69.2 53.4 80.0

76 43.0 32.0 48.0





#15

Acrylonitrile

Concen: 275.879 ug/l

RT: 5.37 min Scan# 568

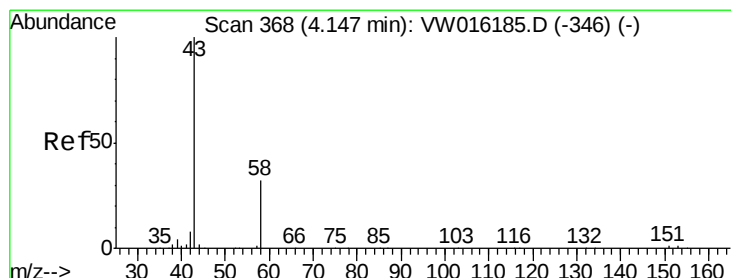
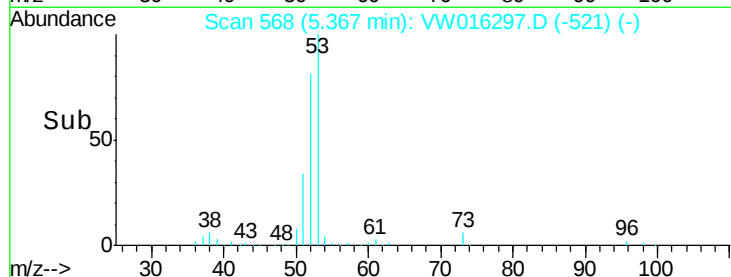
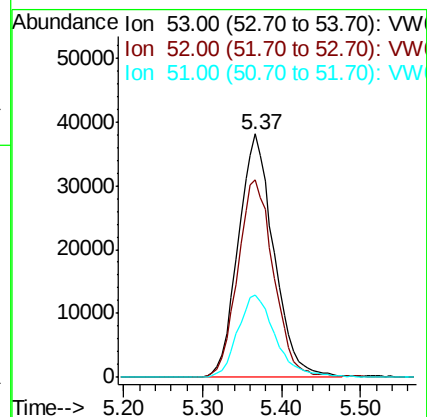
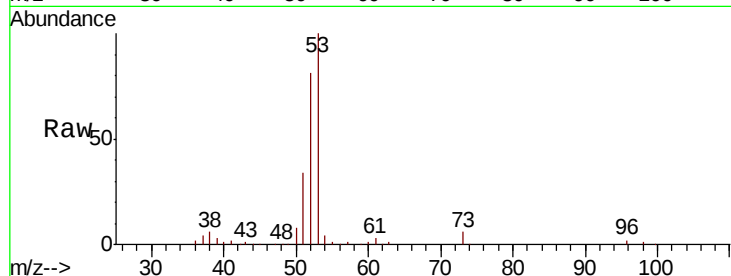
Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tot Ion: 53 Resp: 119414

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.3	97.9
51	35.9	29.0	43.4



#16

Acetone

Concen: 282.823 ug/l

RT: 4.12 min Scan# 364

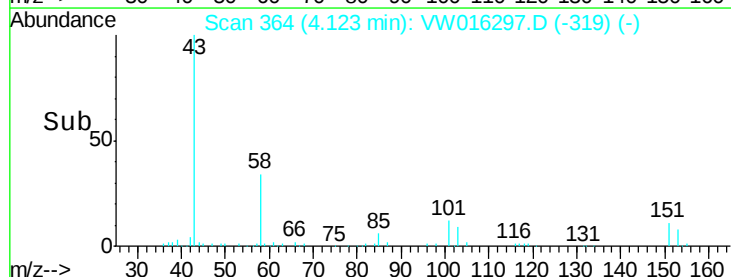
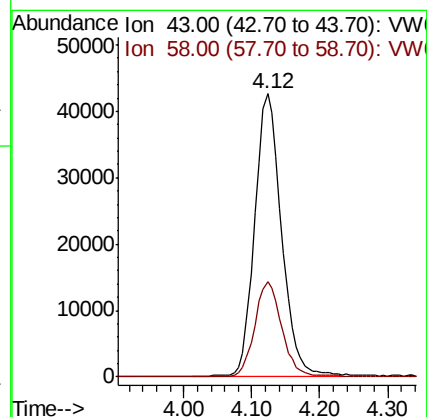
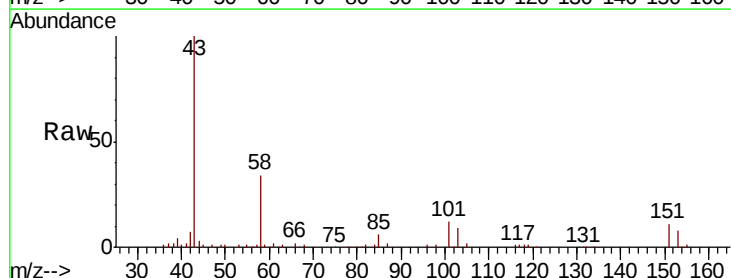
Delta R.T. -0.02 min

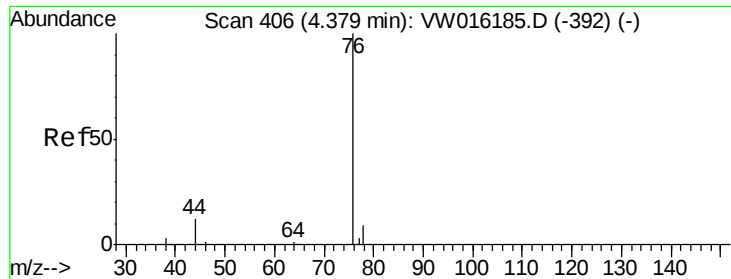
Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tgt Ion: 43 Resp: 117890

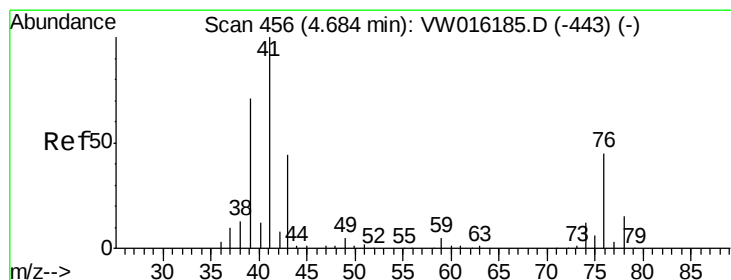
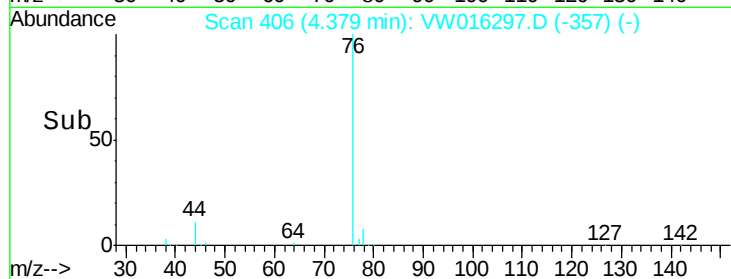
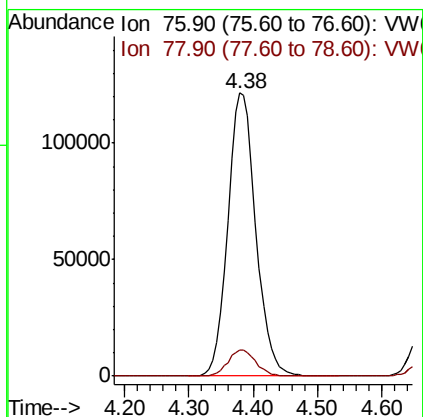
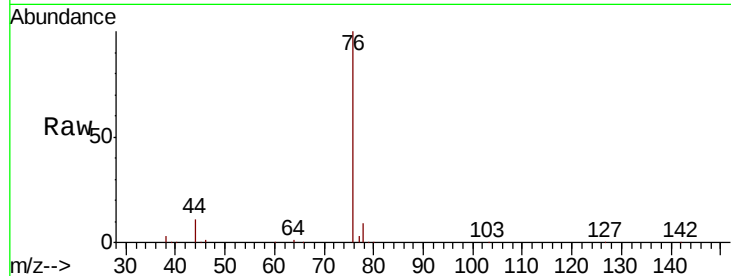
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.8	38.6





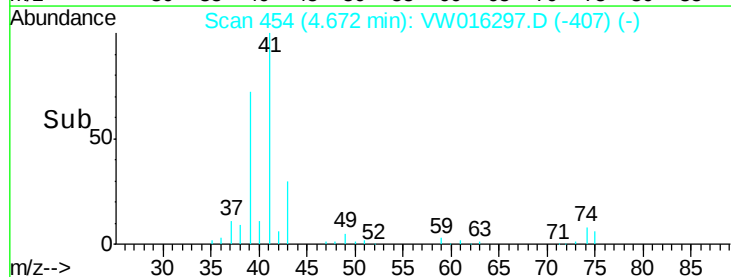
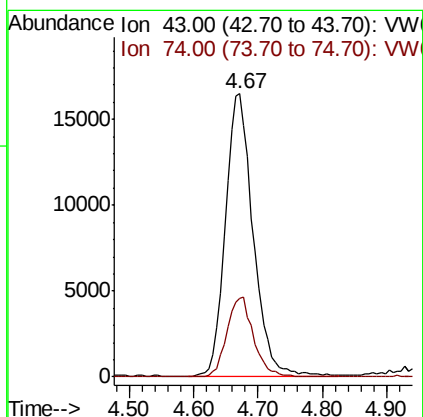
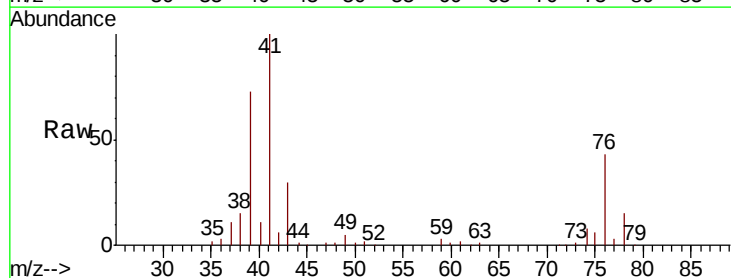
#17
Carbon Disulfide
Concen: 51.404 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

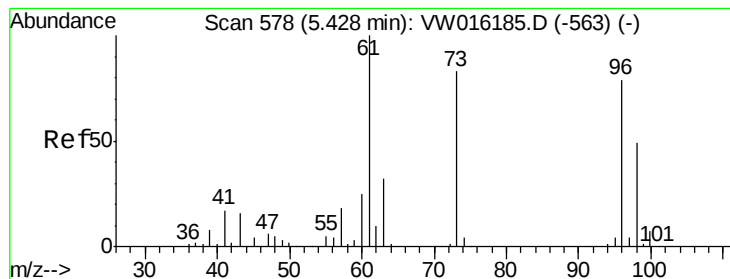
Tot Ion: 76 Resp: 368700
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 51.685 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion: 43 Resp: 50169
Ion Ratio Lower Upper
43 100
74 26.7 20.6 31.0

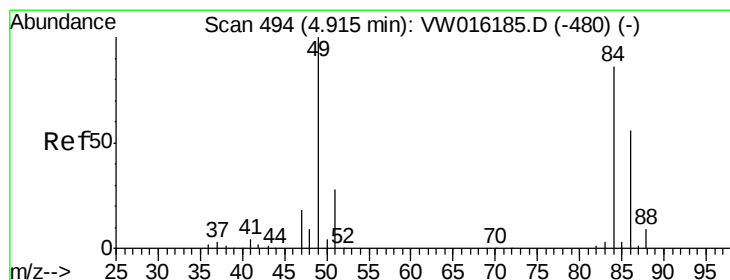
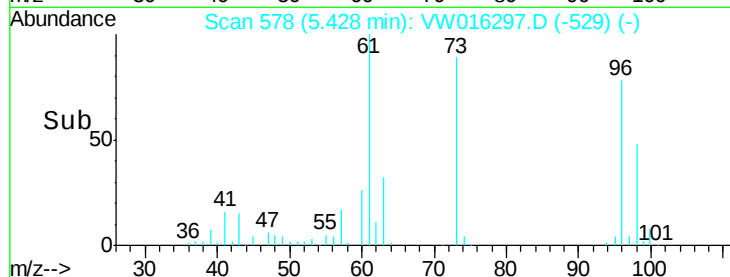
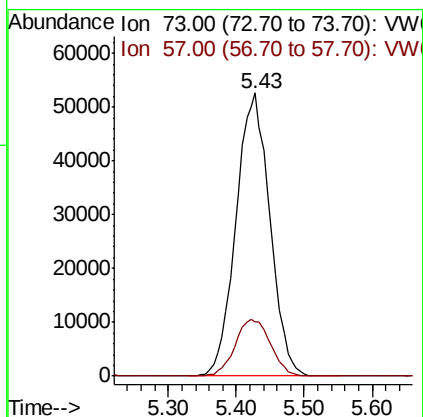
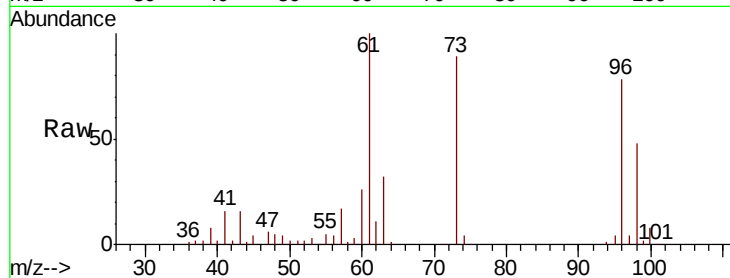




#19

Methyl tert-butyl Ether
 Concen: 60.503 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

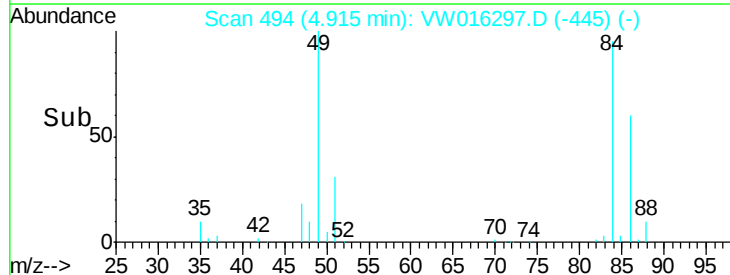
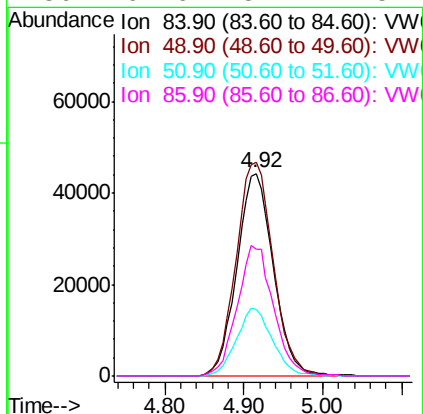
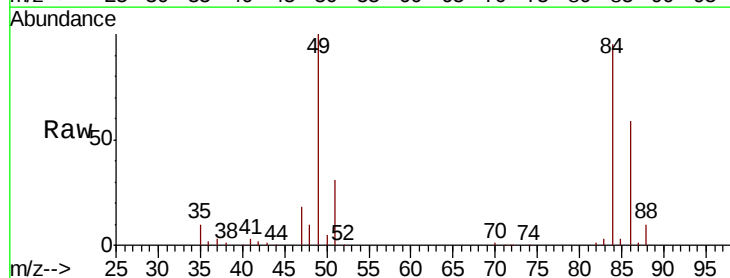
Tot Ion: 73 Resp: 181986
 Ion Ratio Lower Upper
 73 100
 57 19.1 17.2 25.8

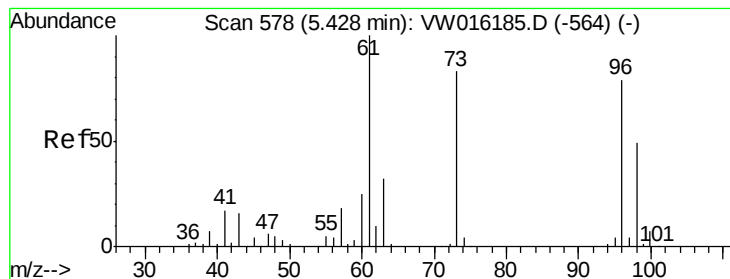


#20

Methylene Chloride
 Concen: 55.390 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion: 84 Resp: 142041
 Ion Ratio Lower Upper
 84 100
 49 105.3 93.4 140.2
 51 32.9 26.6 40.0
 86 62.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 52.162 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

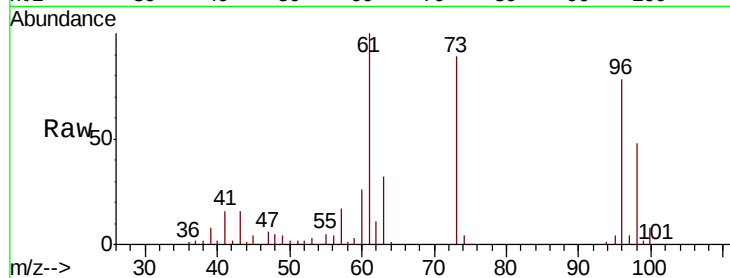
Tot Ion: 96 Resp: 138756

Ion Ratio Lower Upper

96 100

61 128.9 101.4 152.0

98 61.3 49.4 74.0

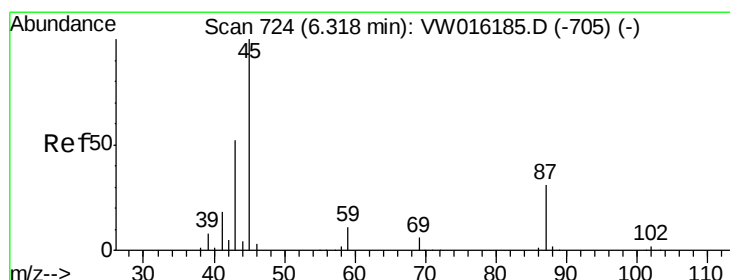
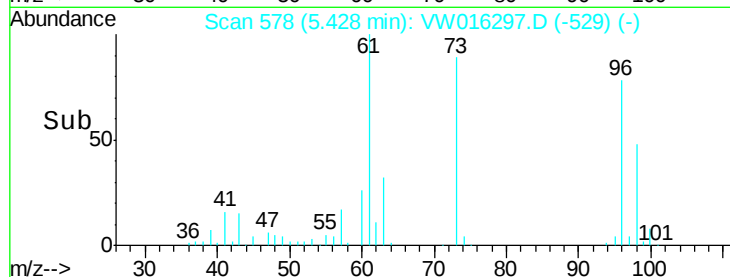
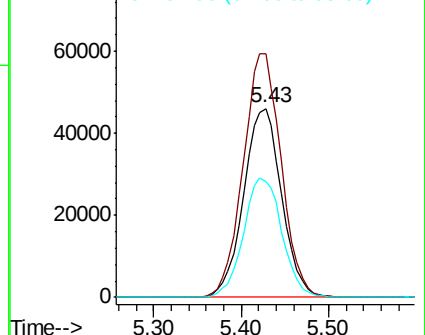


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 53.474 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tgt Ion: 45 Resp: 329945

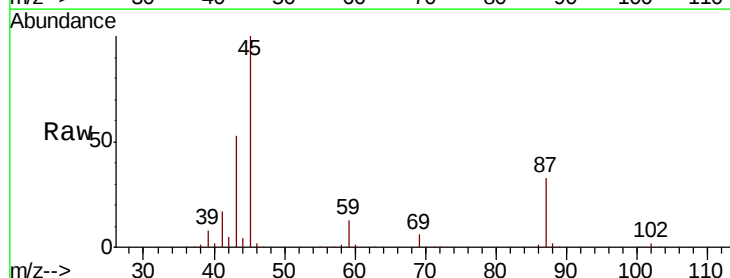
Ion Ratio Lower Upper

45 100

43 52.9 41.7 62.5

87 33.0 25.0 37.6

59 12.5 9.2 13.8



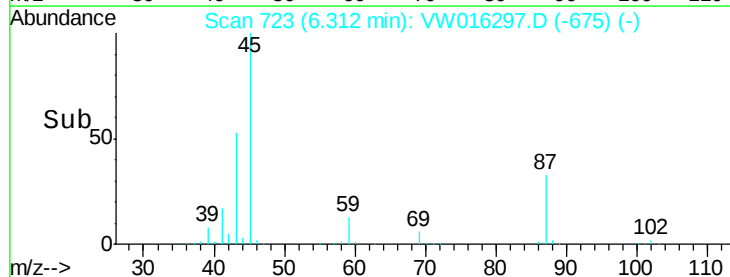
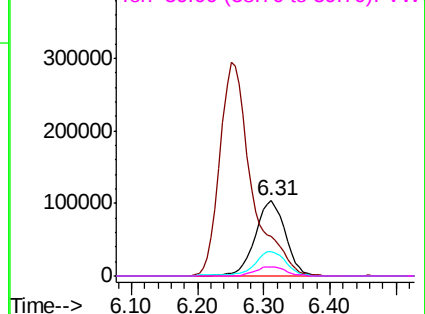
Abundance

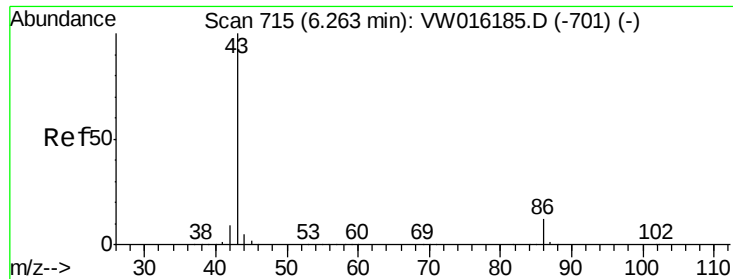
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 278.181 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW016297.D

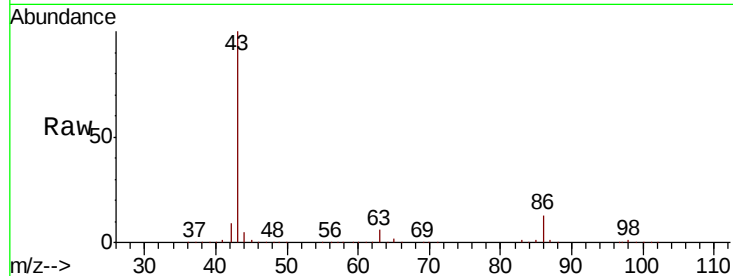
Acq: 21 Aug 2020 11:14

Tot Ion: 43 Resp: 982830

Ion Ratio Lower Upper

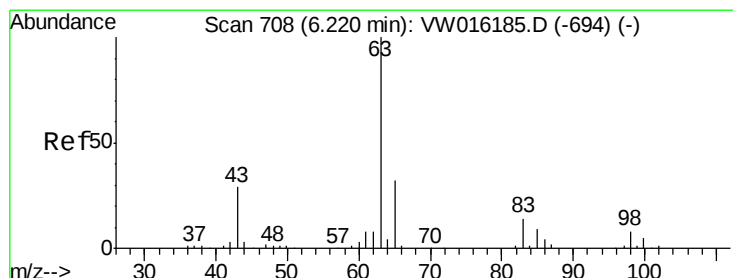
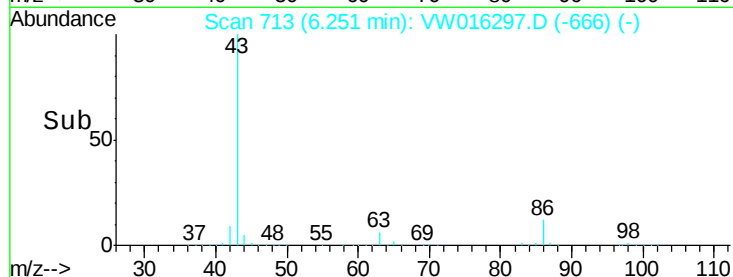
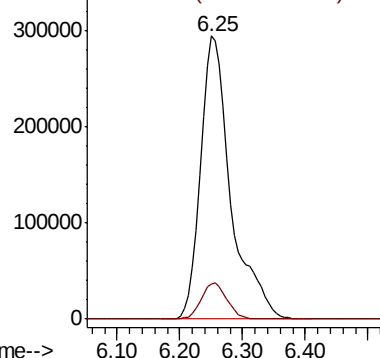
43 100

86 12.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.504 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

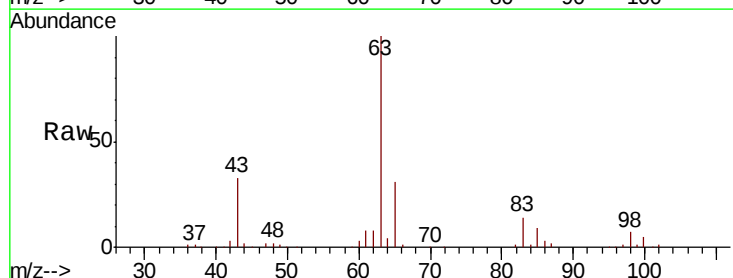
Tgt Ion: 63 Resp: 221799

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

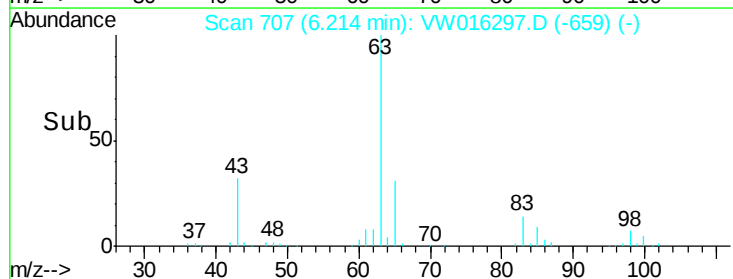
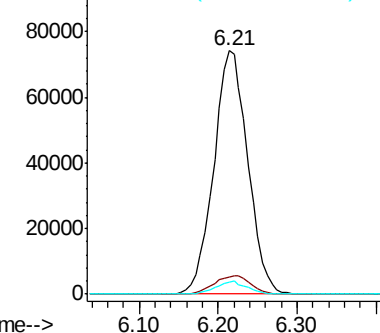
100 4.7 2.6 8.0

