

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016318.D
 Acq On : 21 Aug 2020 20:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 22 06:06:07 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	214104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147516	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	111287	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.60%		
35) Dibromofluoromethane	7.88	113	111868	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.98%		
50) Toluene-d8	10.32	98	429147	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.04%		
62) 4-Bromofluorobenzene	12.62	95	156836	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.36%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	68404	46.981	ug/l	92
3) Chloromethane	2.21	50	69674	44.945	ug/l	98
4) Vinyl Chloride	2.36	62	94192	43.411	ug/l	96
5) Bromomethane	2.78	94	66566	49.341	ug/l	91
6) Chloroethane	2.92	64	56927	46.458	ug/l	96
7) Trichlorofluoromethane	3.26	101	94684	53.902	ug/l	97
8) Diethyl Ether	3.68	74	58162	52.764	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	108124	46.941	ug/l	100
10) Methyl Iodide	4.27	142	170848	51.334	ug/l	100
11) Tert butyl alcohol	5.16	59	37560	338.006	ug/l	96
12) 1,1-Dichloroethene	4.04	96	110096	46.969	ug/l	97
13) Acrolein	3.89	56	38001	236.739	ug/l	98
14) Allyl chloride	4.67	41	149054	47.460	ug/l	96
15) Acrylonitrile	5.36	53	117735	283.458	ug/l	99
16) Acetone	4.12	43	93324	233.320	ug/l	100
17) Carbon Disulfide	4.39	76	319334	46.397	ug/l	100
18) Methyl Acetate	4.67	43	51782	55.594	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	169329	58.667	ug/l	99
20) Methylene Chloride	4.91	84	130912	52.984	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	123945	48.557	ug/l	98
22) Diisopropyl ether	6.31	45	300041	50.676	ug/l	97
23) Vinyl Acetate	6.26	43	903160	266.400	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201529	48.768	ug/l	99
25) 2-Butanone	7.17	43	143750	268.166	ug/l	97
26) 2,2-Dichloropropane	7.17	77	124453	46.623	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	136248	51.711	ug/l	98
28) Bromochloromethane	7.51	49	78257	49.915	ug/l	93
29) Tetrahydrofuran	7.53	42	94095	293.651	ug/l	95
30) Chloroform	7.68	83	215196	50.120	ug/l	100
31) Cyclohexane	7.96	56	168860	44.316	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	181341	50.270	ug/l	99
36) 1,1-Dichloropropene	8.09	75	164500	47.881	ug/l	98
37) Ethyl Acetate	7.25	43	64540	54.792	ug/l	98
38) Carbon Tetrachloride	8.07	117	170824	49.825	ug/l	97

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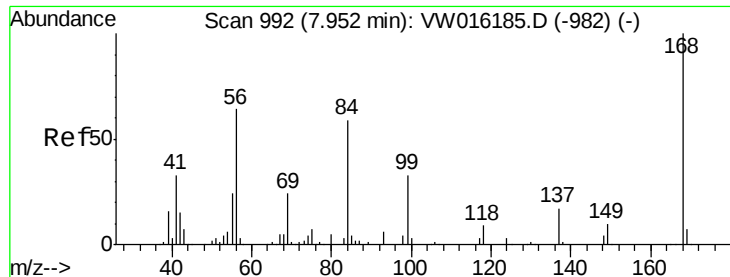
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203344	49.137	ug/l	97
40) Benzene	8.32	78	477153	49.369	ug/l	97
41) Methacrylonitrile	7.48	41	36993	55.028	ug/l	96
42) 1,2-Dichloroethane	8.40	62	135081	52.919	ug/l	100
43) Isopropyl Acetate	8.42	43	123556	55.755	ug/l	98
44) Trichloroethene	9.09	130	132544	48.421	ug/l	100
45) 1,2-Dichloropropane	9.37	63	111034	48.736	ug/l	97
46) Dibromomethane	9.46	93	64124	53.611	ug/l	97
47) Bromodichloromethane	9.65	83	162479	52.577	ug/l	98
48) Methyl methacrylate	9.44	41	58882	57.156	ug/l	93
49) 1,4-Dioxane	9.45	88	21693	1440.303	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	320627	286.065	ug/l	98
52) Toluene	10.39	92	310907	50.236	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	156266	54.612	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	188715	53.066	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	91488	53.307	ug/l	97
56) Ethyl methacrylate	10.65	69	118657	60.626	ug/l	97
57) 1,3-Dichloropropane	10.93	76	153808	52.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	237085	265.688	ug/l	97
59) 2-Hexanone	10.97	43	223620	291.642	ug/l	98
60) Dibromochloromethane	11.13	129	114524	56.094	ug/l	99
61) 1,2-Dibromoethane	11.24	107	91263	55.240	ug/l	100
64) Tetrachloroethene	10.87	164	107924	52.441	ug/l	94
65) Chlorobenzene	11.66	112	331326	51.539	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	119669	53.256	ug/l	98
67) Ethyl Benzene	11.73	91	596882	51.662	ug/l	97
68) m/p-Xylenes	11.84	106	456510	102.797	ug/l	98
69) o-Xylene	12.17	106	212292	53.658	ug/l	95
70) Styrene	12.18	104	371824	54.311	ug/l	99
71) Bromoform	12.35	173	61494	61.148	ug/l #	98
73) Isopropylbenzene	12.46	105	595317	52.959	ug/l	100
74) N-amyl acetate	12.27	43	114984	57.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	104135	55.362	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	129761	95.647	ug/l	28
77) Bromobenzene	12.75	156	132211	53.174	ug/l	96
78) n-propylbenzene	12.80	91	684202	50.992	ug/l	99
79) 2-Chlorotoluene	12.90	91	402709	51.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	515052	53.375	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	31811	56.243	ug/l	97
82) 4-Chlorotoluene	12.99	91	417939	51.795	ug/l	100
83) tert-Butylbenzene	13.21	119	429685	54.332	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	517031	54.146	ug/l	100
85) sec-Butylbenzene	13.38	105	587863	51.143	ug/l	99
86) p-Isopropyltoluene	13.50	119	547029	52.618	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	255080	51.227	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	254642	51.934	ug/l	99
89) n-Butylbenzene	13.82	91	498224	51.802	ug/l	100
90) Hexachloroethane	14.10	117	102347	52.752	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	227945	52.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17850	61.733	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	152072	58.743	ug/l	98
94) Hexachlorobutadiene	15.24	225	81286	52.813	ug/l	96
95) Naphthalene	15.36	128	308793	56.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	135415	60.909	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016318.D

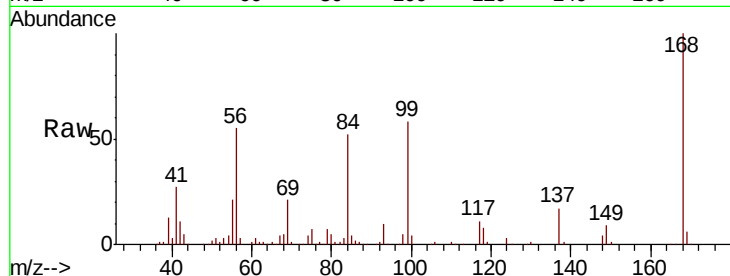
Acq: 21 Aug 2020 20:26

Tot Ion:168 Resp: 214104

Ion Ratio Lower Upper

168 100

99 58.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

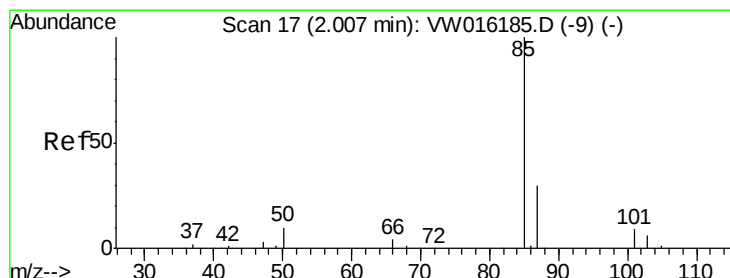
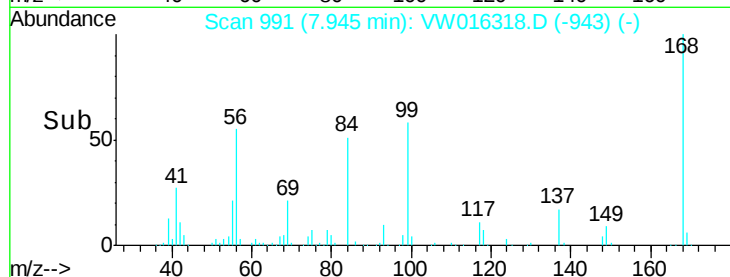
20000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 46.981 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016318.D

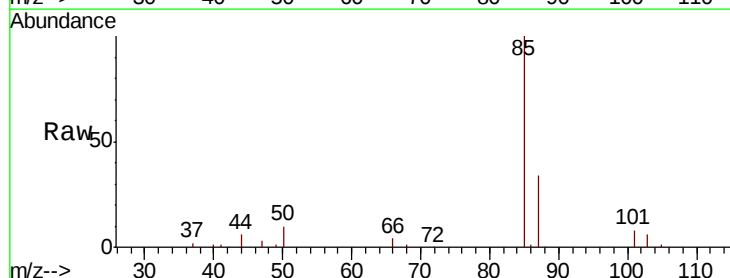
Acq: 21 Aug 2020 20:26

Tgt Ion: 85 Resp: 68404

Ion Ratio Lower Upper

85 100

87 33.8 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

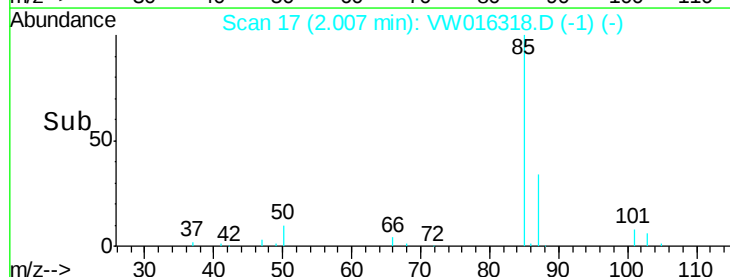
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Time-->

1.90

2.00

2.10





#3

Chloromethane

Concen: 44.945 ug/l

RT: 2.21 min Scan# 51

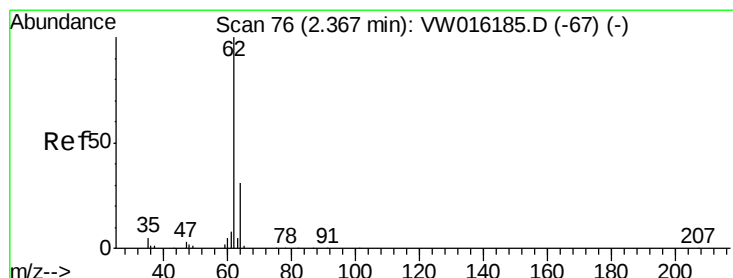
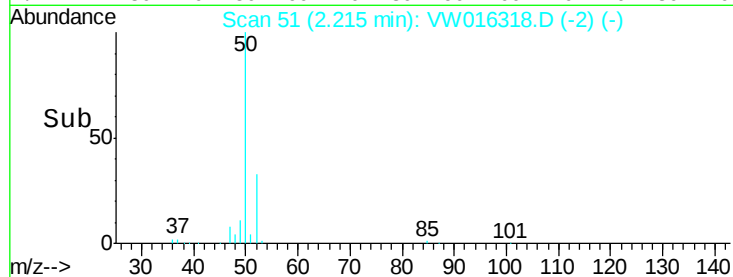
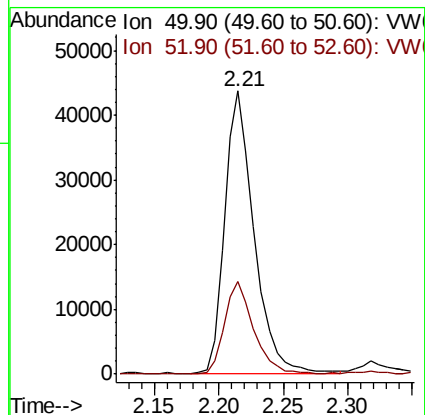
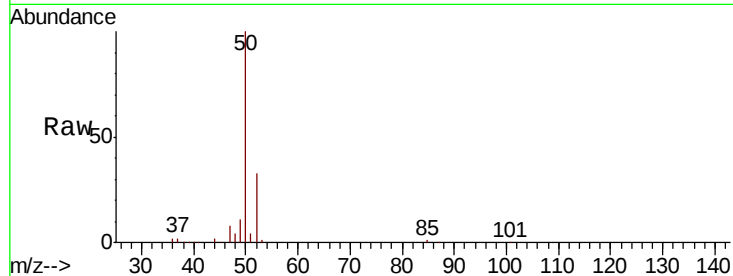
Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tot Ion: 50 Resp: 69674

Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.3	37.9



#4

Vinyl Chloride

Concen: 43.411 ug/l

RT: 2.36 min Scan# 75

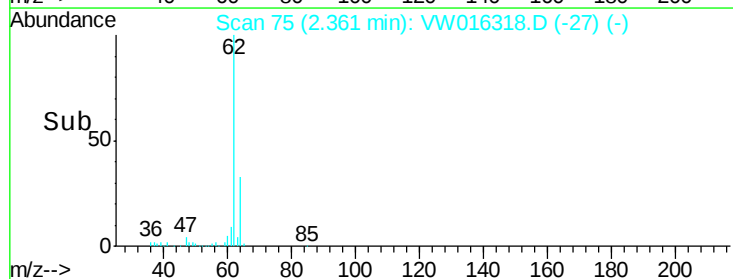
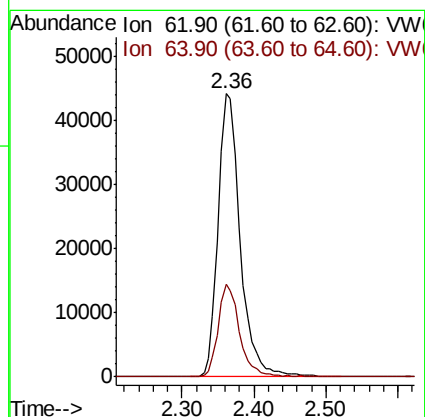
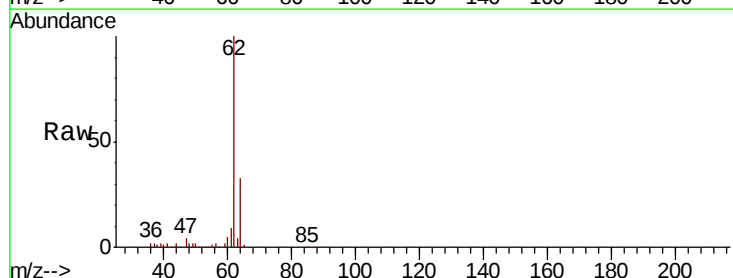
Delta R.T. -0.01 min

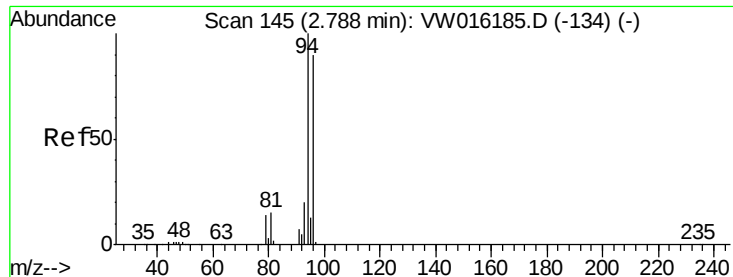
Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tgt Ion: 62 Resp: 94192

Ion	Ratio	Lower	Upper
62	100		
64	32.8	24.5	36.7





#5

Bromomethane

Concen: 49.341 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016318.D

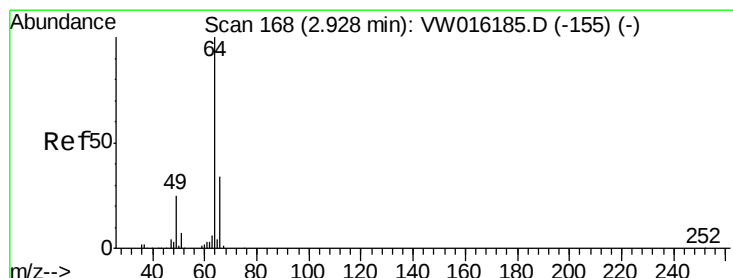
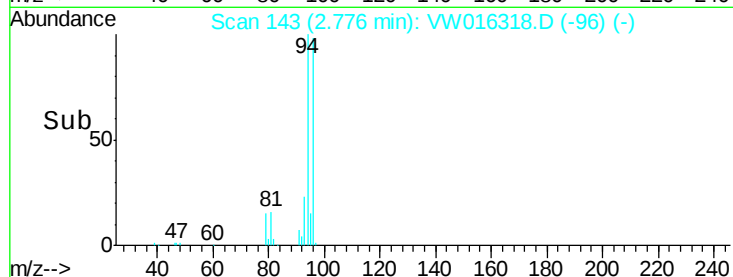
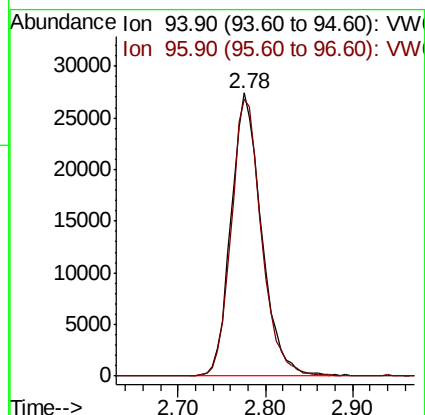
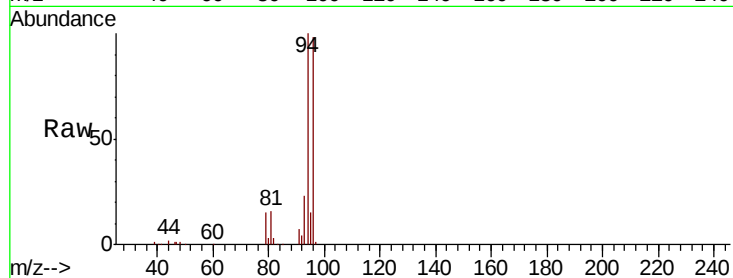
Acq: 21 Aug 2020 20:26

Tot Ion: 94 Resp: 66566

Ion Ratio Lower Upper

94 100

96 98.0 71.8 107.6



#6

Chloroethane

Concen: 46.458 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016318.D

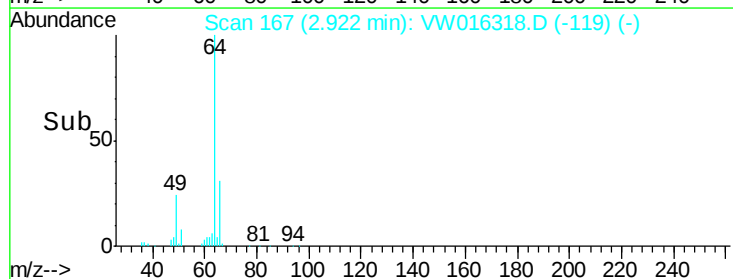
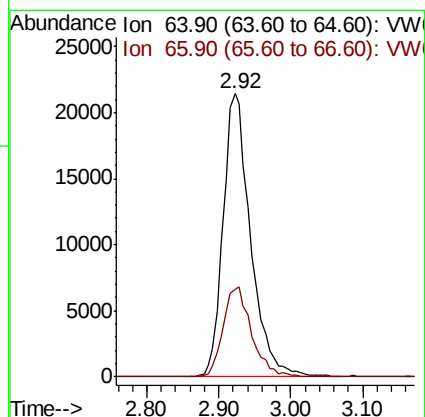
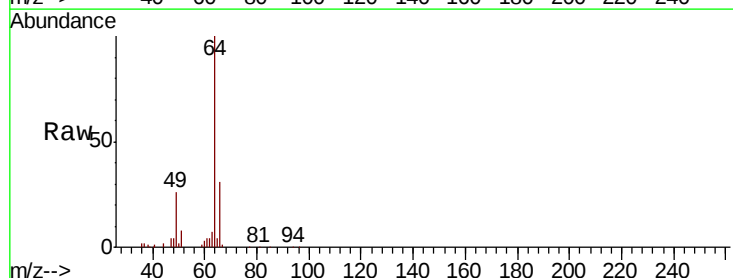
Acq: 21 Aug 2020 20:26

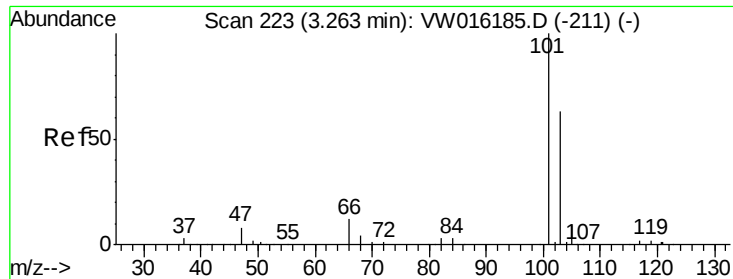
Tgt Ion: 64 Resp: 56927

Ion Ratio Lower Upper

64 100

66 31.0 26.9 40.3





#7

Trichlorofluoromethane

Concen: 53.902 ug/l

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW016318.D

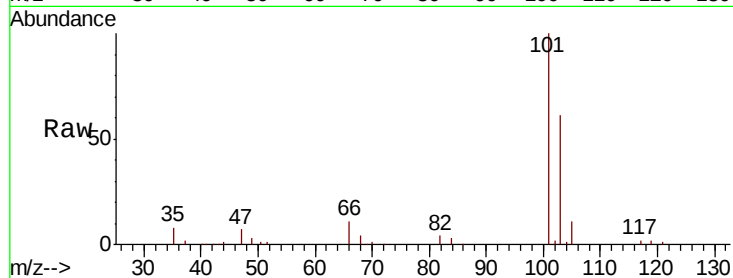
Acq: 21 Aug 2020 20:26

Tot Ion:101 Resp: 94684

Ion Ratio Lower Upper

101 100

103 60.7 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.26

40000

30000

20000

10000

0

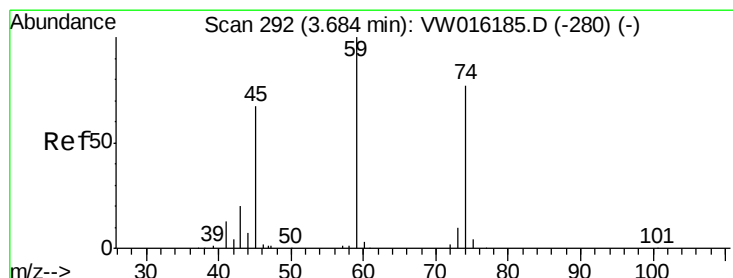
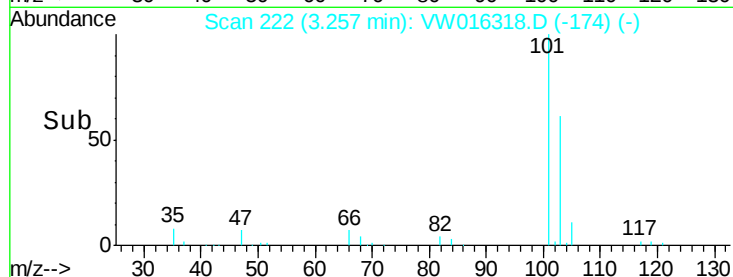
Time-->

3.10

3.20

3.30

3.40



#8

Diethyl Ether

Concen: 52.764 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW016318.D

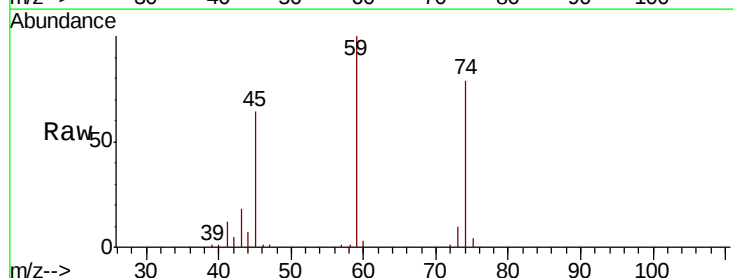
Acq: 21 Aug 2020 20:26

Tgt Ion: 74 Resp: 58162

Ion Ratio Lower Upper

74 100

45 87.4 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

30000

25000

20000

15000

10000

5000

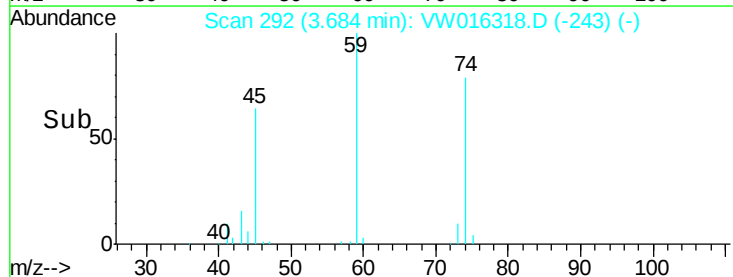
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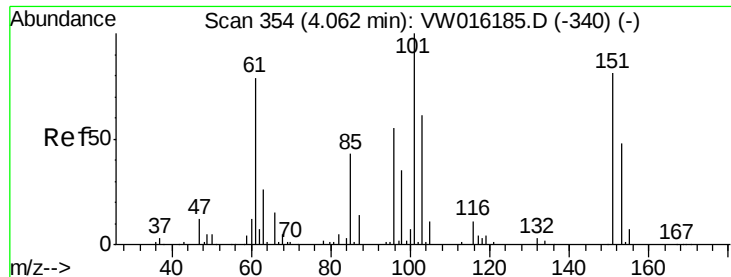
Time-->

3.60

3.70

3.80





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.941 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

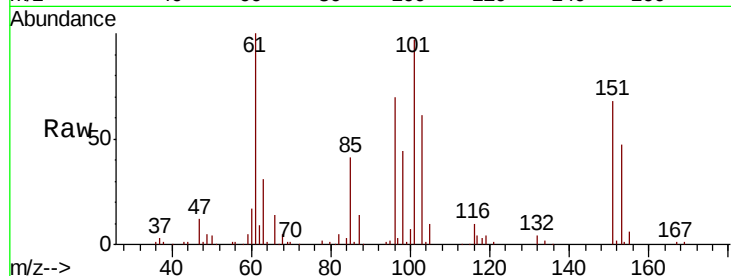
Tot Ion:101 Resp: 108124

Ion Ratio Lower Upper

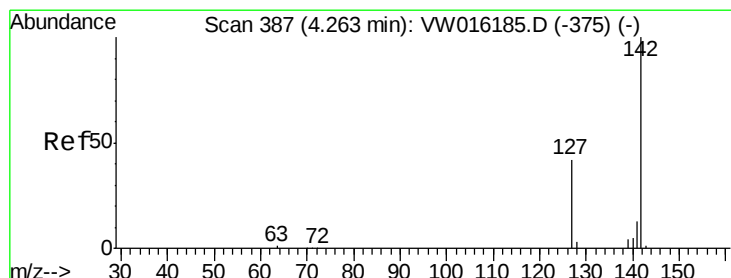
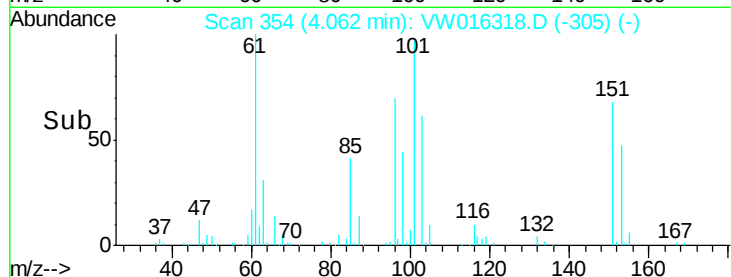
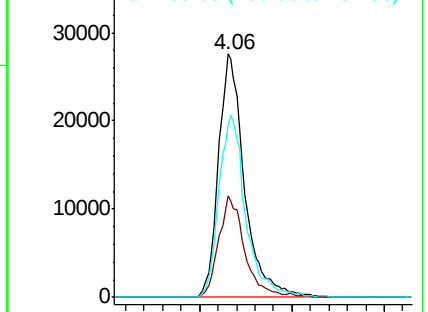
101 100

85 41.1 33.3 49.9

151 76.4 61.1 91.7



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



#10

Methyl Iodide

Concen: 51.334 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

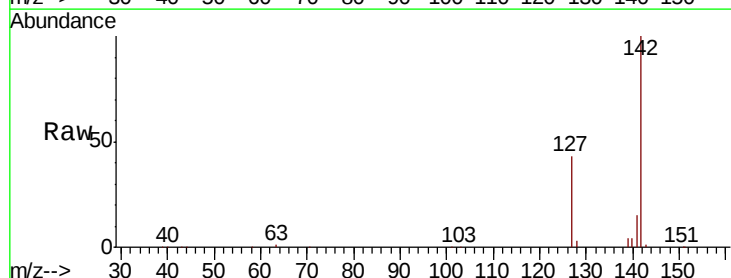
Tgt Ion:142 Resp: 170848

Ion Ratio Lower Upper

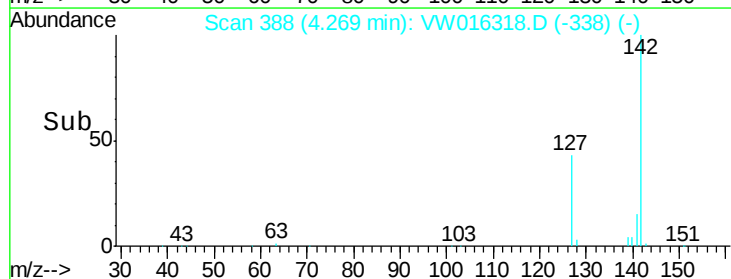
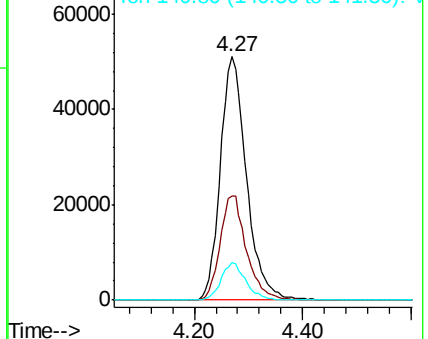
142 100

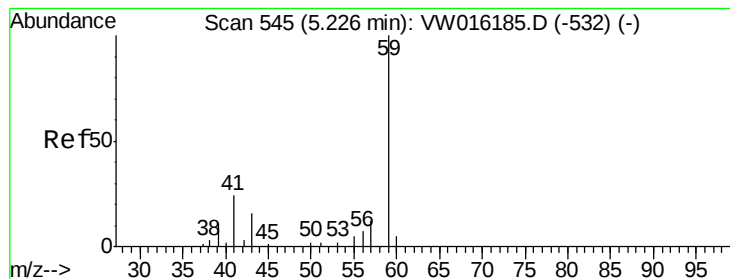
127 43.1 34.6 52.0

141 14.5 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: 338.006 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.07 min

Lab File: VW016318.D

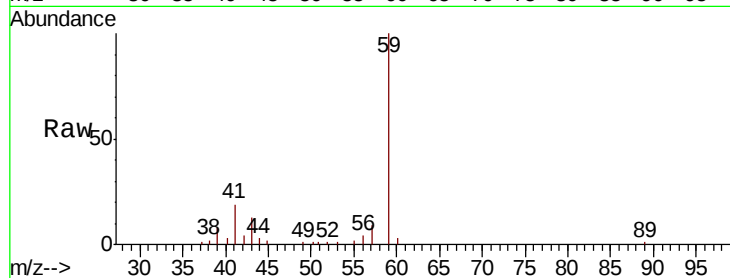
Acq: 21 Aug 2020 20:26

Tot Ion: 59 Resp: 37560

Ion Ratio Lower Upper

59 100

57 9.8 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

12000

10000

8000

6000

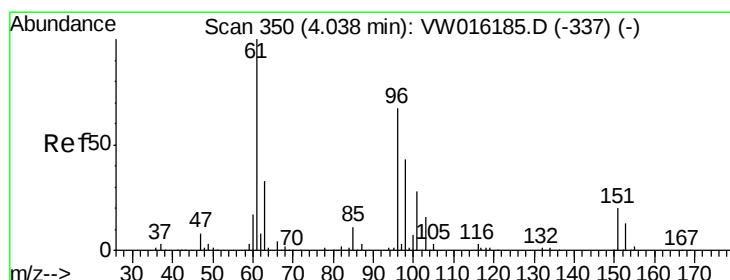
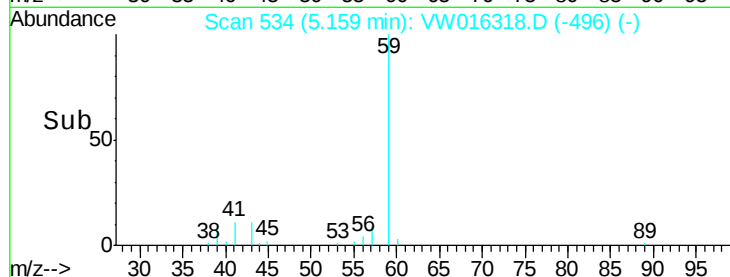
4000

2000

0

Time-->

5.00 5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 46.969 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

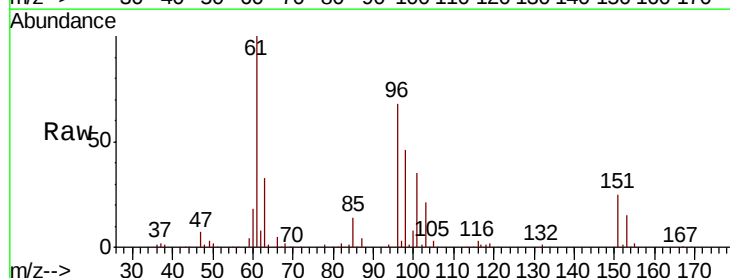
Tgt Ion: 96 Resp: 110096

Ion Ratio Lower Upper

96 100

61 147.4 119.5 179.3

98 67.9 51.3 76.9



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

4.04

60000

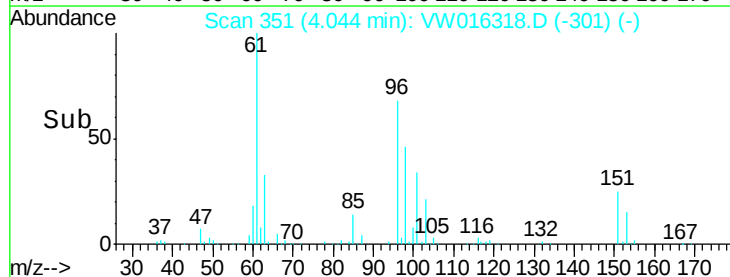
40000

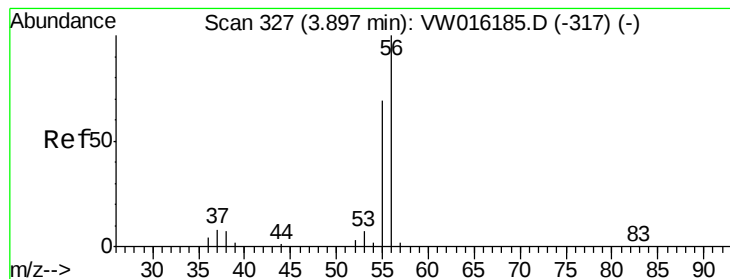
20000

0

Time-->

3.90 4.00 4.10 4.20





#13

Acrolein

Concen: 236.739 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016318.D

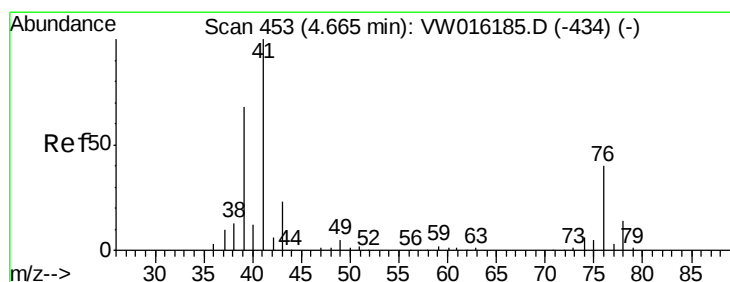
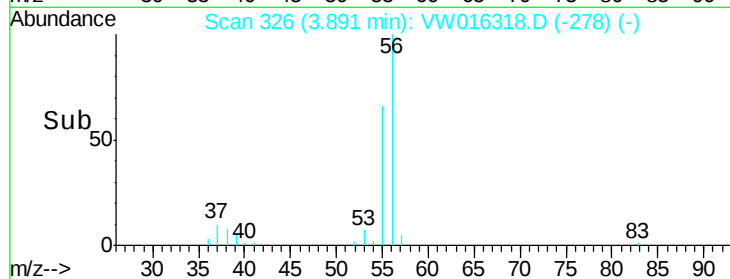
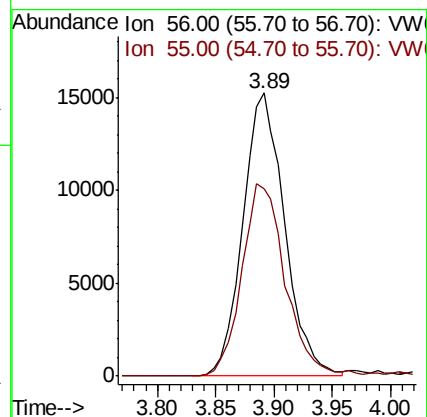
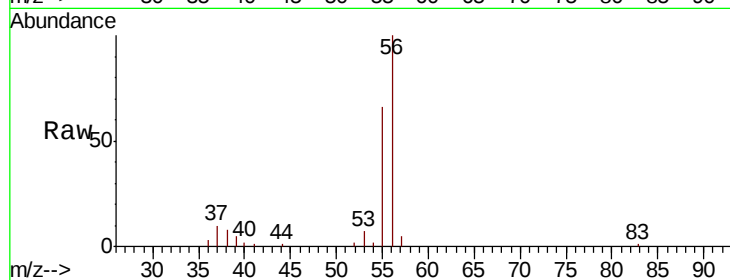
Acq: 21 Aug 2020 20:26

Tot Ion: 56 Resp: 38001

Ion Ratio Lower Upper

56 100

55 70.8 55.0 82.6



#14

Allyl chloride

Concen: 47.460 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

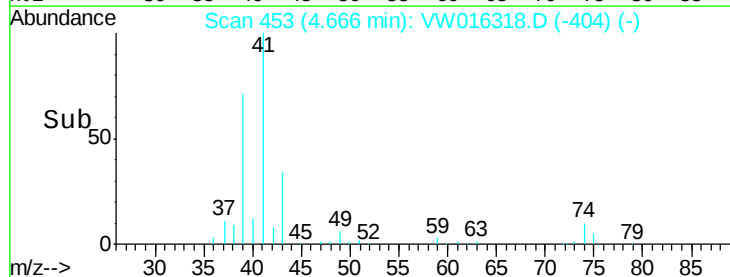
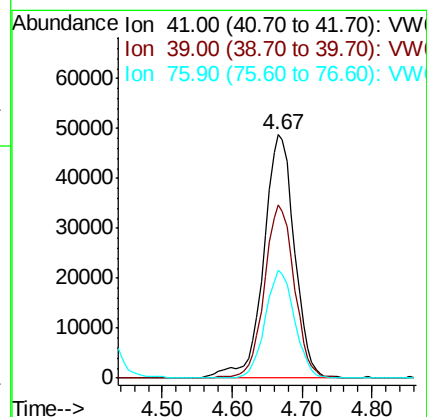
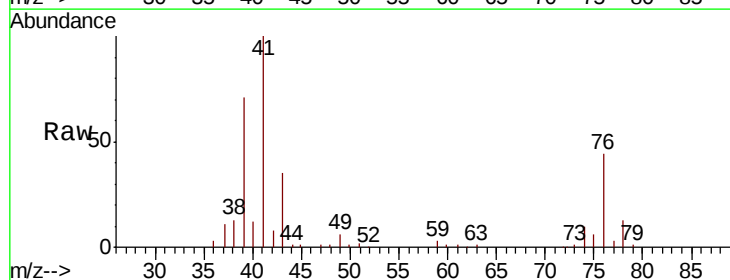
Tgt Ion: 41 Resp: 149054

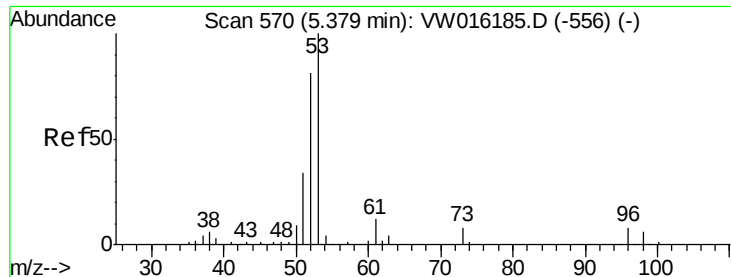
Ion Ratio Lower Upper

41 100

39 69.5 53.4 80.0

76 42.2 32.0 48.0





#15

Acrylonitrile

Concen: 283.458 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.02 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

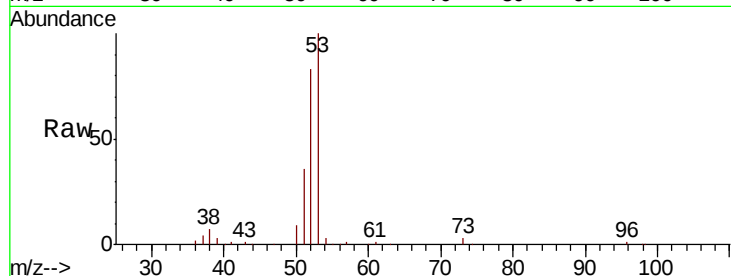
Tot Ion: 53 Resp: 117735

Ion Ratio Lower Upper

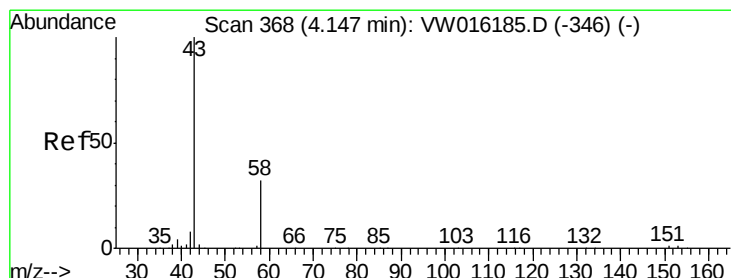
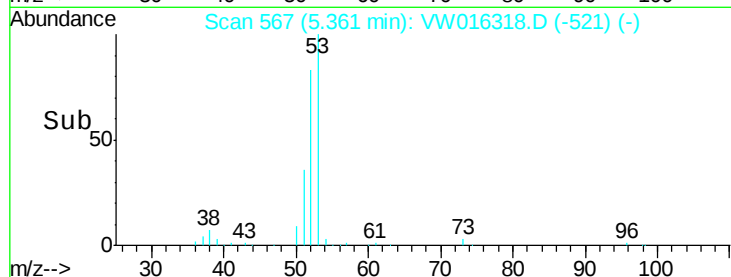
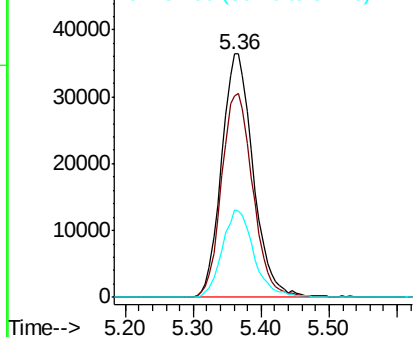
53 100

52 83.1 65.3 97.9

51 36.0 29.0 43.4



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



#16

Acetone

Concen: 233.320 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW016318.D

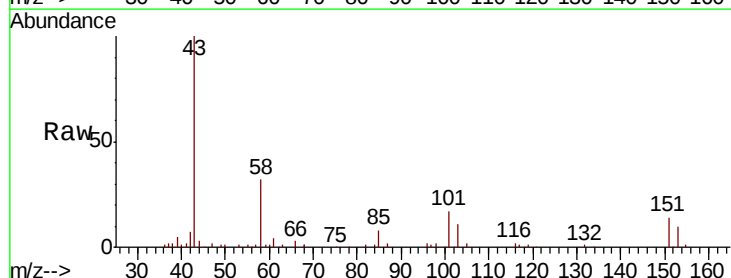
Acq: 21 Aug 2020 20:26

Tgt Ion: 43 Resp: 93324

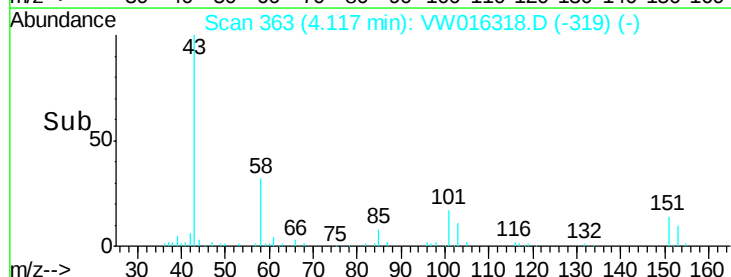
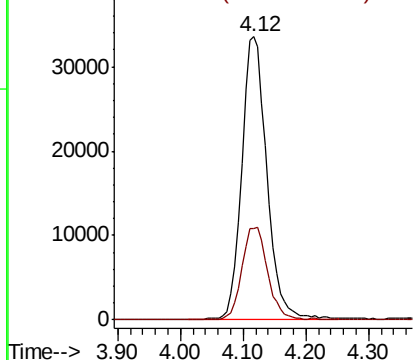
Ion Ratio Lower Upper

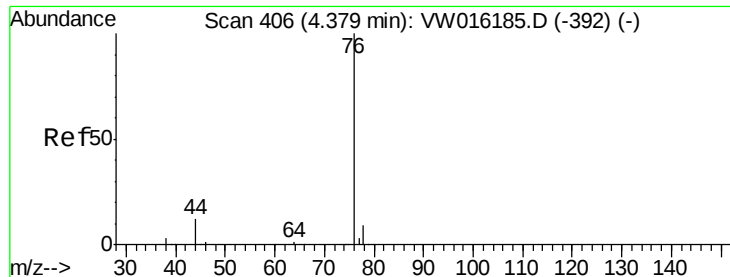
43 100

58 32.2 25.8 38.6



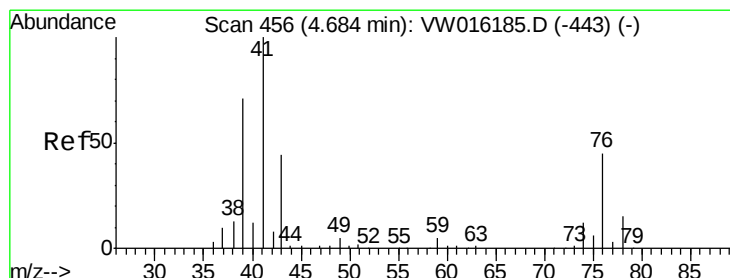
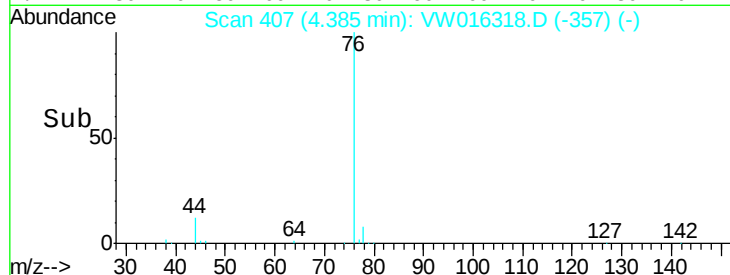
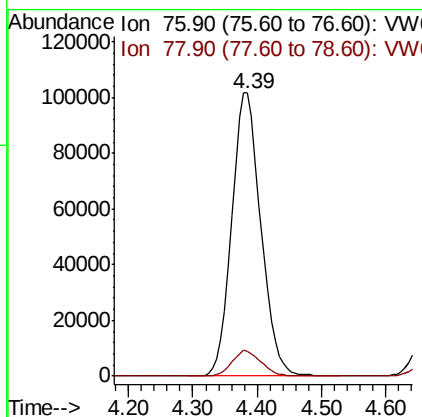
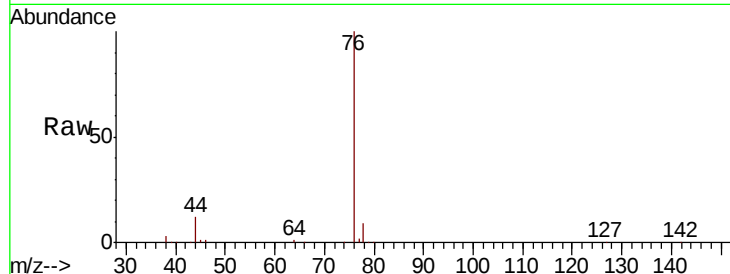
Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





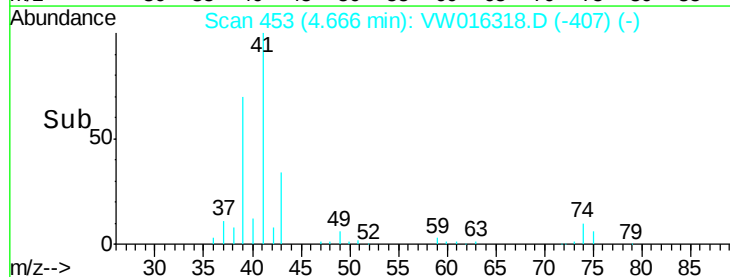
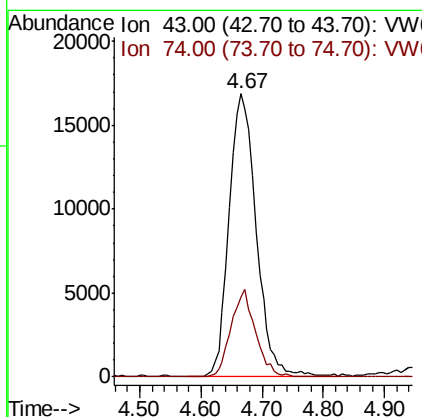
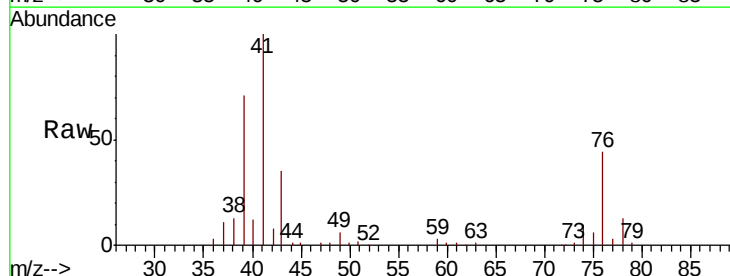
#17
Carbon Disulfide
Concen: 46.397 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

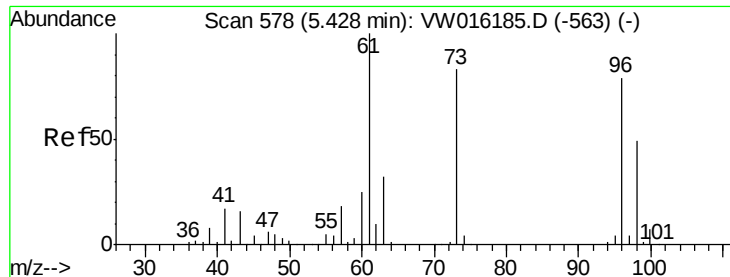
Tot Ion: 76 Resp: 319334
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 55.594 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

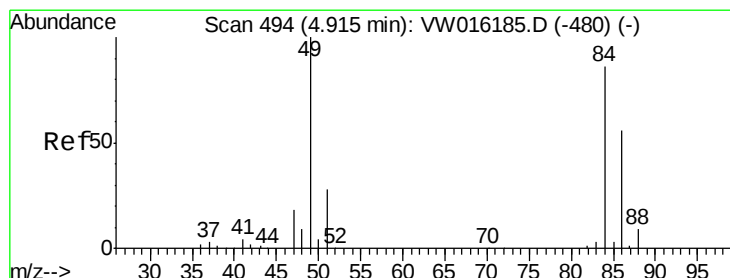
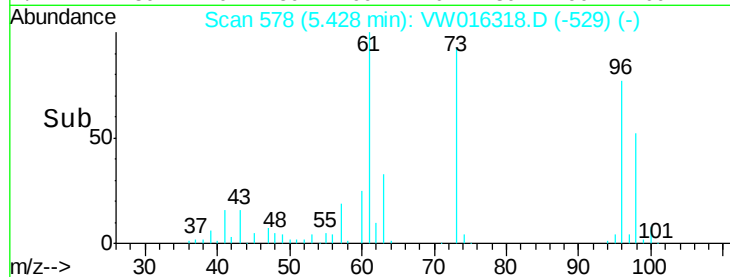
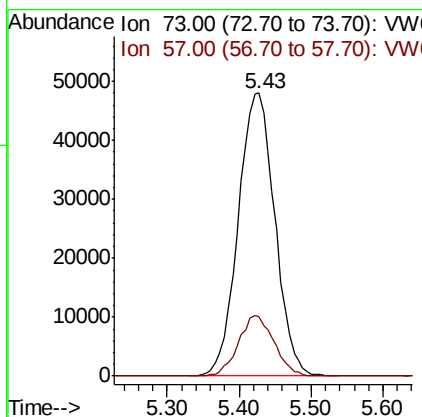
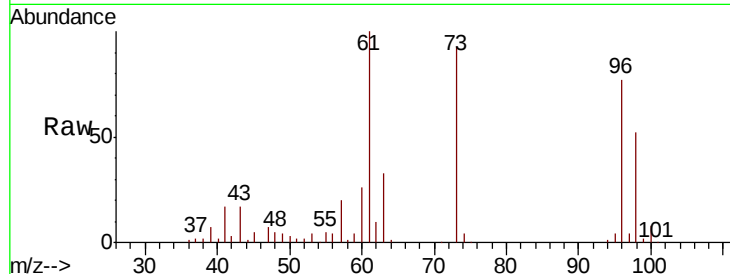
Tgt Ion: 43 Resp: 51782
Ion Ratio Lower Upper
43 100
74 27.7 20.6 31.0





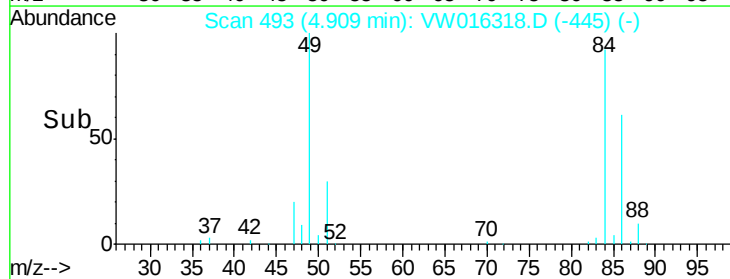
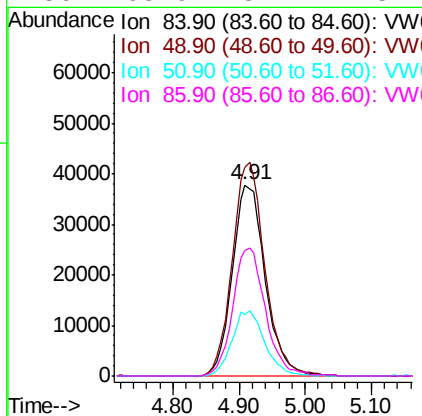
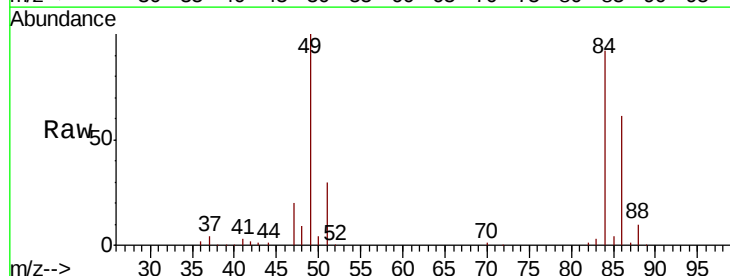
#19
Methvl tert-butvl Ether
Concen: 58.667 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

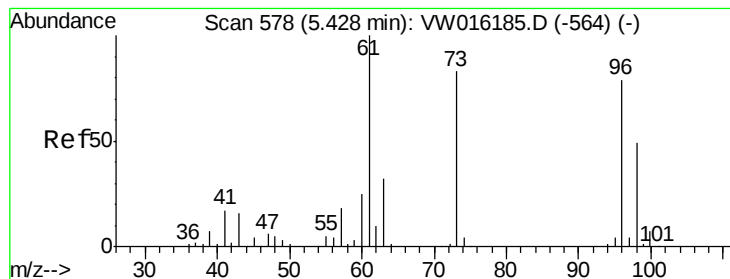
Tot Ion: 73 Resp: 169329
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8