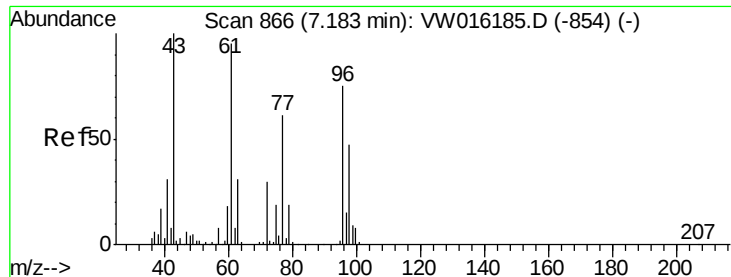


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

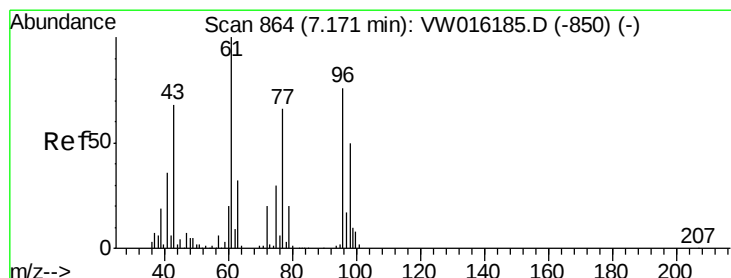
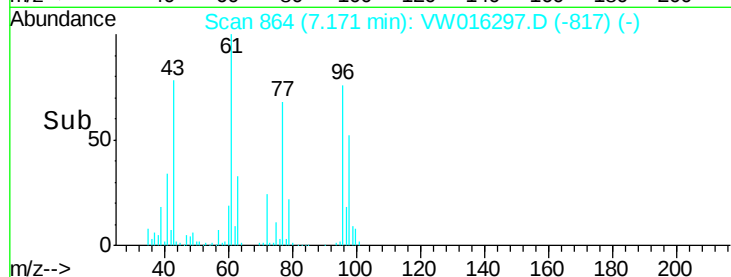
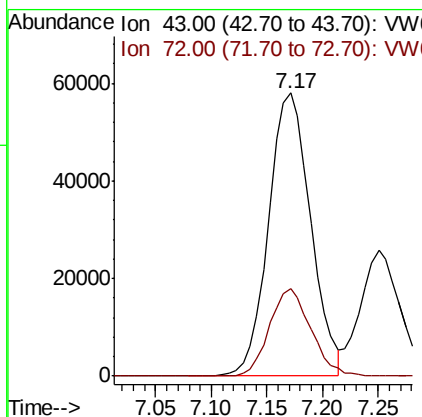
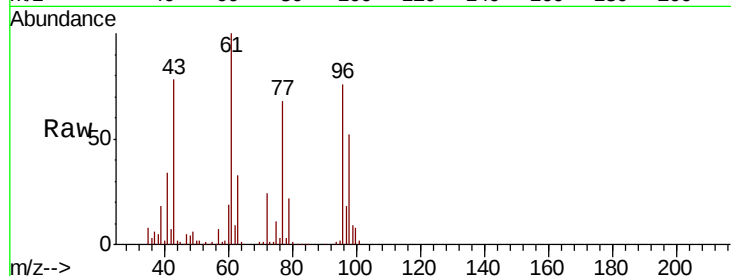
Ion 99.90 (99.60 to 100.60): VW





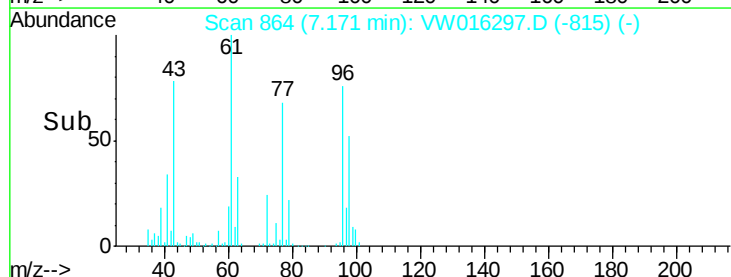
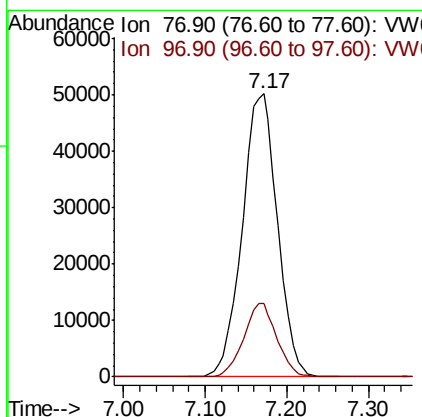
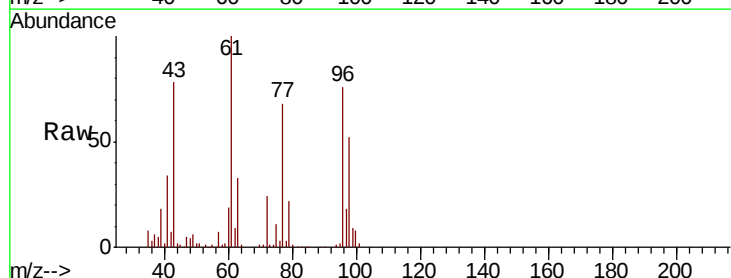
#25
2-Butanone
Concen: 273.920 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

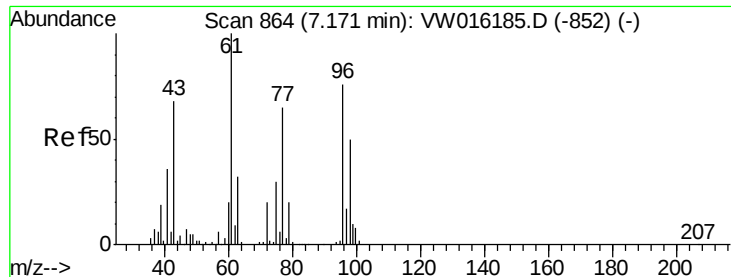
Tot Ion: 43 Resp: 153020
Ion Ratio Lower Upper
43 100
72 31.0 24.2 36.2



#26
2,2-Dichloropropane
Concen: 54.005 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion: 77 Resp: 150232
Ion Ratio Lower Upper
77 100
97 24.4 12.1 36.3

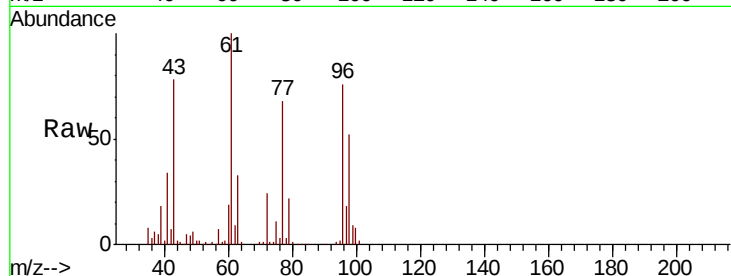




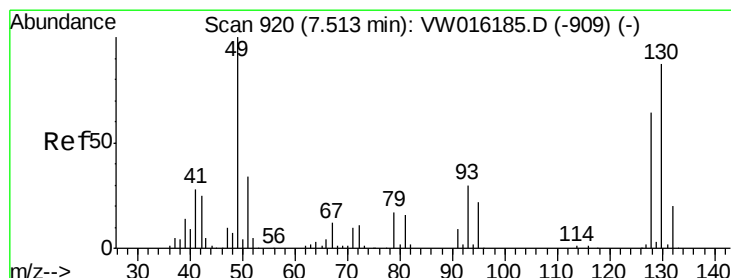
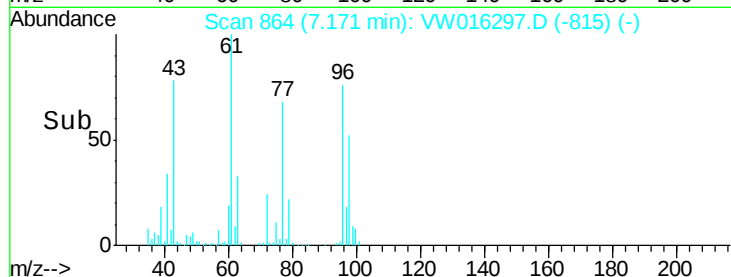
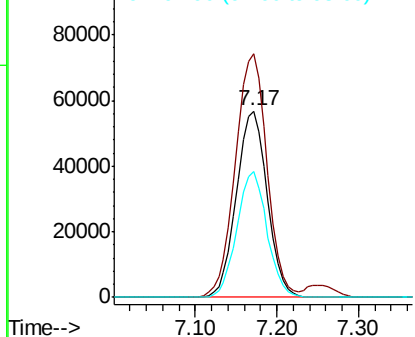
#27

cis-1,2-Dichloroethene
Concen: 54.244 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tot Ion	96	Resp	148941
Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	267.0
98	65.8	0.0	129.6



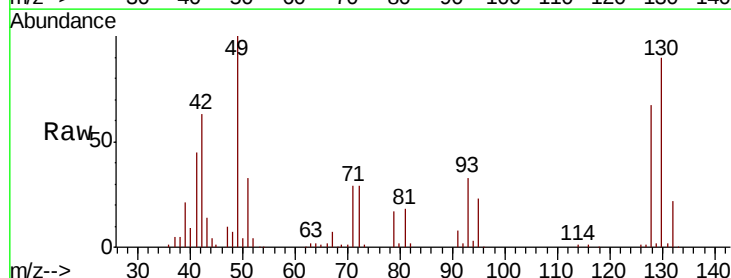
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



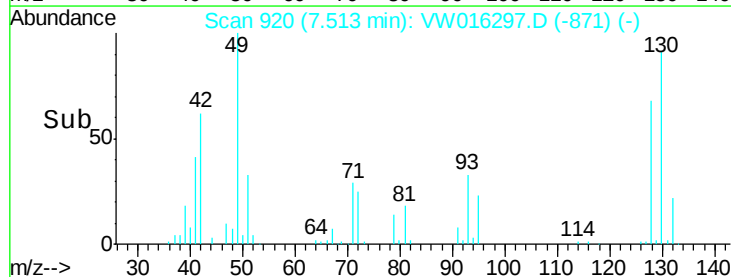
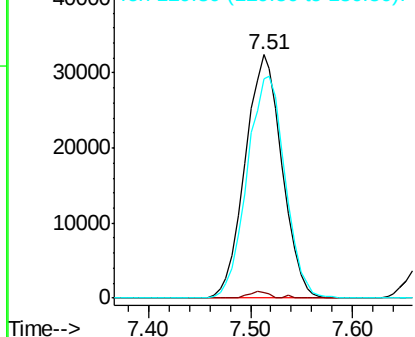
#28

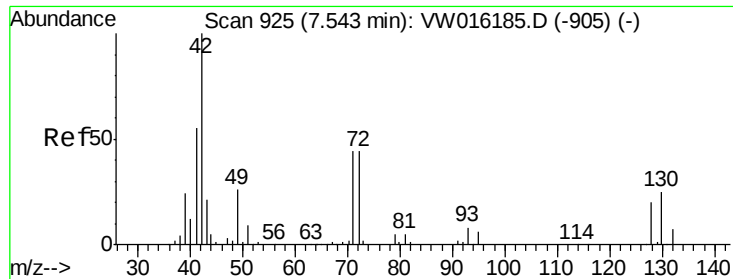
Bromochloromethane
Concen: 49.878 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	49	Resp	81493
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.2
130	93.7	69.9	104.9



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 275.717 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

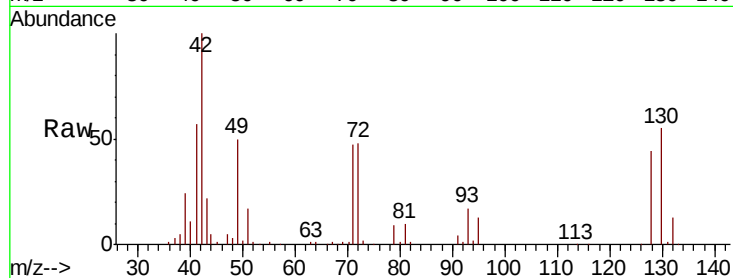
Tot Ion: 42 Resp: 92070

Ion Ratio Lower Upper

42 100

72 50.2 37.4 56.2

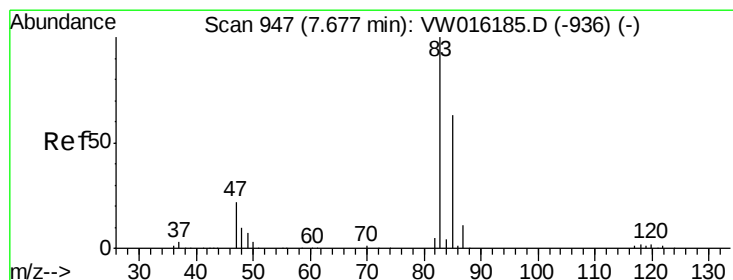
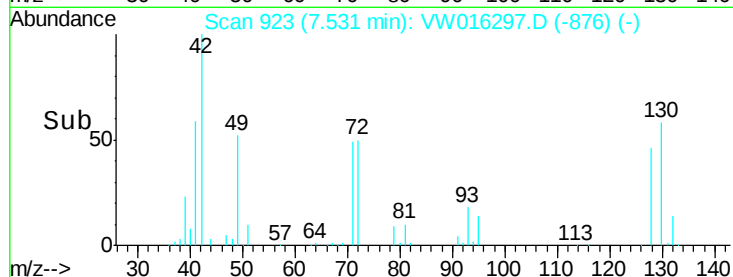
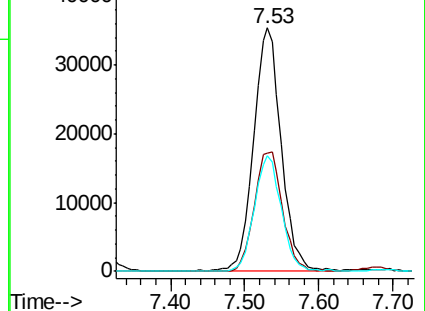
71 46.3 35.6 53.4



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 51.719 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW016297.D

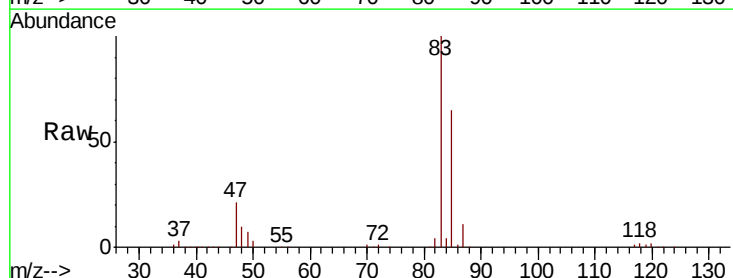
Acq: 21 Aug 2020 11:14

Tgt Ion: 83 Resp: 231414

Ion Ratio Lower Upper

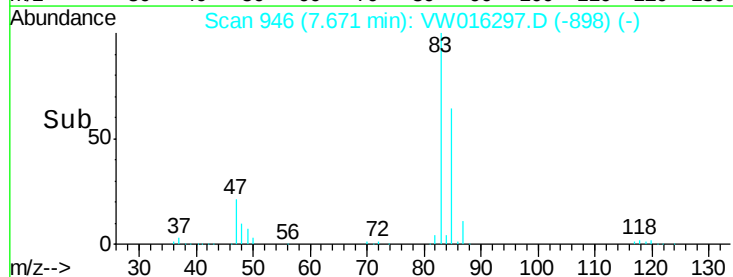
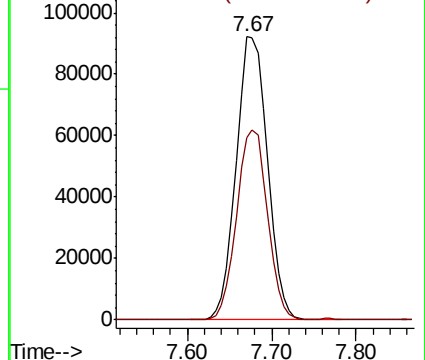
83 100

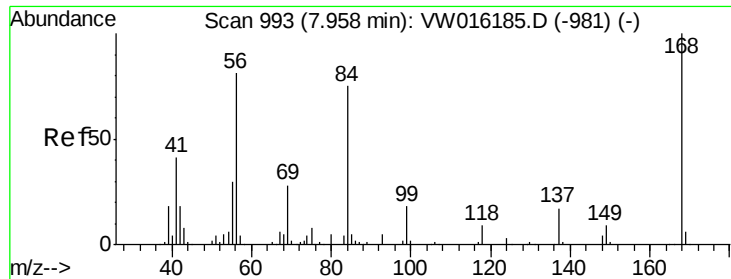
85 64.6 50.0 75.0



Abundance Ion 82.90 (82.60 to 83.60): VW

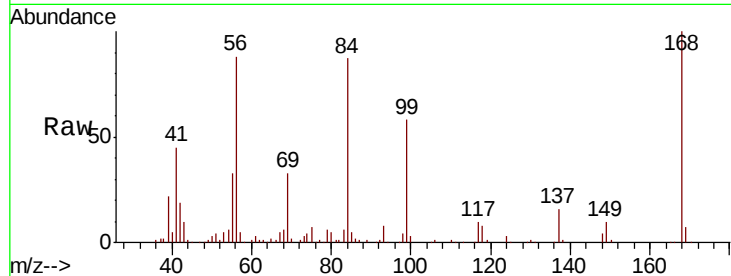
Ion 84.90 (84.60 to 85.60): VW



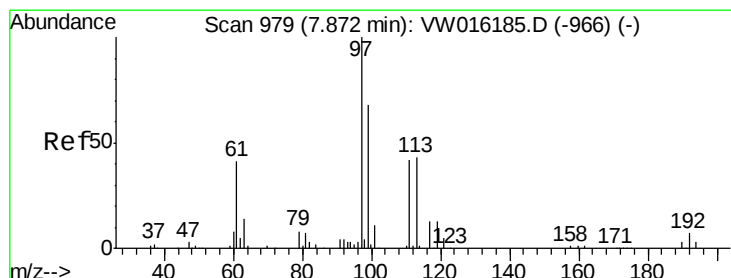
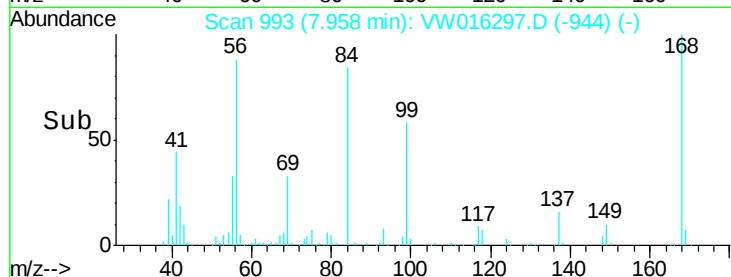
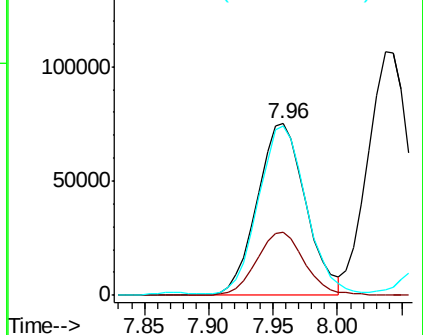


#31
Cyclohexane
Concen: 49.421 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.1	27.3	40.9
84	97.7	73.5	110.3

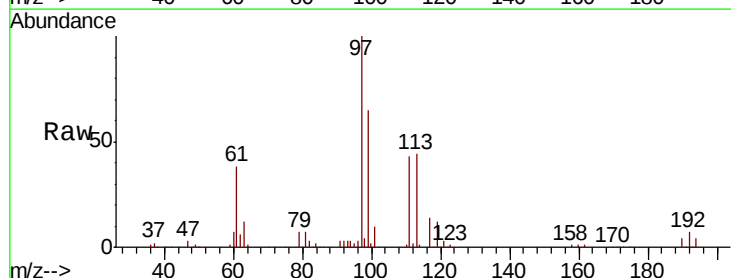


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

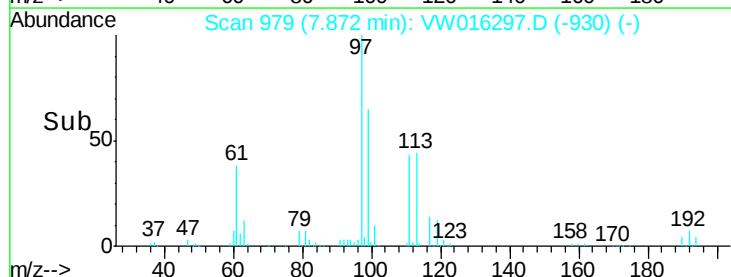
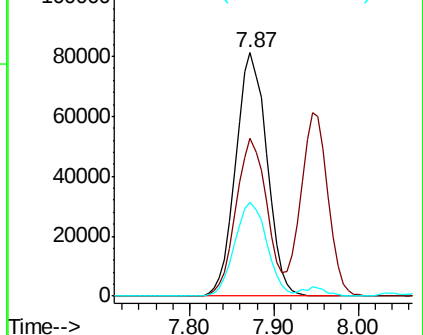


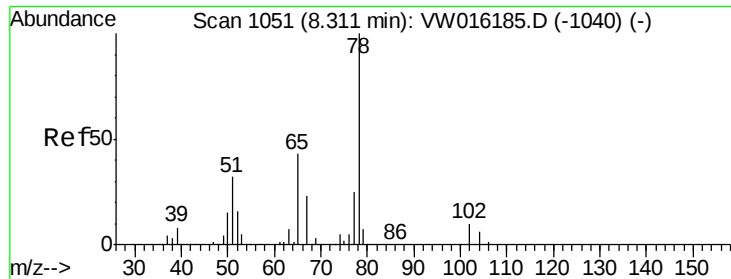
#32
1,1,1-Trichloroethane
Concen: 53.997 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	39.7	33.2	49.8



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: 50.827 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016297.D

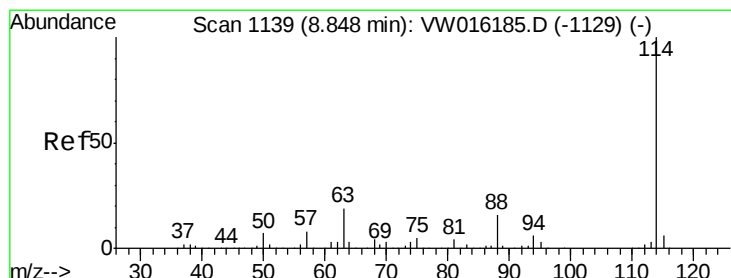
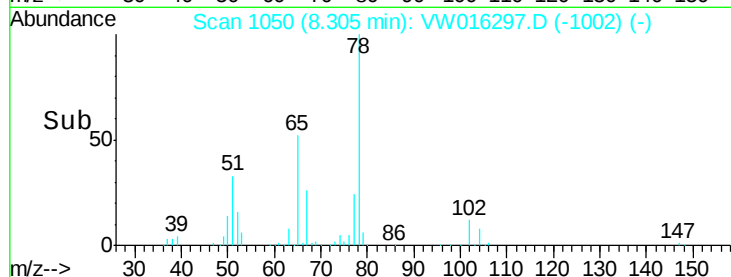
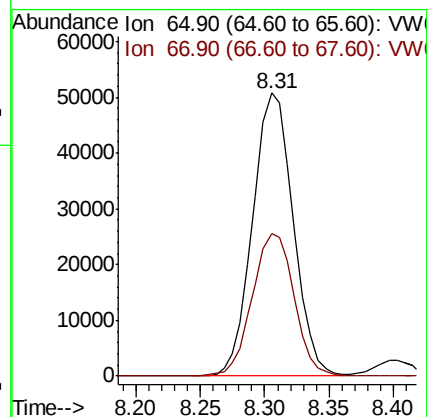
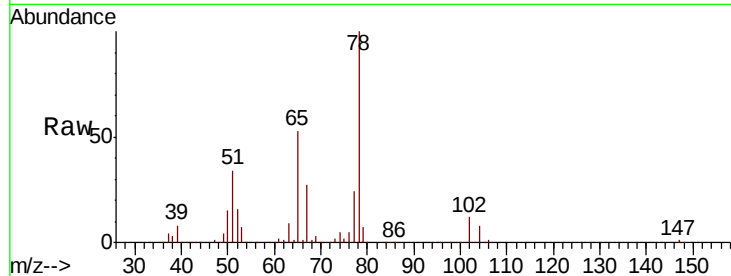
Acq: 21 Aug 2020 11:14

Tot Ion: 65 Resp: 110595

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

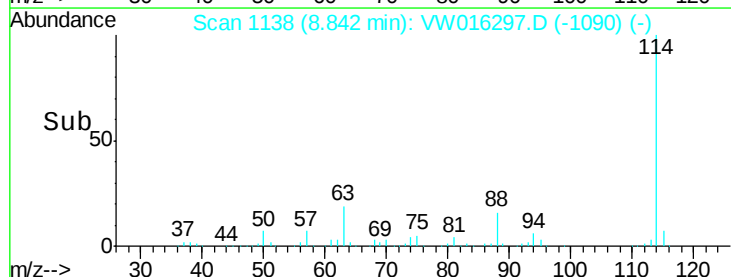
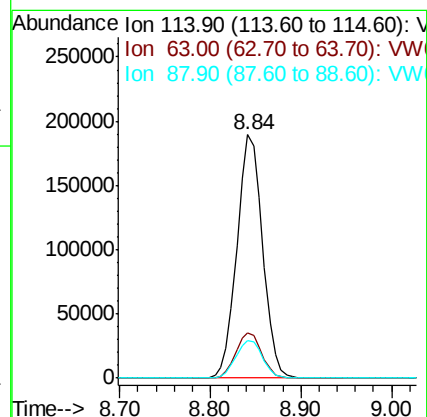
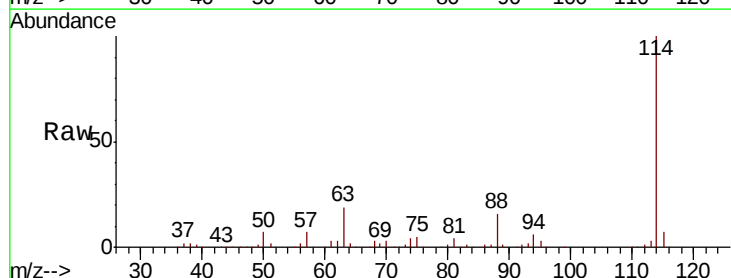
Tgt Ion: 114 Resp: 371822

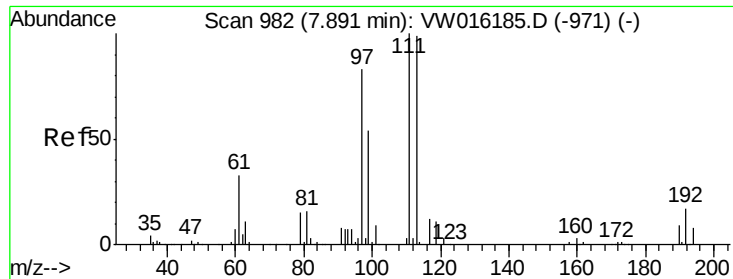
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

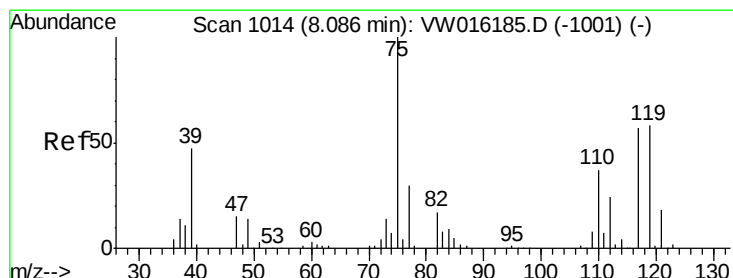
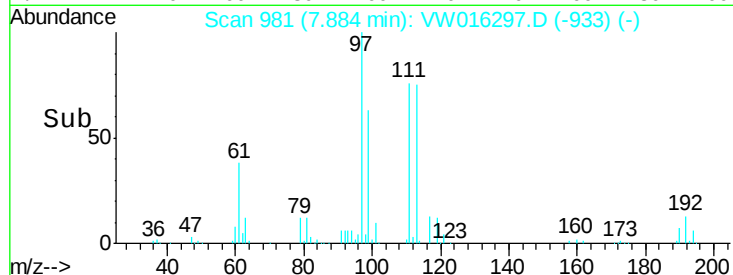
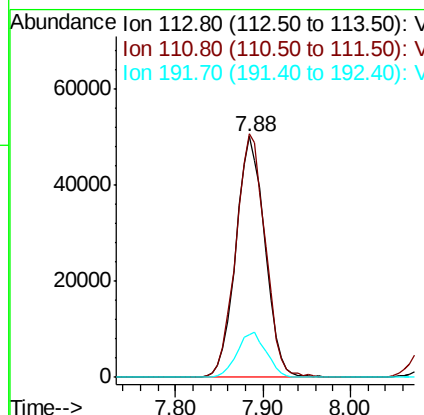
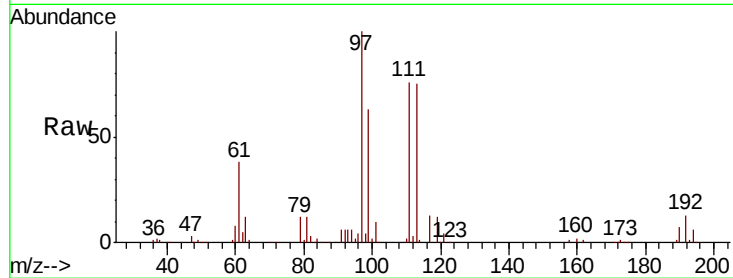
88 15.6 0.0 32.8





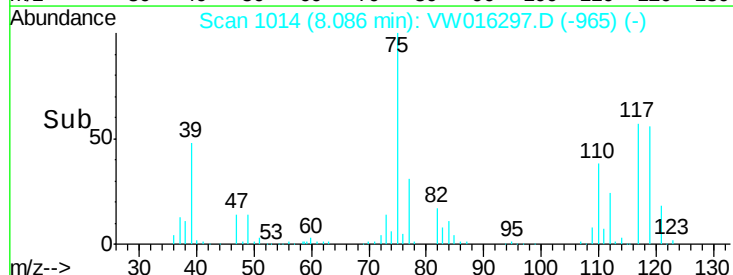
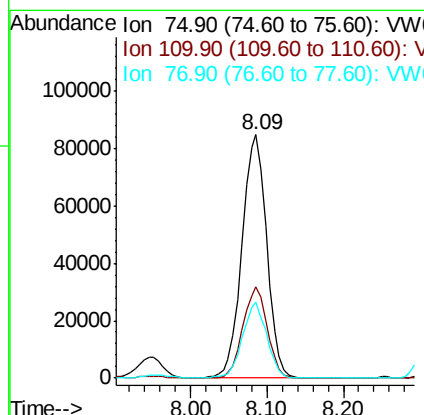
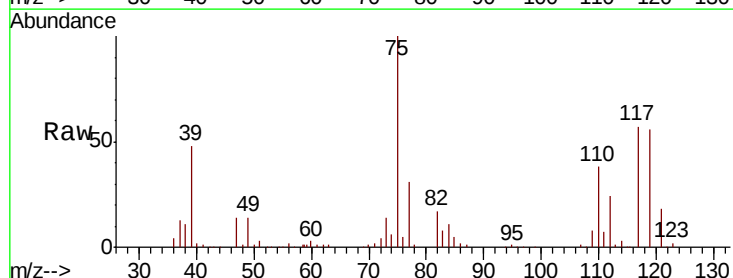
#35
 Dibromofluoromethane
 Concen: 50.556 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

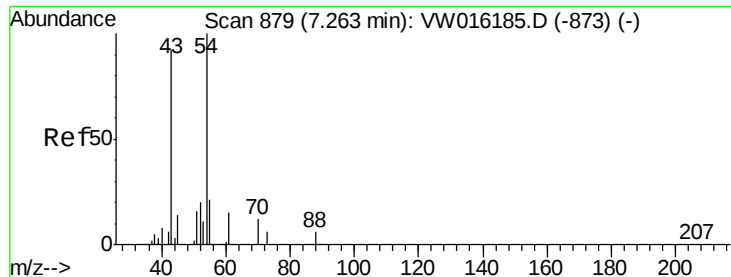
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.5	125.3
192	18.7	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 51.927 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

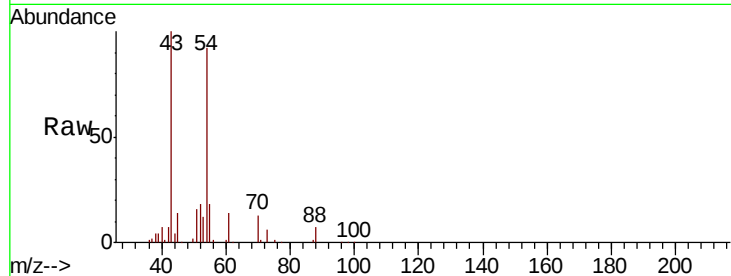
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.1	54.3
77	30.5	24.7	37.1



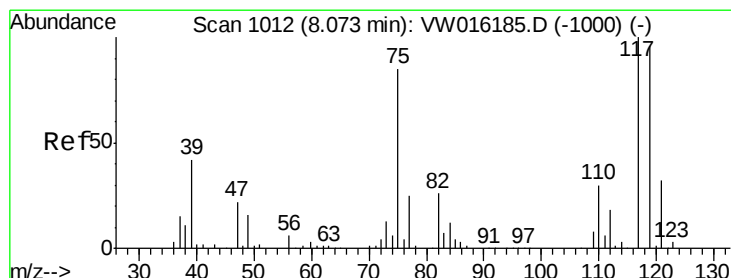
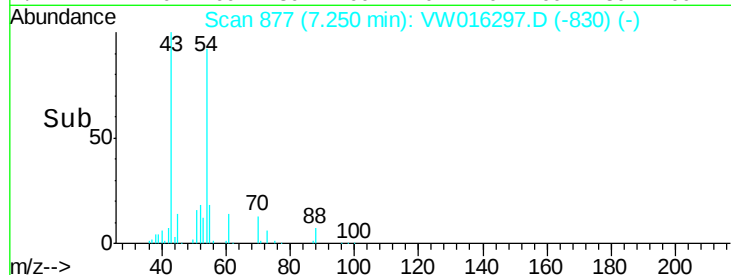
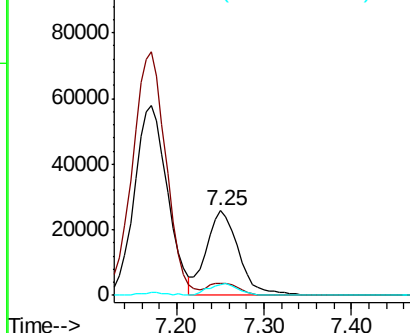


#37
Ethyl Acetate
Concen: 52.489 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tot Ion: 43 Resp: 65920
Ion Ratio Lower Upper
43 100
61 14.6 12.6 18.8
70 13.1 9.8 14.8

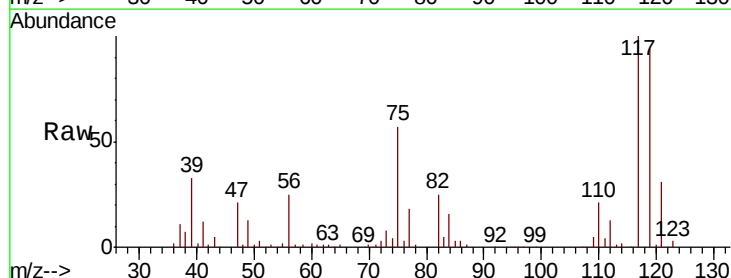


Abundance Ion 43.00 (42.70 to 43.70): VW
100000 Ion 60.90 (60.60 to 61.60): VW
80000 Ion 70.00 (69.70 to 70.70): VW

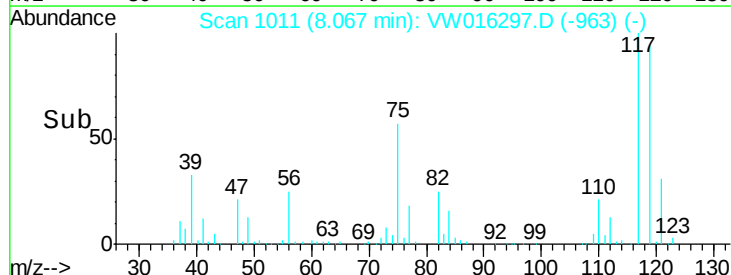
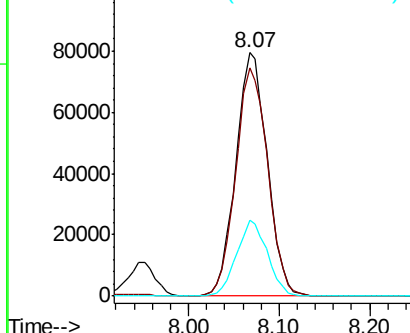


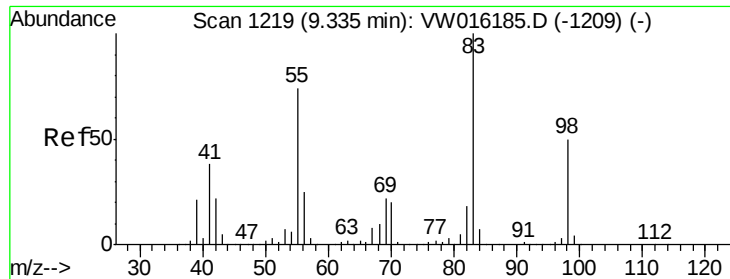
#38
Carbon Tetrachloride
Concen: 52.238 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion: 117 Resp: 190951
Ion Ratio Lower Upper
117 100
119 93.9 76.6 115.0
121 31.4 25.4 38.0



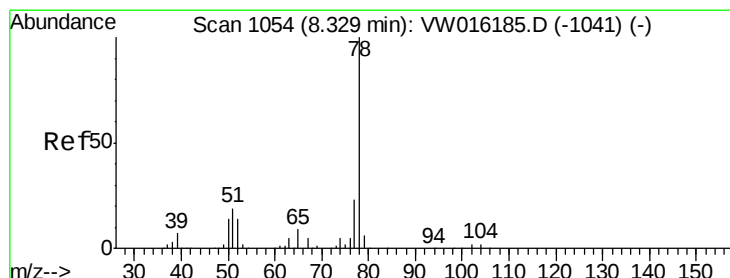
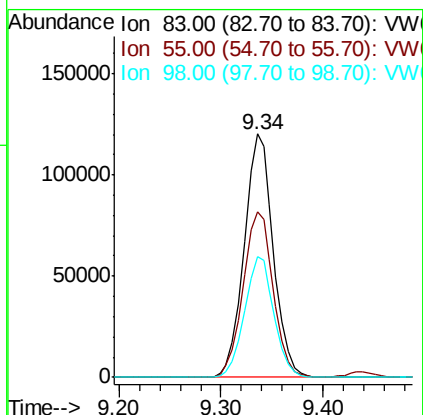
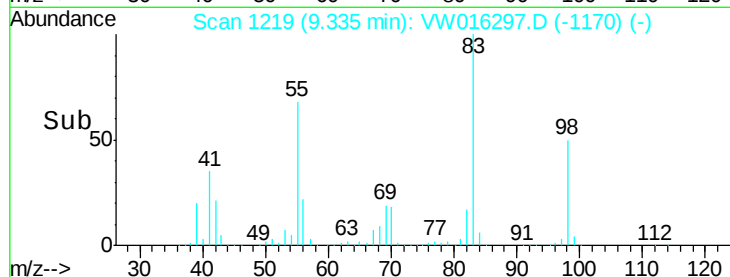
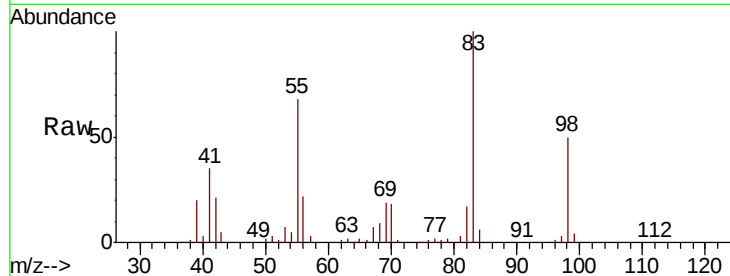
Abundance Ion 116.80 (116.50 to 117.50): V
100000 Ion 118.80 (118.50 to 119.50): V
80000 Ion 120.80 (120.50 to 121.50): V





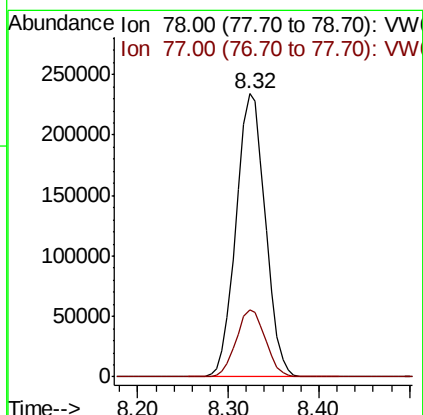
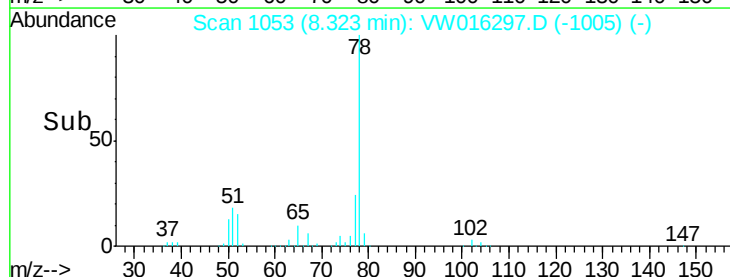
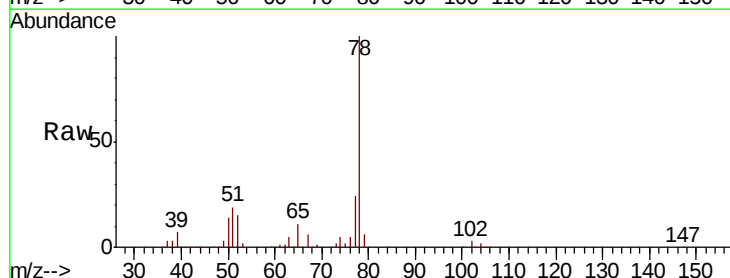
#39
Methvlcvclohexane
Concen: 53.921 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

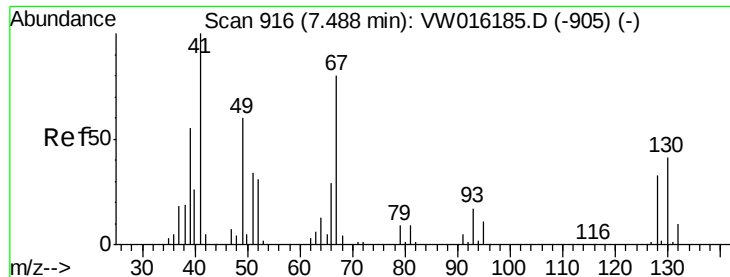
Tot Ion: 83 Resp: 237908
Ion Ratio Lower Upper
83 100
55 67.9 59.2 88.8
98 49.8 40.2 60.2



#40
Benzene
Concen: 50.791 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

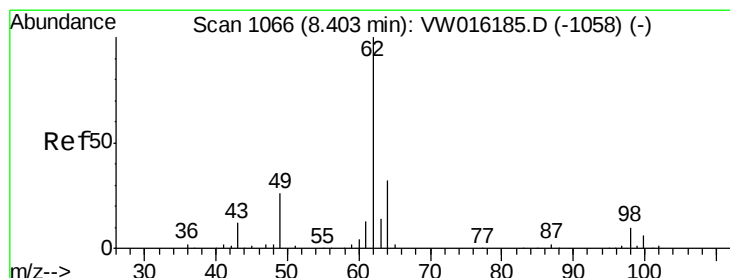
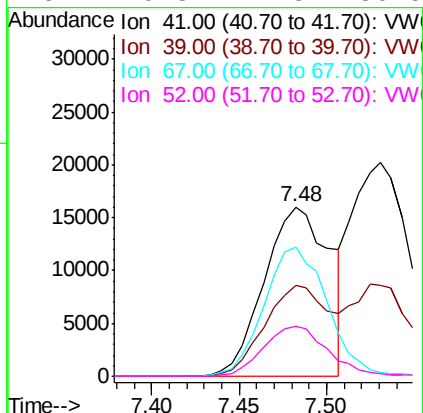
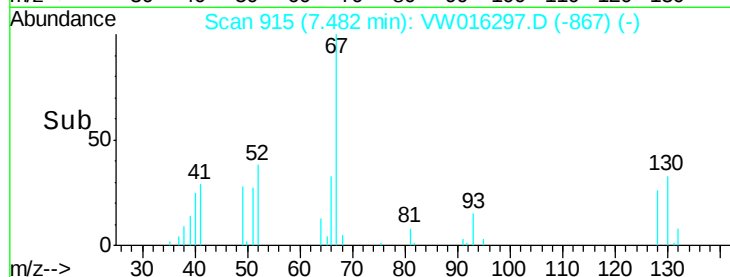
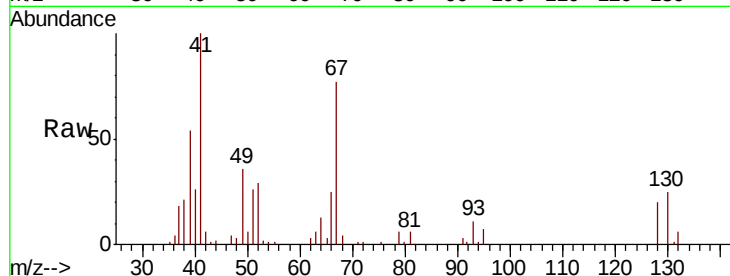
Tgt Ion: 78 Resp: 523385
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0





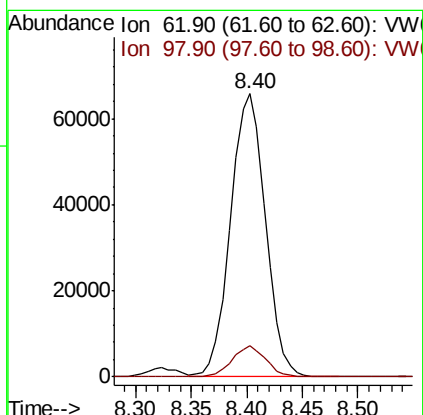
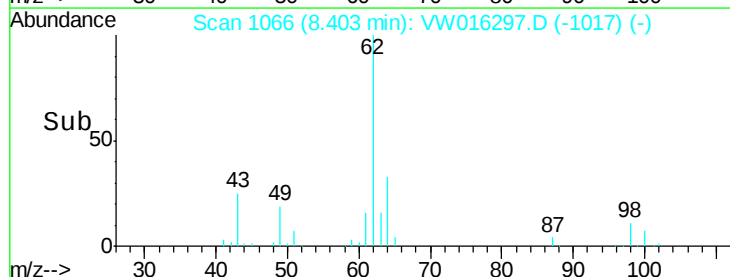
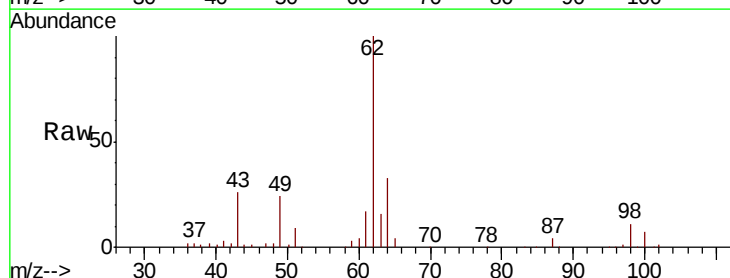
#41
Methacrylonitrile
Concen: 58.380 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

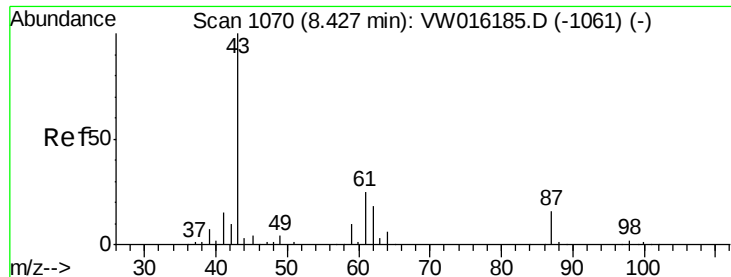
Tot Ion:	41	Resp:	41844
Ion	Ratio	Lower	Upper
41	100		
39	52.8	43.4	65.2
67	74.1	61.5	92.3
52	29.3	24.3	36.5



#42
1,2-Dichloroethane
Concen: 52.335 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion:	62	Resp:	142432
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8





#43

Isopropyl Acetate

Concen: 54.376 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

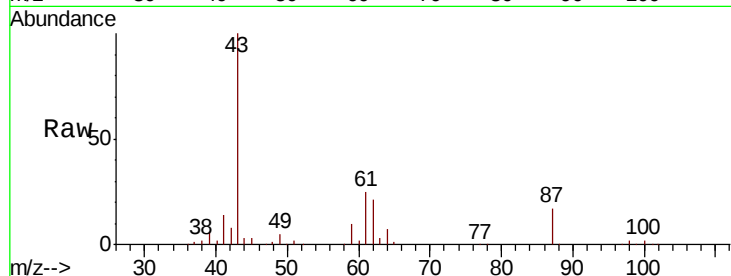
Tot Ion: 43 Resp: 128475

Ion Ratio Lower Upper

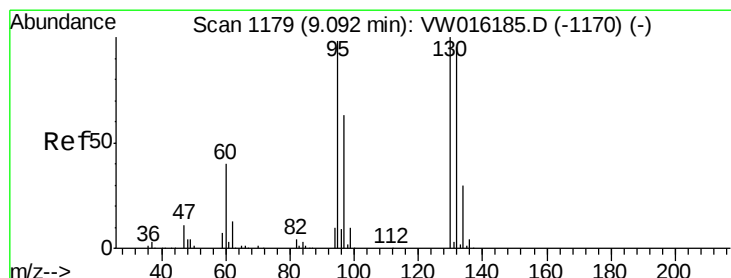
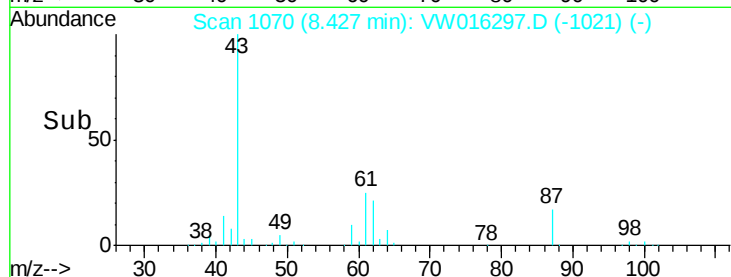
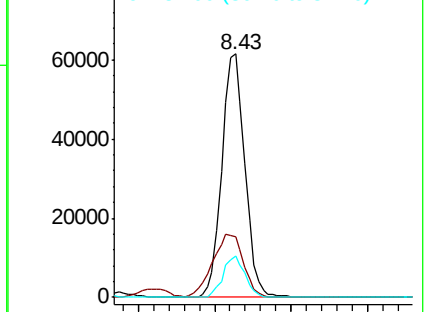
43 100

61 34.8 26.9 40.3

87 16.1 12.0 18.0



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: 51.417 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016297.D

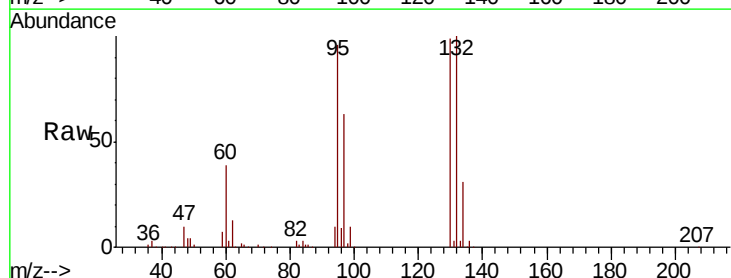
Acq: 21 Aug 2020 11:14

Tgt Ion: 130 Resp: 150060

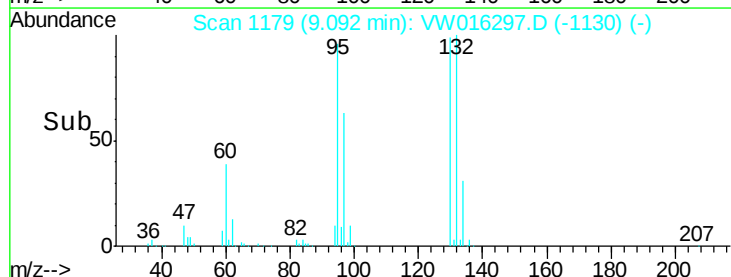
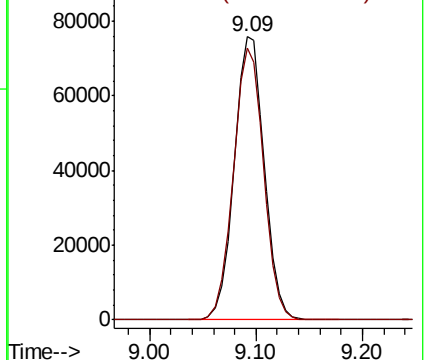
Ion Ratio Lower Upper

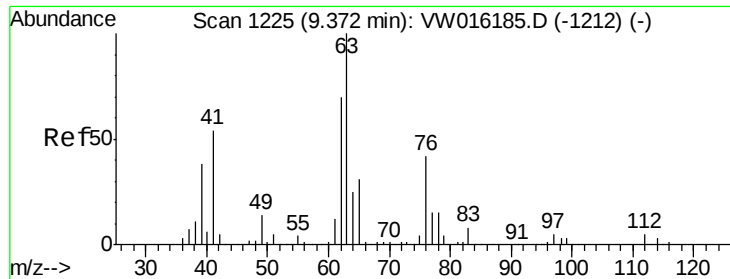
130 100

95 96.2 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: 50.499 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016297.D