#20
Methylene Chloride
Concen: 52.984 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion: 84 Resp: 130912
Ion Ratio Lower Upper
84 100
49 108.8 93.4 140.2
51 32.4 26.6 40.0
86 65.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.557 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

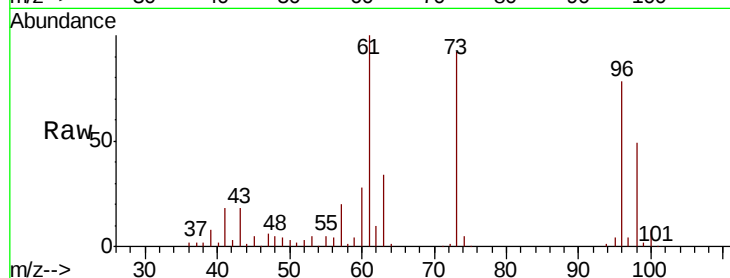
Tot Ion: 96 Resp: 123945

Ion Ratio Lower Upper

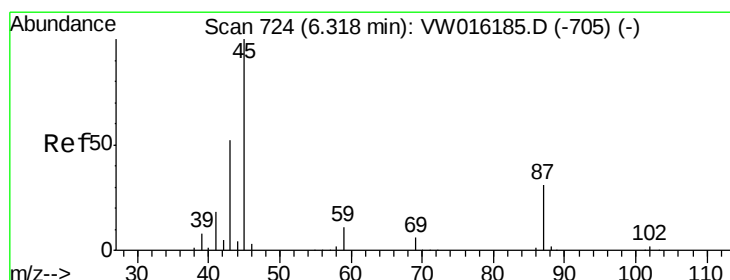
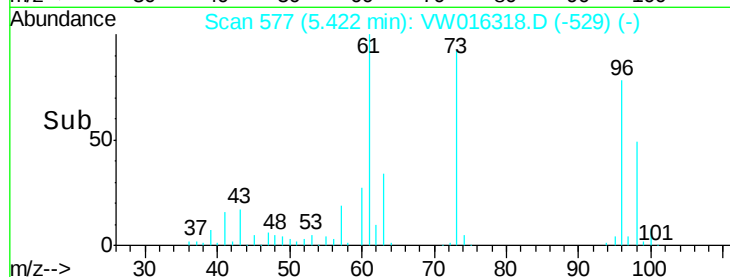
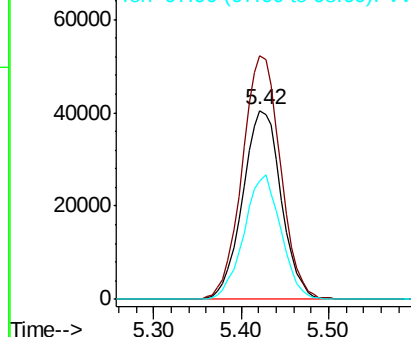
96 100

61 128.7 101.4 152.0

98 62.5 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: 50.676 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tgt Ion: 45 Resp: 300041

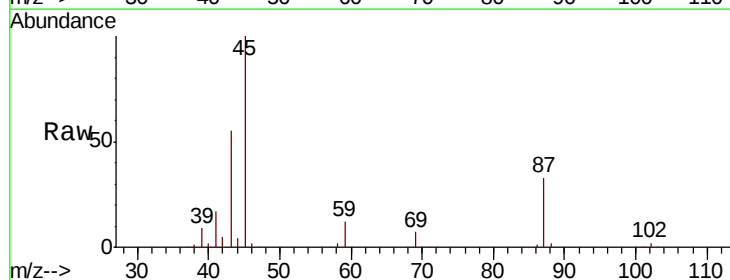
Ion Ratio Lower Upper

45 100

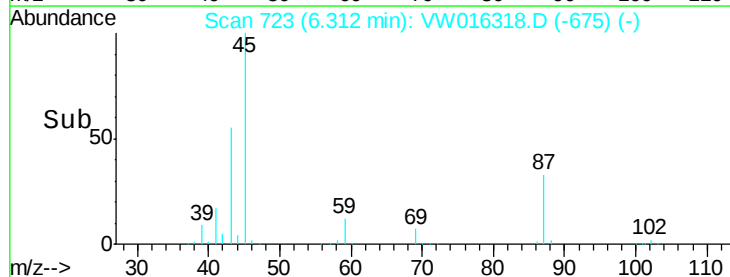
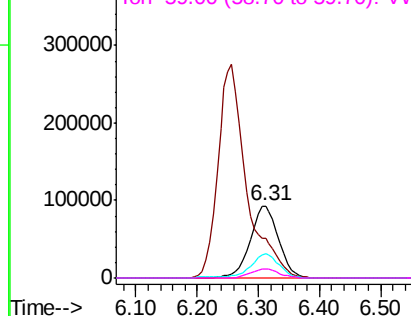
43 54.6 41.7 62.5

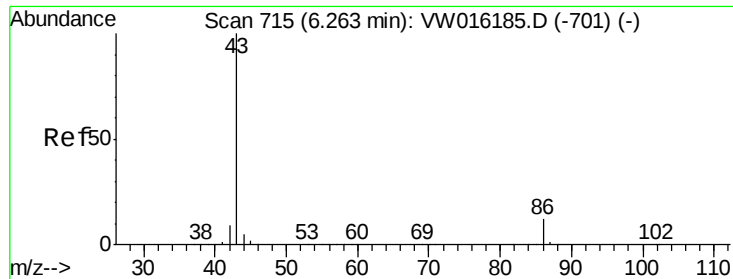
87 33.3 25.0 37.6

59 12.3 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: 266.400 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016318.D

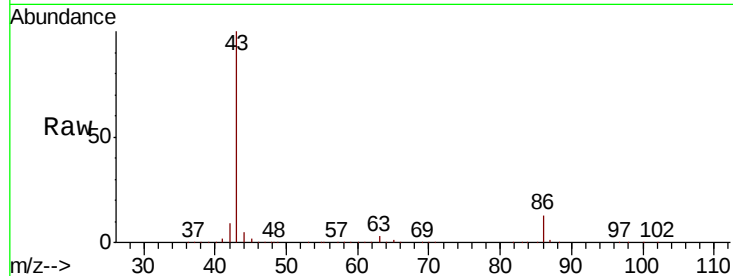
Acq: 21 Aug 2020 20:26

Tot Ion: 43 Resp: 903160

Ion Ratio Lower Upper

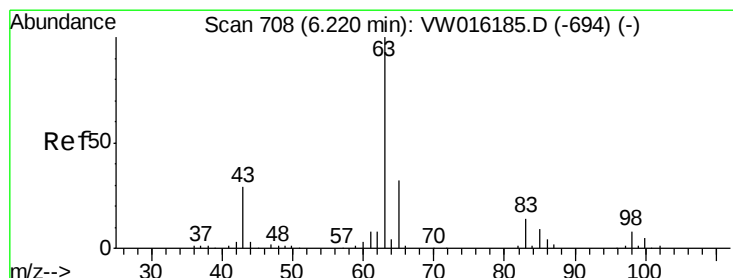
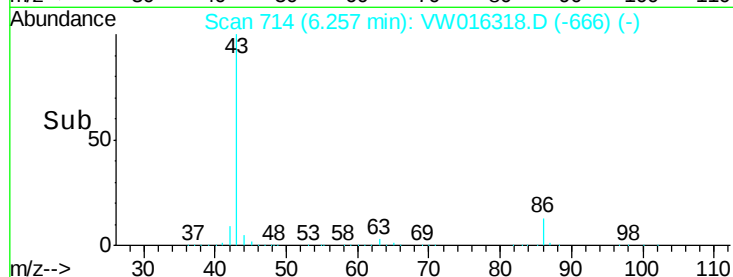
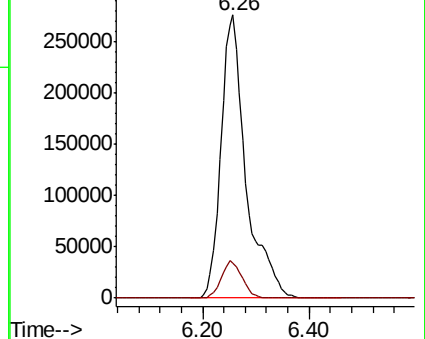
43 100

86 12.6 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: 48.768 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

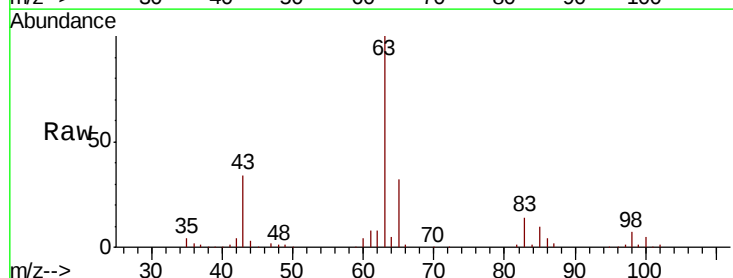
Tgt Ion: 63 Resp: 201529

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

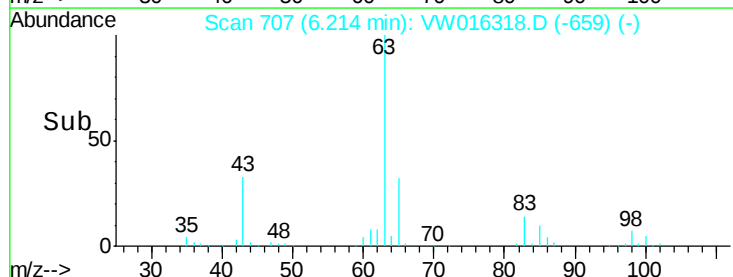
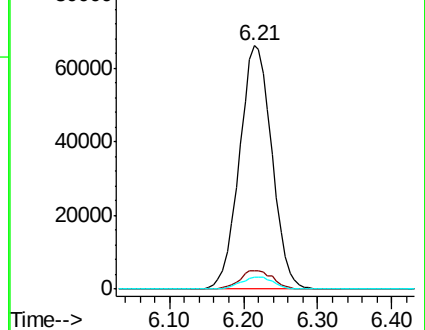
100 4.8 2.6 8.0

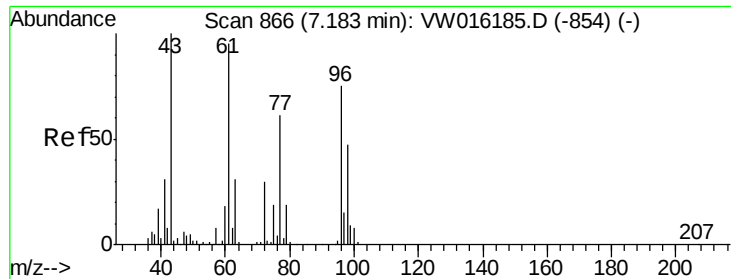


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 268.166 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016318.D

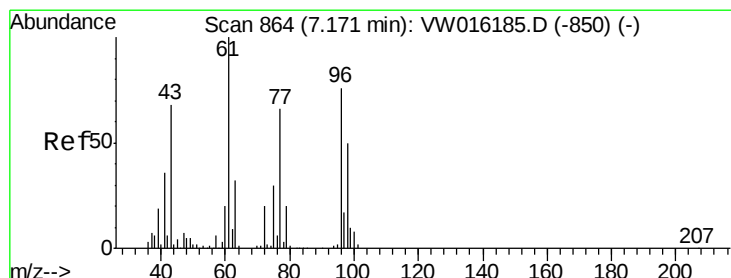
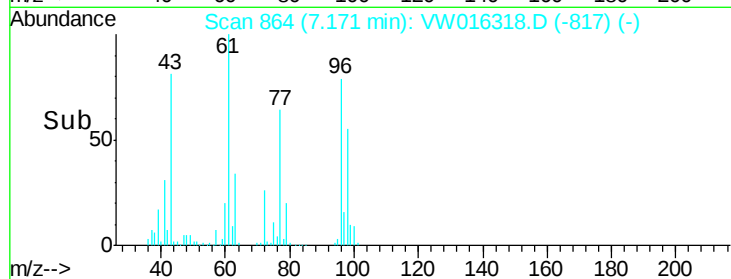
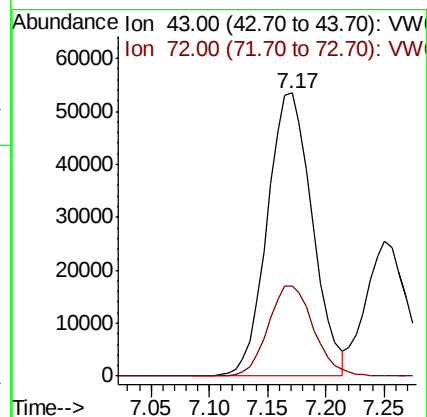
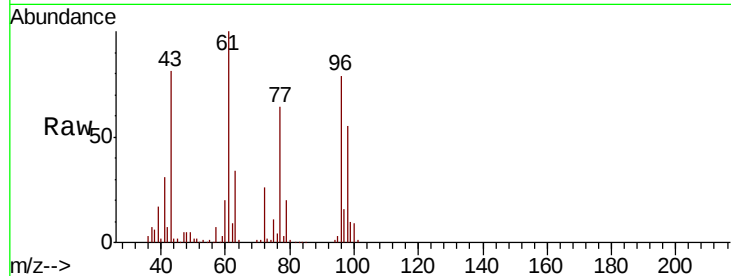
Acq: 21 Aug 2020 20:26

Tot Ion: 43 Resp: 143750

Ion Ratio Lower Upper

43 100

72 31.9 24.2 36.2



#26

2,2-Dichloropropane

Concen: 46.623 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016318.D

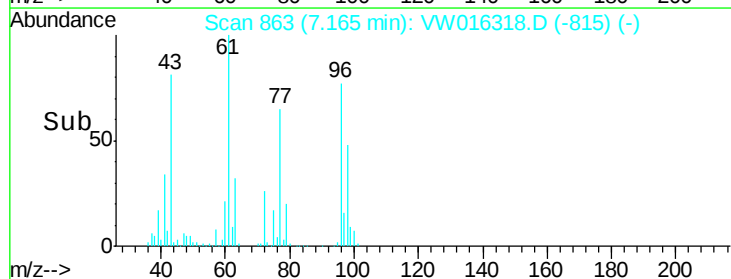
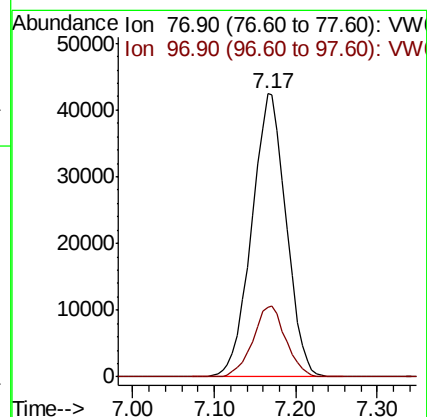
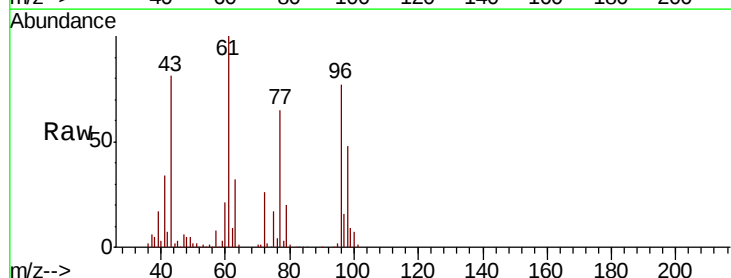
Acq: 21 Aug 2020 20:26

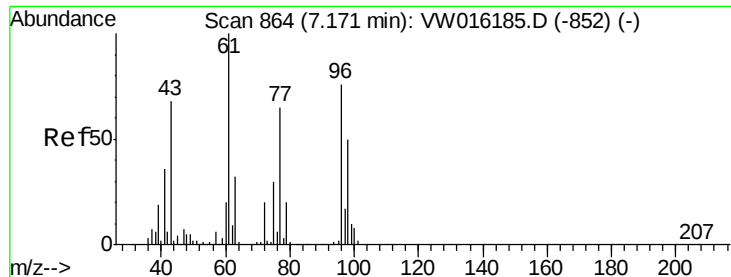
Tgt Ion: 77 Resp: 124453

Ion Ratio Lower Upper

77 100

97 24.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 51.711 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

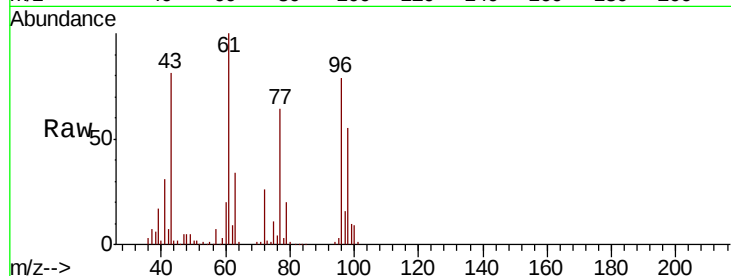
Tot Ion: 96 Resp: 136248

Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	267.0
98	64.9	0.0	129.6

96 100

61 130.2 0.0 267.0

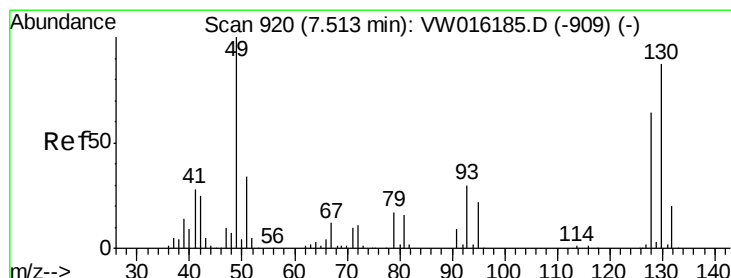
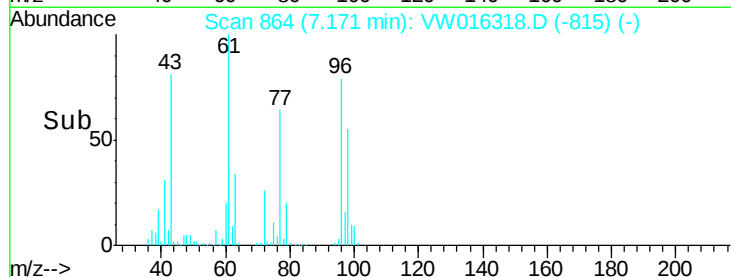
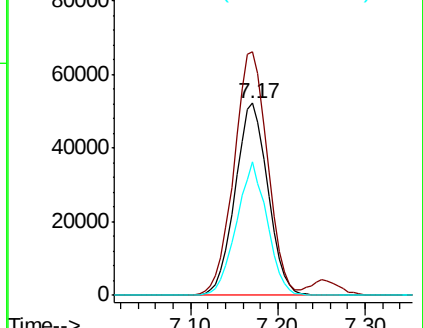
98 64.9 0.0 129.6



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: 49.915 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

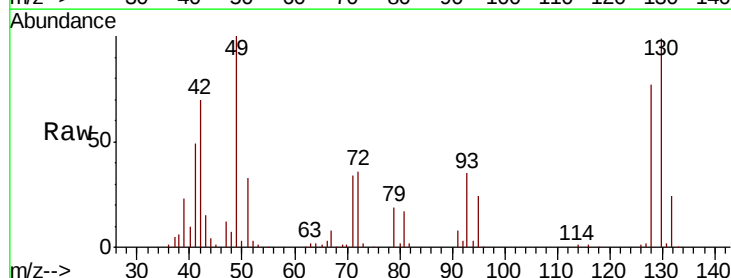
Tgt Ion: 49 Resp: 78257

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.2
130	93.9	69.9	104.9

49 100

129 0.4 0.0 4.2

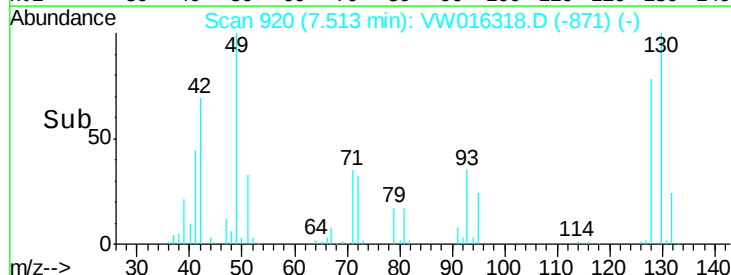
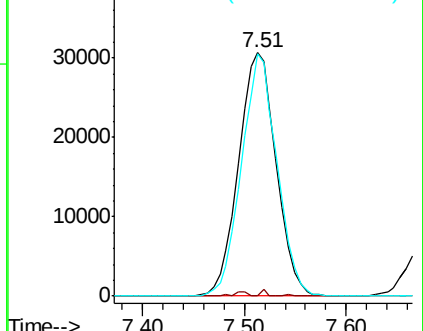
130 93.9 69.9 104.9

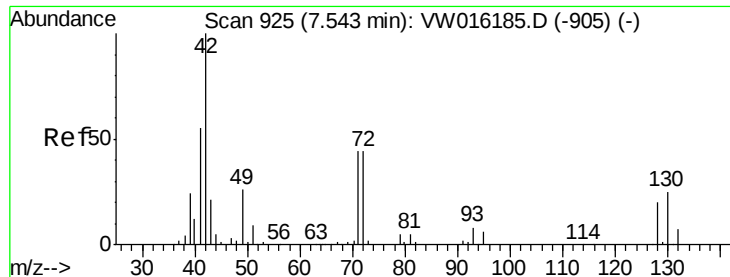


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 293.651 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

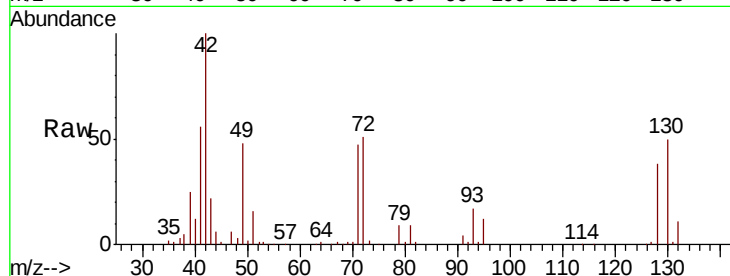
Tot Ion: 42 Resp: 94095

Ion Ratio Lower Upper

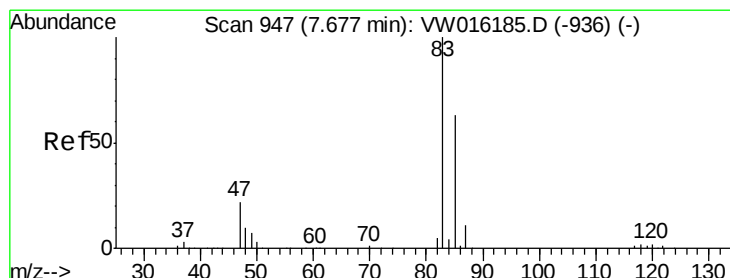
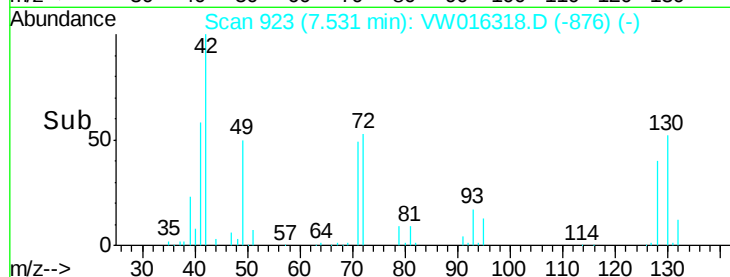
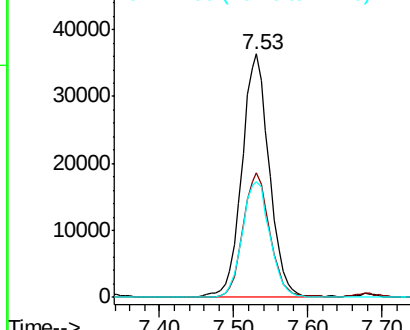
42 100

72 50.0 37.4 56.2

71 48.0 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: 50.120 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW016318.D

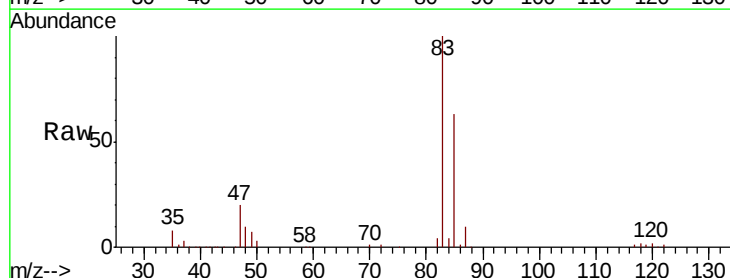
Acq: 21 Aug 2020 20:26

Tgt Ion: 83 Resp: 215196

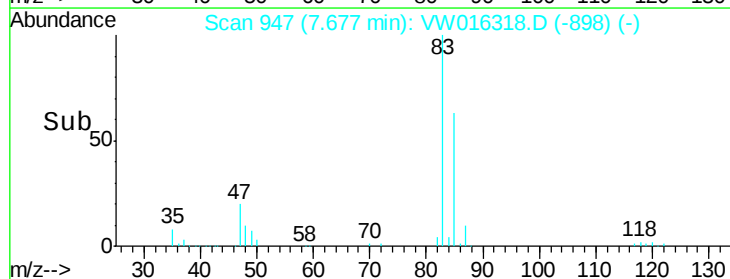
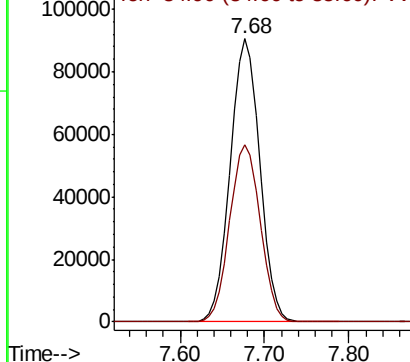
Ion Ratio Lower Upper

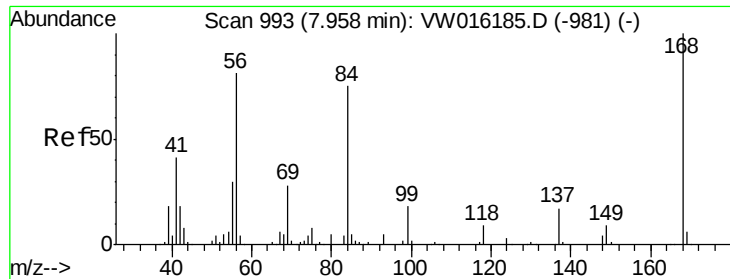
83 100

85 62.8 50.0 75.0



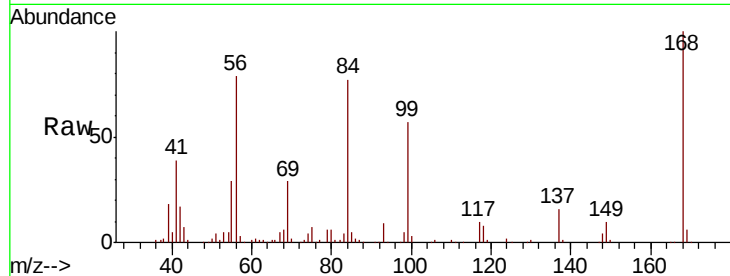
Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW



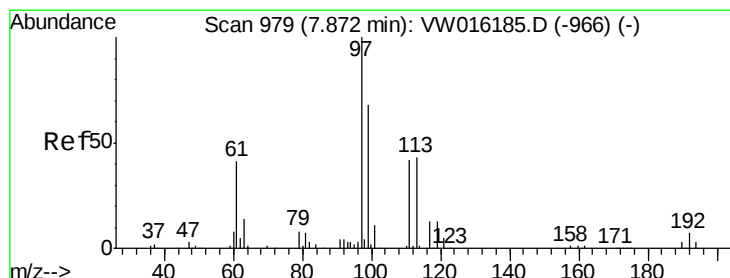
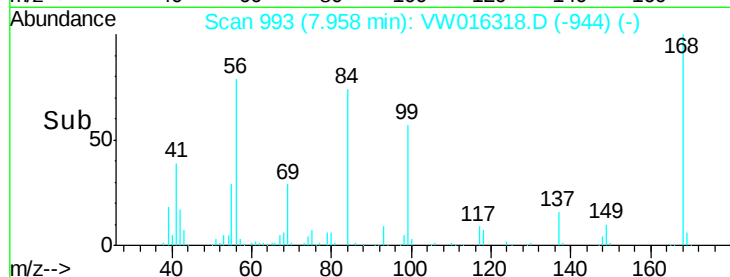
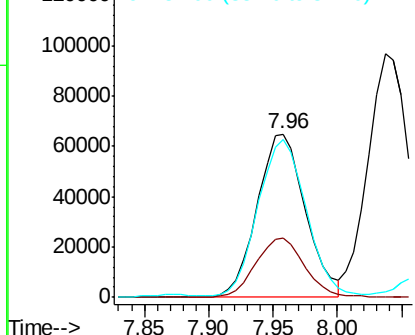