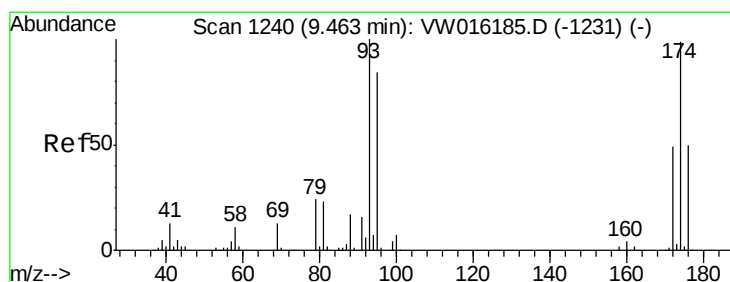
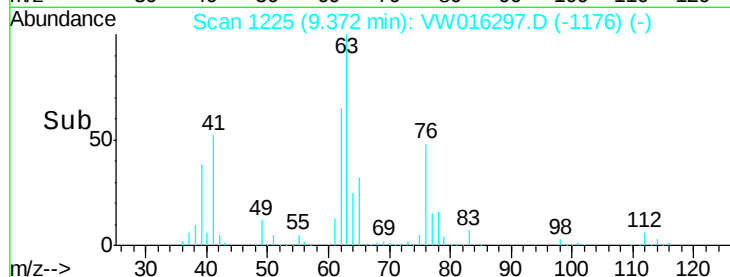
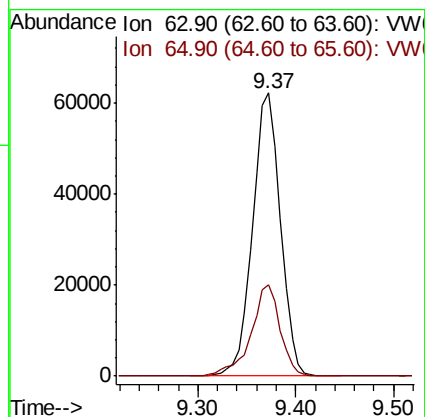
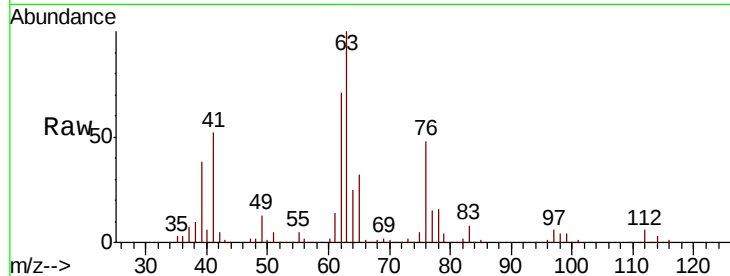
Acq: 21 Aug 2020 11:14

Tot Ion: 63 Resp: 122665

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.6



#46

Dibromomethane

Concen: 52.525 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

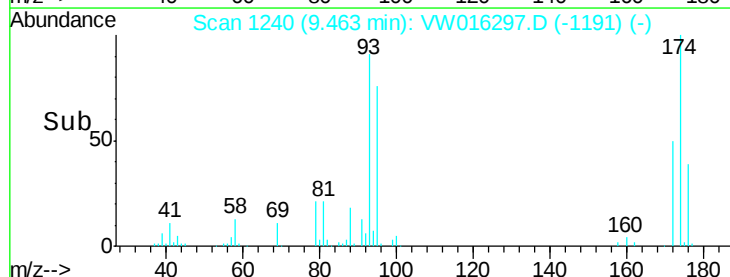
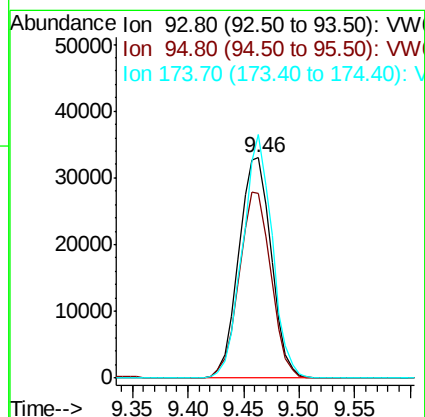
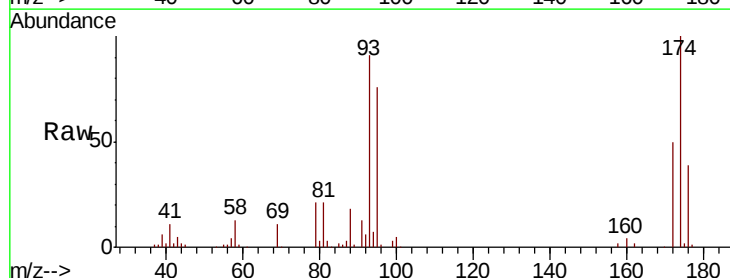
Tgt Ion: 93 Resp: 66984

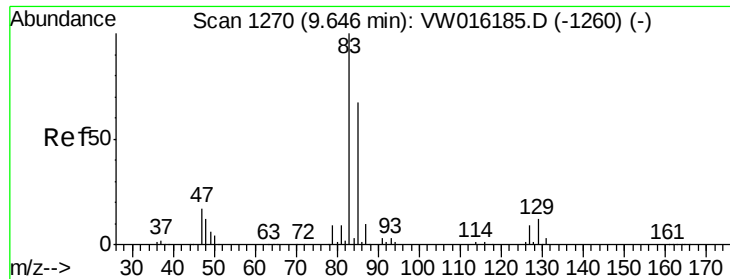
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 101.1 77.0 115.6





#47

Bromodichloromethane

Concen: 53.225 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

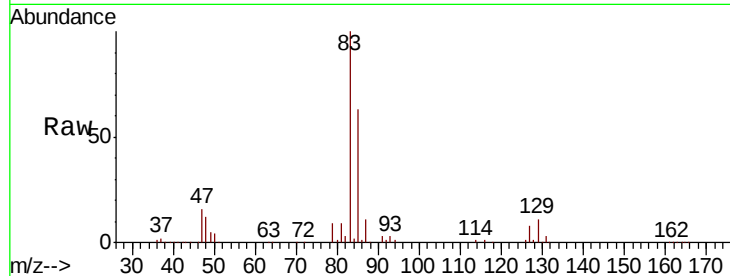
Tot Ion: 83 Resp: 175367

Ion Ratio Lower Upper

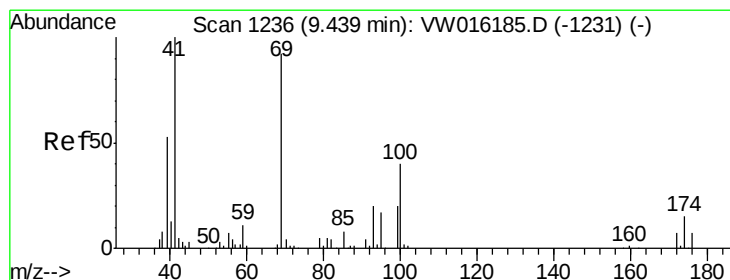
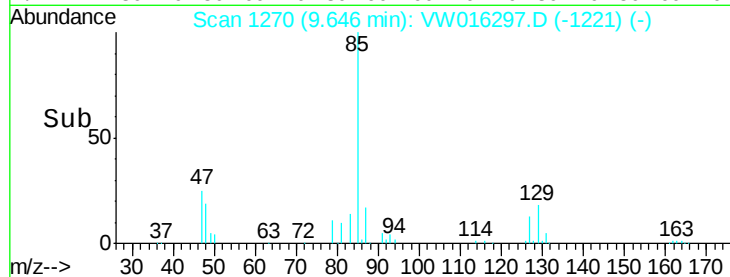
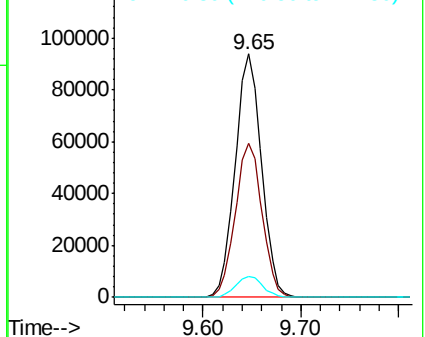
83 100

85 63.1 53.3 79.9

127 8.5 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.828 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

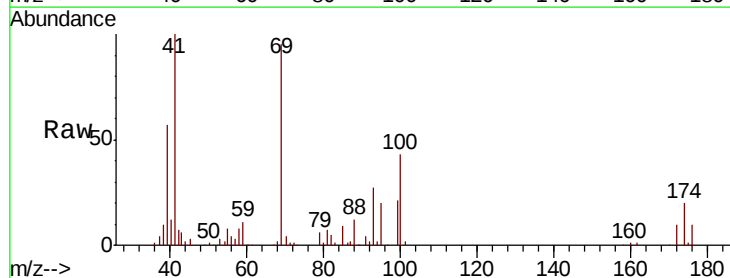
Tgt Ion: 41 Resp: 60222

Ion Ratio Lower Upper

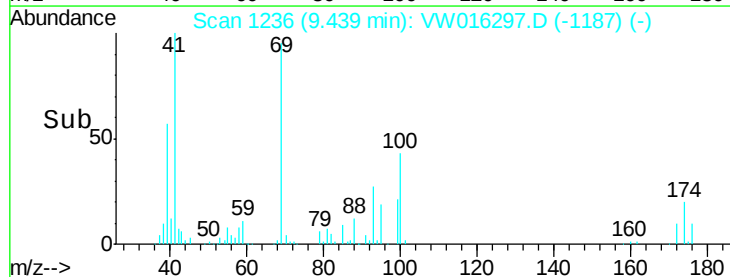
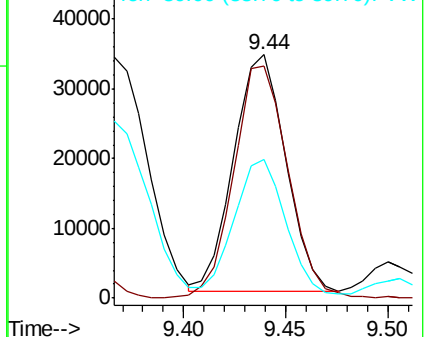
41 100

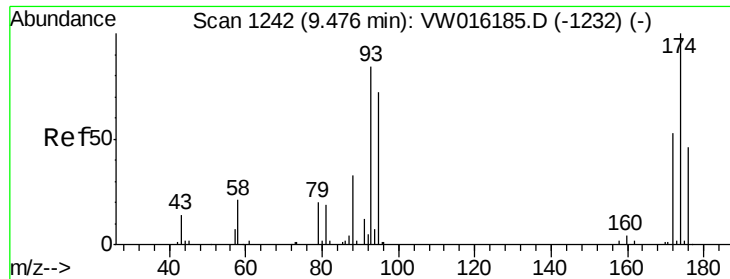
69 102.7 77.4 116.0

39 55.1 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1082.684 ug/l

RT: 9.45 min Scan# 1238

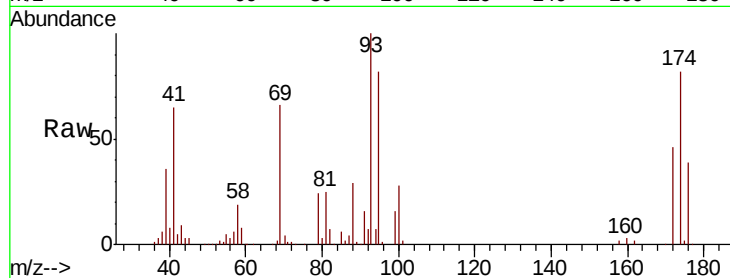
Delta R.T. -0.02 min

Lab File: VW016297.D

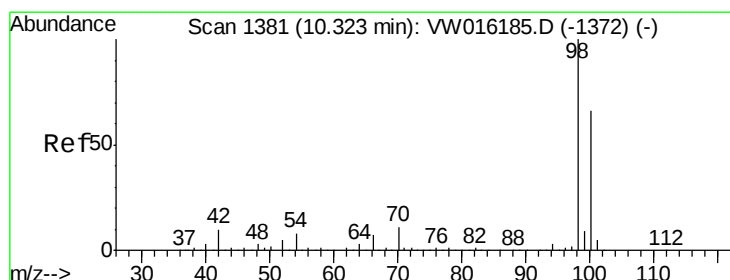
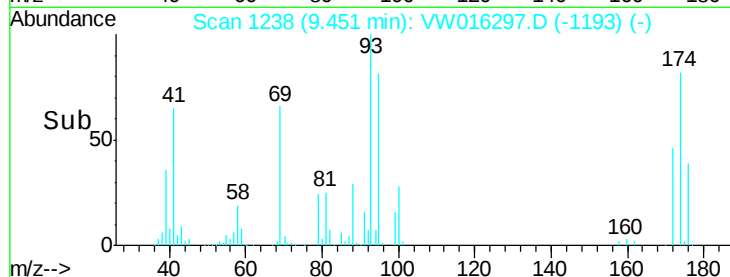
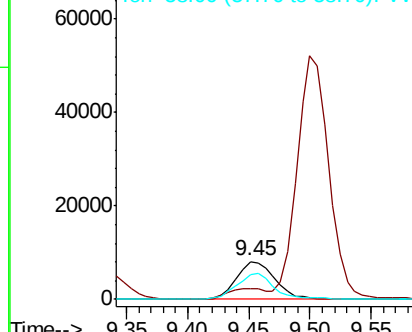
Acq: 21 Aug 2020 11:14

Tot Ion: 88 Resp: 17386

Ion	Ratio	Lower	Upper
88	100		
43	27.2	0.0	0.0#
58	68.7	56.6	84.8



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: 49.993 ug/l

RT: 10.32 min Scan# 1381

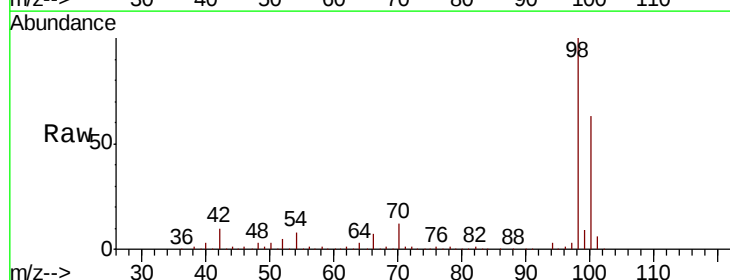
Delta R.T. 0.00 min

Lab File: VW016297.D

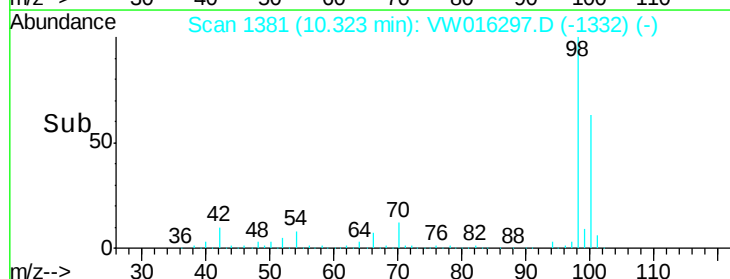
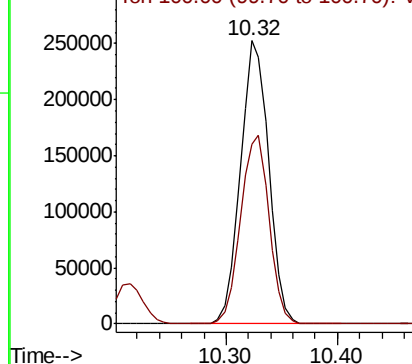
Acq: 21 Aug 2020 11:14

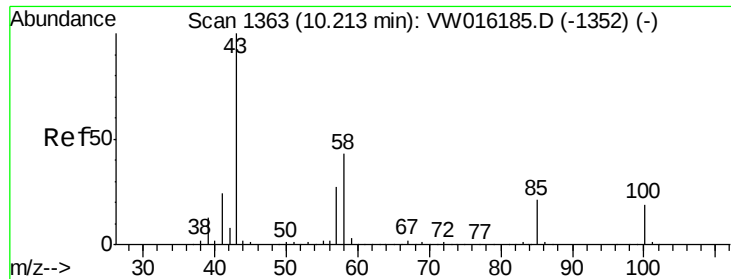
Tgt Ion: 98 Resp: 443959

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.5	80.3



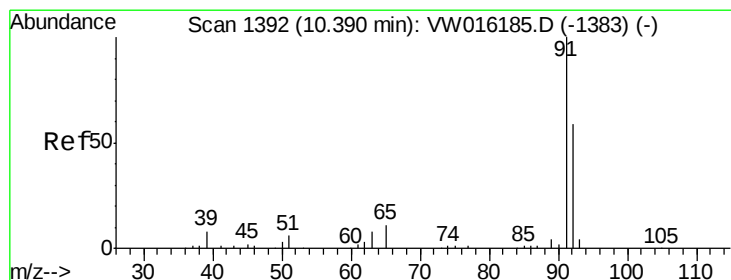
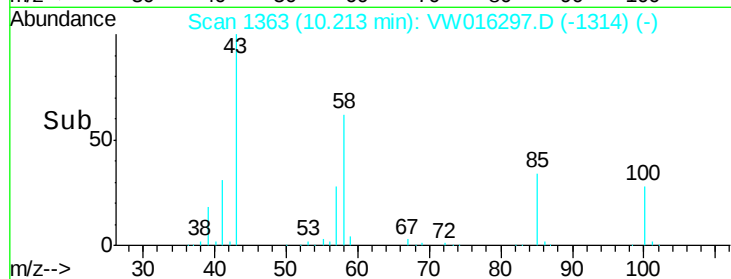
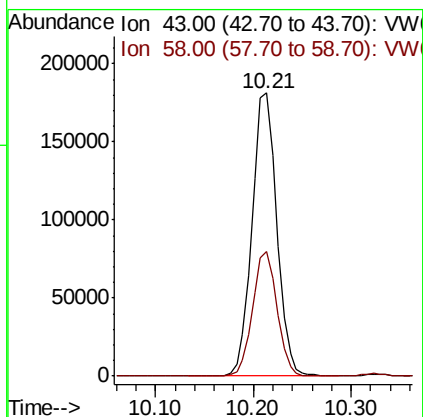
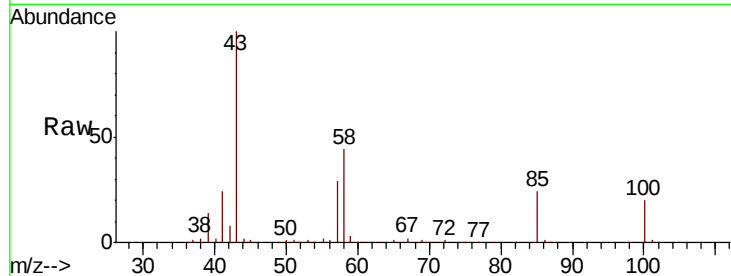
Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





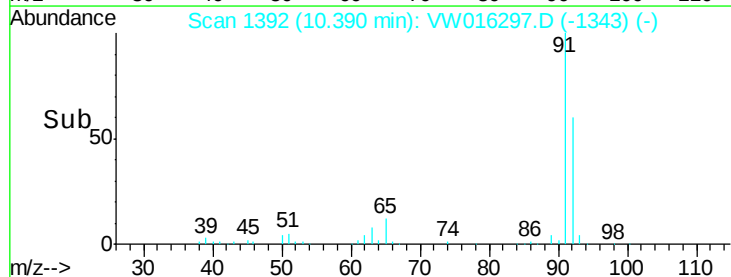
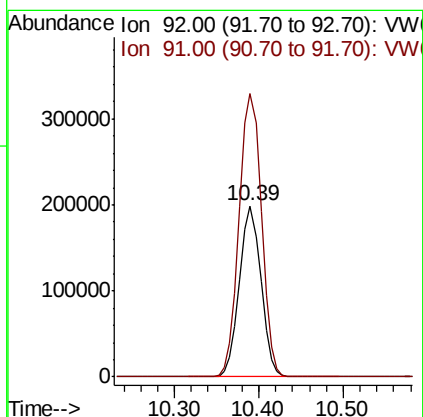
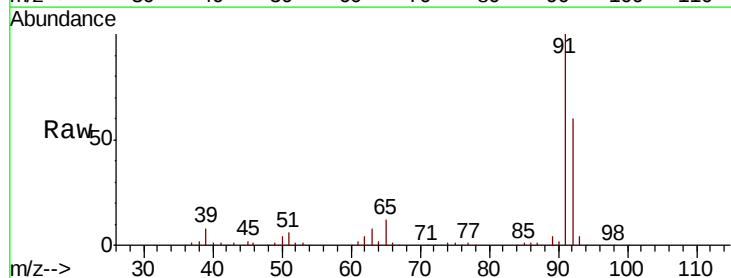
#51
4-Methyl-2-Pentanone
Concen: 267.117 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

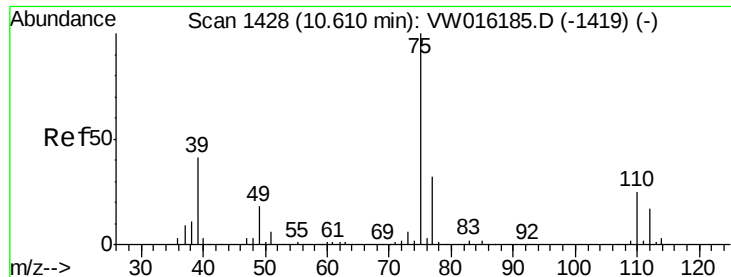
Tot Ion: 43 Resp: 319205
Ion Ratio Lower Upper
43 100
58 43.3 33.7 50.5



#52
Toluene
Concen: 51.588 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

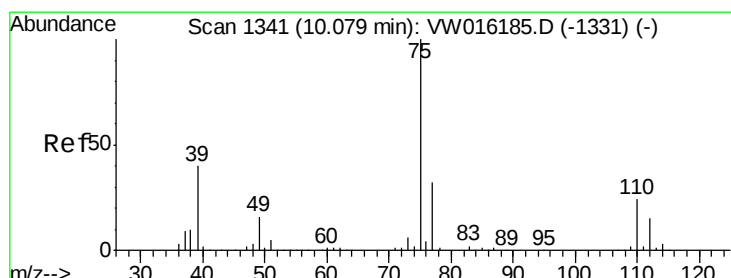
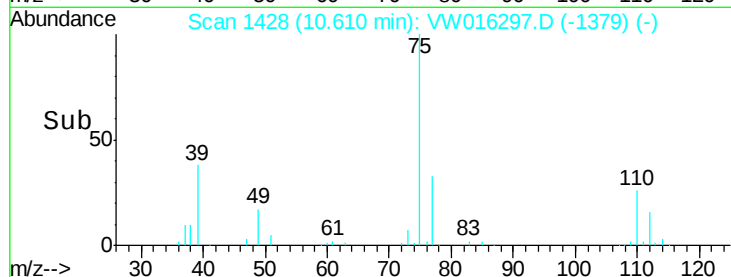
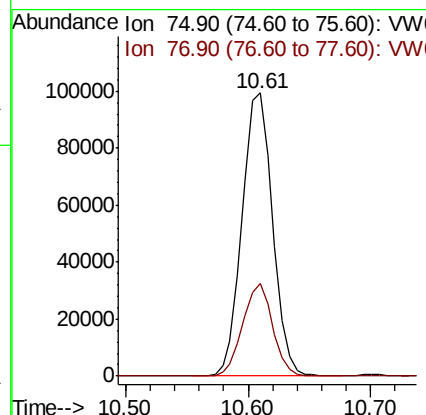
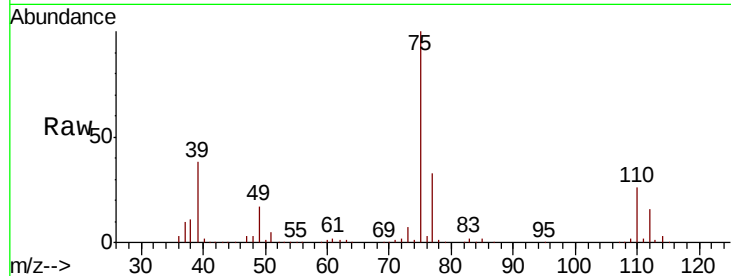
Tgt Ion: 92 Resp: 340407
Ion Ratio Lower Upper
92 100
91 172.5 133.3 199.9





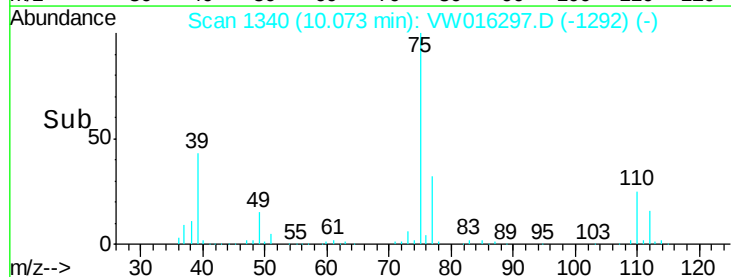
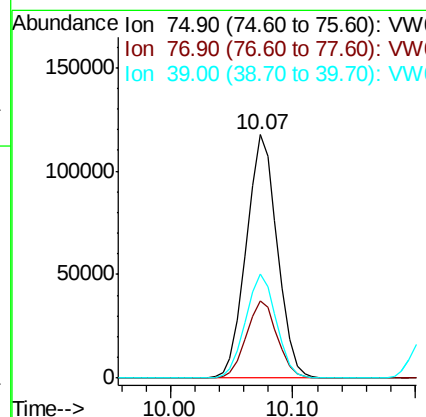
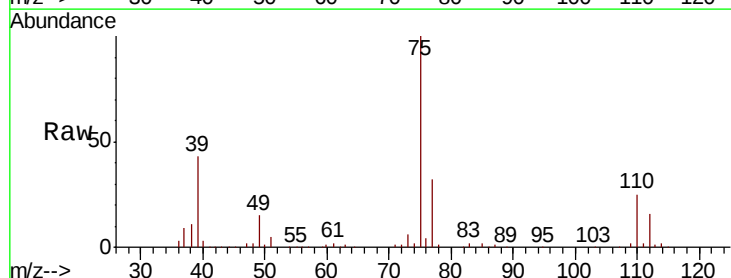
#53
 t-1,3-Dichloropropene
 Concen: 56.357 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

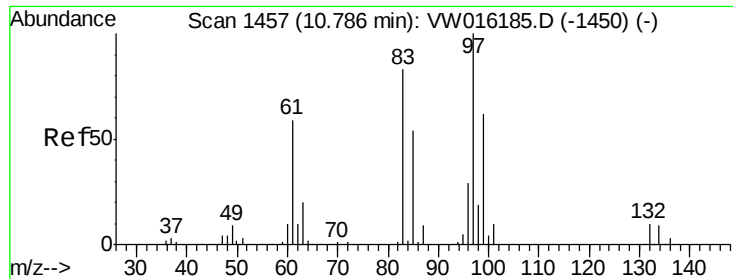
Tot Ion: 75 Resp: 171931
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.601 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

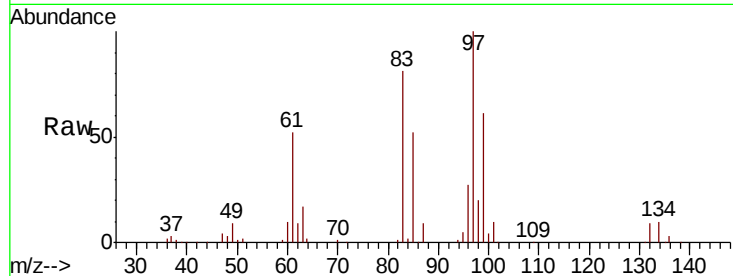
Tgt Ion: 75 Resp: 207025
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 42.7 32.3 48.5