#31
Cyclohexane
Concen: 44.316 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tot Ion: 56 Resp: 168860
Ion Ratio Lower Upper
56 100
69 36.1 27.3 40.9
84 95.5 73.5 110.3

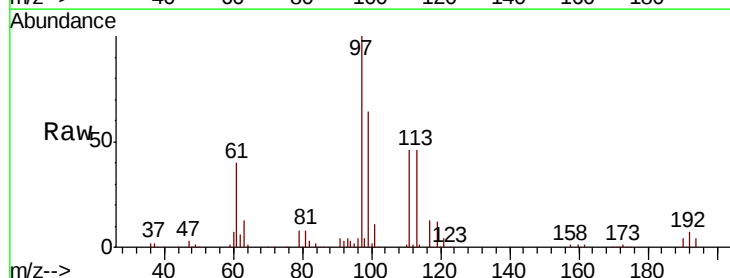


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

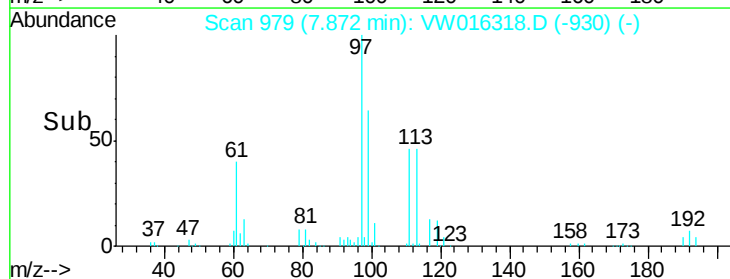
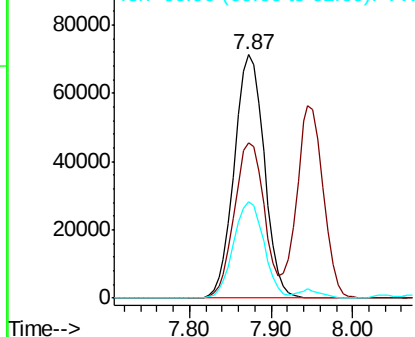


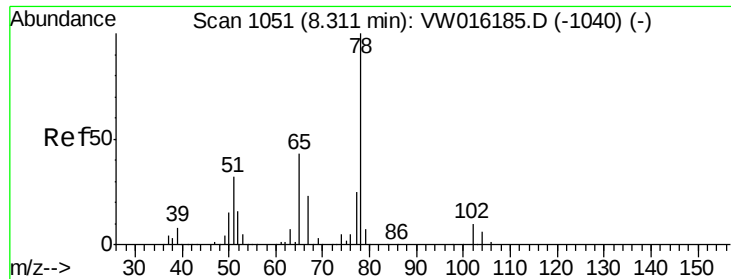
#32
1,1,1-Trichloroethane
Concen: 50.270 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion: 97 Resp: 181341
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 40.2 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: 53.300 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016318.D

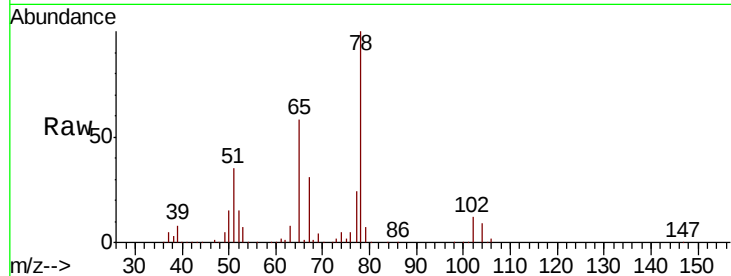
Acq: 21 Aug 2020 20:26

Tot Ion: 65 Resp: 111287

Ion Ratio Lower Upper

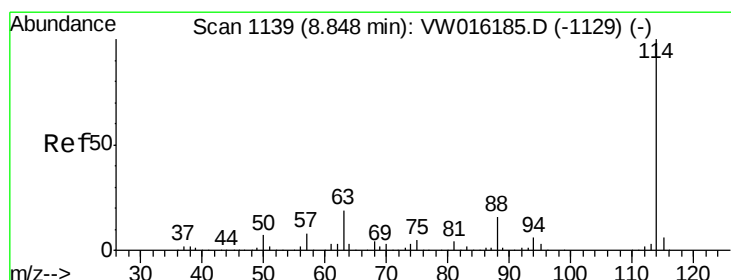
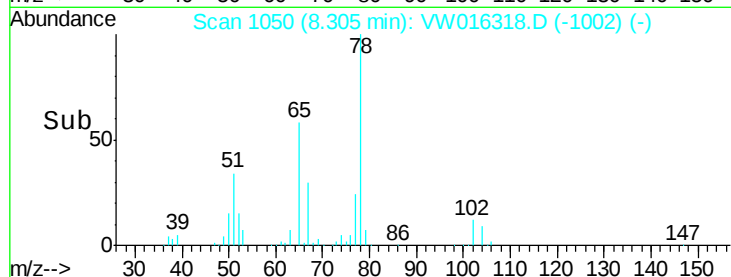
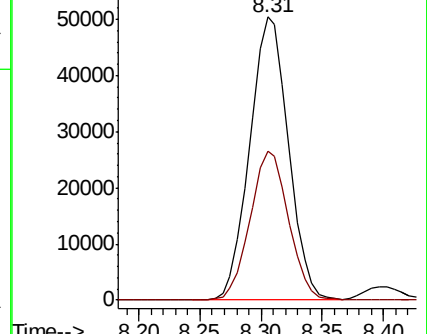
65 100

67 52.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

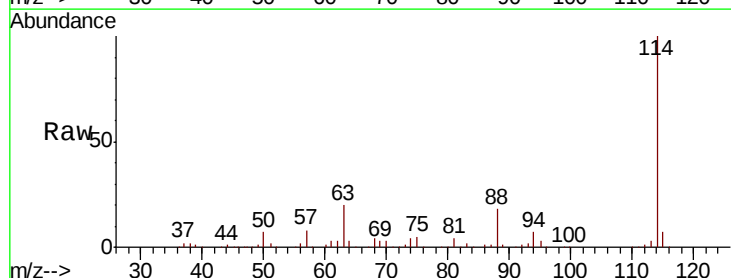
Tgt Ion: 114 Resp: 348741

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

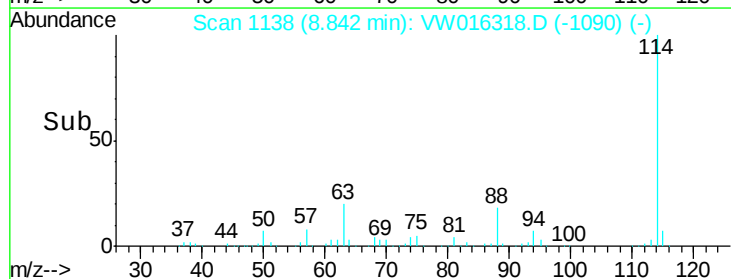
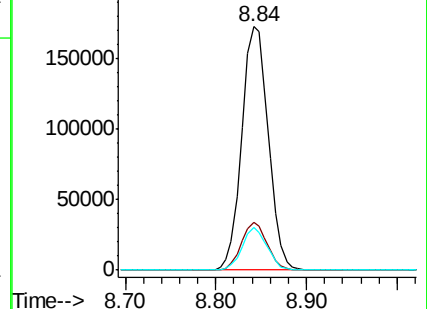
88 17.6 0.0 32.8

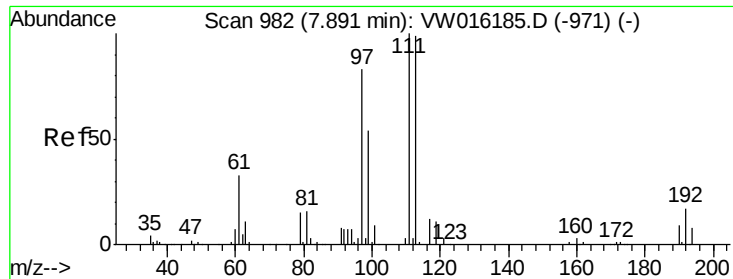


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

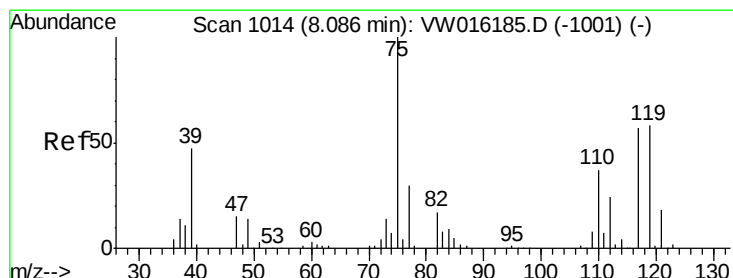
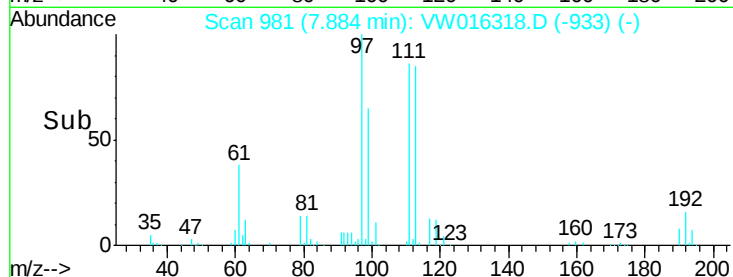
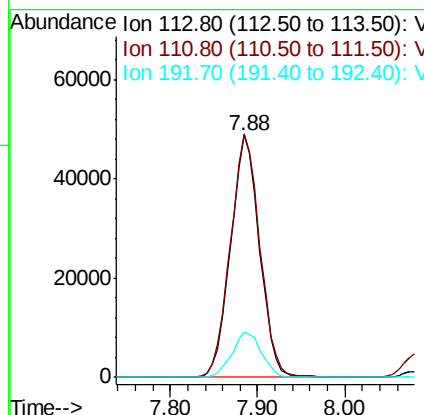
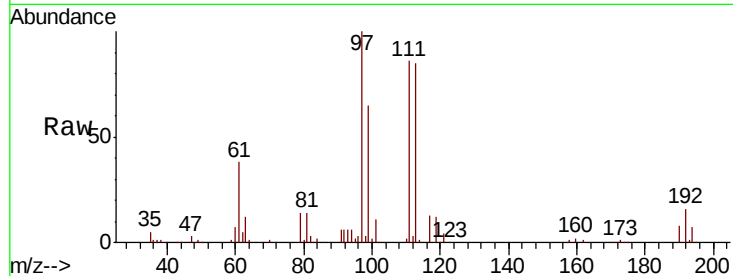
Ion 87.90 (87.60 to 88.60): VW





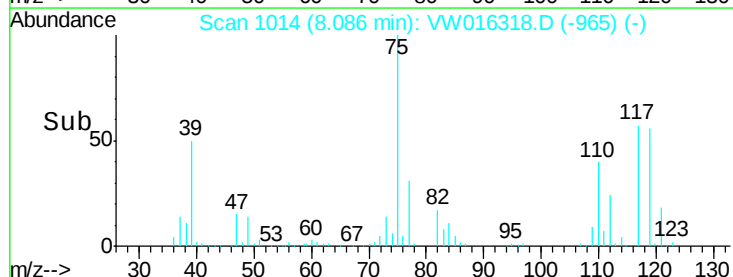
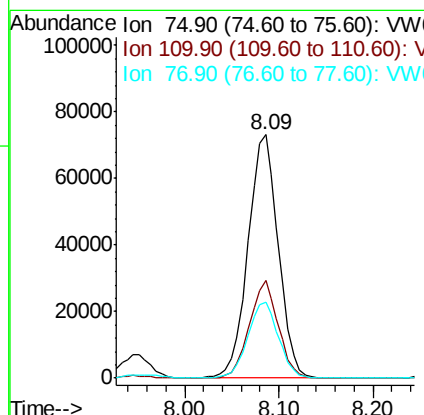
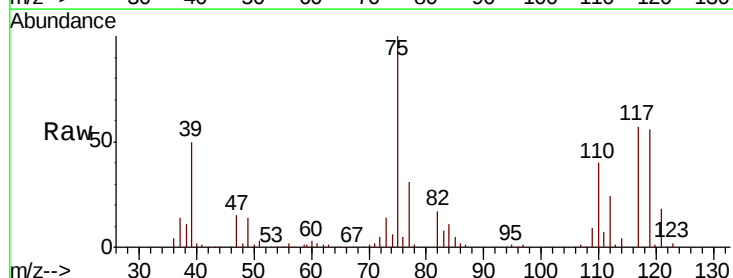
#35
 Dibromofluoromethane
 Concen: 51.989 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

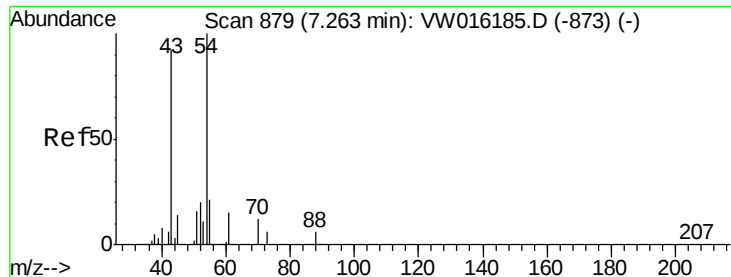
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.5	125.3
192	19.0	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 47.881 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

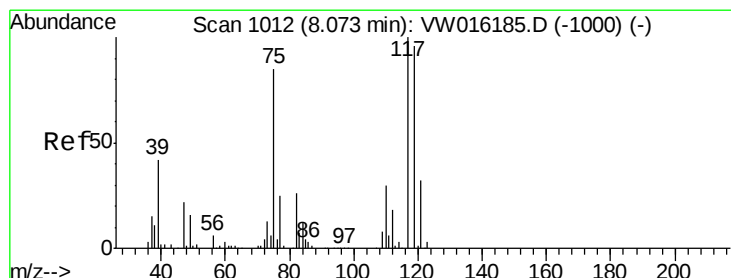
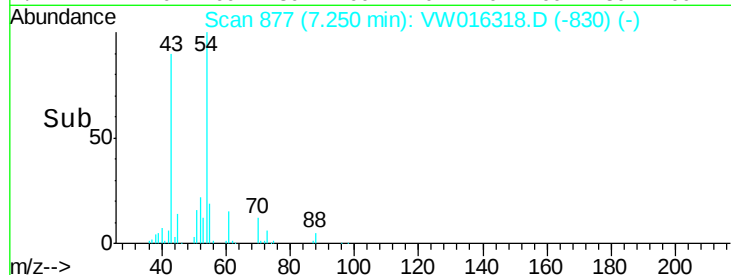
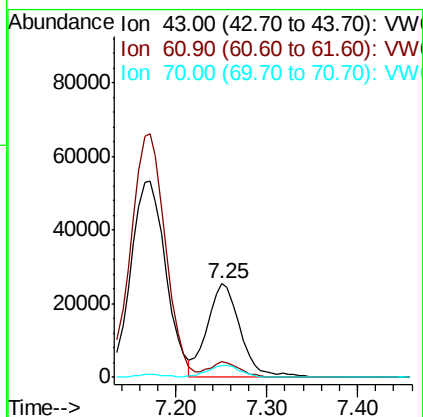
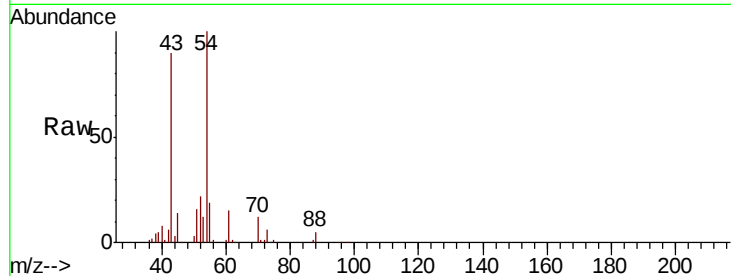
Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.1	54.3
77	31.7	24.7	37.1





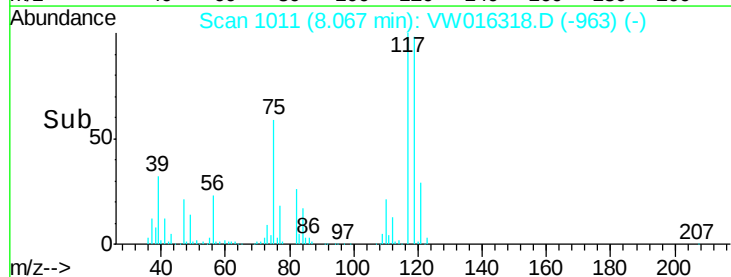
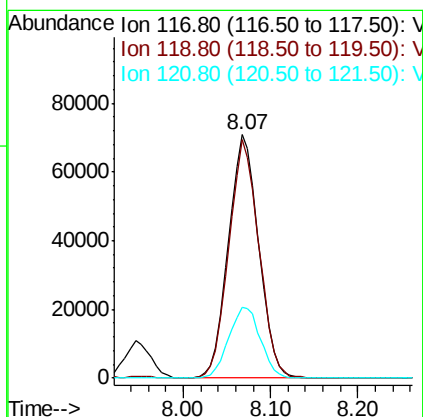
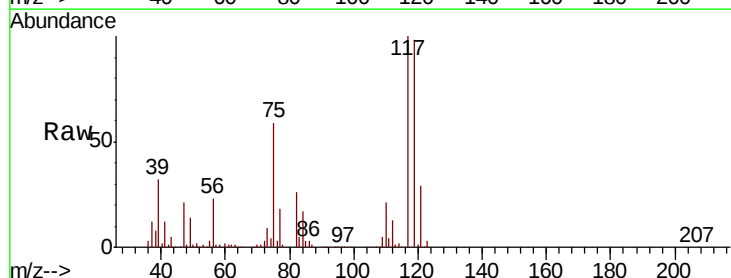
#37
Ethyl Acetate
Concen: 54.792 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

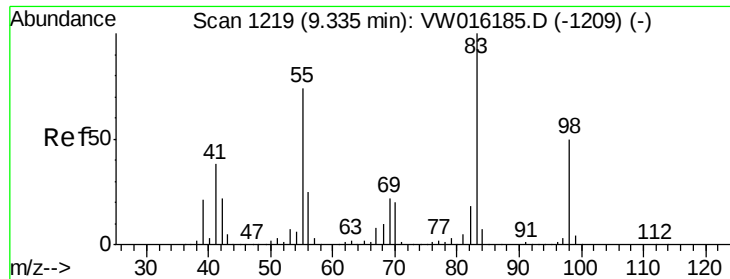
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.6	18.8
70	13.2	9.8	14.8



#38
Carbon Tetrachloride
Concen: 49.825 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.6	115.0
121	29.2	25.4	38.0





#39

Methvlcvclohexane

Concen: 49.137 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

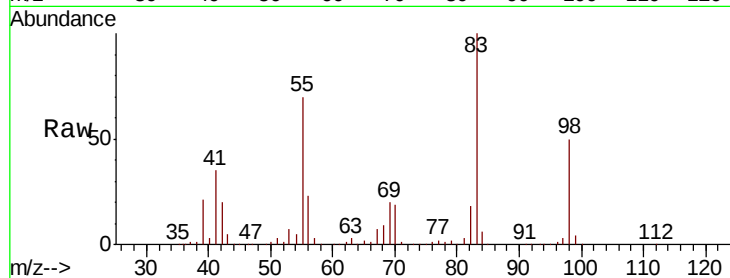
Tot Ion: 83 Resp: 203344

Ion	Ratio	Lower	Upper
83	100		
55	69.8	59.2	88.8
98	50.0	40.2	60.2

83 100

55 69.8 59.2 88.8

98 50.0 40.2 60.2



Abundance

Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

100000

50000

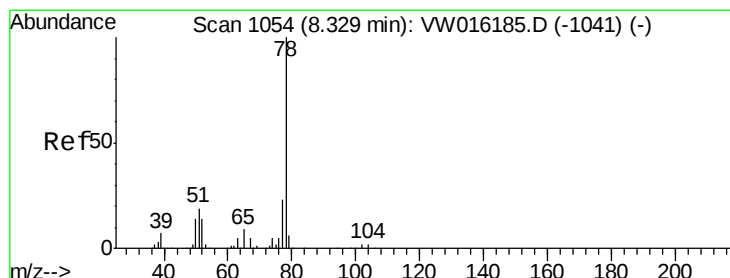
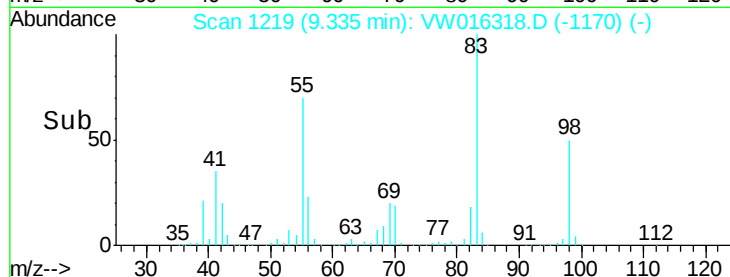
0

9.34

9.30

9.40

Time-->



#40

Benzene

Concen: 49.369 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW016318.D

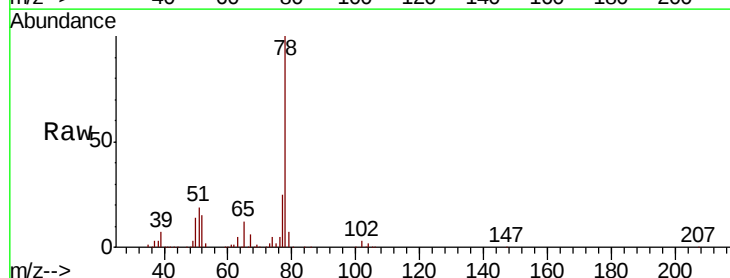
Acq: 21 Aug 2020 20:26

Tgt Ion: 78 Resp: 477153

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.6	28.0

78 100

77 24.6 18.6 28.0



Abundance

Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

250000

200000

150000

100000

50000

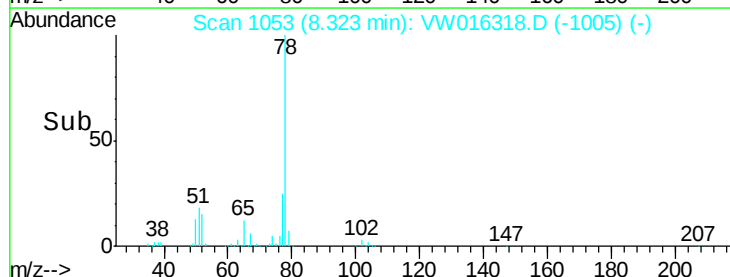
0

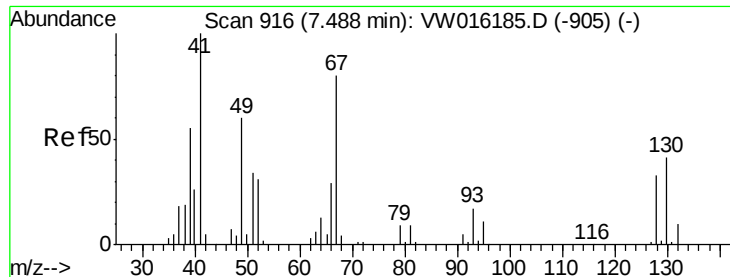
8.32

8.20

8.40

Time-->





#41

Methacrylonitrile

Concen: 55.028 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tot Ion: 41 Resp: 36993

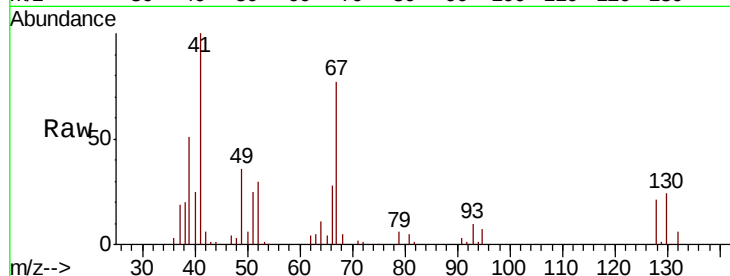
Ion Ratio Lower Upper

41 100

39 53.0 43.4 65.2

67 83.1 61.5 92.3

52 31.8 24.3 36.5

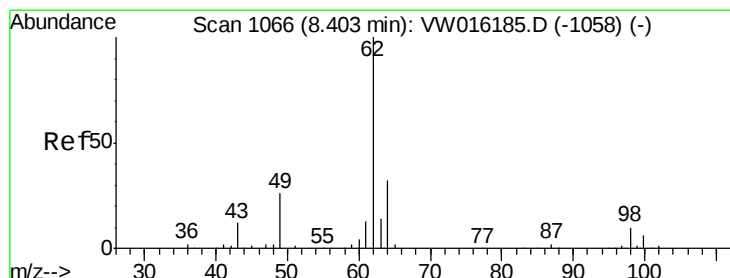
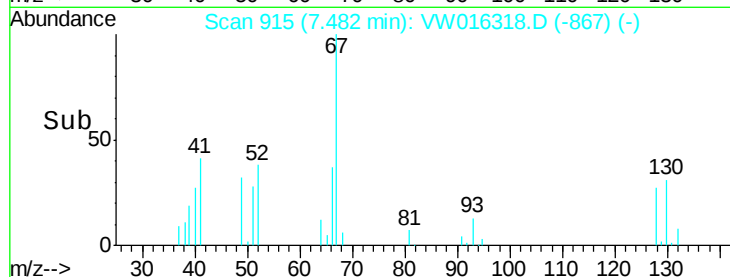
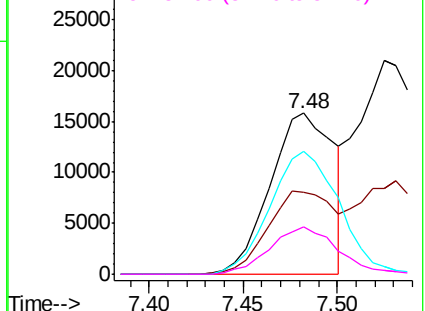


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 52.919 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016318.D

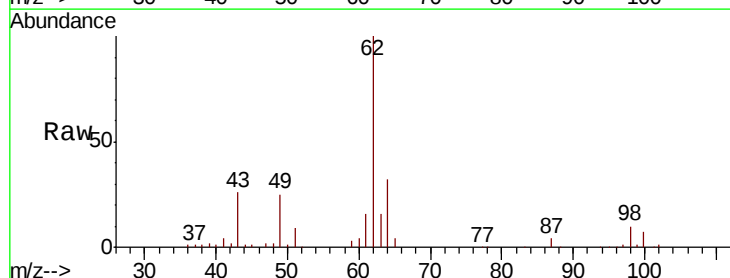
Acq: 21 Aug 2020 20:26

Tgt Ion: 62 Resp: 135081

Ion Ratio Lower Upper

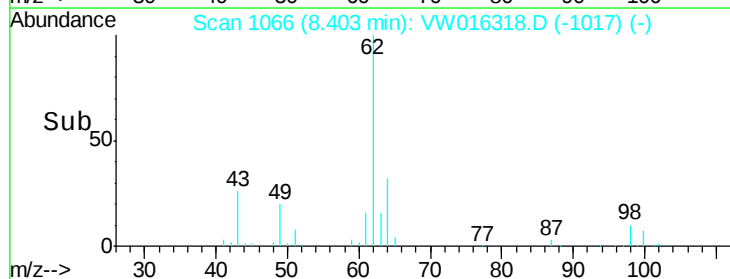
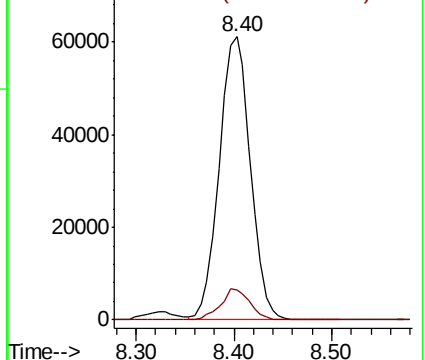
62 100