#55
 1,1,2-Trichloroethane
 Concen: 52.590 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tot Ion:	97	Resp:	96231
Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.6	100.0
85	51.5	43.0	64.4
99	61.1	49.4	74.2



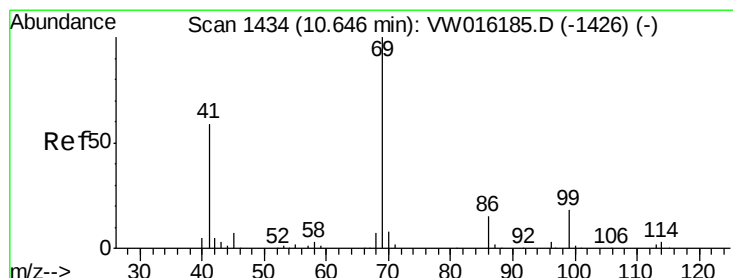
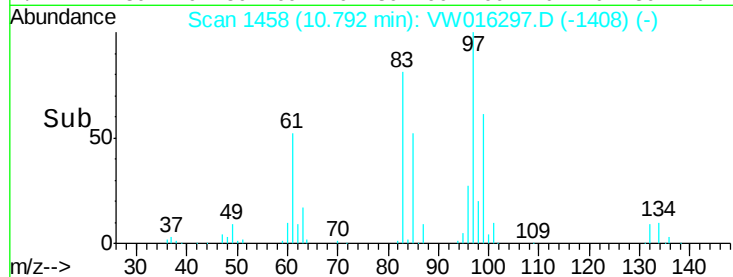
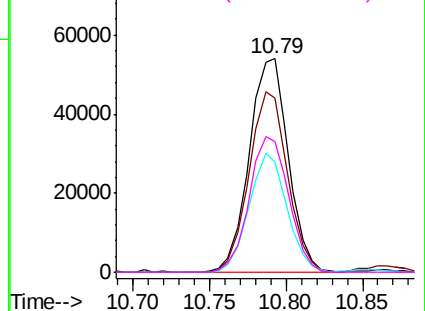
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

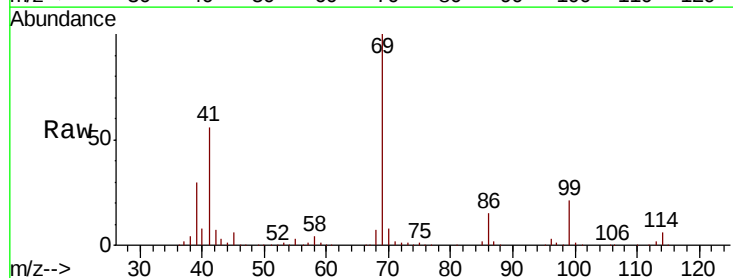
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 58.547 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion:	69	Resp:	122171
Ion	Ratio	Lower	Upper
69	100		
41	58.0	47.6	71.4
39	29.6	24.6	36.8

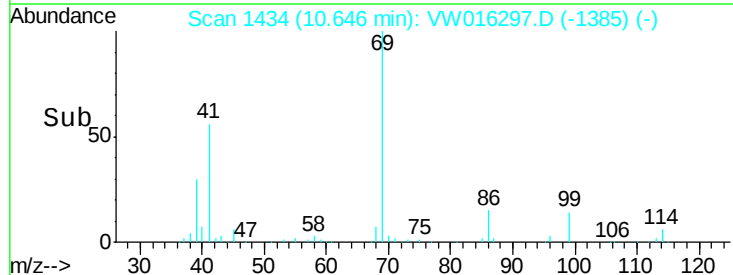
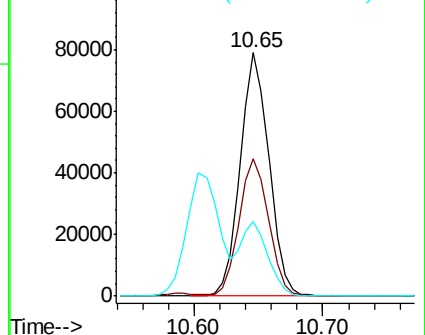


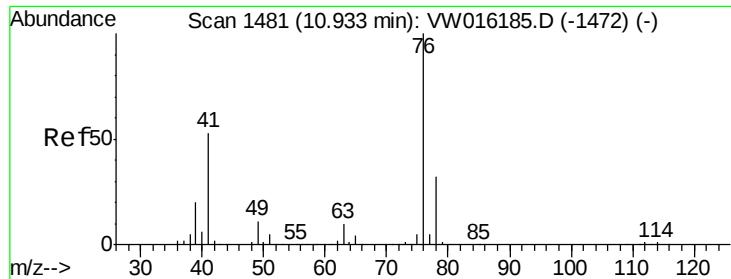
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

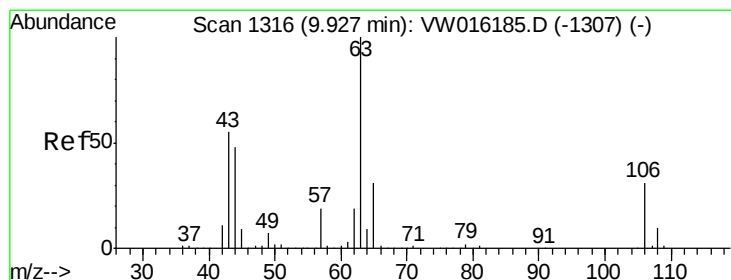
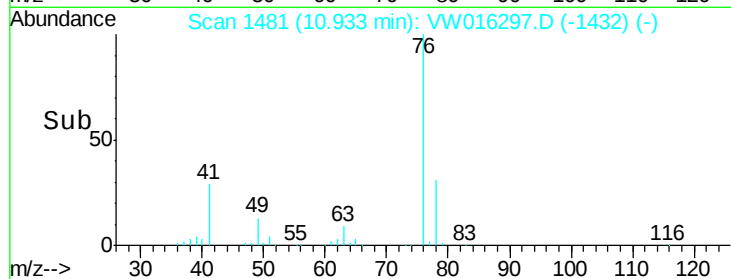
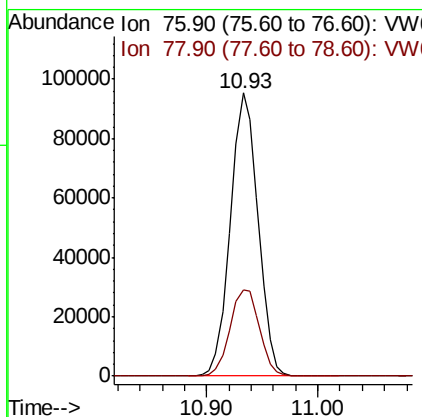
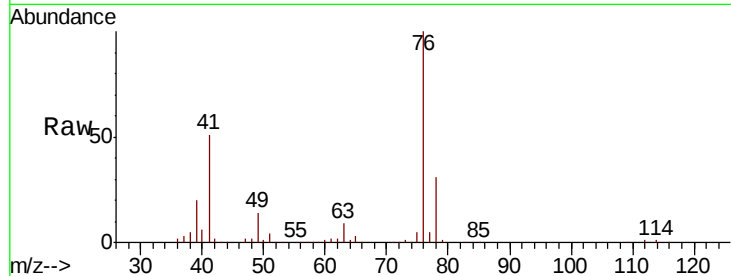
Ion 39.00 (38.70 to 39.70): VW





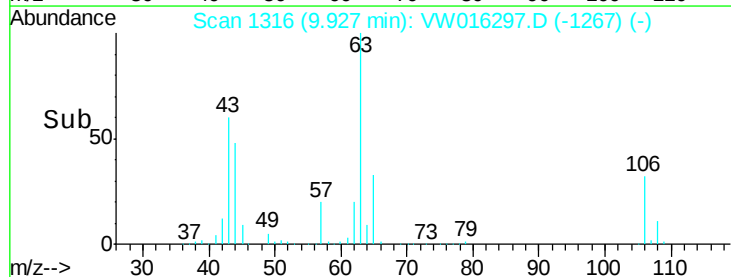
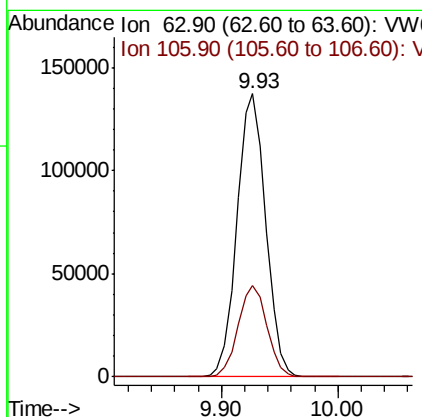
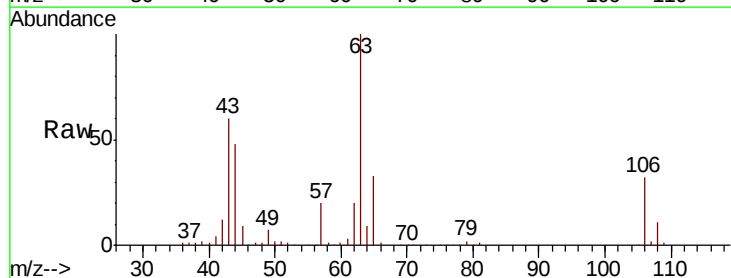
#57
 1,3-Dichloropropane
 Concen: 52.613 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

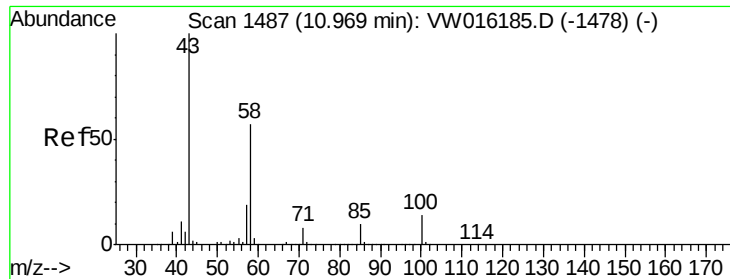
Tot Ion: 76 Resp: 163799
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.929 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

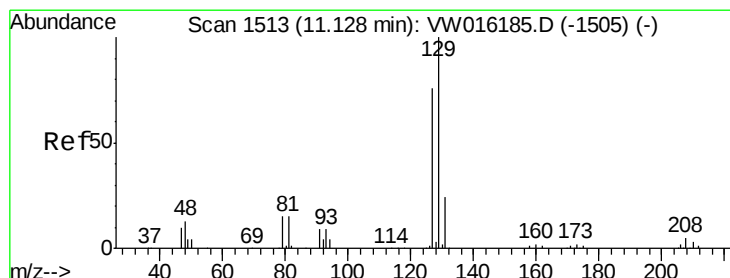
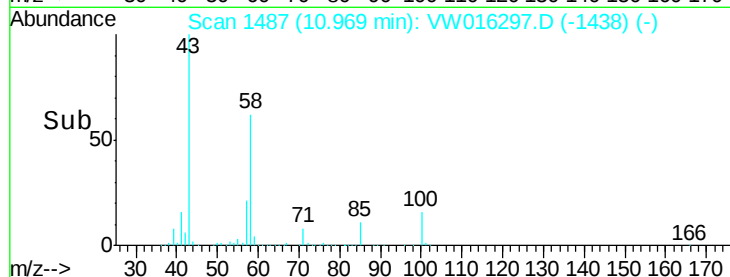
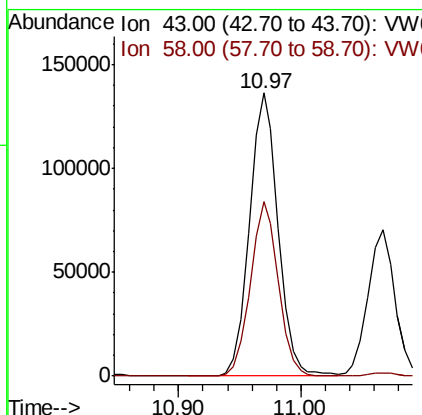
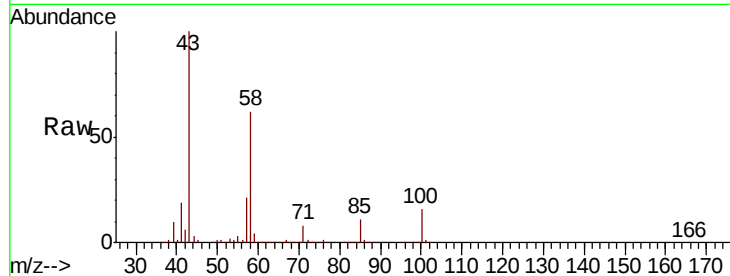
Tgt Ion: 63 Resp: 236831
 Ion Ratio Lower Upper
 63 100
 106 32.3 24.9 37.3





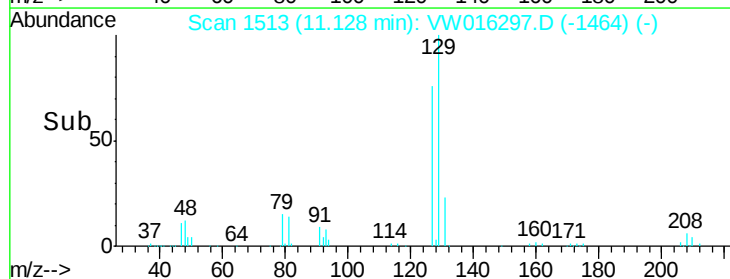
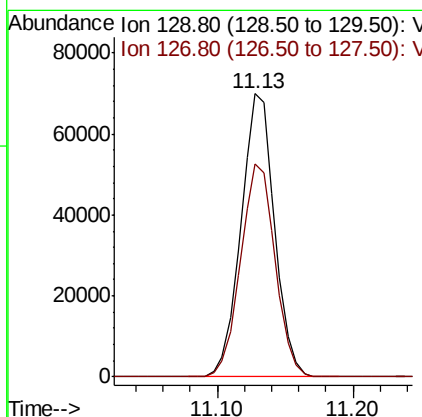
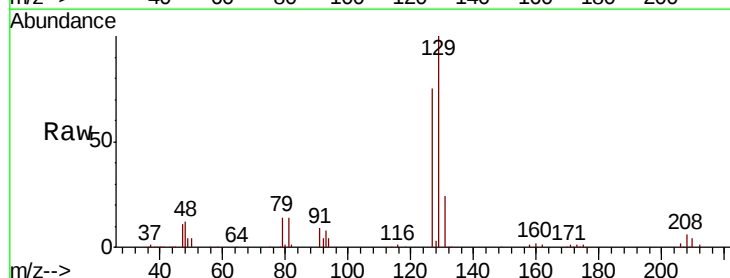
#59
2-Hexanone
Concen: 271.606 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

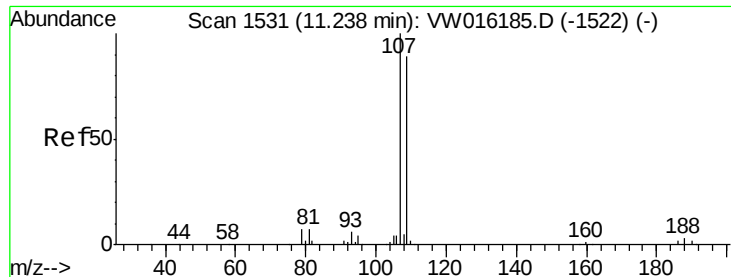
Tot Ion: 43 Resp: 222040
Ion Ratio Lower Upper
43 100
58 60.1 28.8 86.5



#60
Dibromochloromethane
Concen: 55.167 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

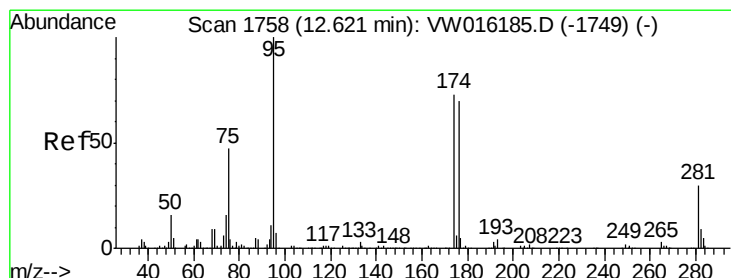
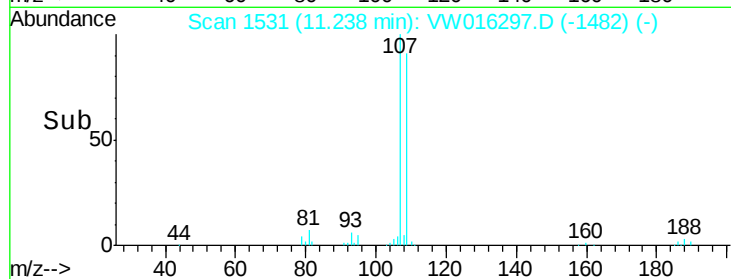
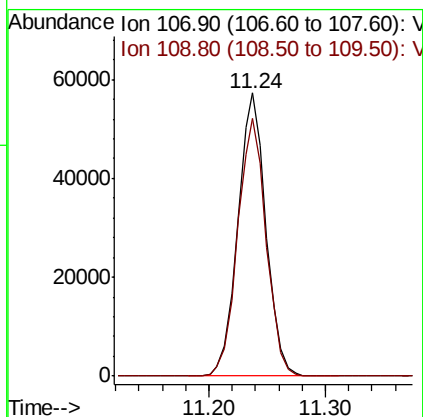
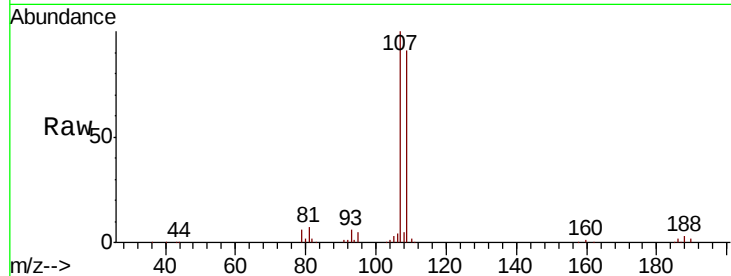
Tgt Ion: 129 Resp: 120087
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8





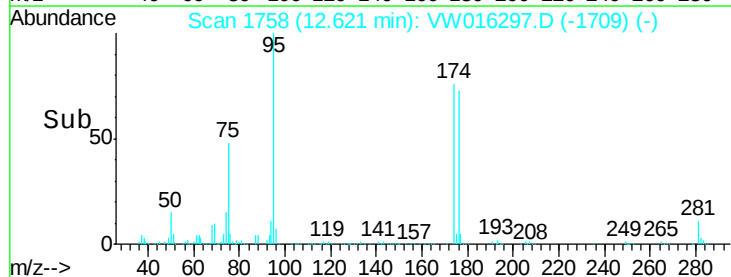
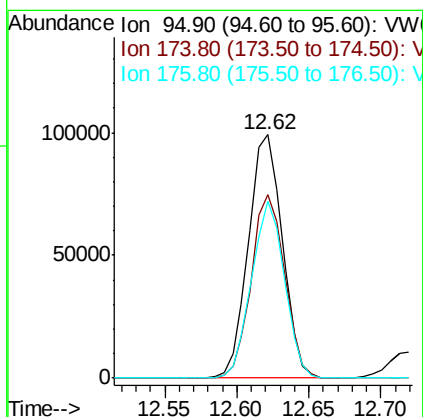
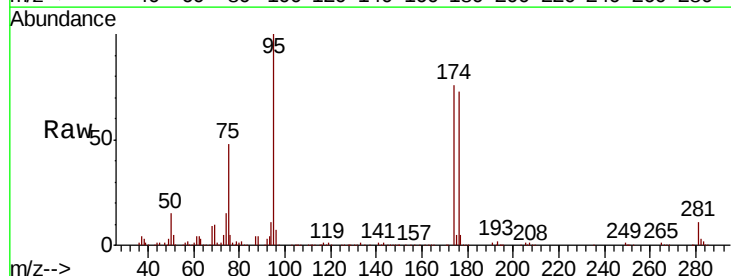
#61
 1,2-Dibromoethane
 Concen: 54.286 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

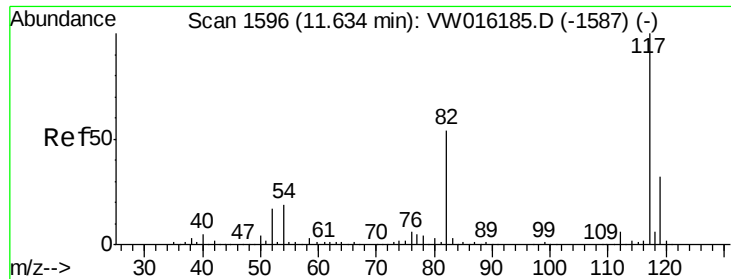
Tot Ion:107 Resp: 95624
 Ion Ratio Lower Upper
 107 100
 109 92.6 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 50.894 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

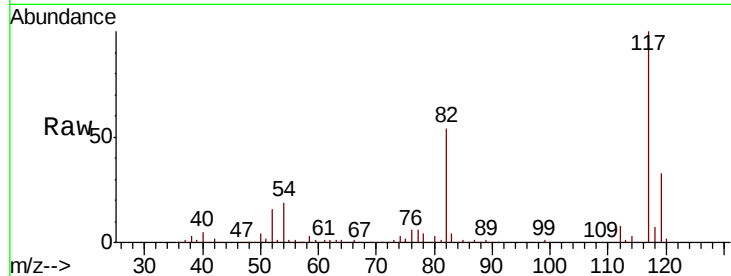
Tgt Ion: 95 Resp: 161554
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 145.6
 176 70.5 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.6	65.4
119	32.6	25.4	38.0

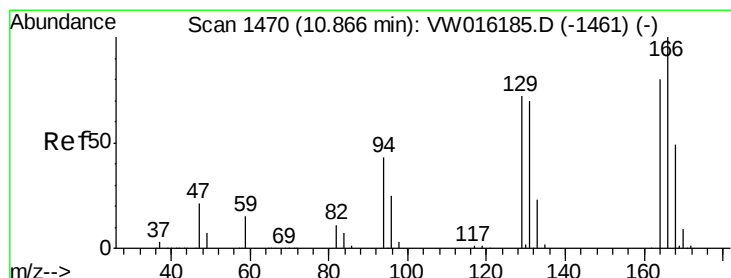
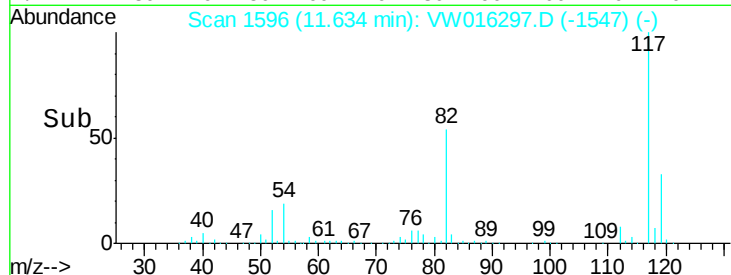
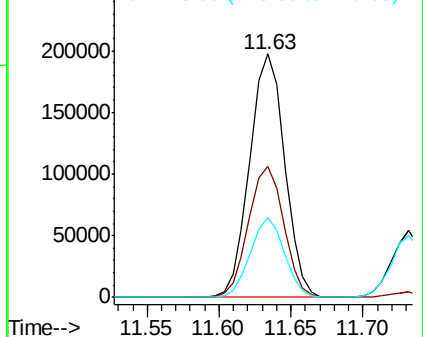


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 54.515 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	100.3	150.5
129	95.4	72.2	108.4
131	92.9	70.7	106.1

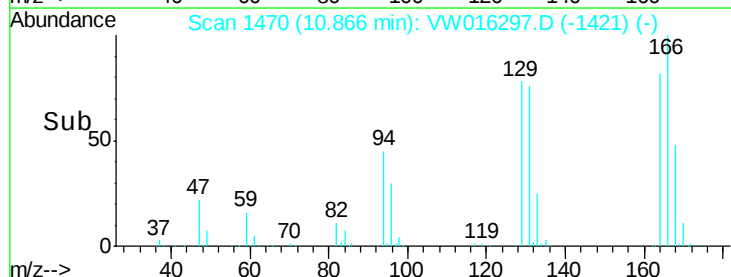
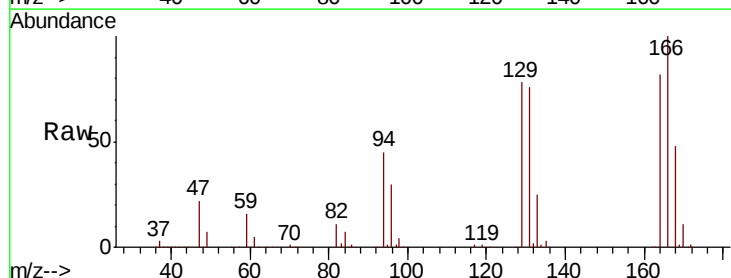
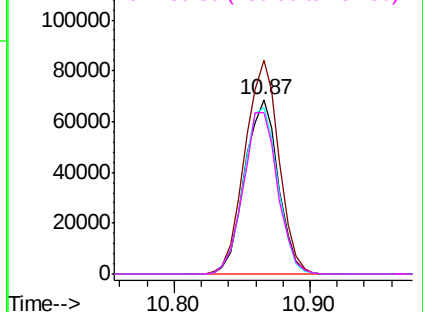
Abundance

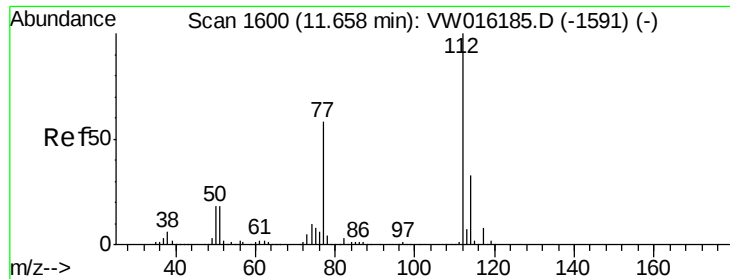
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