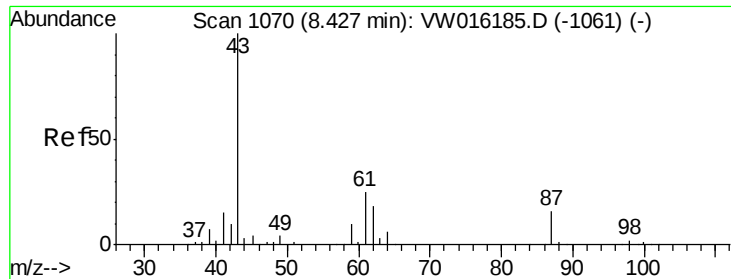
98 10.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 55.755 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

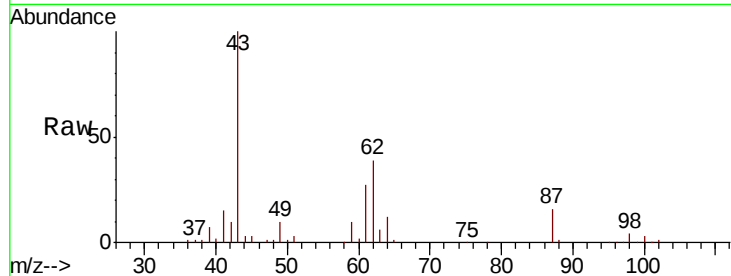
Tot Ion: 43 Resp: 123556

Ion Ratio Lower Upper

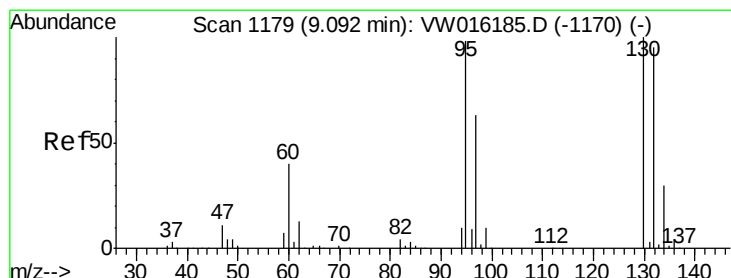
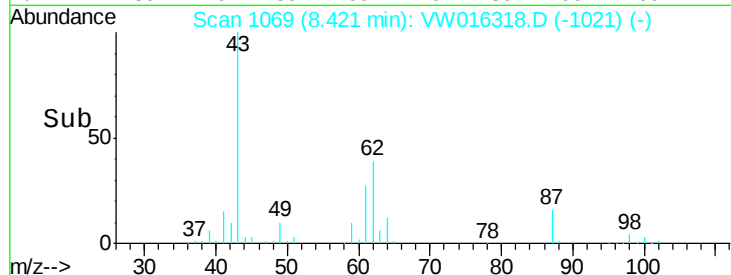
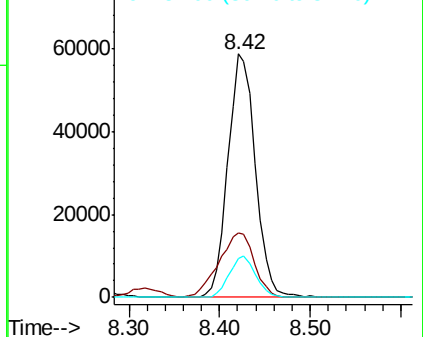
43 100

61 34.3 26.9 40.3

87 16.2 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: 48.421 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016318.D

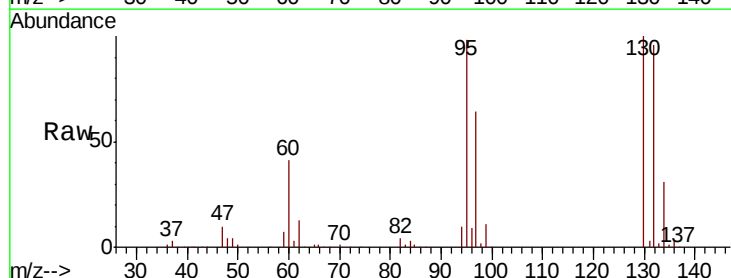
Acq: 21 Aug 2020 20:26

Tgt Ion: 130 Resp: 132544

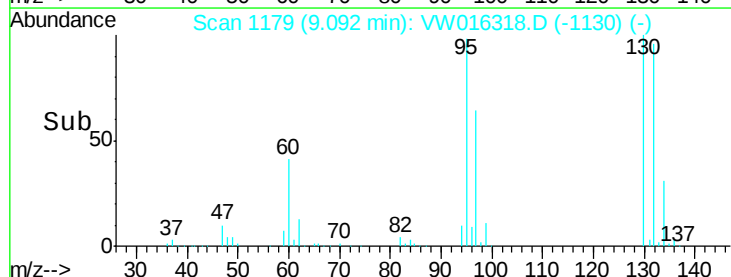
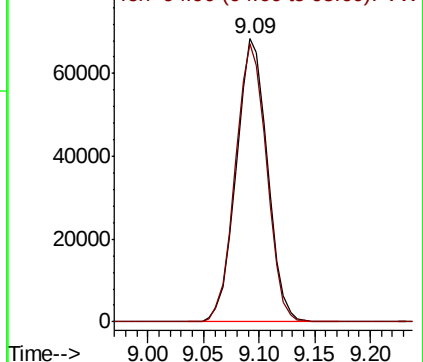
Ion Ratio Lower Upper

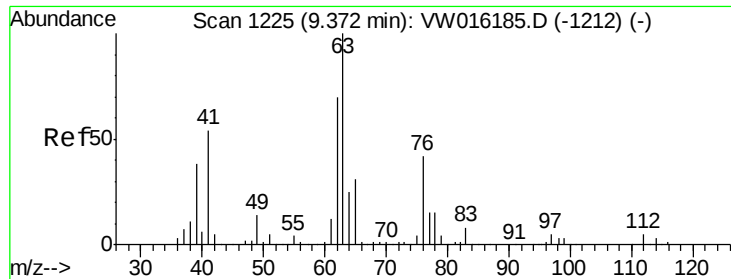
130 100

95 98.3 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: 48.736 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016318.D

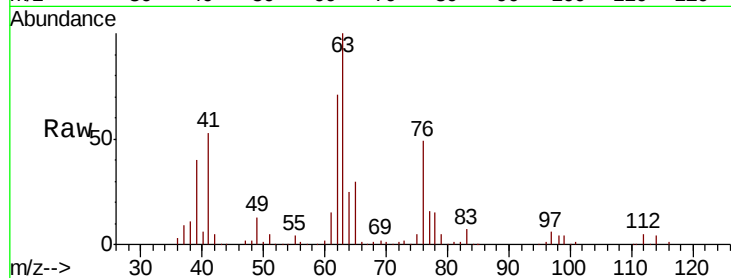
Acq: 21 Aug 2020 20:26

Tot Ion: 63 Resp: 111034

Ion Ratio Lower Upper

63 100

65 29.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

60000

50000

40000

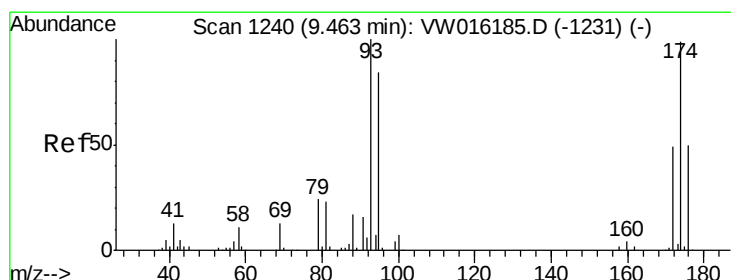
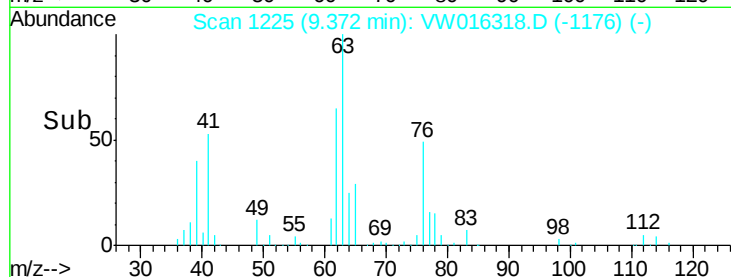
30000

20000

10000

0

Time-->



#46

Dibromomethane

Concen: 53.611 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

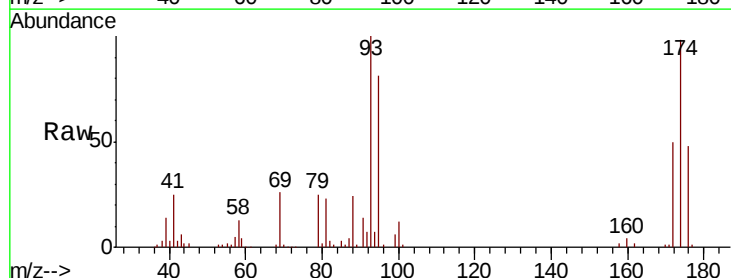
Tgt Ion: 93 Resp: 64124

Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 100.9 77.0 115.6



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

9.46

40000

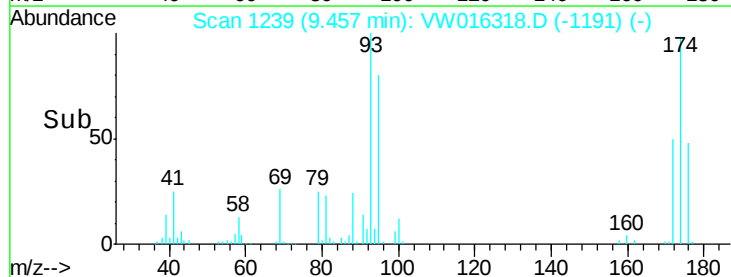
30000

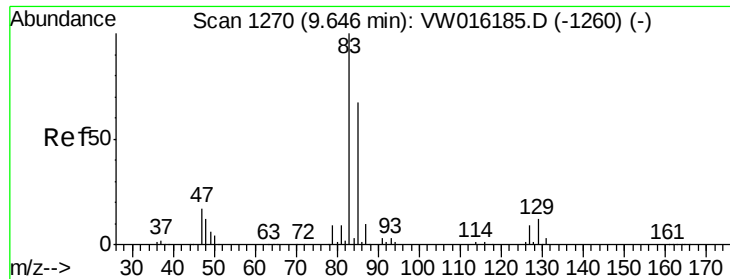
20000

10000

0

Time-->





#47

Bromodichloromethane

Concen: 52.577 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

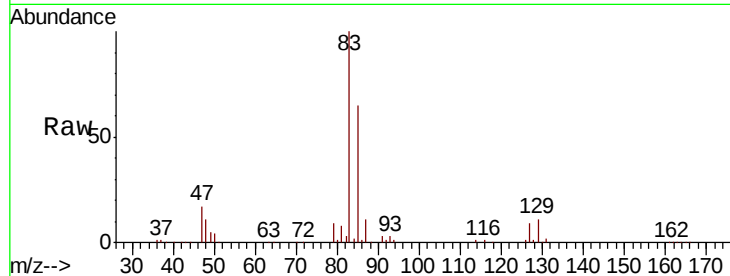
Tot Ion: 83 Resp: 162479

Ion Ratio Lower Upper

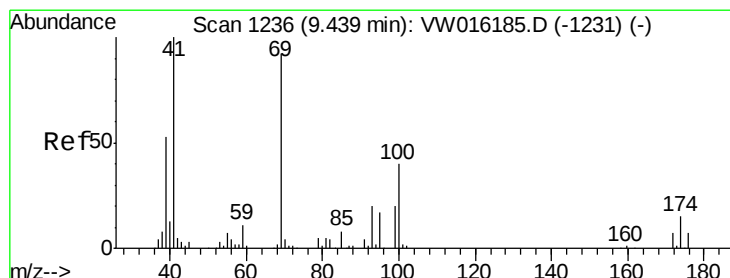
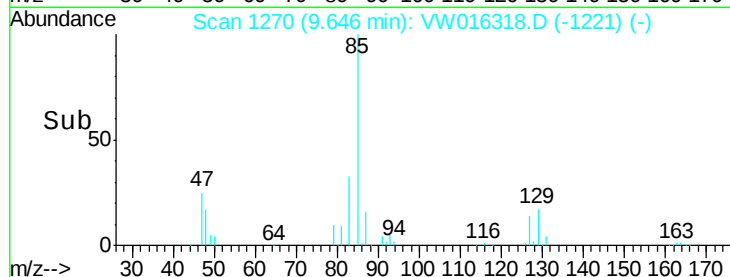
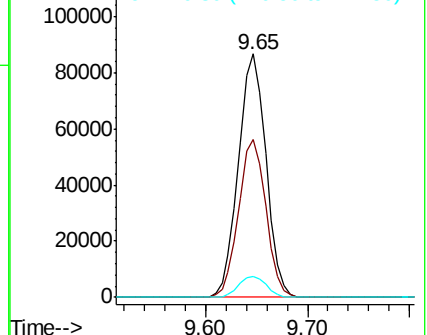
83 100

85 64.9 53.3 79.9

127 8.8 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: 57.156 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

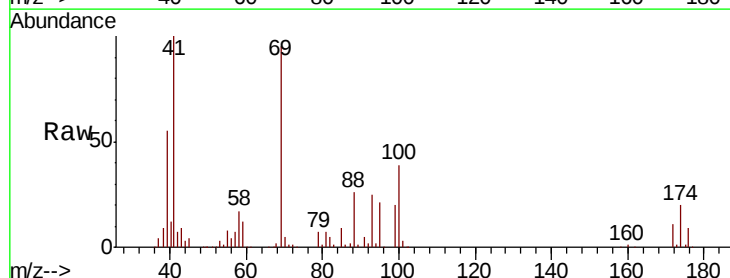
Tgt Ion: 41 Resp: 58882

Ion Ratio Lower Upper

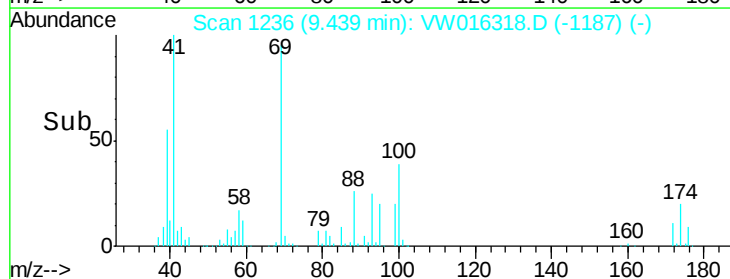
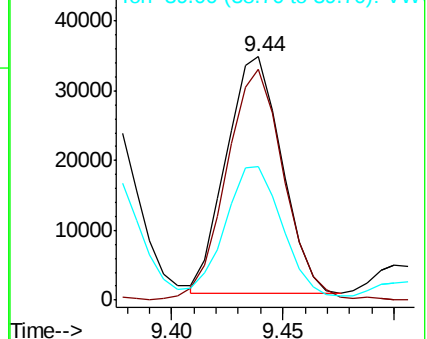
41 100

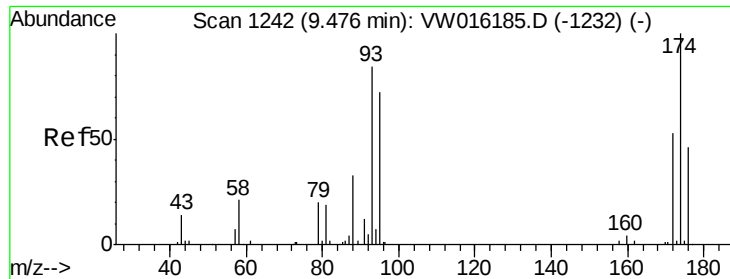
69 102.1 77.4 116.0

39 60.3 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: 1440.303 ug/l

RT: 9.45 min Scan# 1237

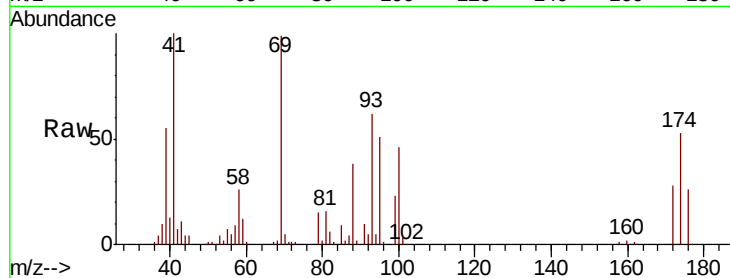
Delta R.T. -0.03 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tot Ion: 88 Resp: 21693

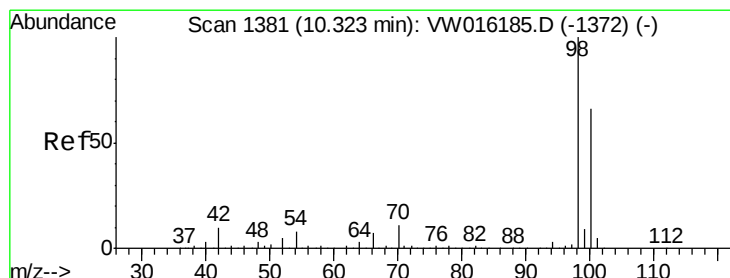
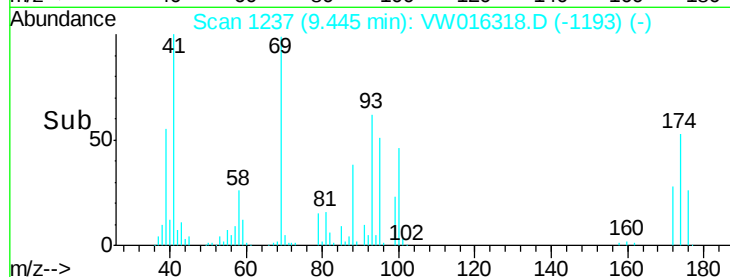
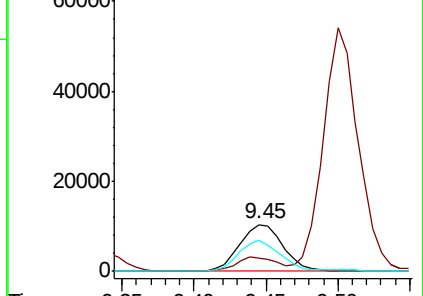
Ion	Ratio	Lower	Upper
88	100		
43	28.7	0.0	0.0#
58	64.8	56.6	84.8



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: 51.524 ug/l

RT: 10.32 min Scan# 1381

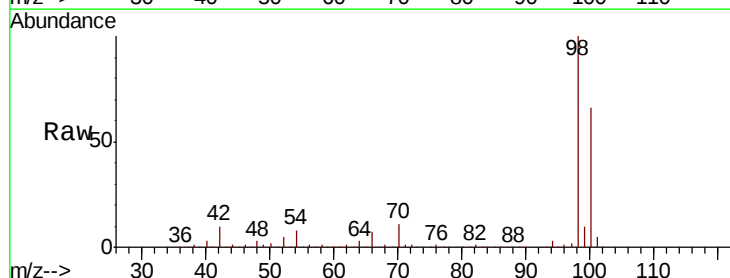
Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

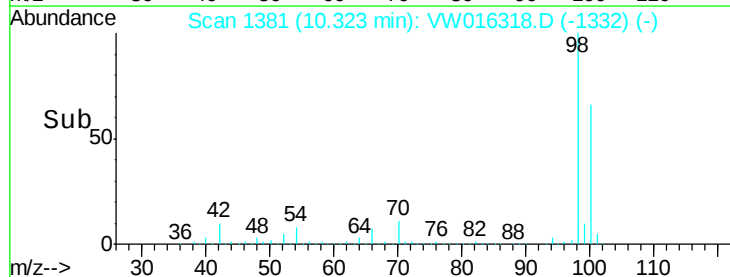
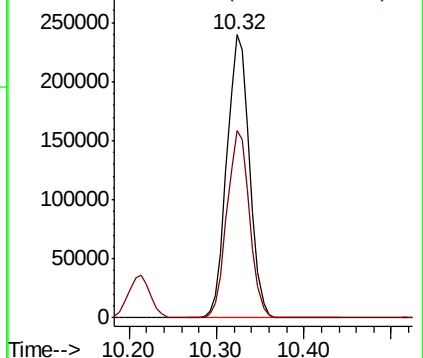
Tgt Ion: 98 Resp: 429147

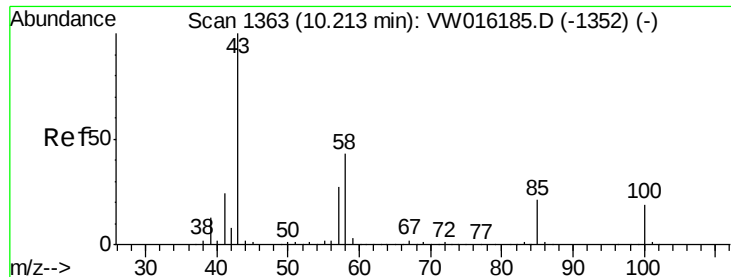
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.5	80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

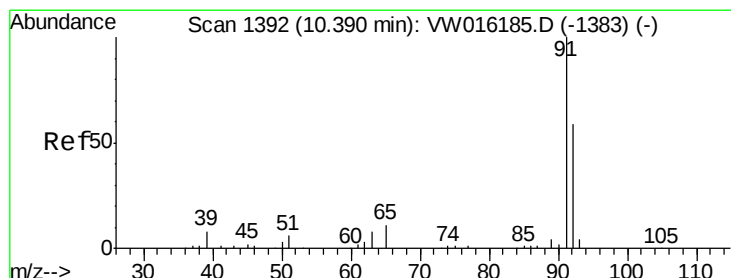
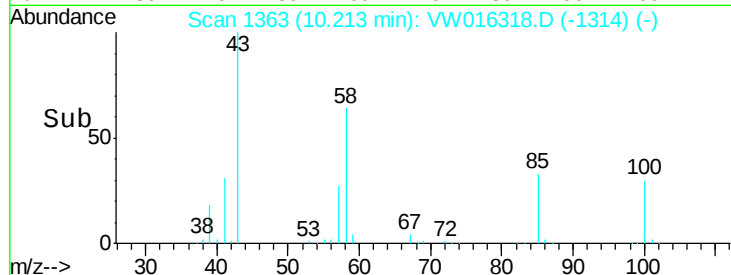
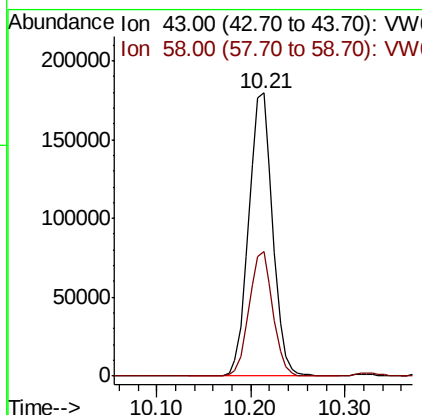
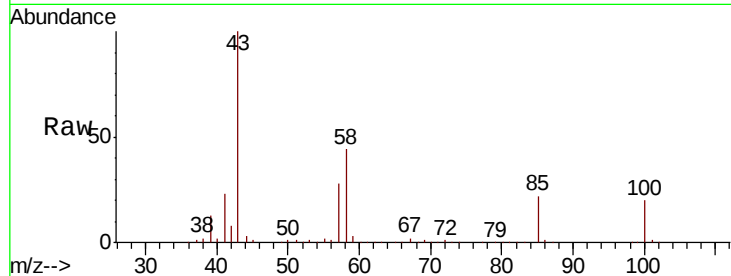
Ion 100.00 (99.70 to 100.70): VW





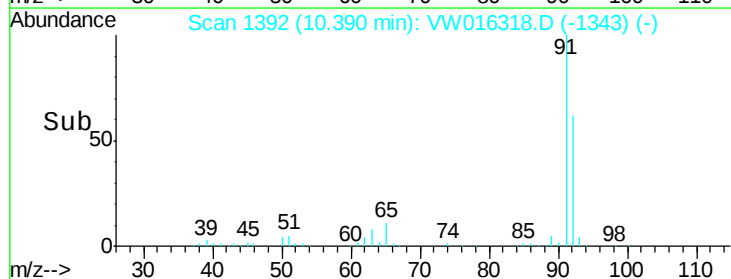
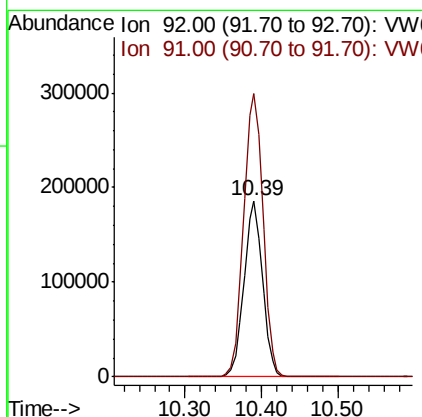
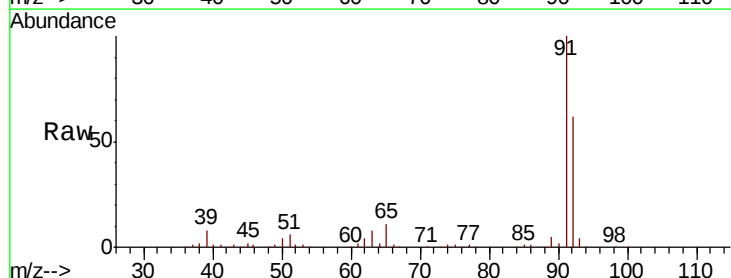
#51
 4-Methyl-2-Pentanone
 Concen: 286.065 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

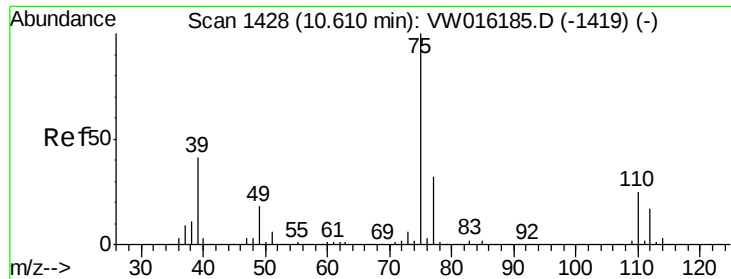
Tot Ion: 43 Resp: 320627
 Ion Ratio Lower Upper
 43 100
 58 43.5 33.7 50.5



#52
 Toluene
 Concen: 50.236 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

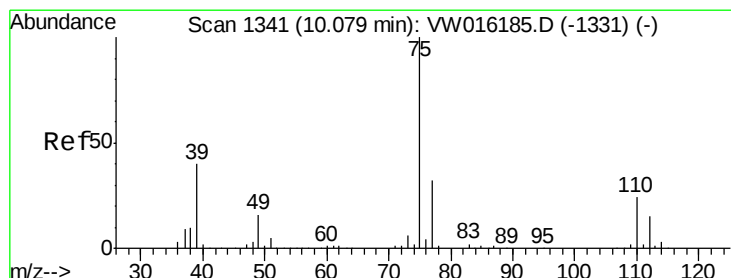
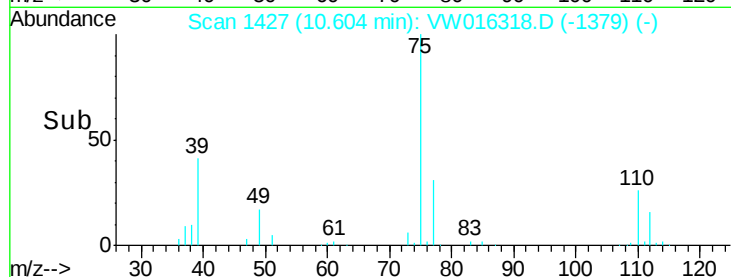
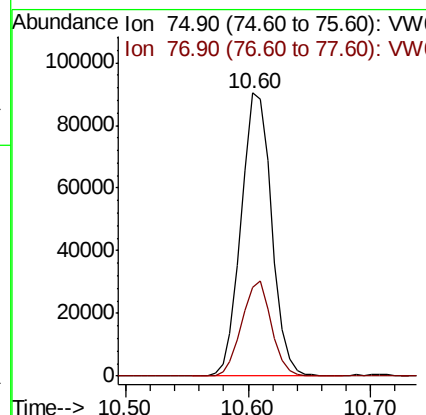
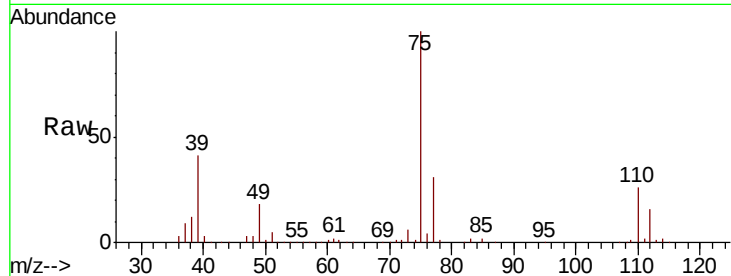
Tgt Ion: 92 Resp: 310907
 Ion Ratio Lower Upper
 92 100
 91 169.0 133.3 199.9





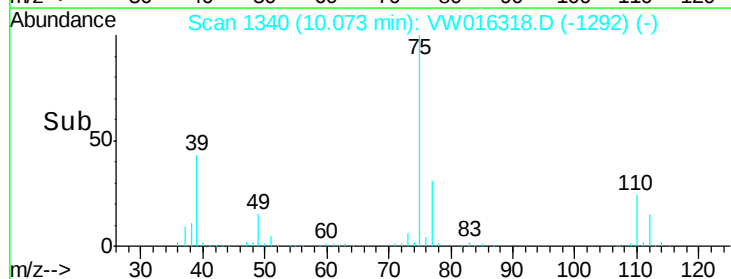
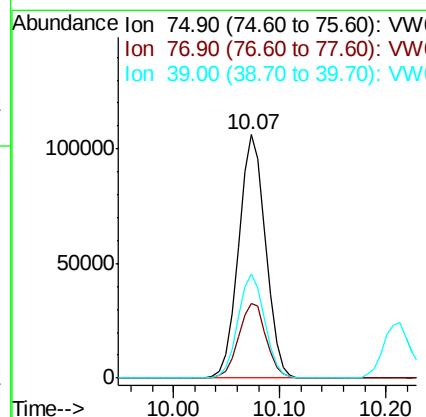
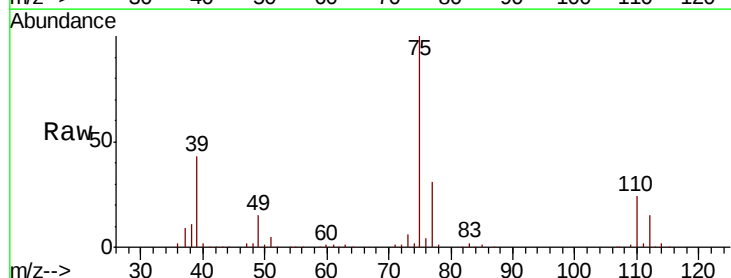
#53
 t-1,3-Dichloropropene
 Concen: 54.612 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

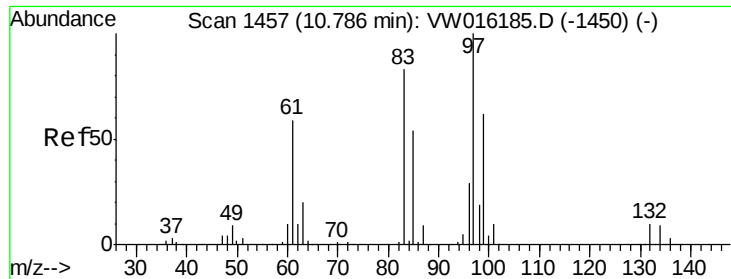
Tot Ion: 75 Resp: 156266
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.066 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

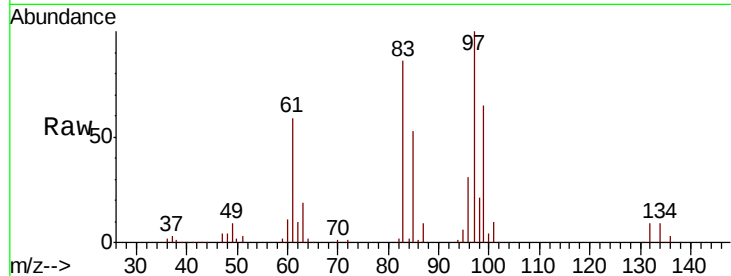
Tgt Ion: 75 Resp: 188715
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9
 39 42.9 32.3 48.5



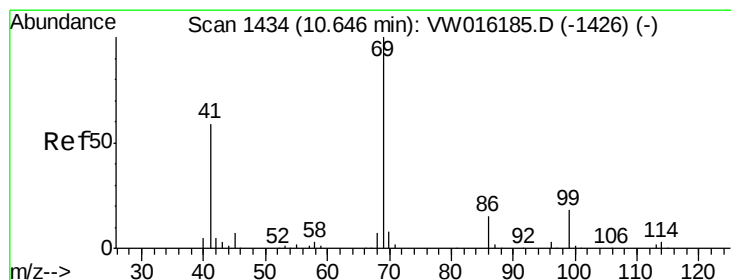
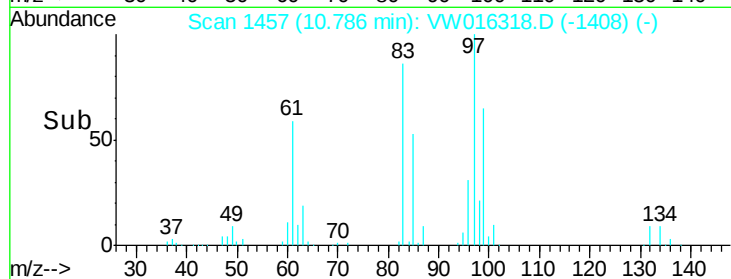
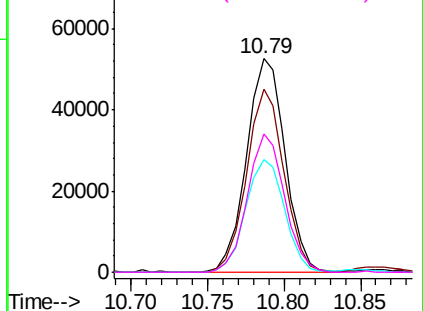


#55
 1,1,2-Trichloroethane
 Concen: 53.307 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tot Ion:	97	Resp:	91488
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.6	100.0
85	52.6	43.0	64.4
99	64.8	49.4	74.2

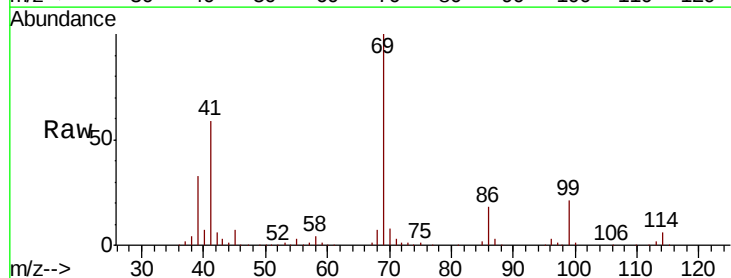


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

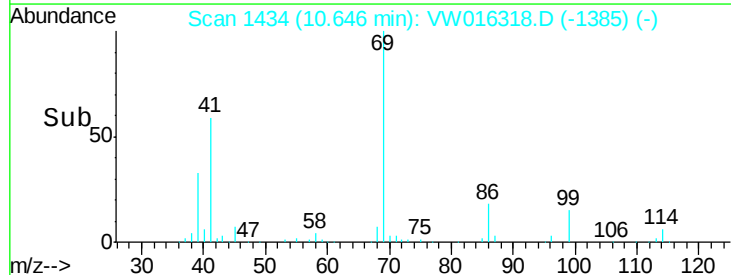
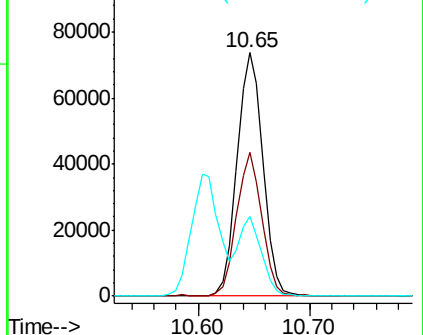


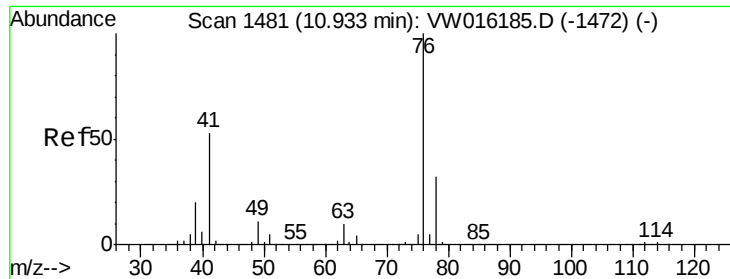
#56
 Ethyl methacrylate
 Concen: 60.626 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion:	69	Resp:	118657
Ion	Ratio	Lower	Upper
69	100		
41	57.3	47.6	71.4
39	29.4	24.6	36.8



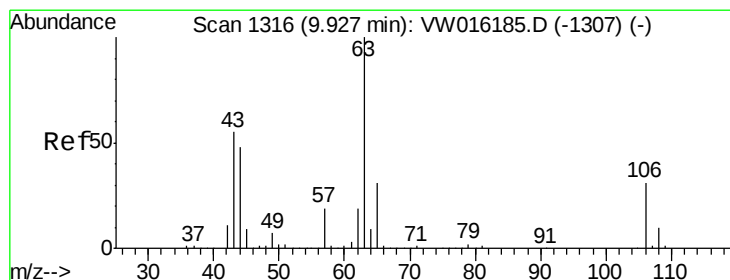
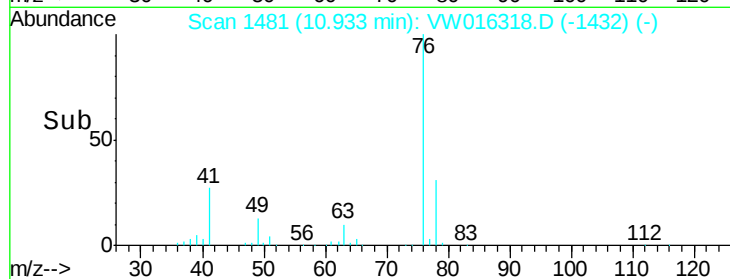
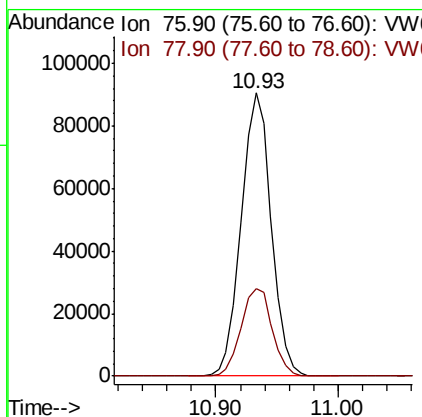
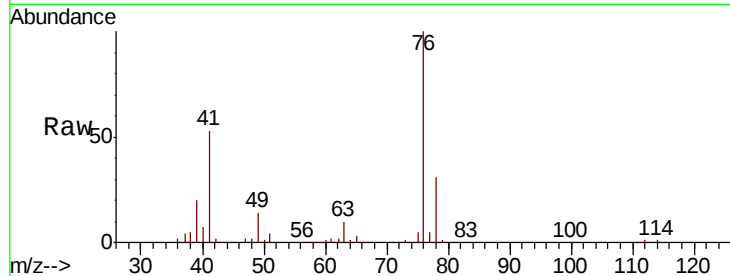
Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





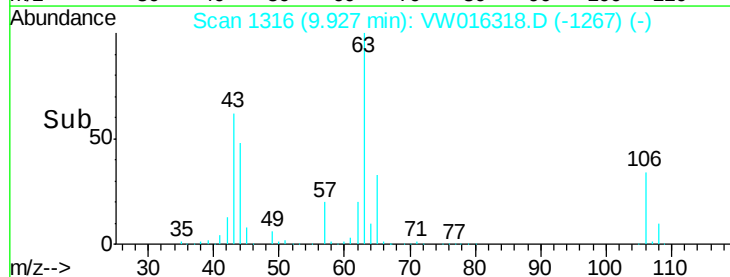
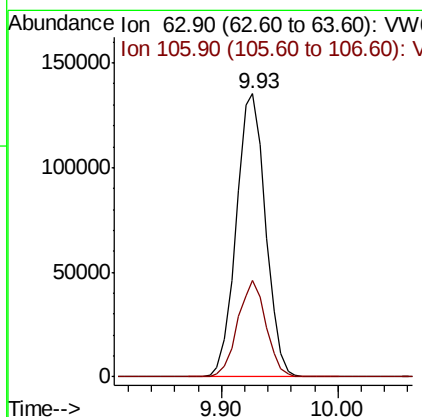
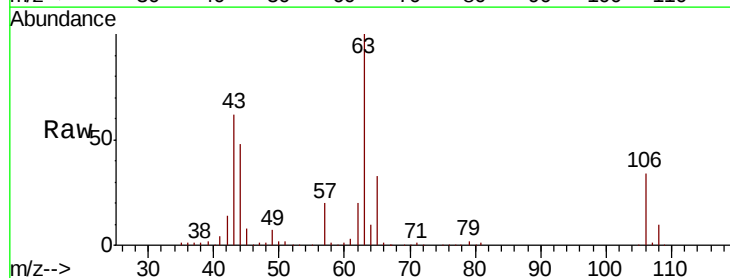
#57
 1,3-Dichloropropane
 Concen: 52.673 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

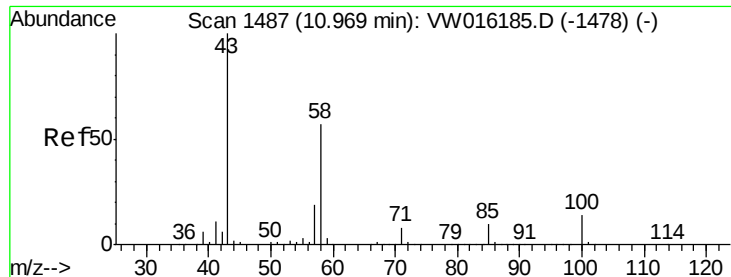
Tot Ion: 76 Resp: 153808
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.688 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

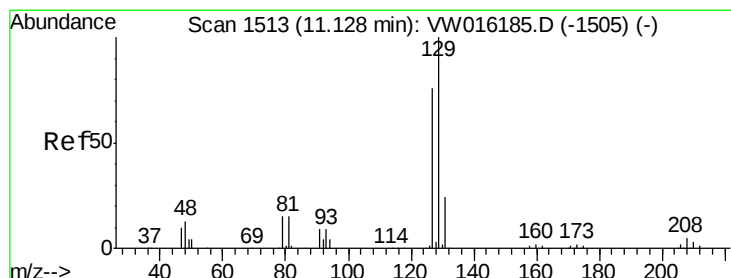
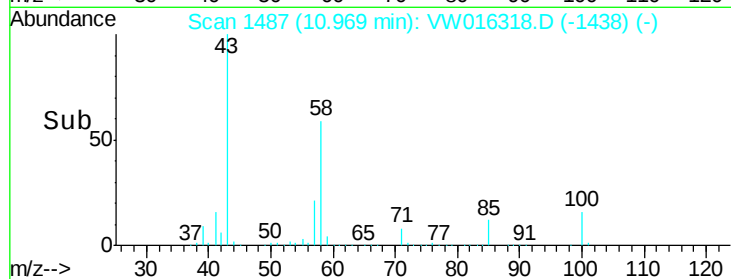
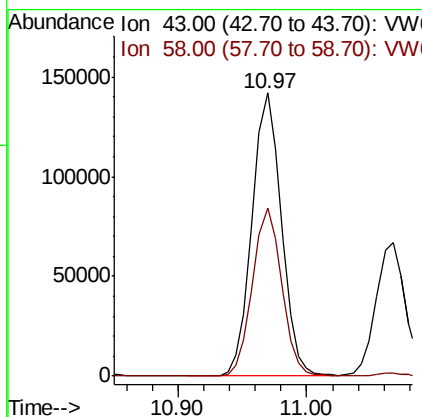
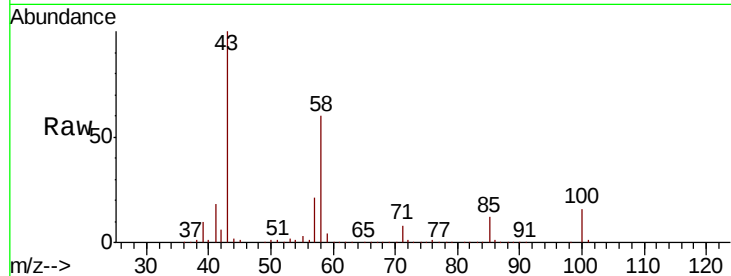
Tgt Ion: 63 Resp: 237085
 Ion Ratio Lower Upper
 63 100
 106 32.9 24.9 37.3





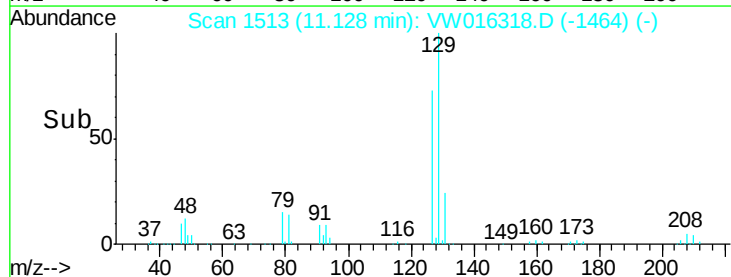
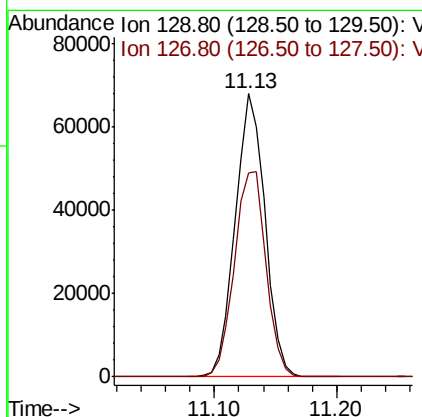
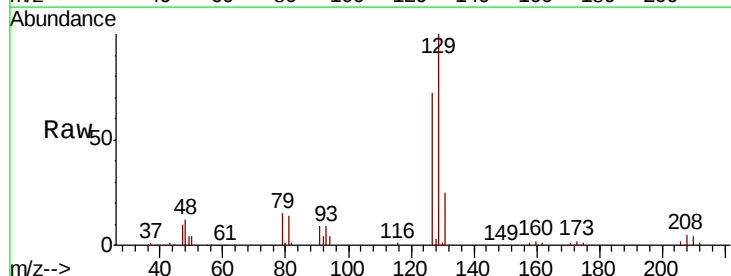
#59
2-Hexanone
Concen: 291.642 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

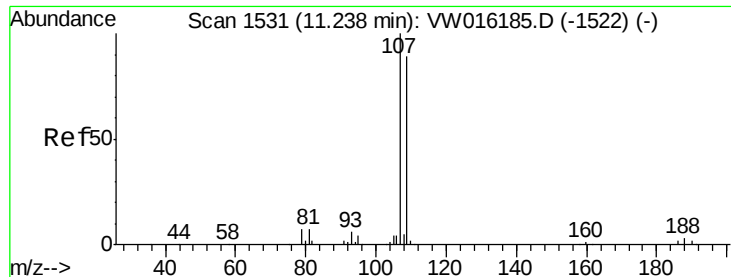
Tot Ion: 43 Resp: 223620
Ion Ratio Lower Upper
43 100
58 59.0 28.8 86.5



#60
Dibromochloromethane
Concen: 56.094 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

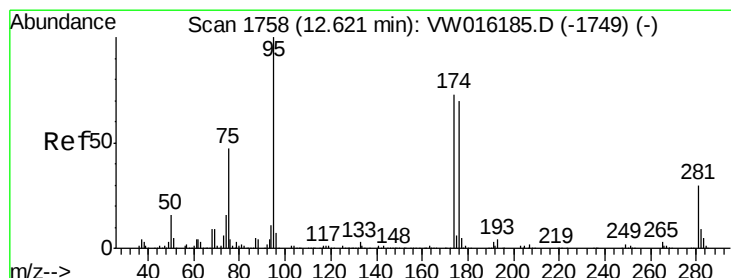
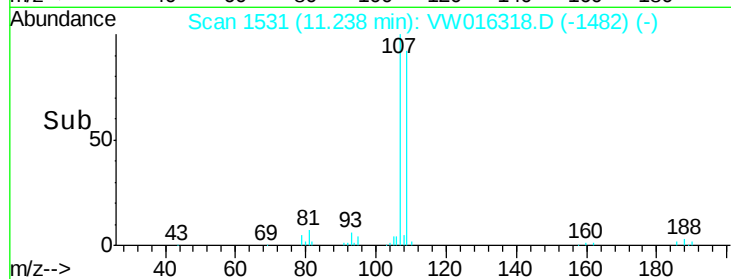
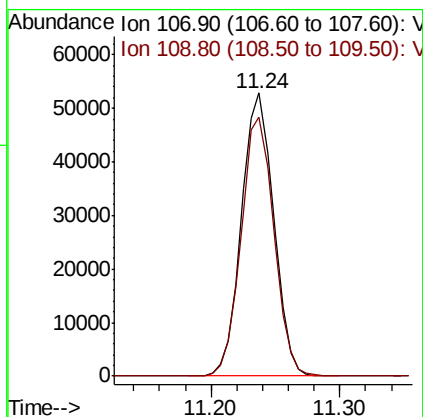
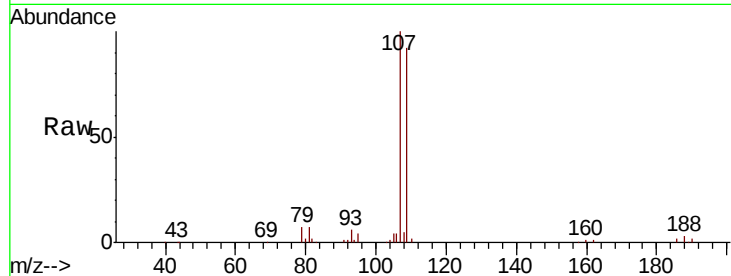
Tgt Ion: 129 Resp: 114524
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





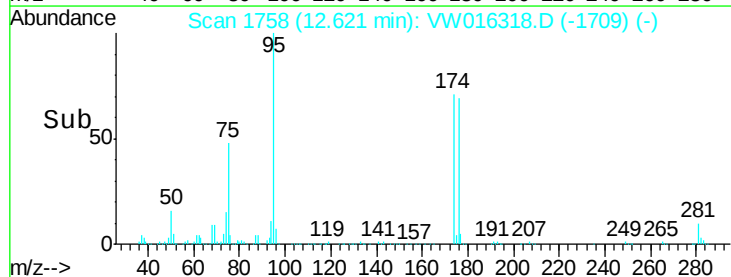
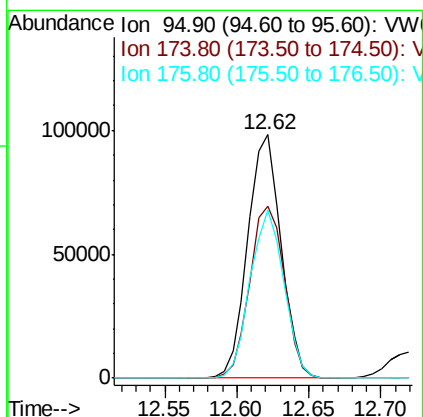
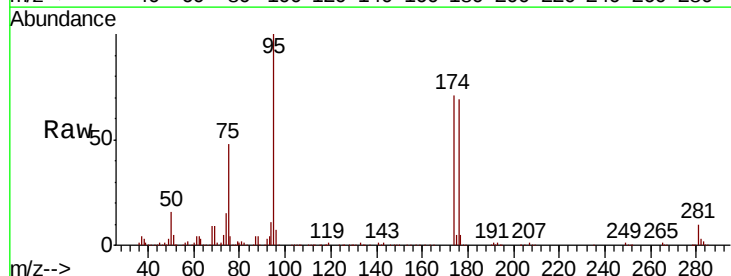
#61
 1,2-Dibromoethane
 Concen: 55.240 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

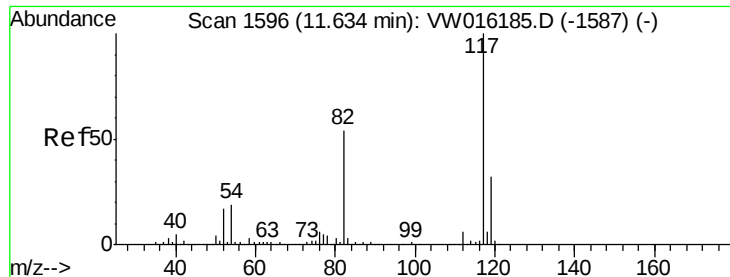
Tot Ion:107 Resp: 91263
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 52.678 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

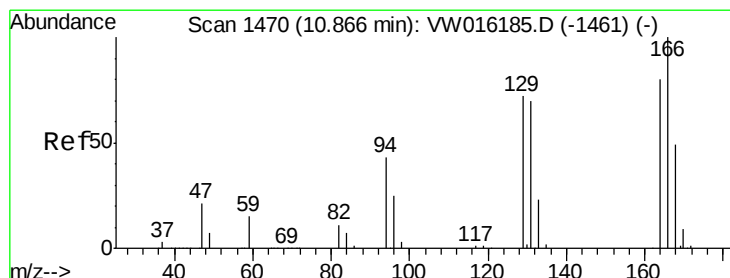
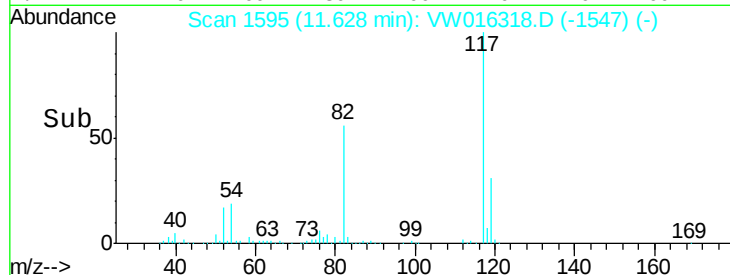
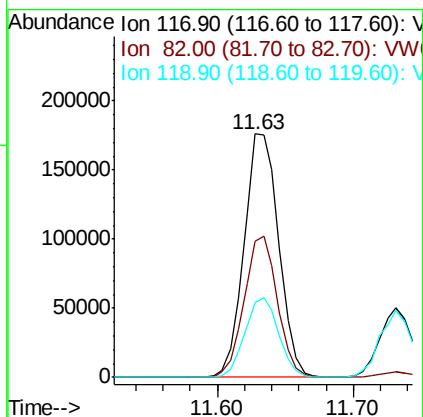
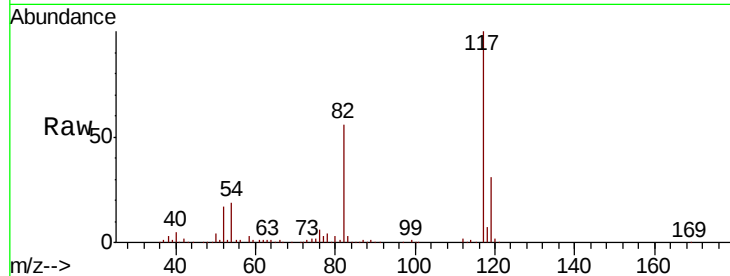
Tgt Ion: 95 Resp: 156836
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 145.6
 176 70.0 0.0 137.8