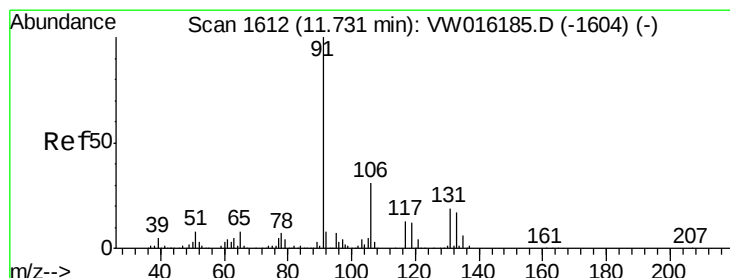
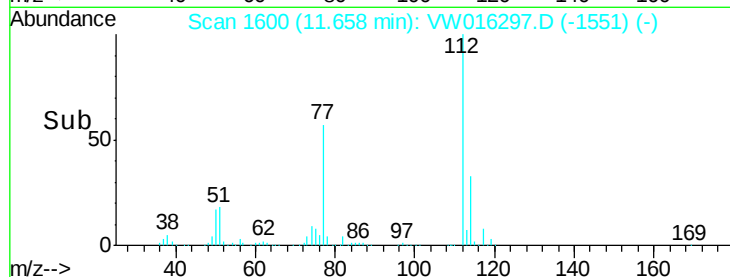
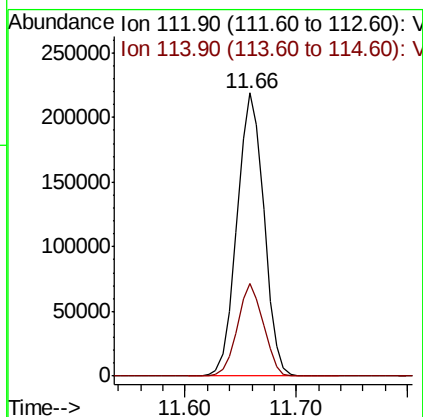
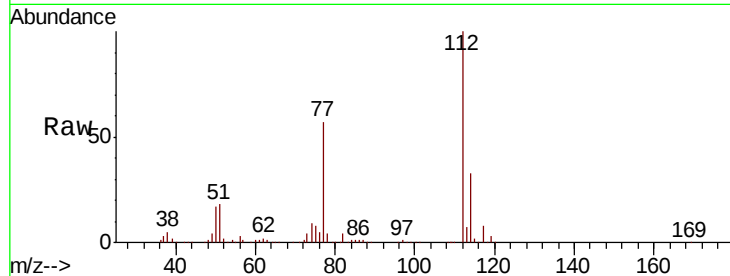
Ion 130.80 (130.50 to 131.50): V





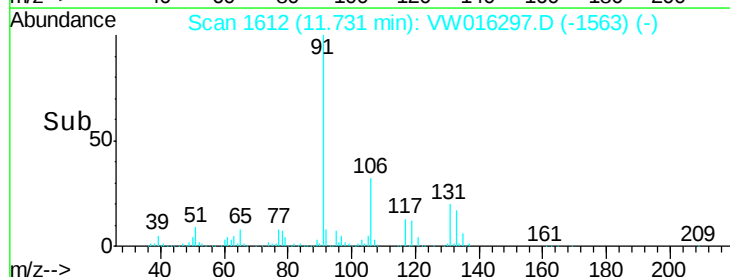
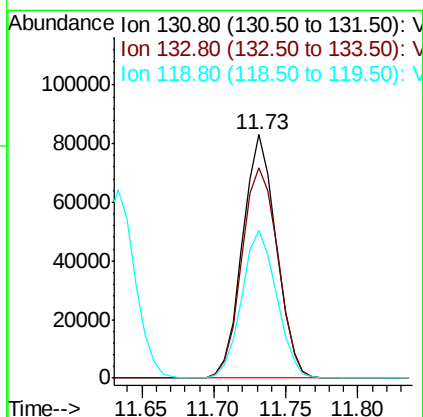
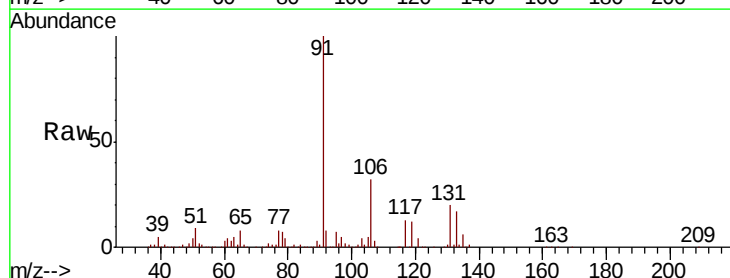
#65
Chlorobenzene
Concen: 53.828 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

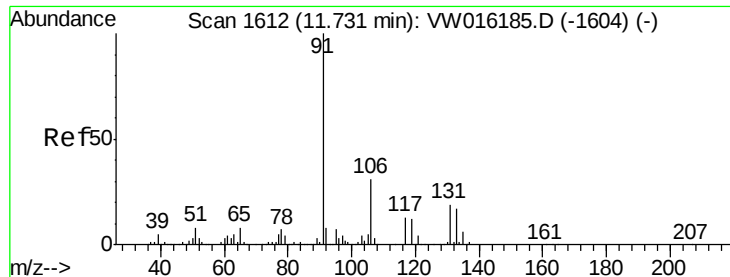
Tot Ion:112 Resp: 365741
Ion Ratio Lower Upper
112 100
114 32.8 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.863 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

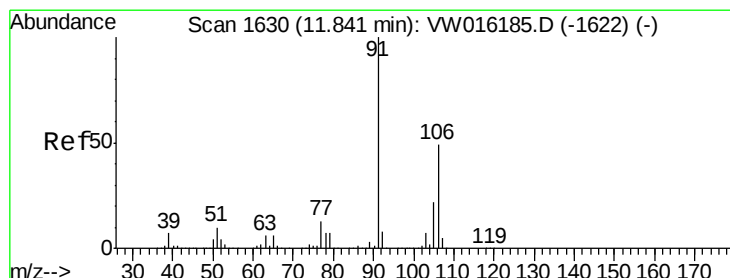
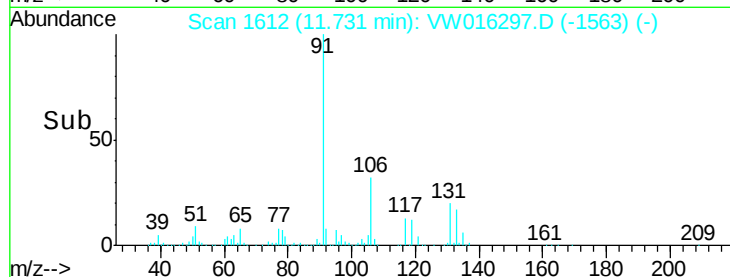
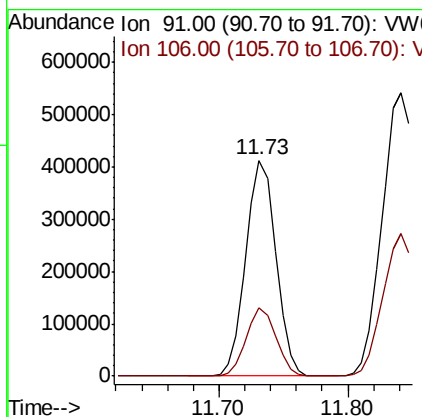
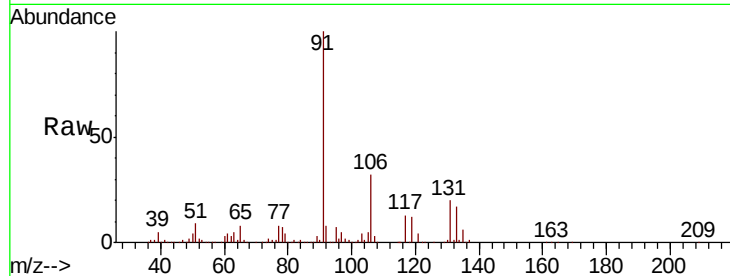
Tgt Ion:131 Resp: 135050
Ion Ratio Lower Upper
131 100
133 92.3 47.1 141.3
119 62.6 33.1 99.3





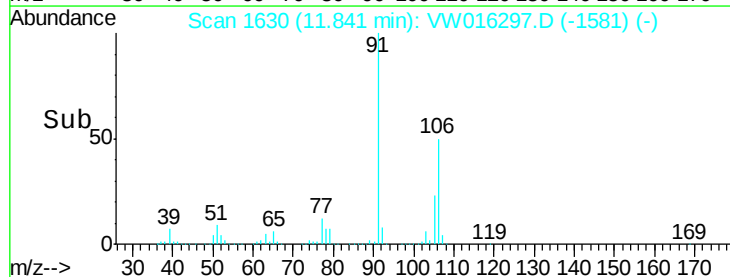
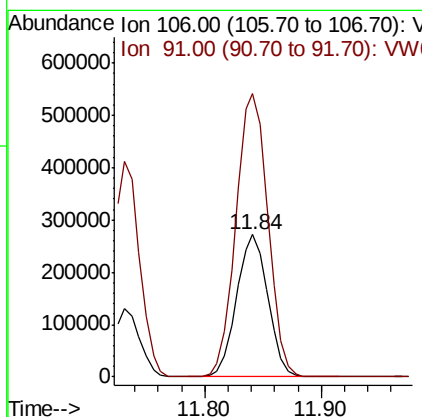
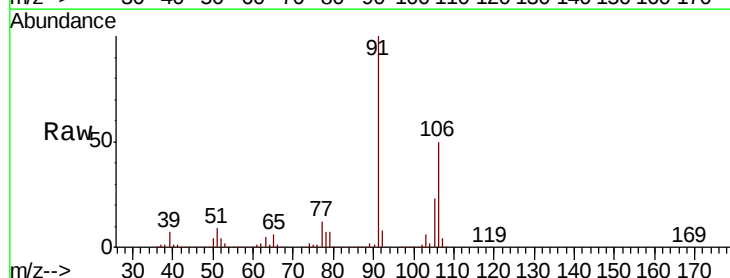
#67
Ethyl Benzene
Concen: 54.662 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

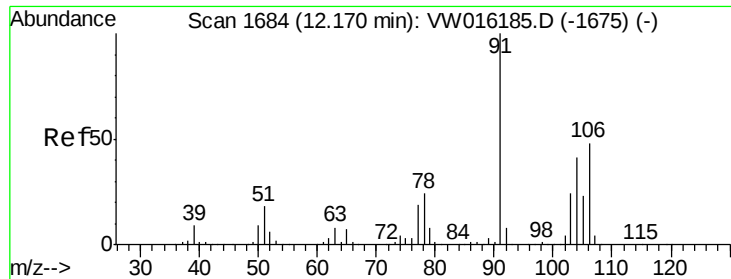
Tot Ion: 91 Resp: 667504
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 107.711 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

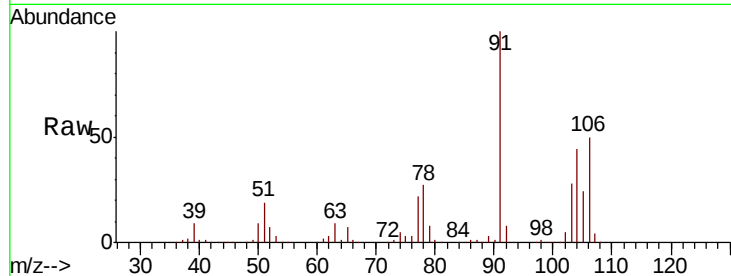
Tgt Ion: 106 Resp: 505565
Ion Ratio Lower Upper
106 100
91 205.3 161.4 242.2



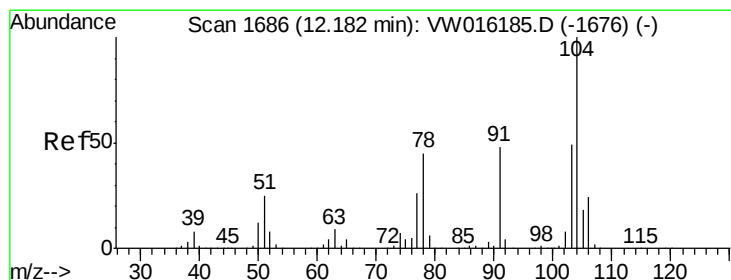
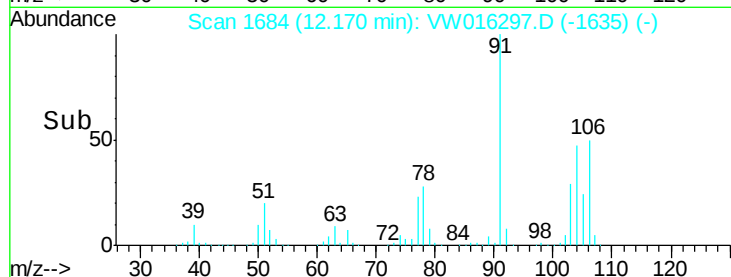
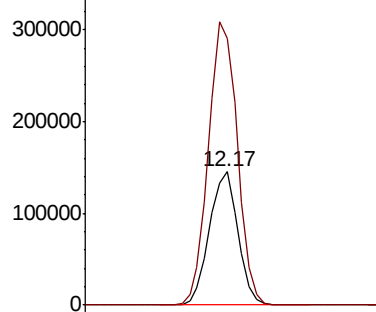


#69
o-Xylene
Concen: 56.001 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tot Ion:106 Resp: 234177
Ion Ratio Lower Upper
106 100
91 215.8 106.0 317.9

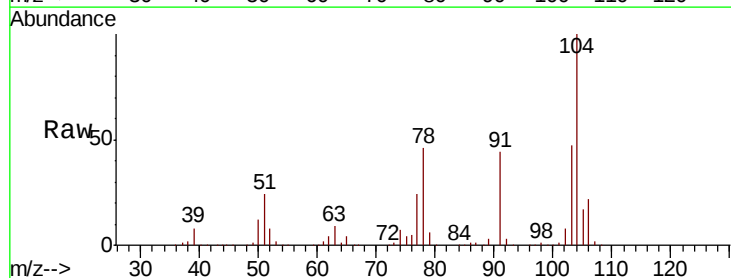


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

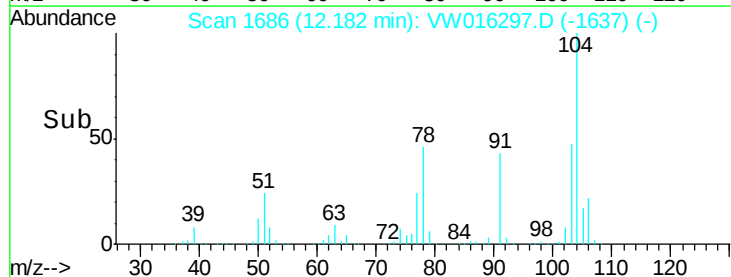
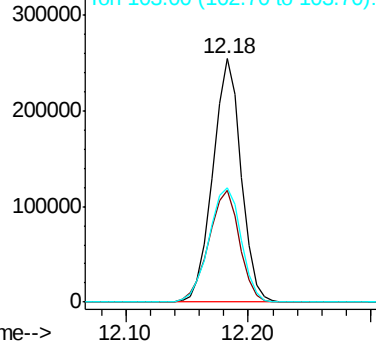


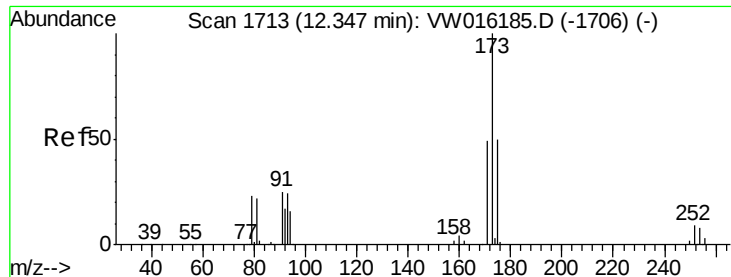
#70
Styrene
Concen: 56.465 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion:104 Resp: 408581
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 53.4 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 59.857 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

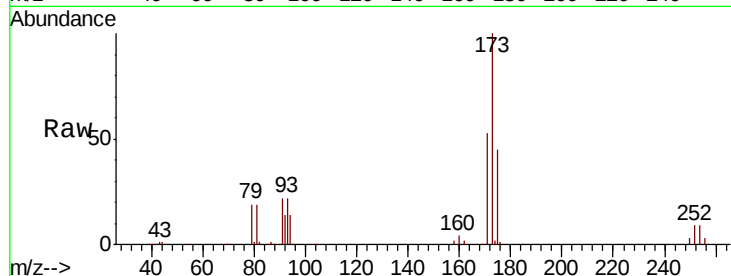
Tot Ion:173 Resp: 63623

Ion Ratio Lower Upper

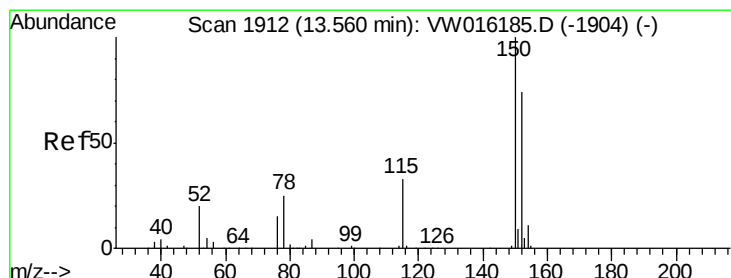
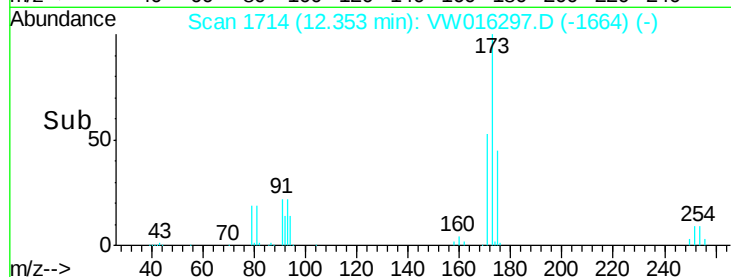
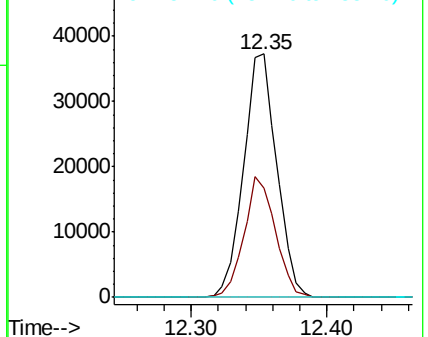
173 100

175 46.9 24.7 74.1

254 0.0 0.0 0.0



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

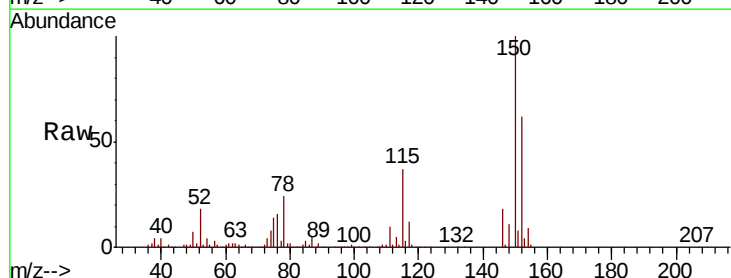
Tgt Ion:152 Resp: 154061

Ion Ratio Lower Upper

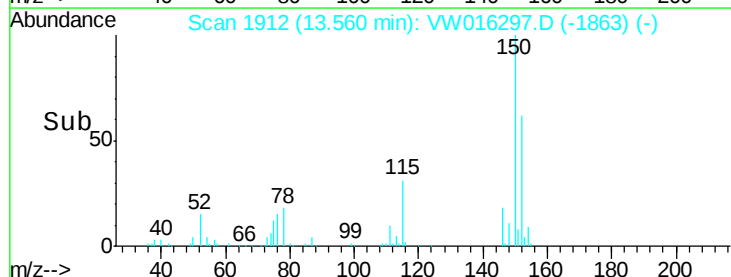
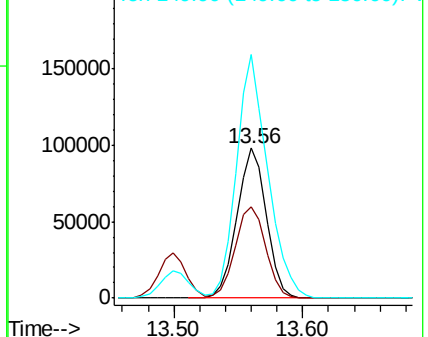
152 100

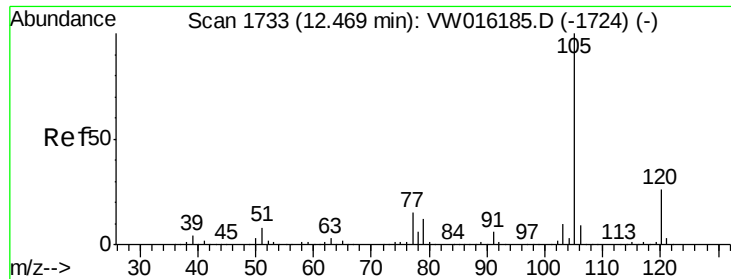
115 63.9 30.9 92.5

150 173.6 0.0 337.8



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: 56.026 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016297.D

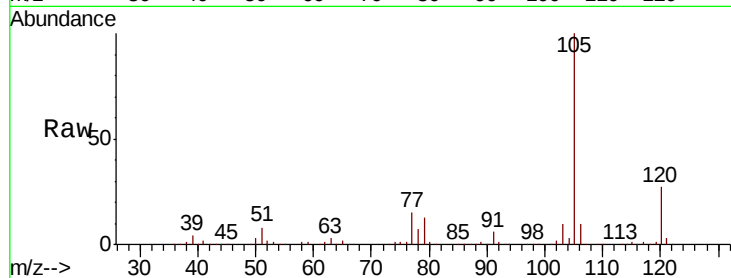
Acq: 21 Aug 2020 11:14

Tot Ion: 105 Resp: 657745

Ion Ratio Lower Upper

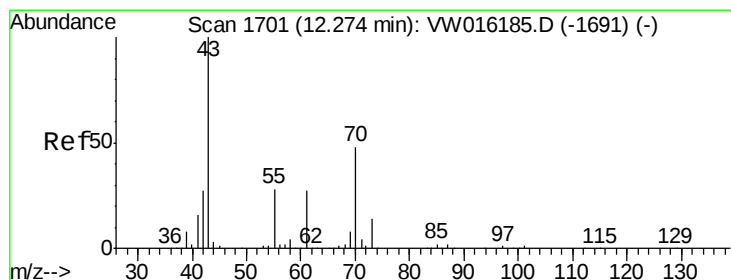
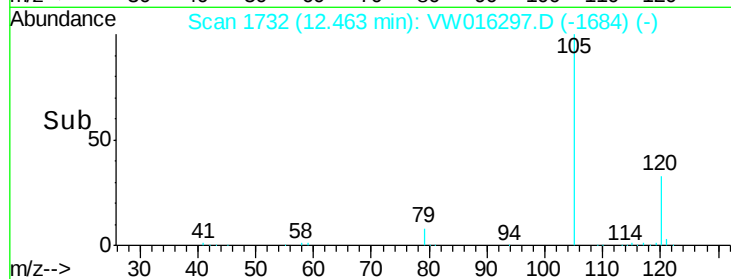
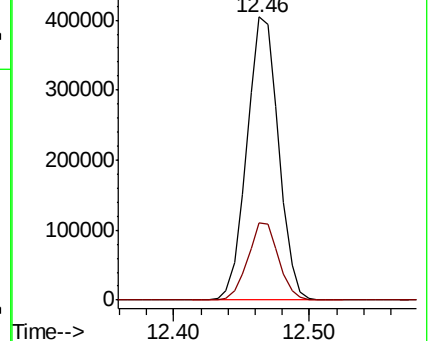
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.828 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

Tgt Ion: 43 Resp: 117375

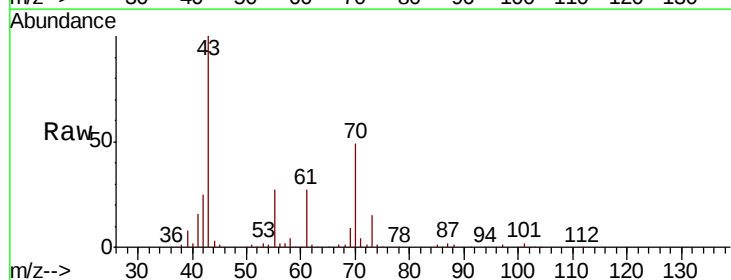
Ion Ratio Lower Upper

43 100

70 49.0 38.6 58.0

55 26.9 22.2 33.2

61 27.0 21.3 31.9

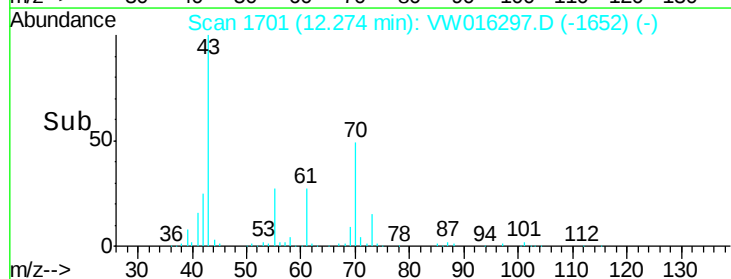
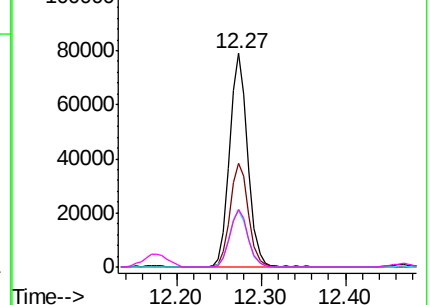


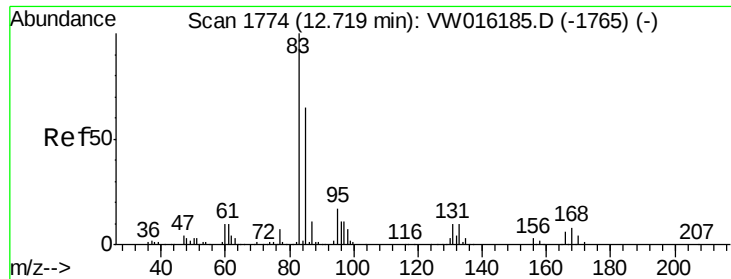
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 53.611 ug/l

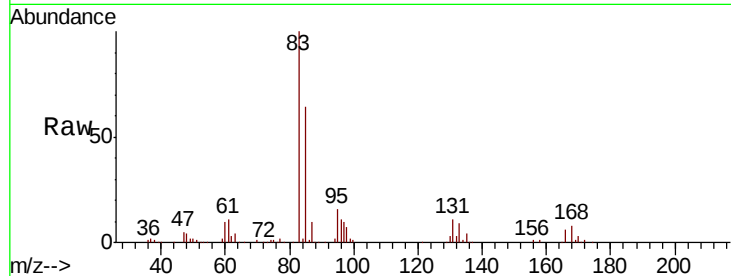
RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

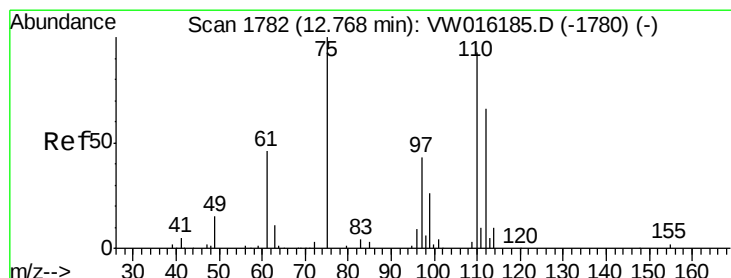
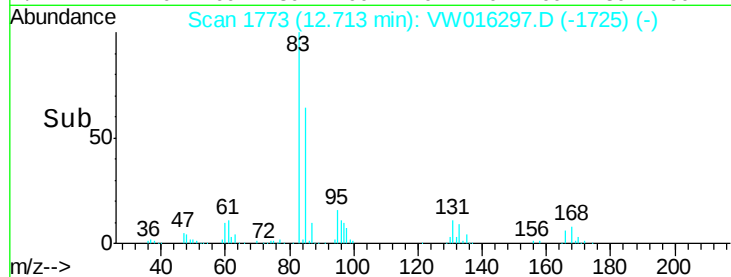
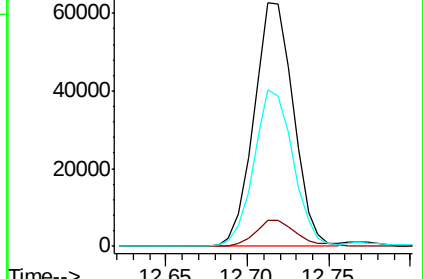
Tot Ion:	83	Resp:	105315
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.6	16.8
85	63.7	31.3	93.9