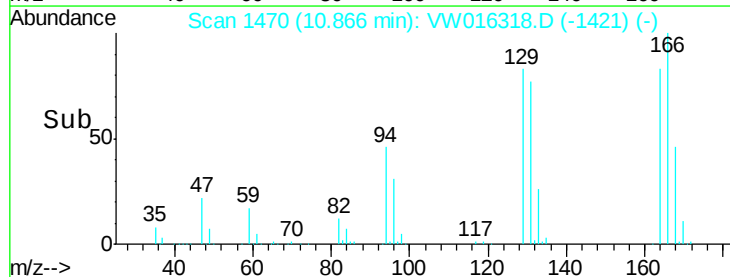
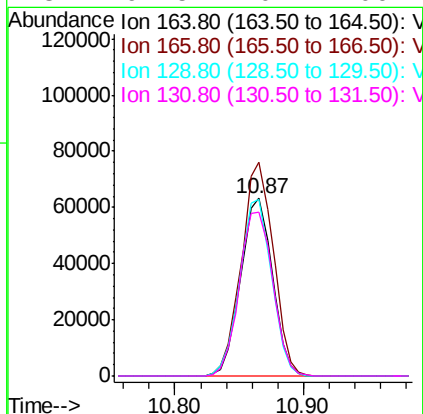
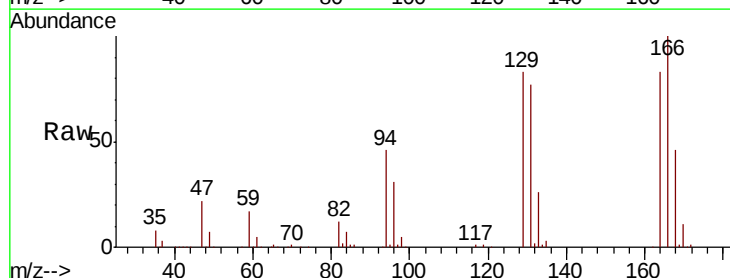
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

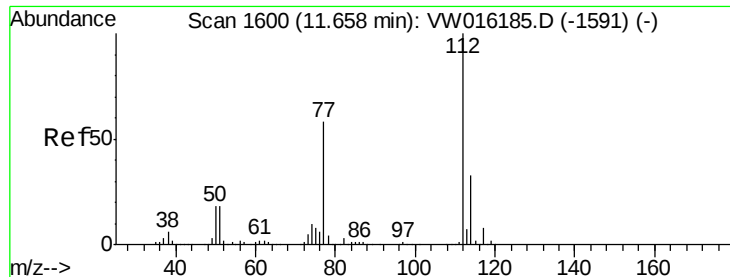
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.6	65.4
119	30.7	25.4	38.0



#64
Tetrachloroethene
Concen: 52.441 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

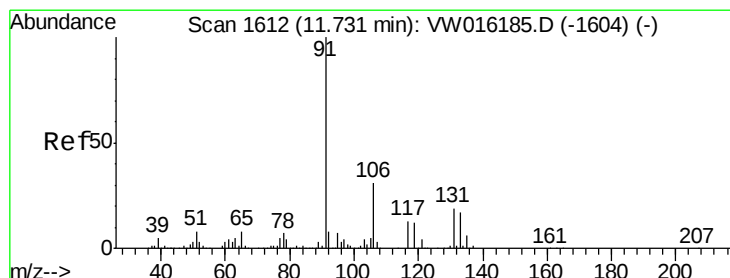
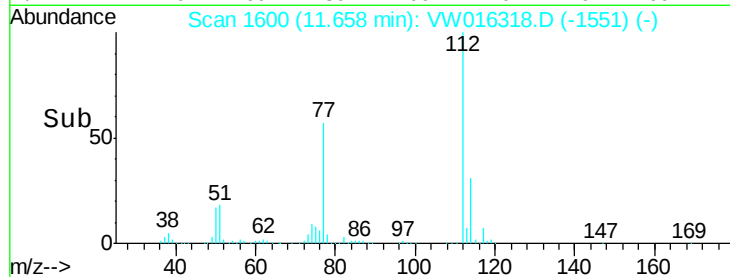
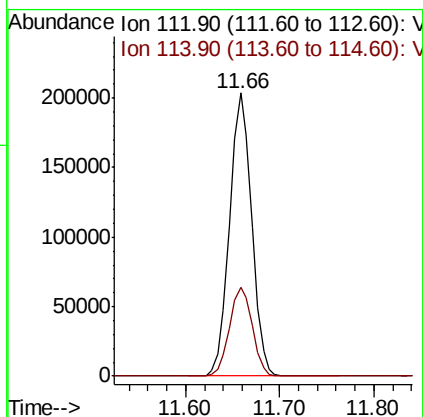
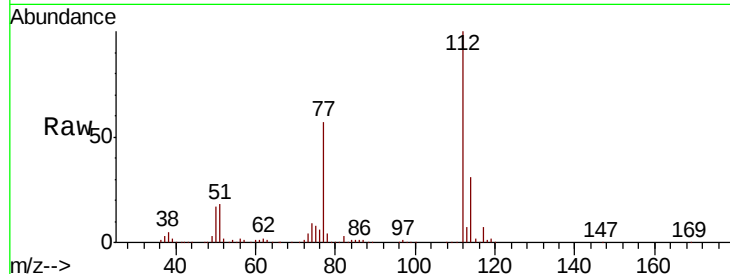
Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.4	100.3	150.5
129	99.7	72.2	108.4
131	92.5	70.7	106.1





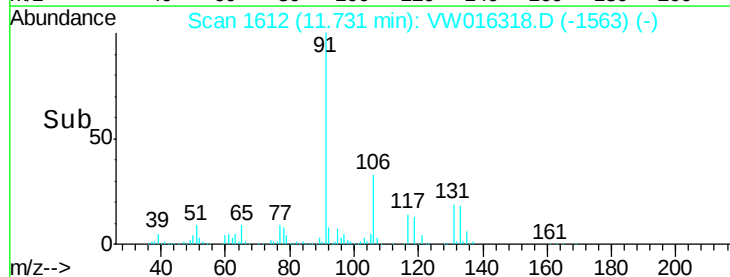
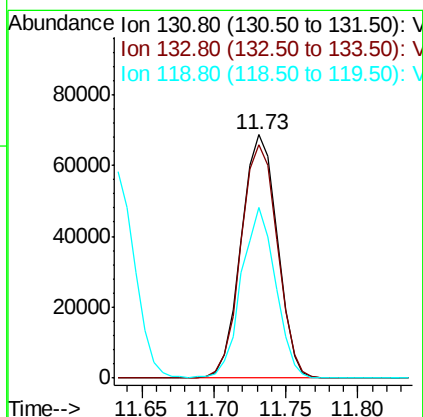
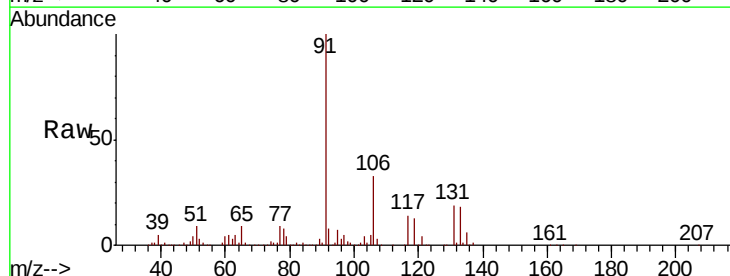
#65
Chlorobenzene
Concen: 51.539 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

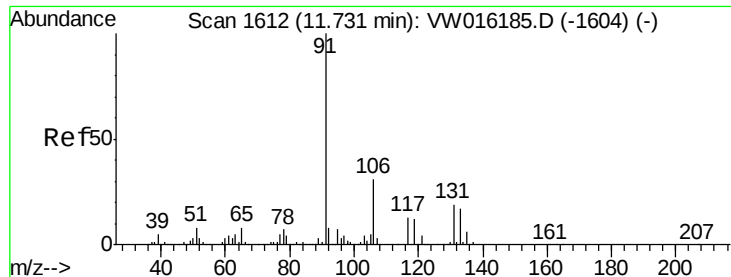
Tot Ion:112 Resp: 331326
Ion Ratio Lower Upper
112 100
114 31.4 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.256 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

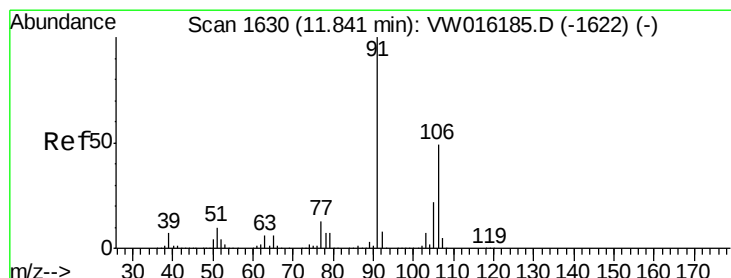
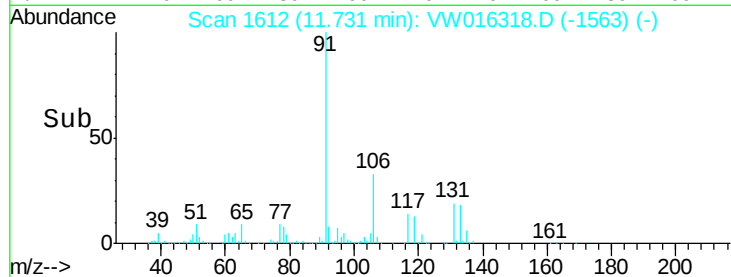
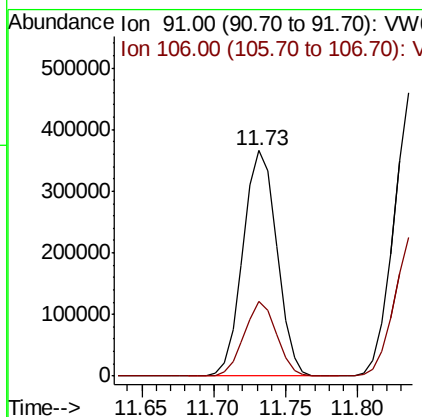
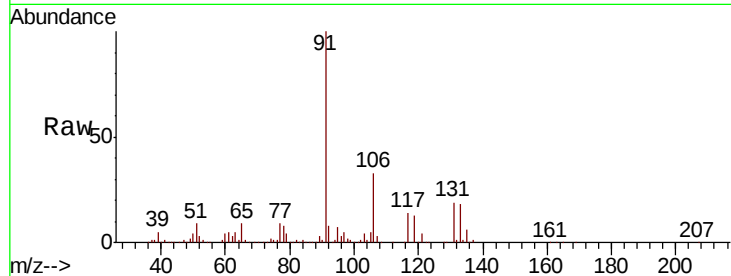
Tgt Ion:131 Resp: 119669
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.3
119 66.4 33.1 99.3





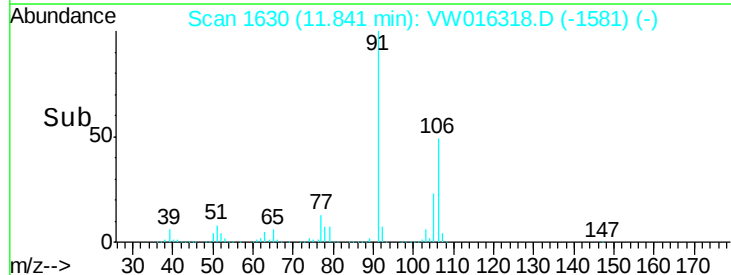
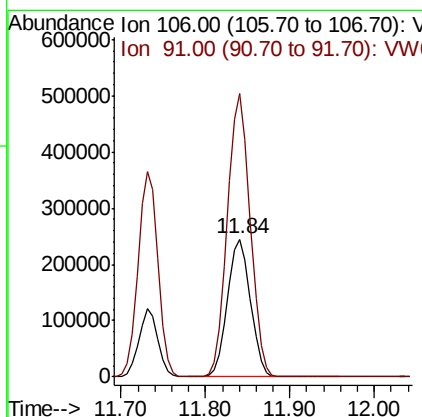
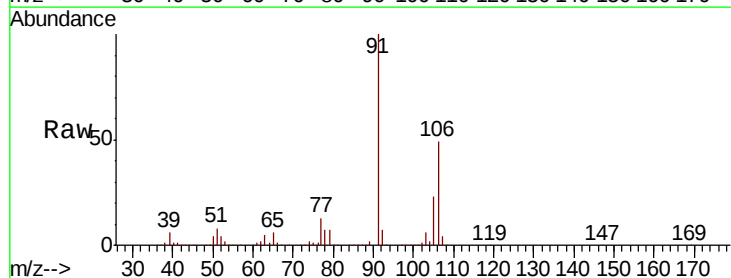
#67
Ethyl Benzene
Concen: 51.662 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

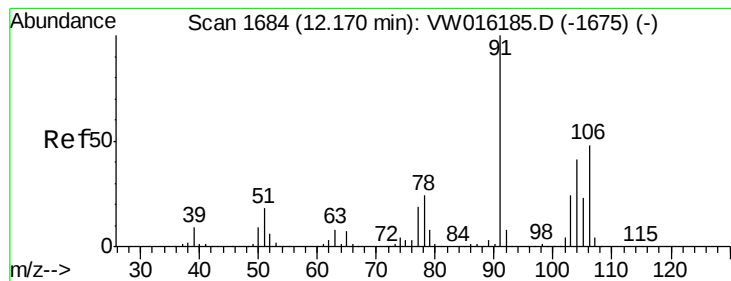
Tot Ion: 91 Resp: 596882
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3



#68
m/p-Xylenes
Concen: 102.797 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion: 106 Resp: 456510
Ion Ratio Lower Upper
106 100
91 204.3 161.4 242.2





#69

o-Xylene

Concen: 53.658 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW016318.D

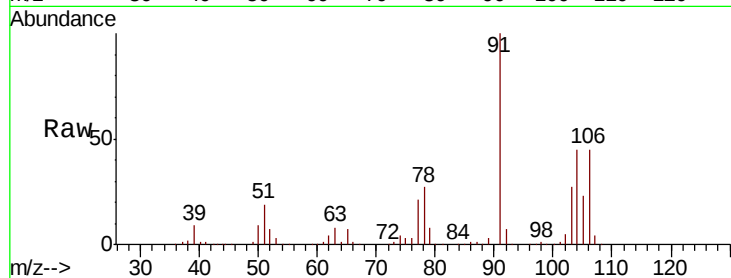
Acq: 21 Aug 2020 20:26

Tot Ion:106 Resp: 212292

Ion Ratio Lower Upper

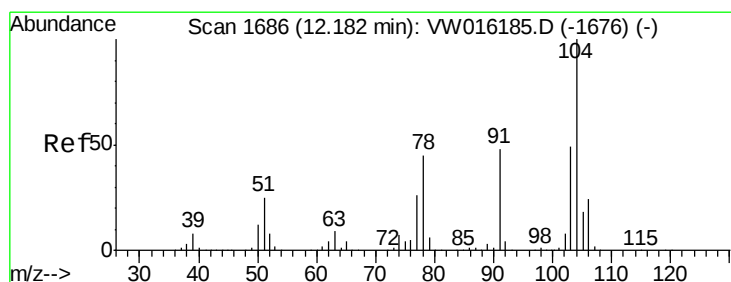
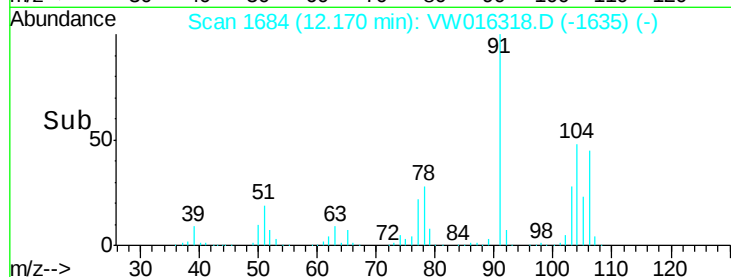
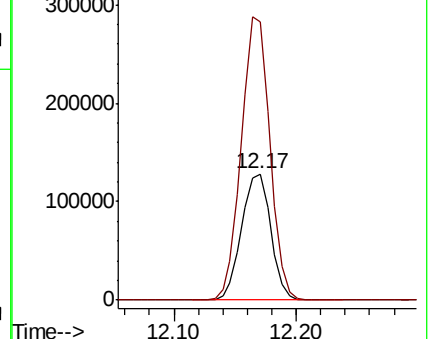
106 100

91 219.2 106.0 317.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#70

Styrene

Concen: 54.311 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

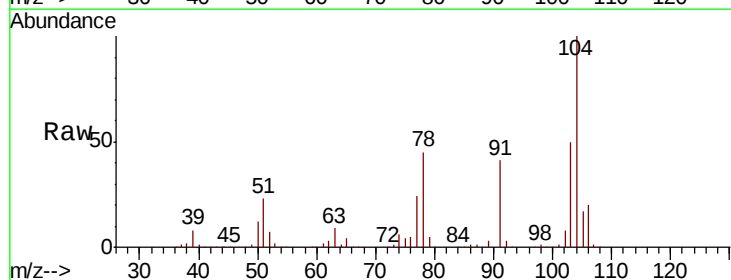
Tgt Ion:104 Resp: 371824

Ion Ratio Lower Upper

104 100

78 50.1 39.4 59.2

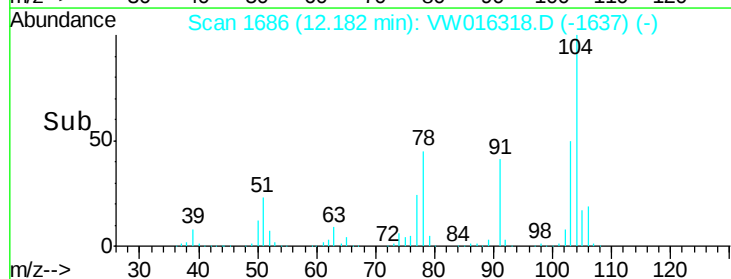
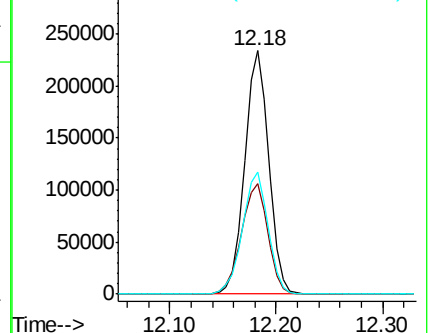
103 53.6 42.9 64.3

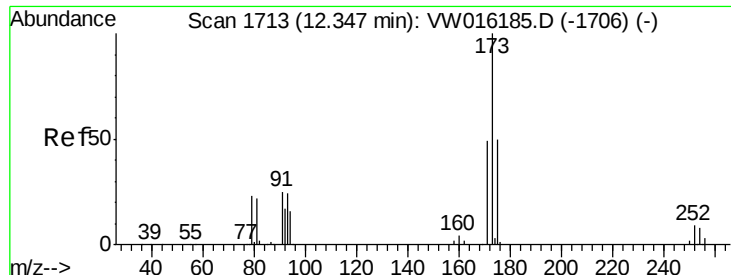


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

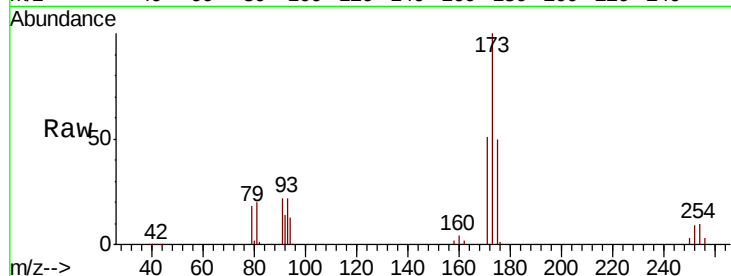
Ion 103.00 (102.70 to 103.70): V



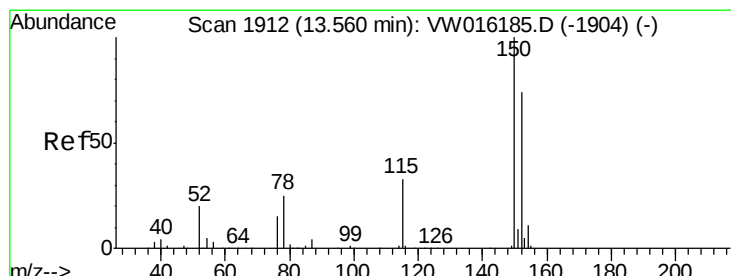
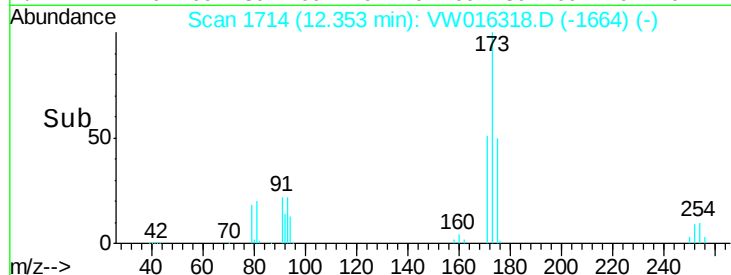
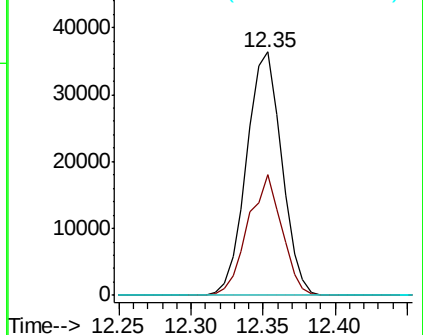


#71
Bromoform
Concen: 61.148 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tot Ion:173 Resp: 61494
Ion Ratio Lower Upper
173 100
175 47.7 24.7 74.1
254 0.0 0.0 0.0

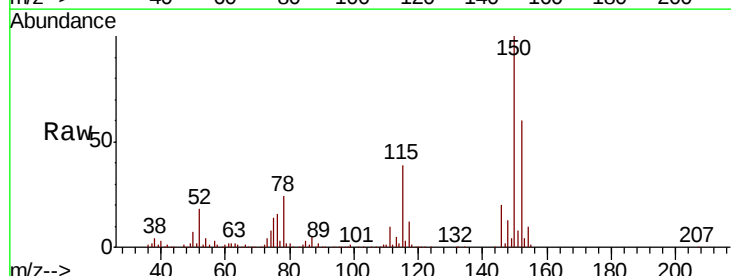


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

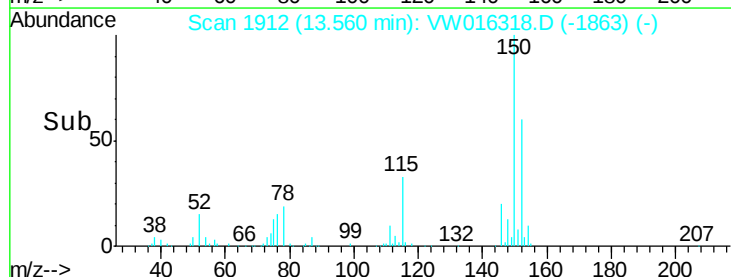
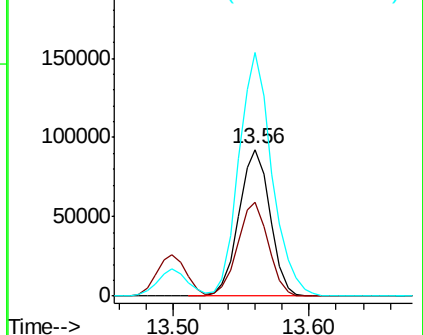


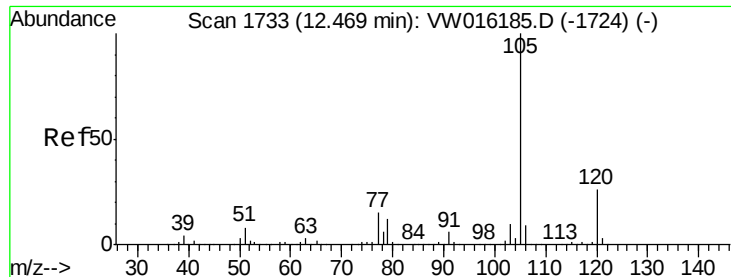
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion:152 Resp: 147516
Ion Ratio Lower Upper
152 100
115 63.0 30.9 92.5
150 176.7 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: 52.959 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016318.D

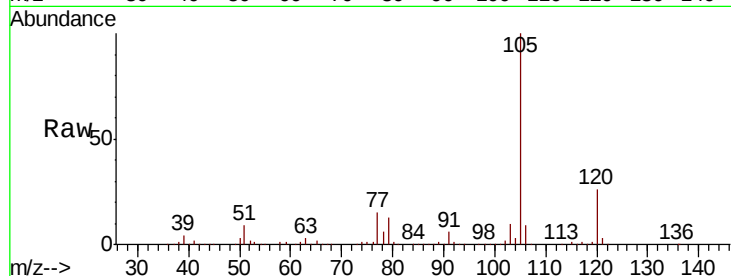
Acq: 21 Aug 2020 20:26

Tot Ion: 105 Resp: 595317

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

12.46

400000

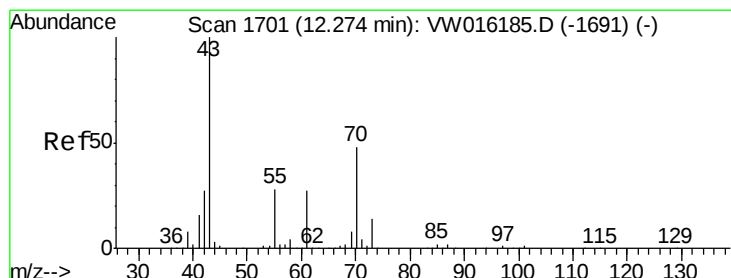
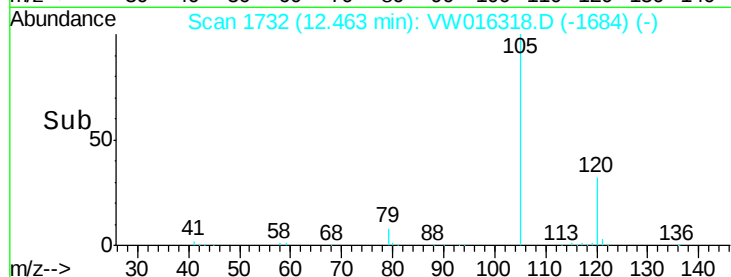
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 57.117 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

Tgt Ion: 43 Resp: 114984

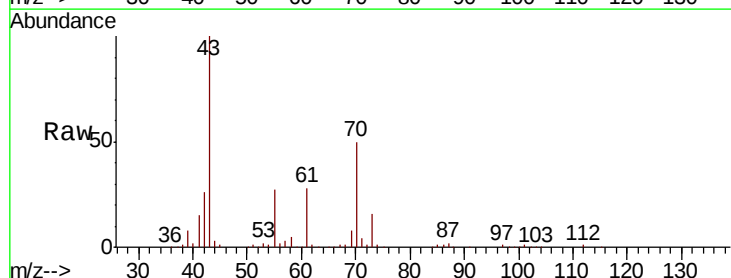
Ion Ratio Lower Upper

43 100

70 50.4 38.6 58.0

55 27.1 22.2 33.2

61 27.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

120000

100000

80000

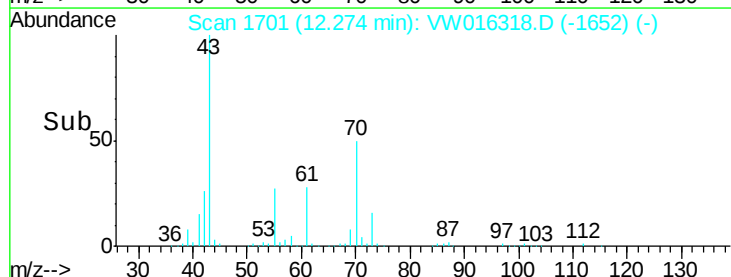
60000

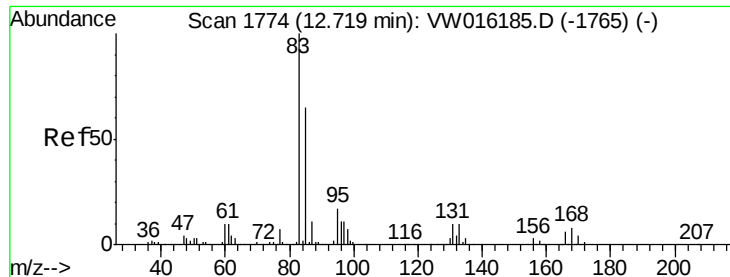
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.362 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