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: 94.887 ug/l

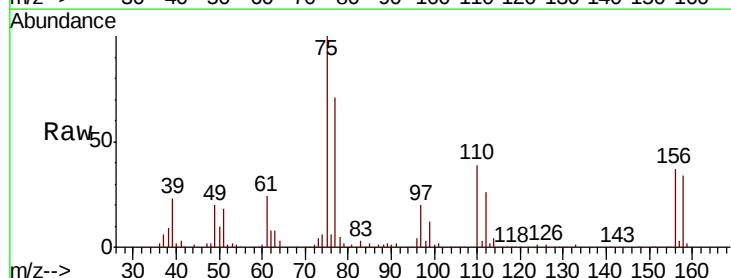
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016297.D

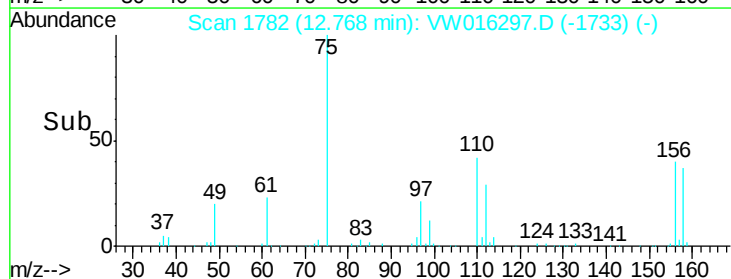
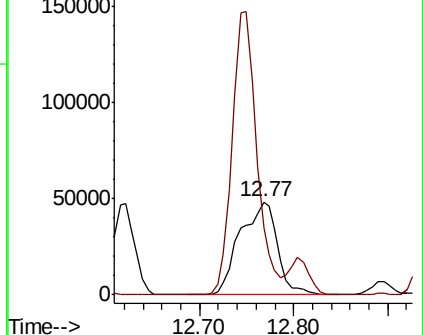
Acq: 21 Aug 2020 11:14

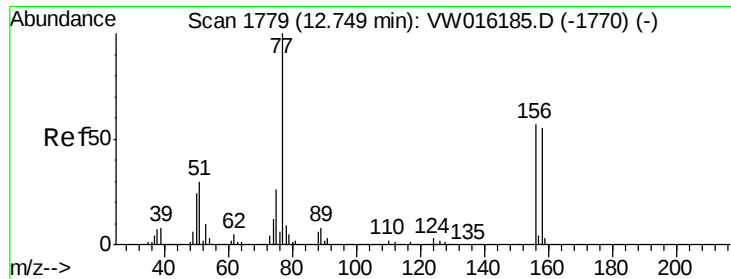
Tgt Ion:	75	Resp:	134441
Ion	Ratio	Lower	Upper
75	100		
77	200.0	173.6	520.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 57.125 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

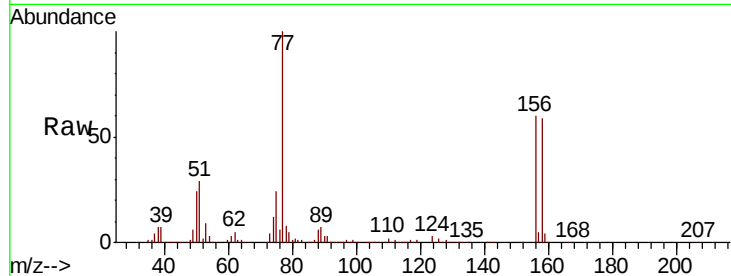
Tot Ion:156 Resp: 148336

Ion Ratio Lower Upper

156 100

77 181.3 97.9 293.6

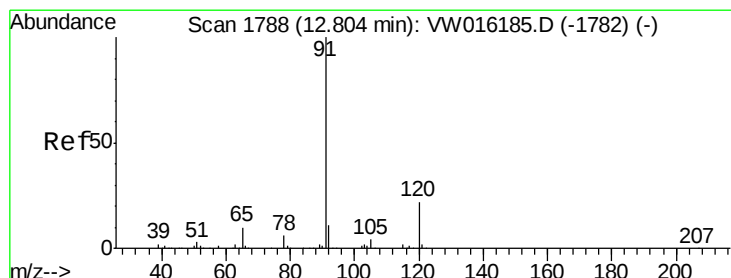
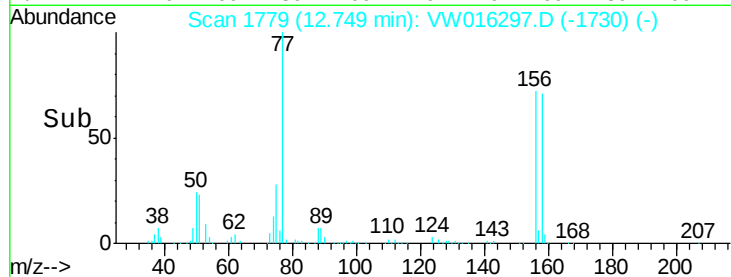
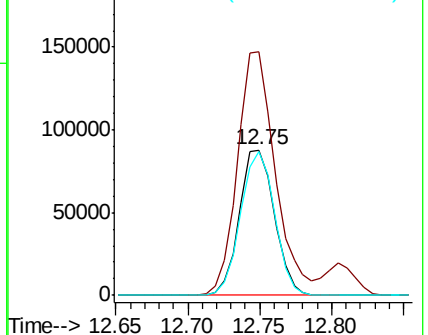
158 96.1 49.0 147.2



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



#78

n-propylbenzene

Concen: 54.896 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016297.D

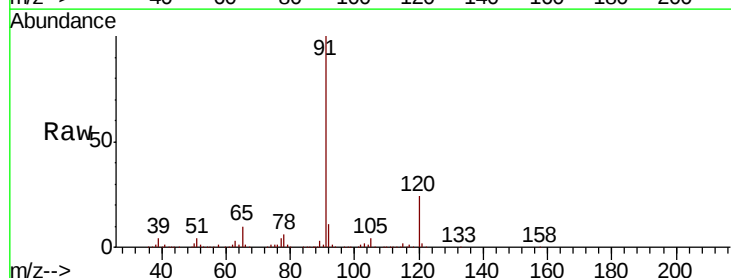
Acq: 21 Aug 2020 11:14

Tgt Ion: 91 Resp: 769263

Ion Ratio Lower Upper

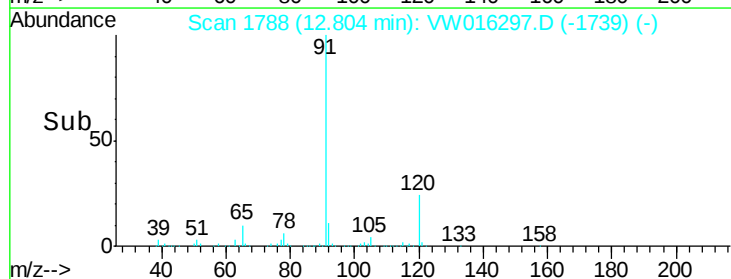
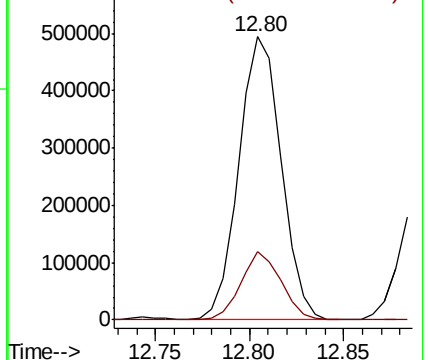
91 100

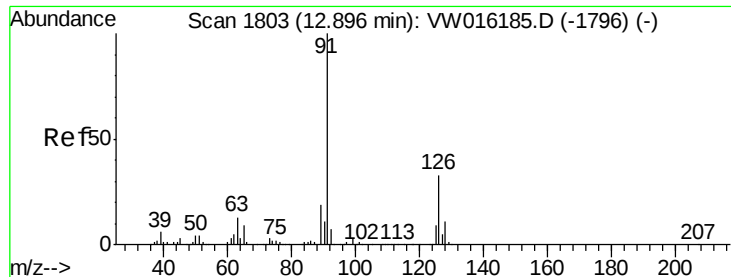
120 22.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

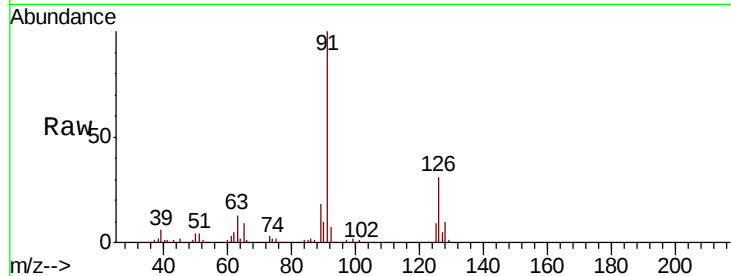
Ion 120.00 (119.70 to 120.70): V



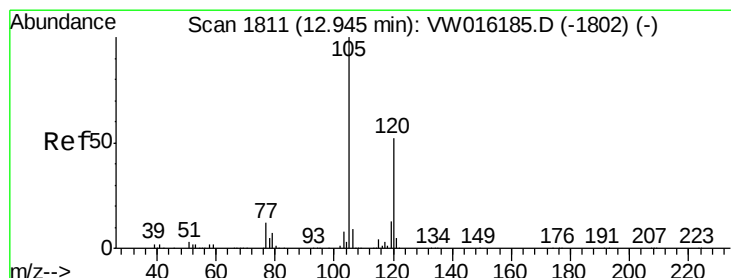
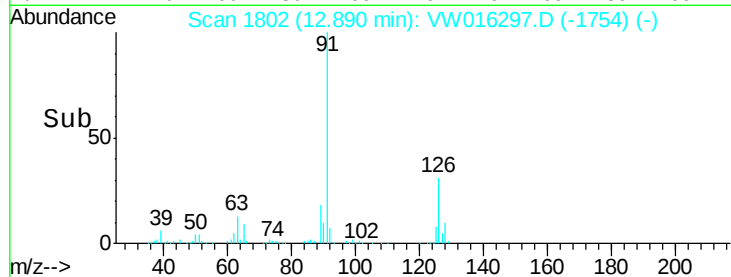
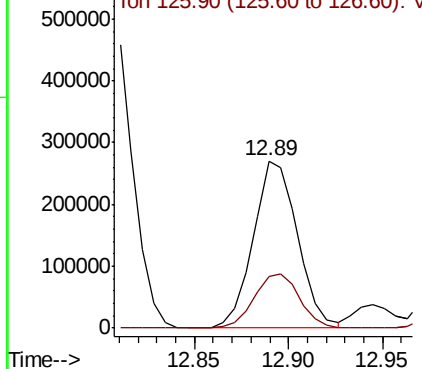


#79
 2-Chlorotoluene
 Concen: 54.319 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tot Ion: 91 Resp: 439703
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.2

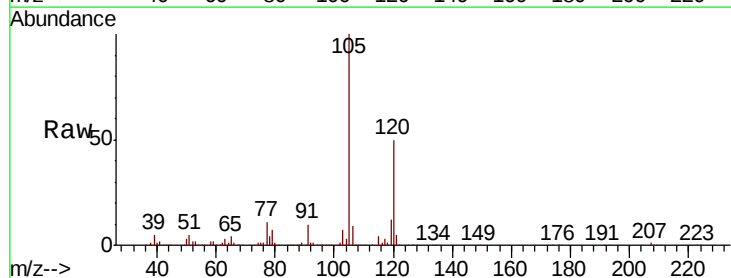


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

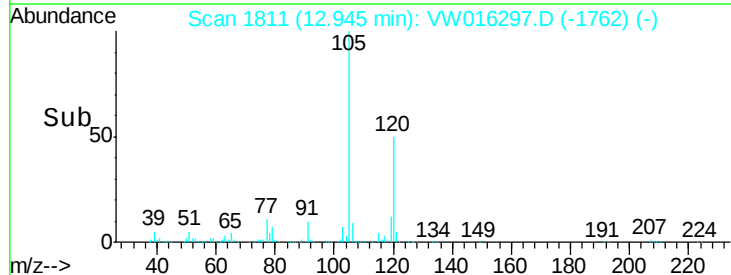
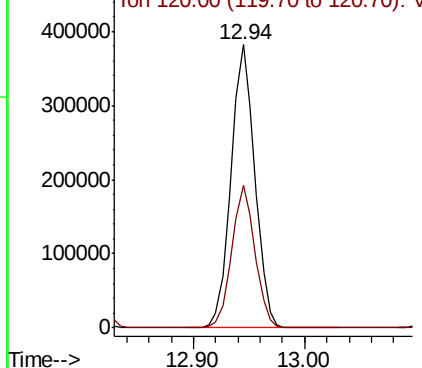


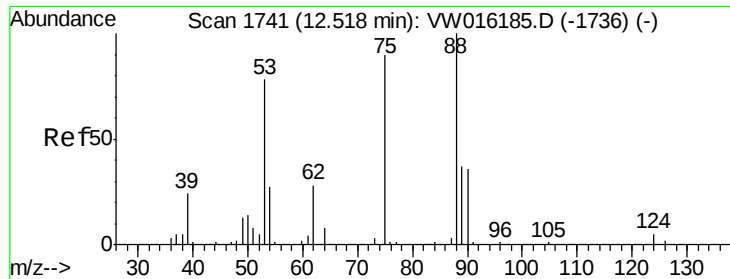
#80
 1,3,5-Trimethylbenzene
 Concen: 55.884 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion:105 Resp: 563188
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.1 75.2



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: 57.901 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

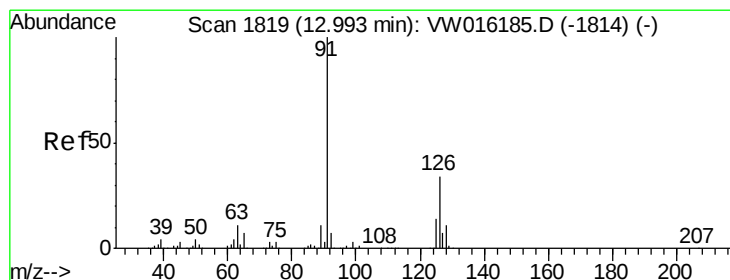
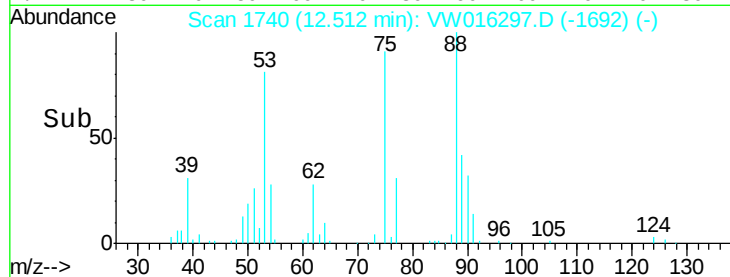
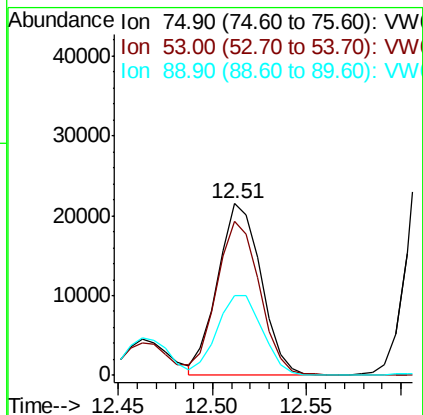
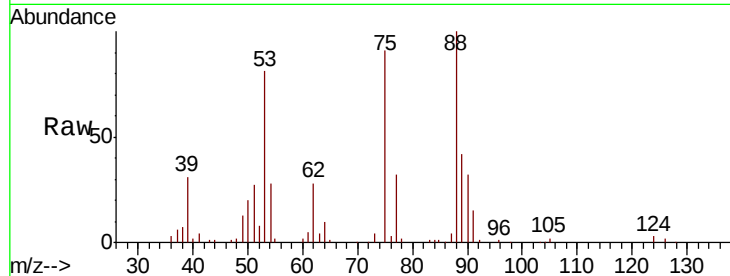
Tot Ion: 75 Resp: 34202

Ion Ratio Lower Upper

75 100

53 90.9 74.6 111.8

89 49.2 37.2 55.8



#82

4-Chlorotoluene

Concen: 53.857 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW016297.D

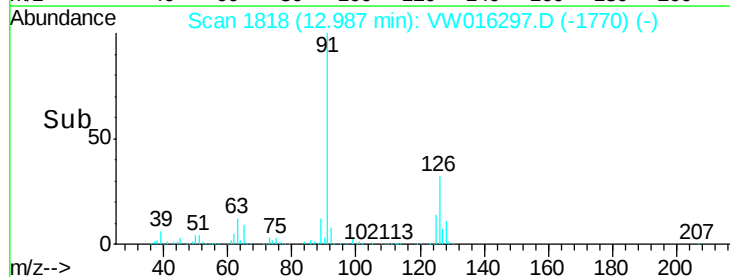
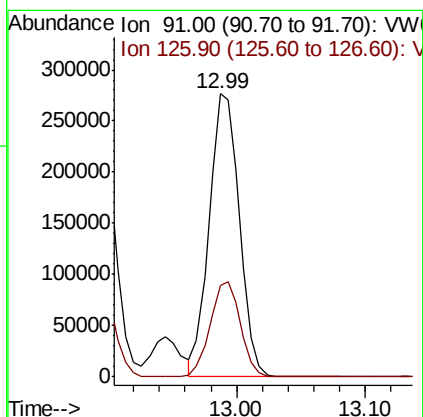
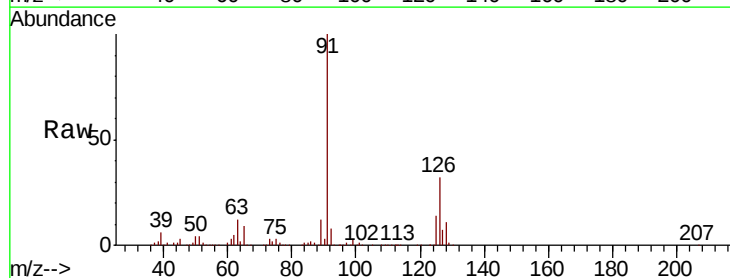
Acq: 21 Aug 2020 11:14

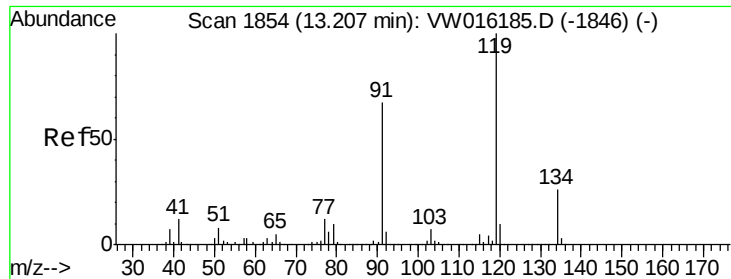
Tgt Ion: 91 Resp: 453861

Ion Ratio Lower Upper

91 100

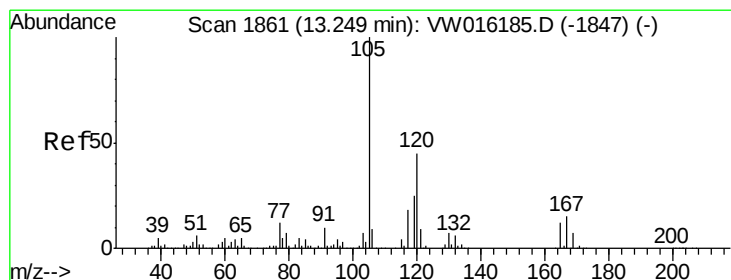
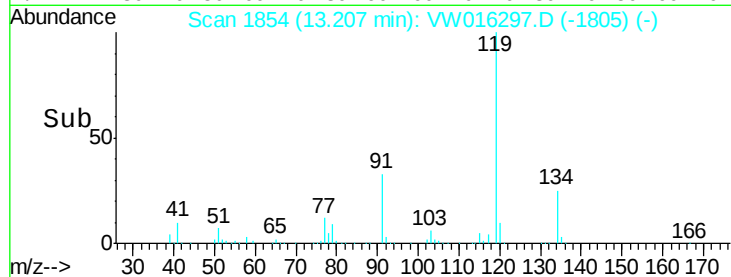
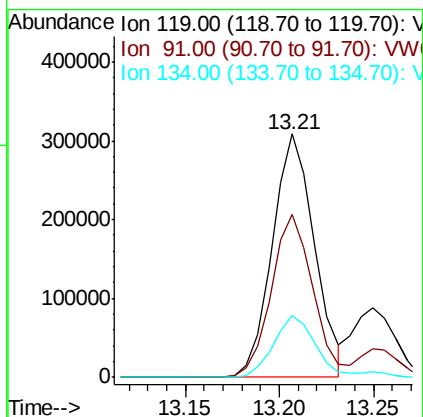
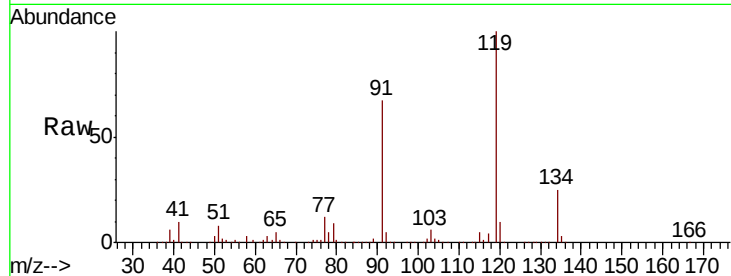
126 33.7 16.6 49.8





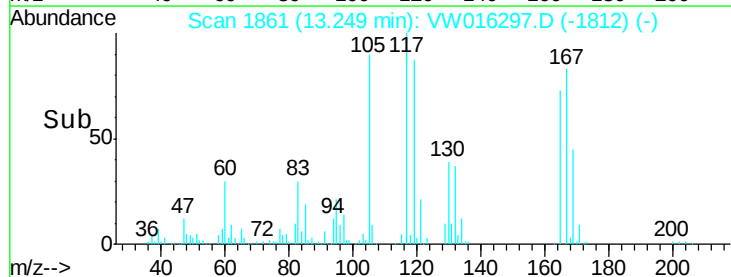
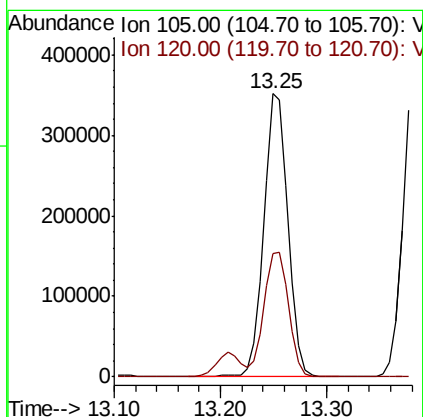
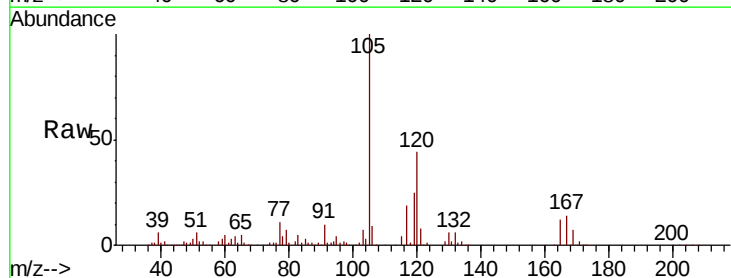
#83
tert-Butylbenzene
Concen: 57.892 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

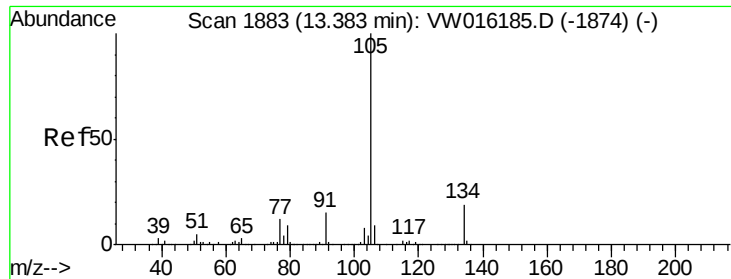
Tot Ion:119 Resp: 478155
Ion Ratio Lower Upper
119 100
91 66.4 33.3 99.9
134 24.8 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 55.988 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion:105 Resp: 558342
Ion Ratio Lower Upper
105 100
120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 55.583 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016297.D

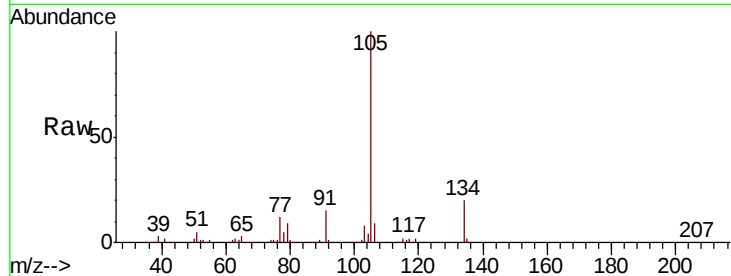
Acq: 21 Aug 2020 11:14

Tot Ion:105 Resp: 667234

Ion Ratio Lower Upper

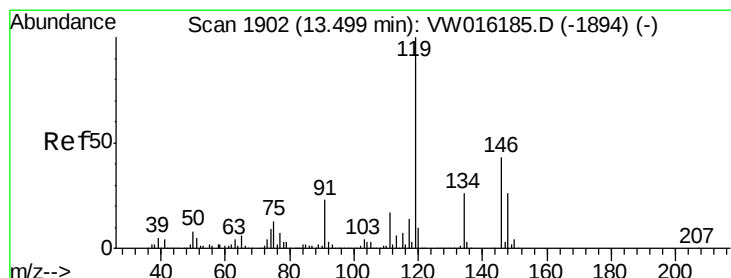
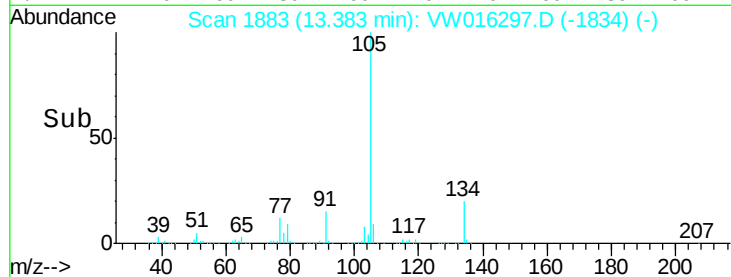
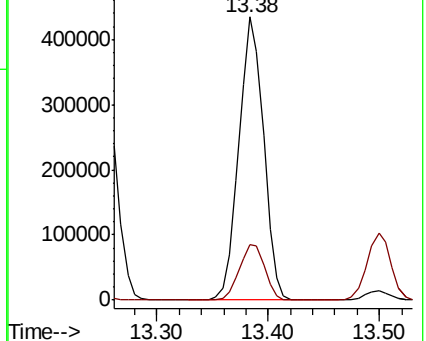
105 100

134 20.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.334 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016297.D

Acq: 21 Aug 2020 11:14

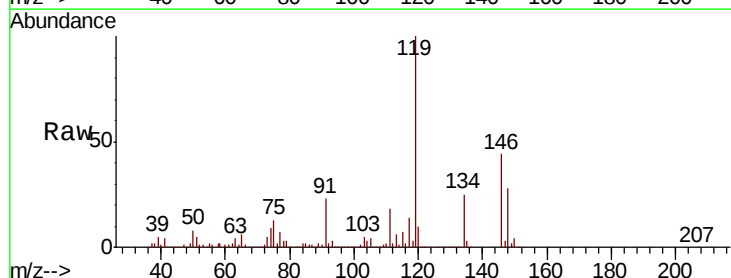
Tgt Ion:119 Resp: 611641

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

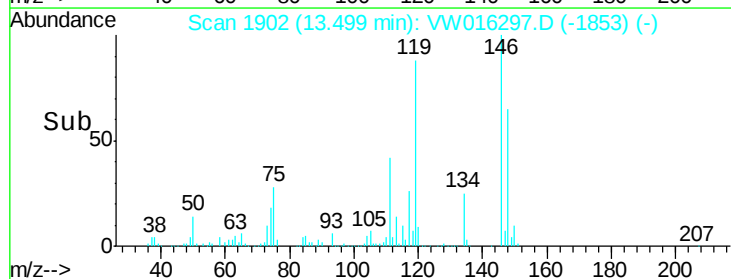
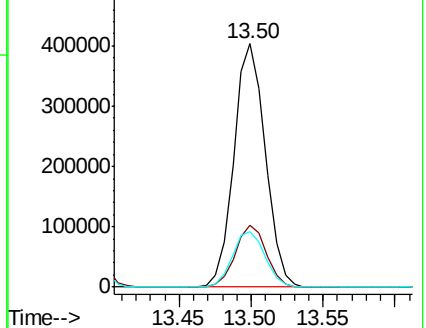
91 23.6 11.8 35.3

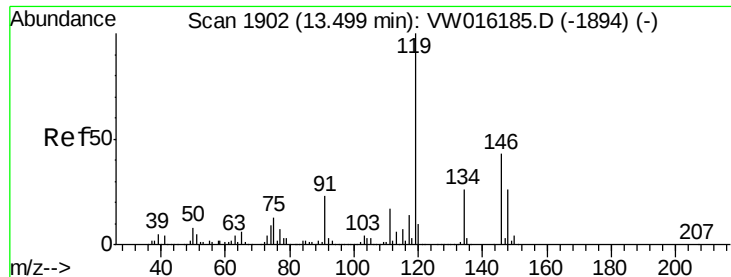


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

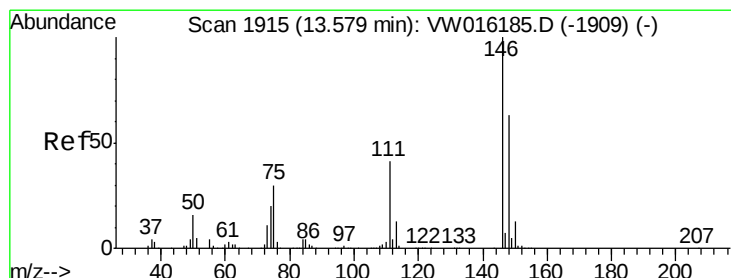
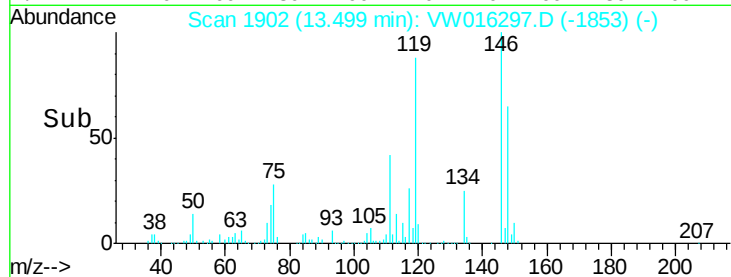
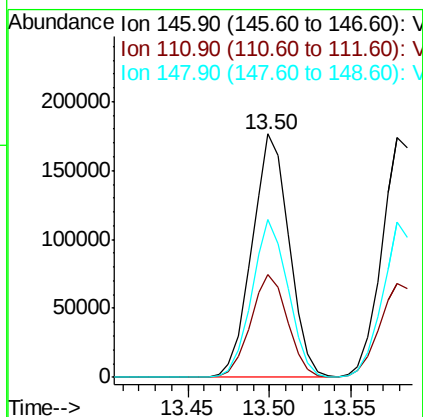
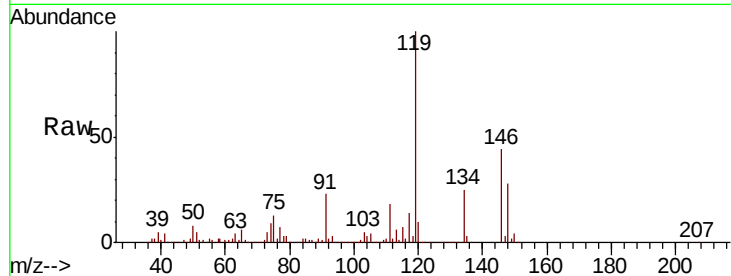
Ion 91.00 (90.70 to 91.70): VW





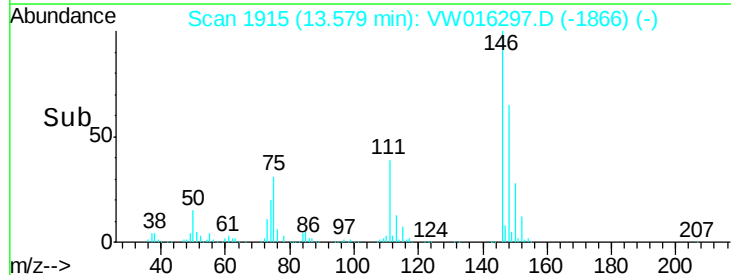
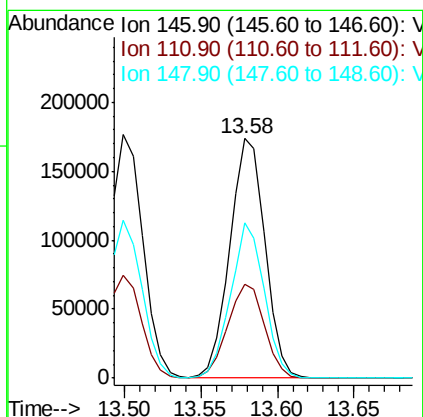
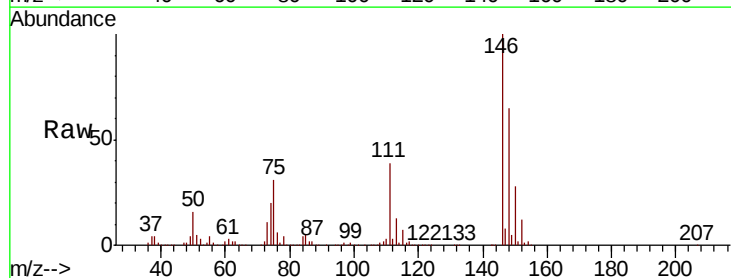
#87
 1,3-Dichlorobenzene
 Concen: 53.687 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

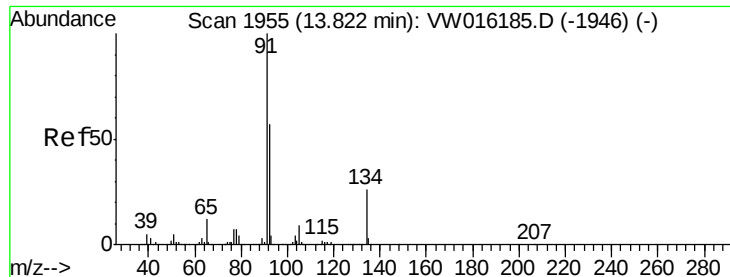
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	63.4	31.1	93.5



#88
 1,4-Dichlorobenzene
 Concen: 54.120 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

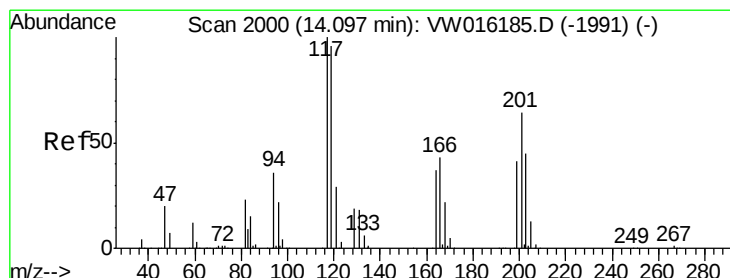
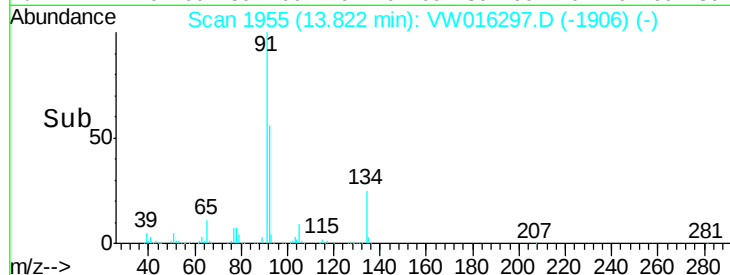
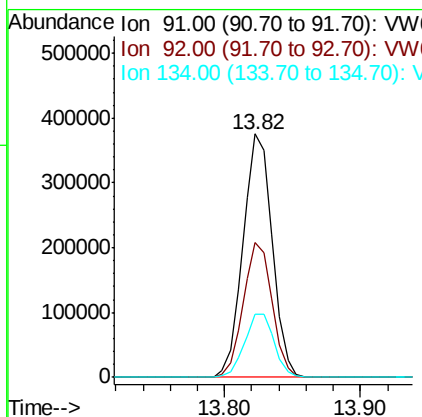
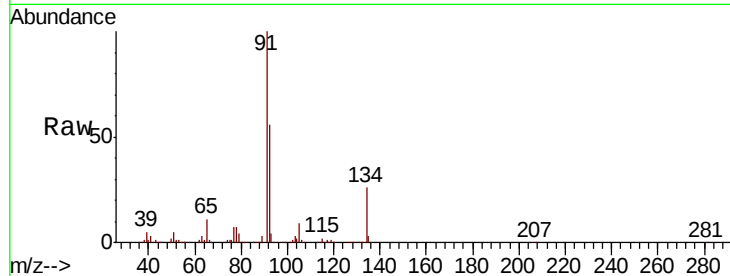
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.2
148	61.8	32.1	96.3





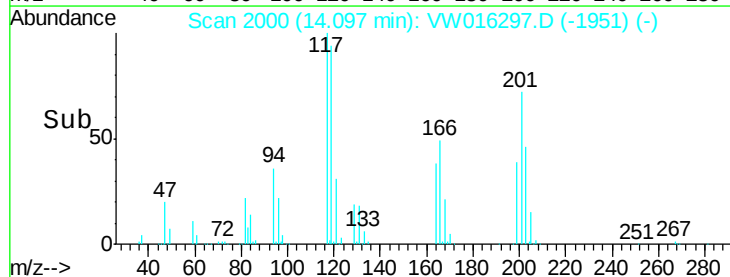
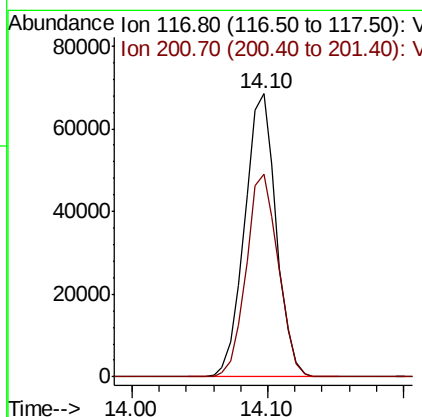
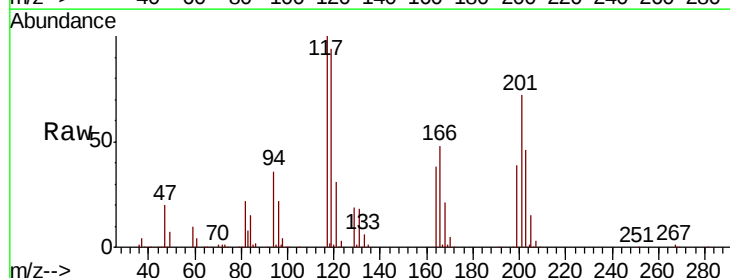
#89
n-Butylbenzene
Concen: 56.121 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

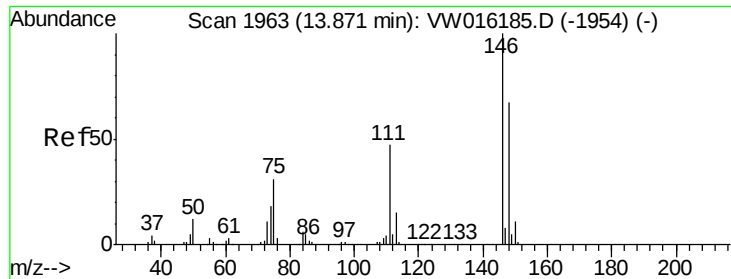
Tot Ion: 91 Resp: 563706
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 26.5 13.0 39.0



#90
Hexachloroethane
Concen: 54.977 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

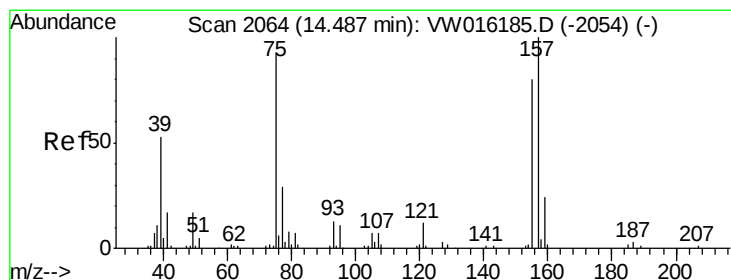
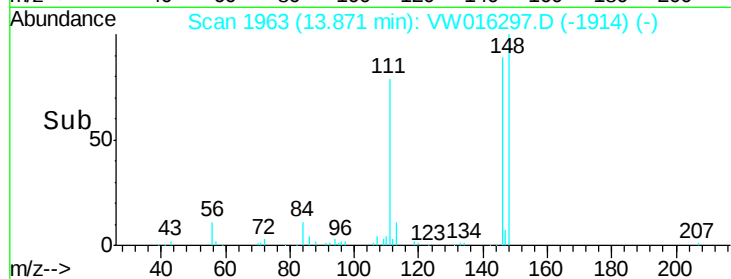
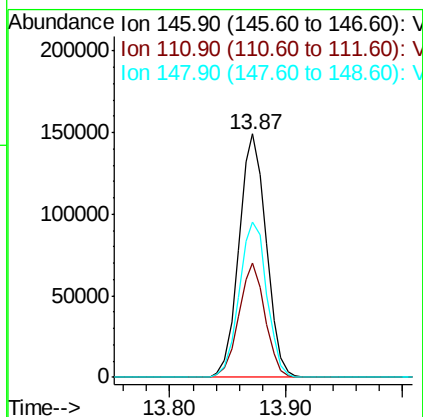
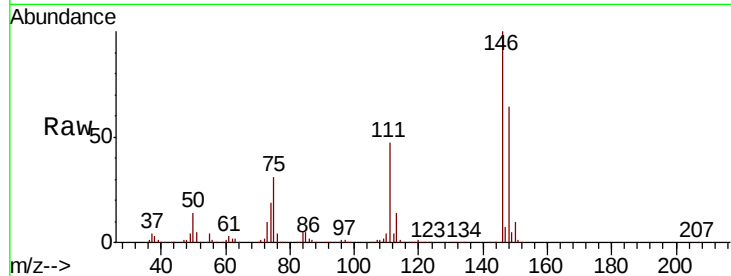
Tgt Ion: 117 Resp: 111397
Ion Ratio Lower Upper
117 100
201 72.7 33.8 101.3





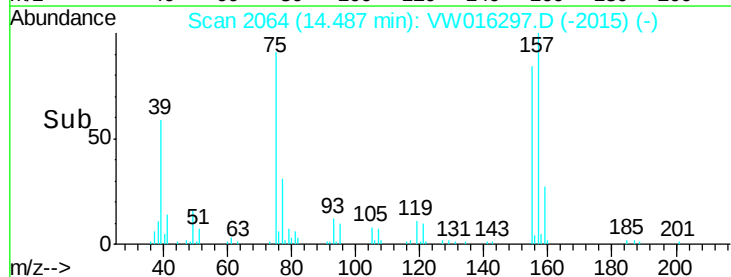
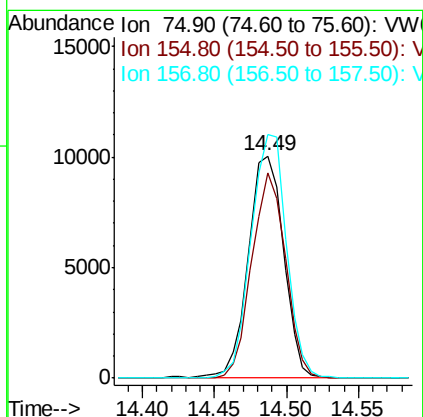
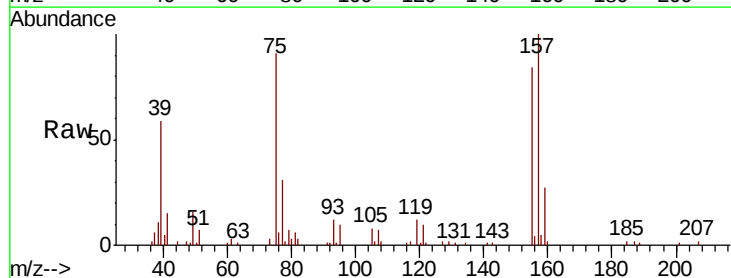
#91
 1,2-Dichlorobenzene
 Concen: 53.653 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

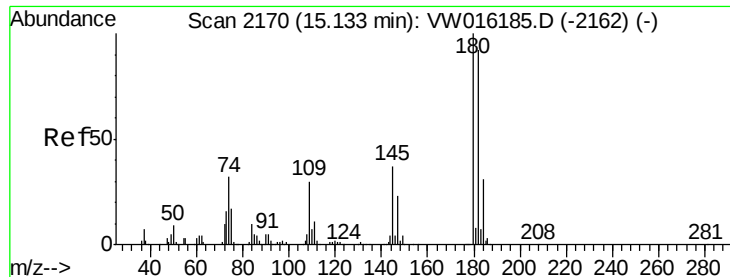
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.9	65.8
148	64.8	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.630 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

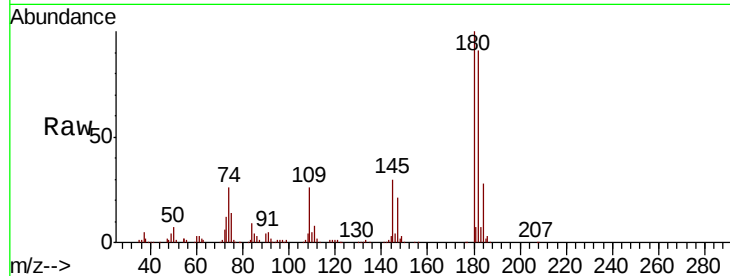
Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	41.3	124.1
157	109.4	53.0	159.0



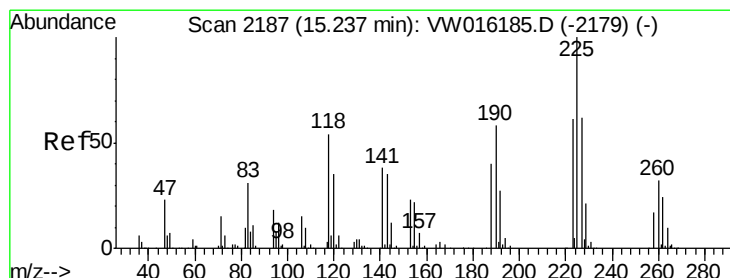
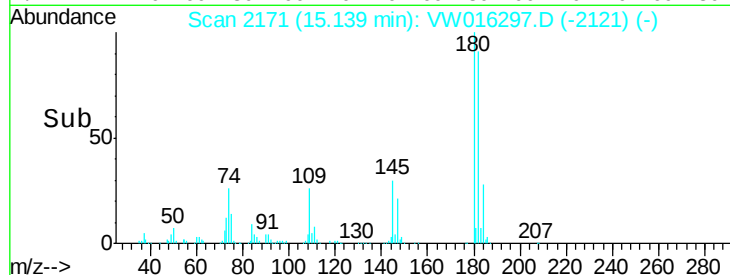
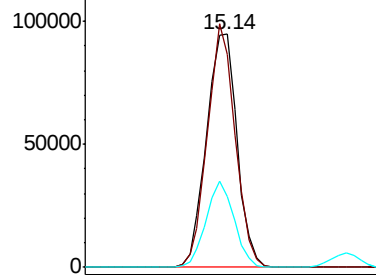


#93
 1,2,4-Trichlorobenzene
 Concen: 60.708 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.0	138.0
145	33.7	16.9	50.7

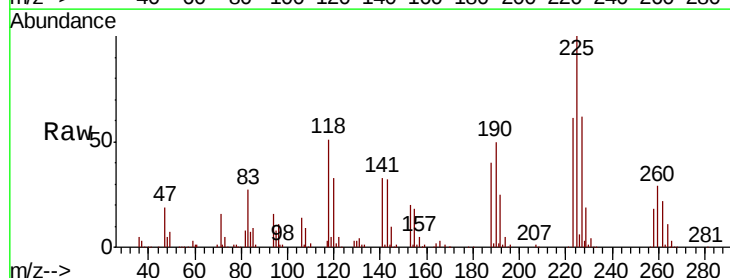


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

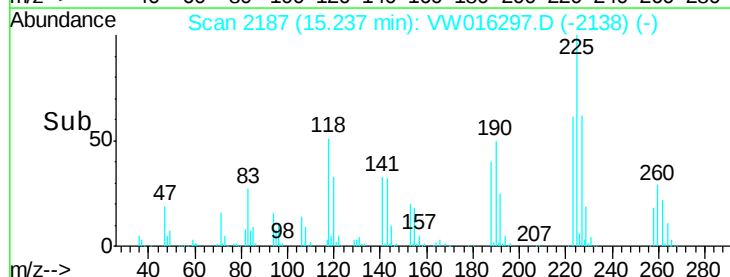
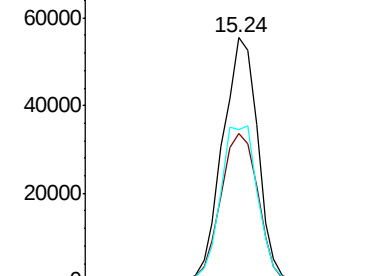


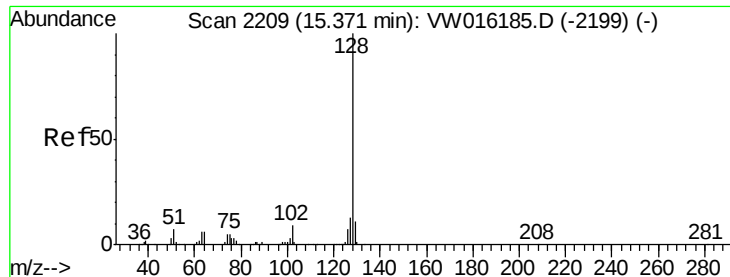
#94
 Hexachlorobutadiene
 Concen: 58.241 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016297.D
 Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	33.0	99.0
227	67.5	32.0	96.2



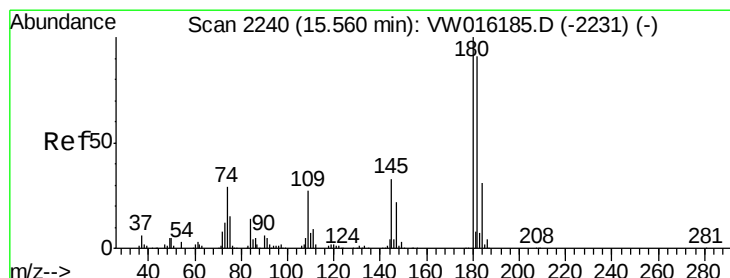
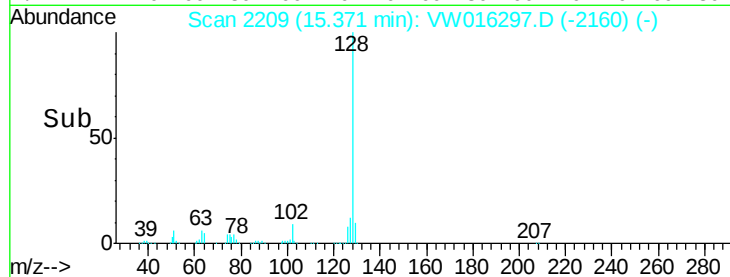
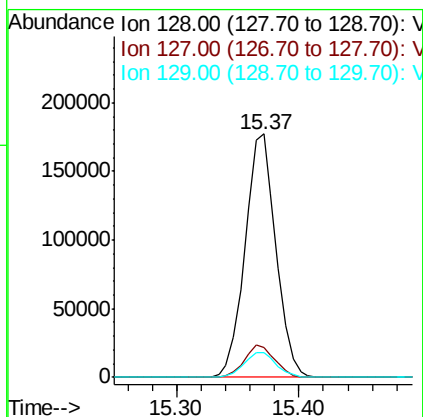
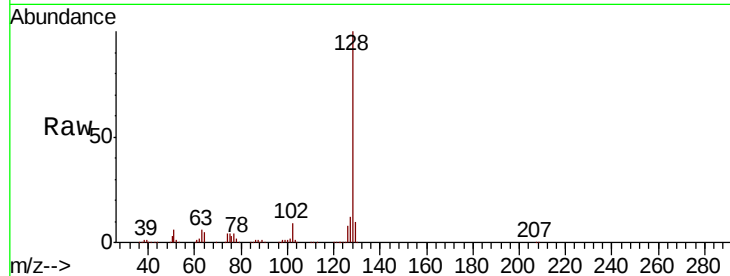
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 54.356 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 61.083 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016297.D
Acq: 21 Aug 2020 11:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.7	143.1
145	34.8	17.4	52.3