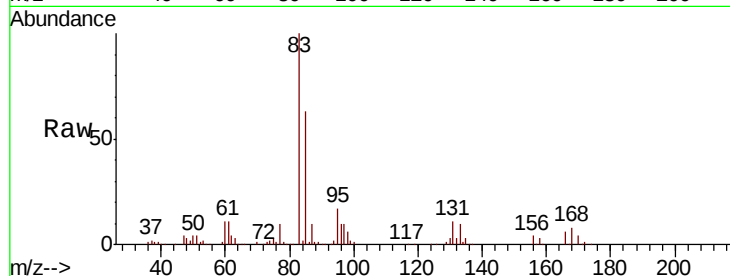
Tot Ion: 83 Resp: 104135

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

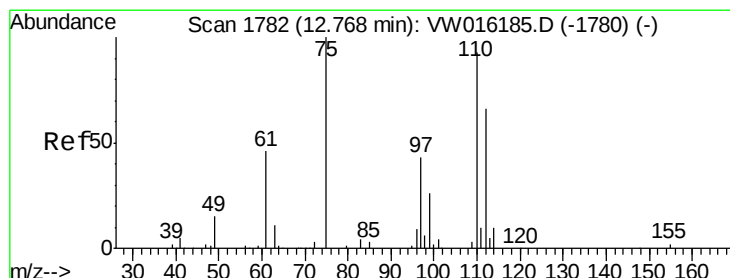
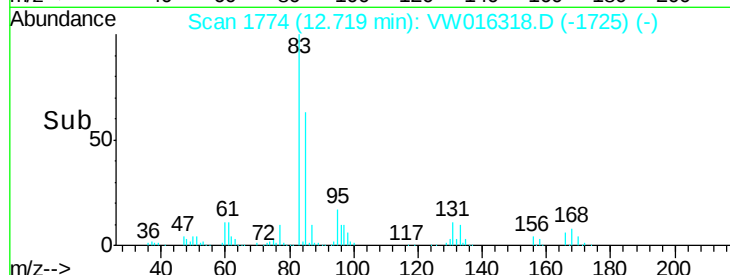
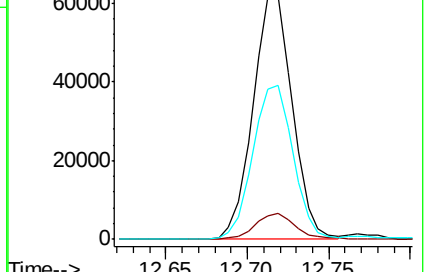
85 64.2 31.3 93.9



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: 95.647 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016318.D

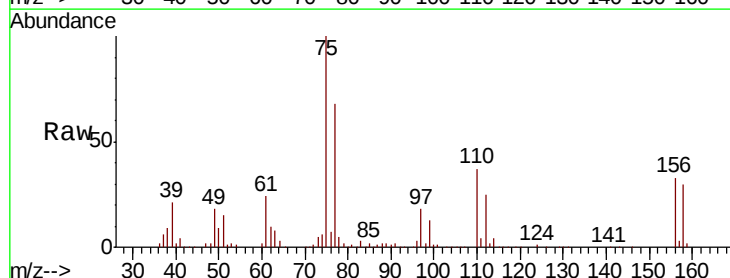
Acq: 21 Aug 2020 20:26

Tgt Ion: 75 Resp: 129761

Ion Ratio Lower Upper

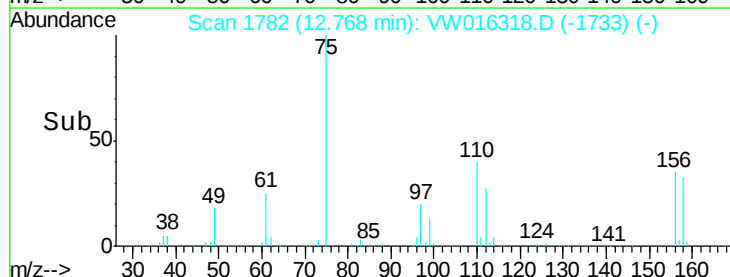
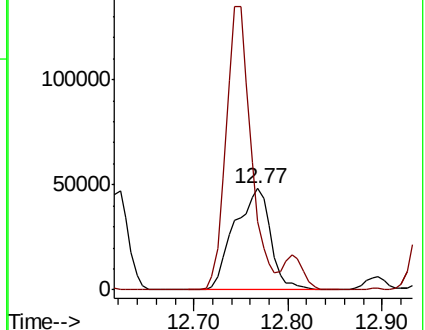
75 100

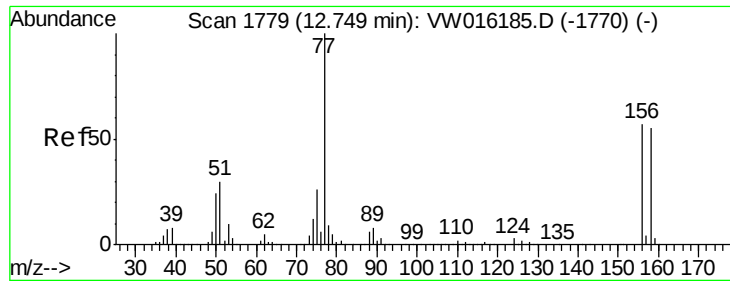
77 191.9 173.6 520.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.174 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

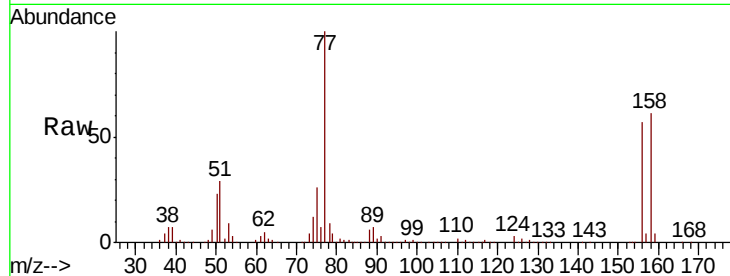
Tot Ion:156 Resp: 132211

Ion Ratio Lower Upper

156 100

77 188.4 97.9 293.6

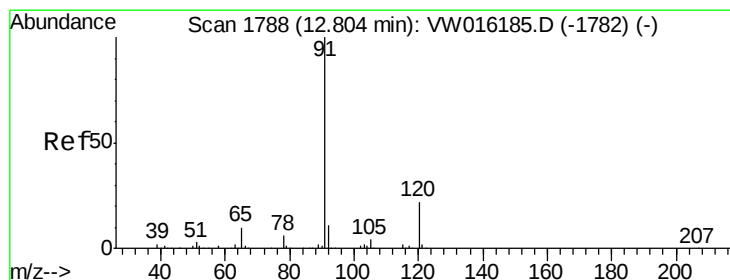
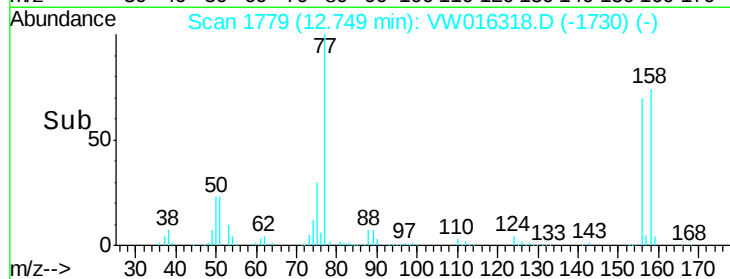
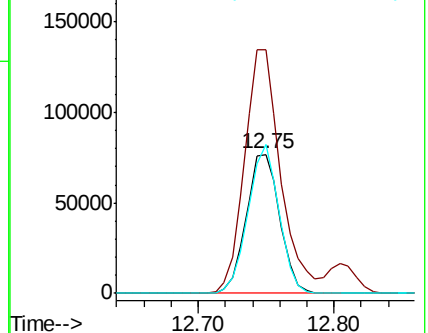
158 98.9 49.0 147.2



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: 50.992 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016318.D

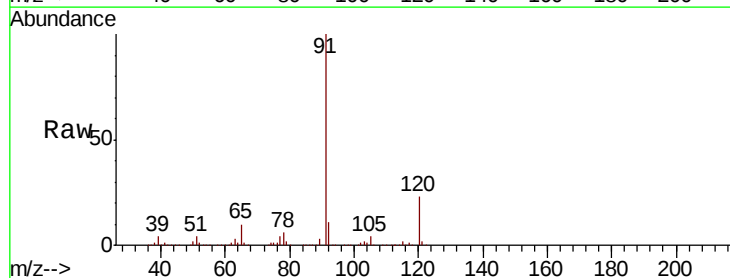
Acq: 21 Aug 2020 20:26

Tgt Ion: 91 Resp: 684202

Ion Ratio Lower Upper

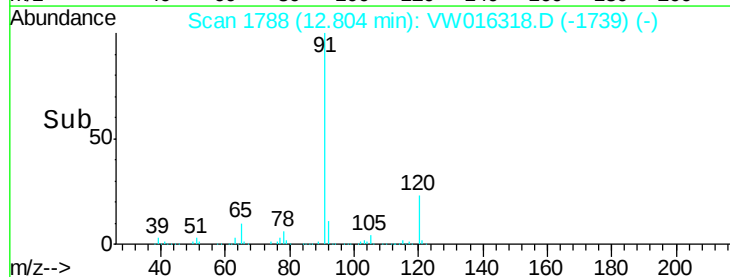
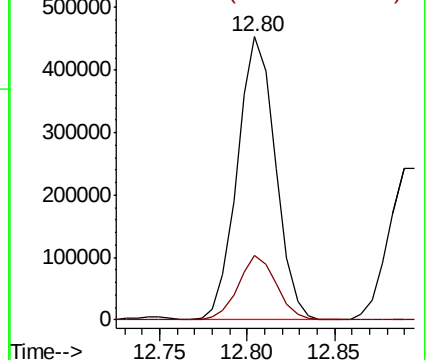
91 100

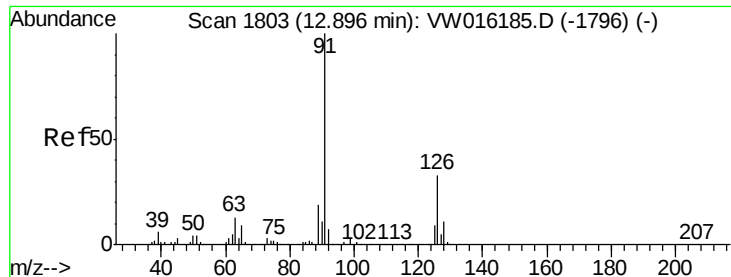
120 22.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.956 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016318.D

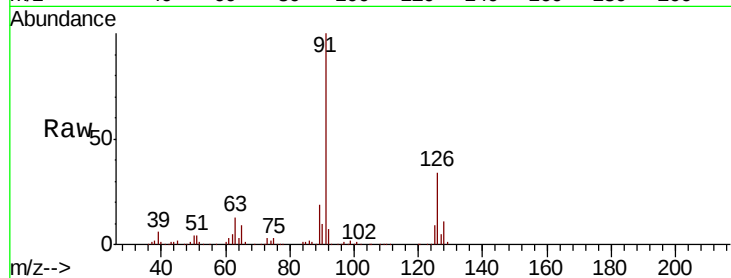
Acq: 21 Aug 2020 20:26

Tot Ion: 91 Resp: 402709

Ion Ratio Lower Upper

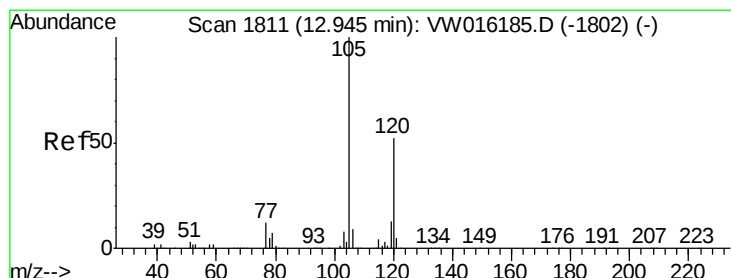
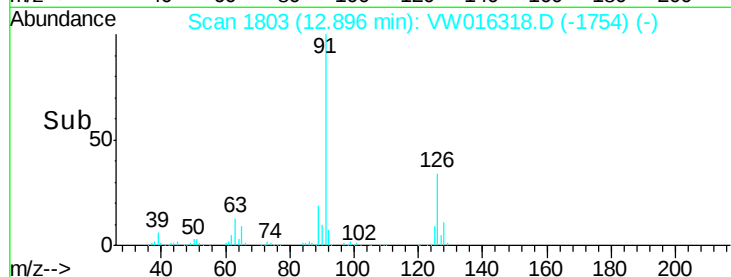
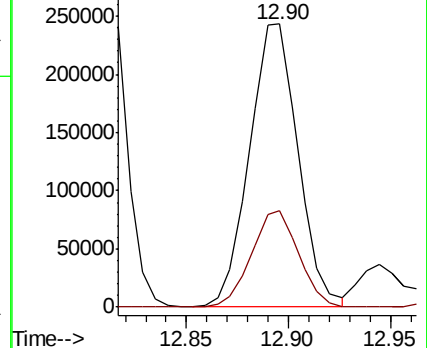
91 100

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: 53.375 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016318.D

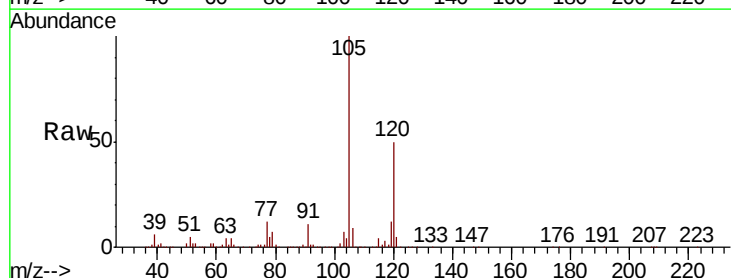
Acq: 21 Aug 2020 20:26

Tgt Ion:105 Resp: 515052

Ion Ratio Lower Upper

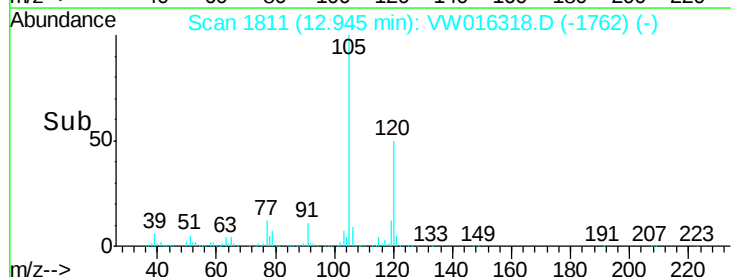
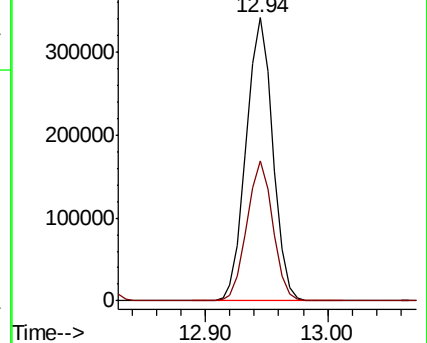
105 100

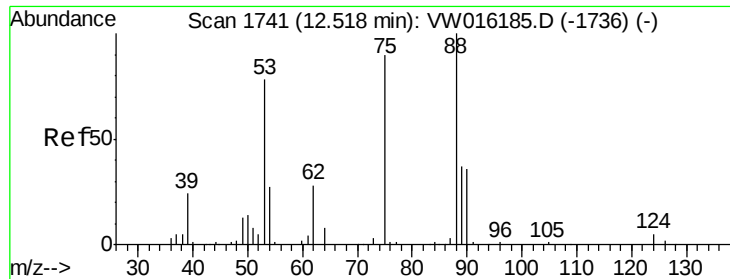
120 48.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

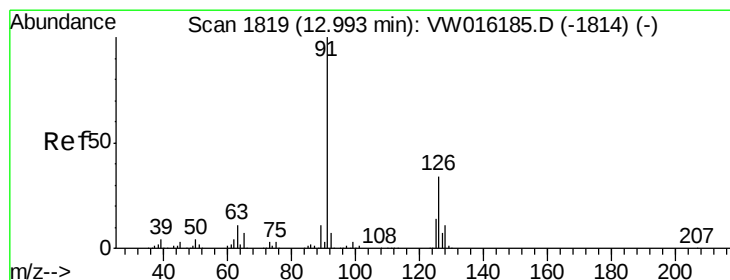
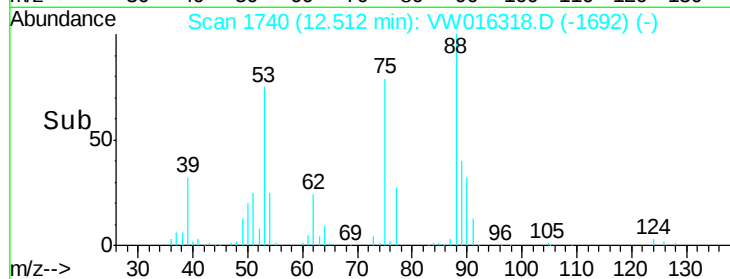
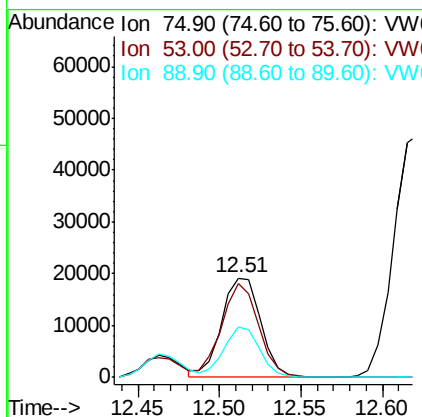
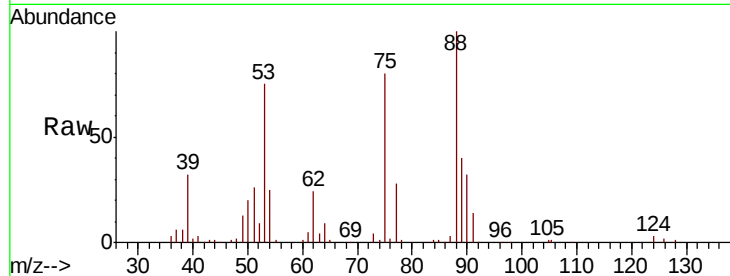
Ion 120.00 (119.70 to 120.70): V





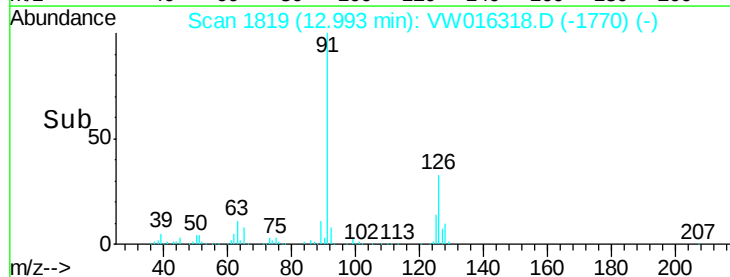
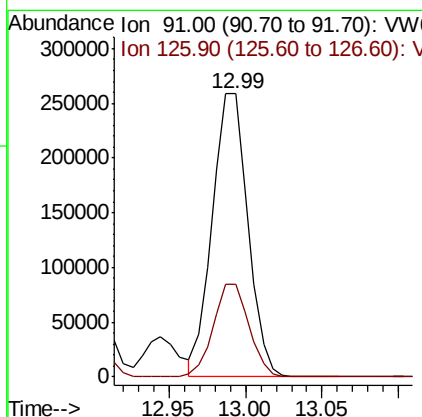
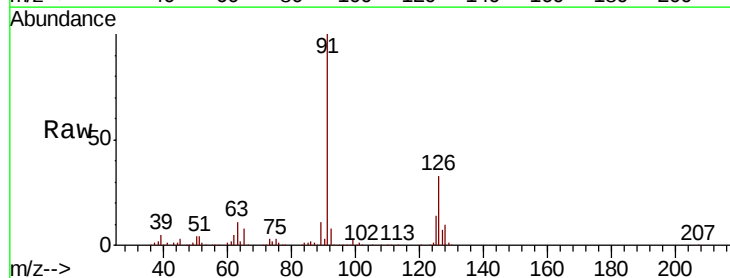
#81
trans-1,4-Dichloro-2-butene
Concen: 56.243 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

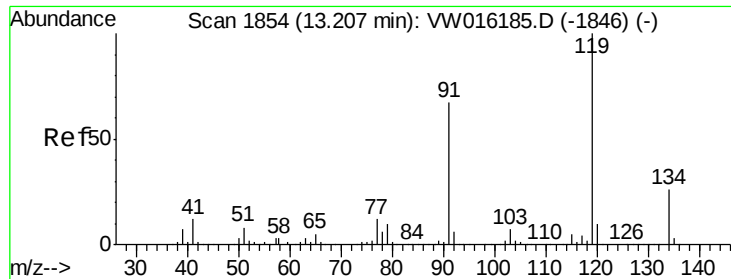
Tot Ion	Ratio	Lower	Upper
75	100		
53	89.3	74.6	111.8
89	47.0	37.2	55.8



#82
4-Chlorotoluene
Concen: 51.795 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

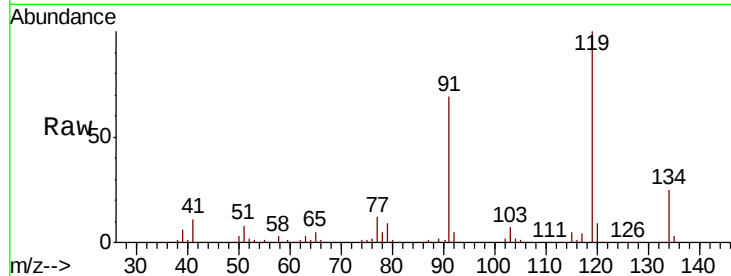
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.6	49.8



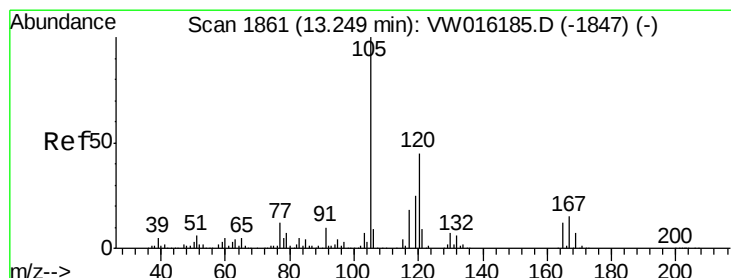
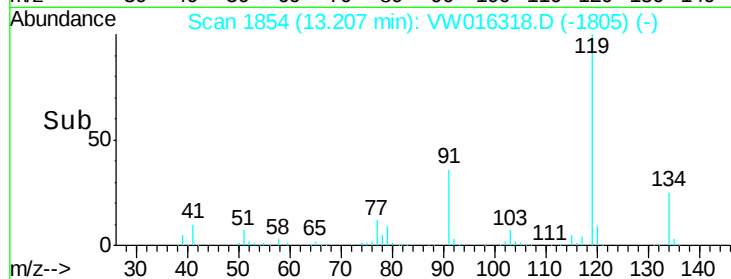
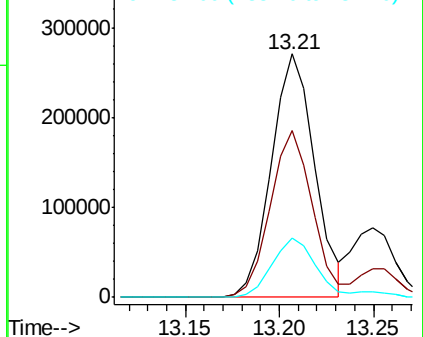


#83
tert-Butylbenzene
Concen: 54.332 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tot Ion:119 Resp: 429685
Ion Ratio Lower Upper
119 100
91 67.7 33.3 99.9
134 24.4 13.5 40.5

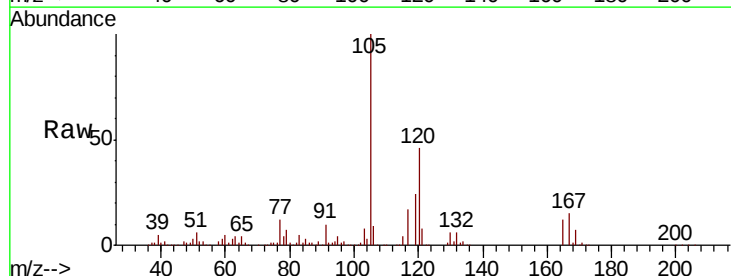


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

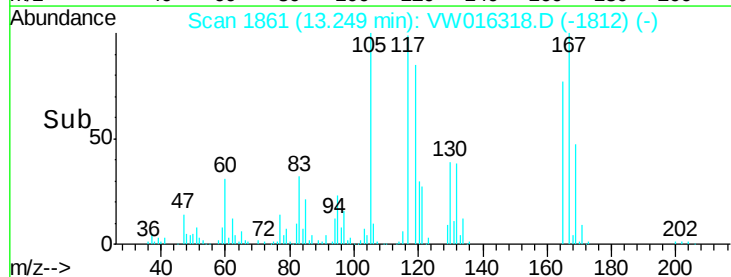
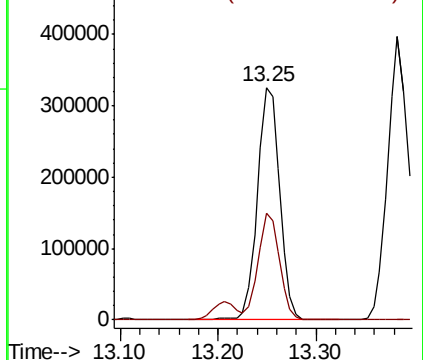


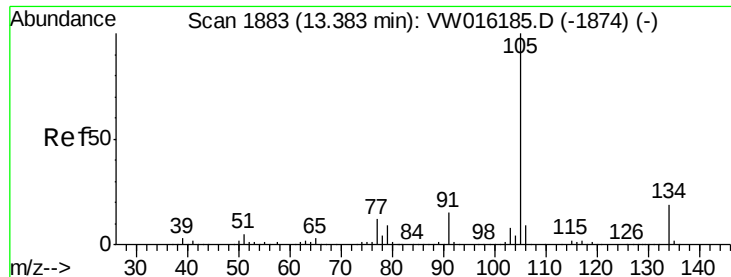
#84
1,2,4-Trimethylbenzene
Concen: 54.146 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion:105 Resp: 517031
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6



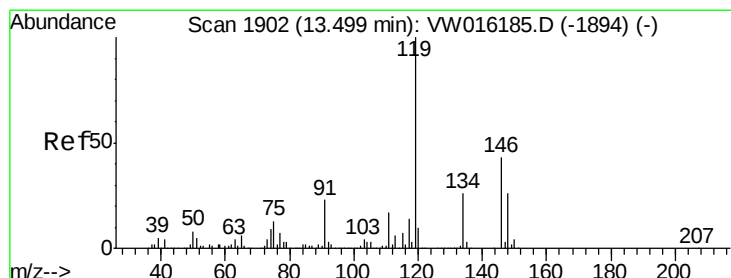
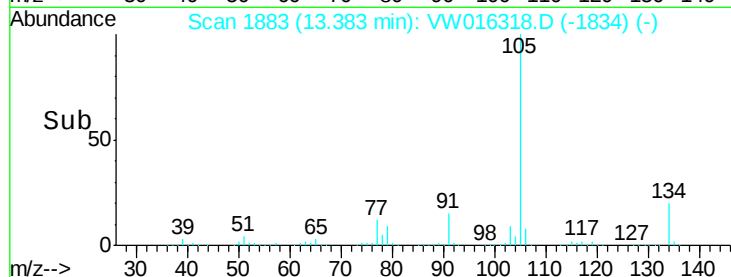
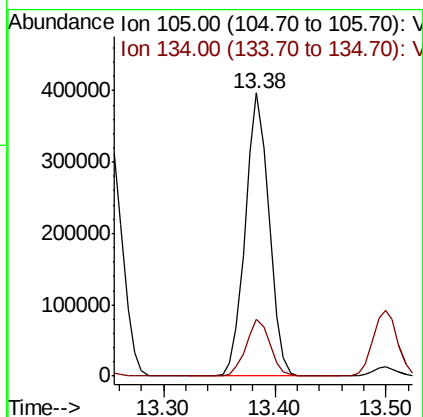
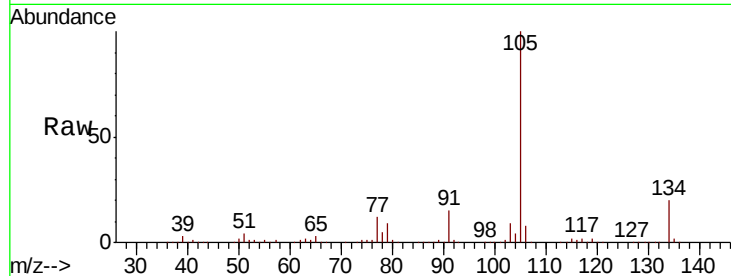
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





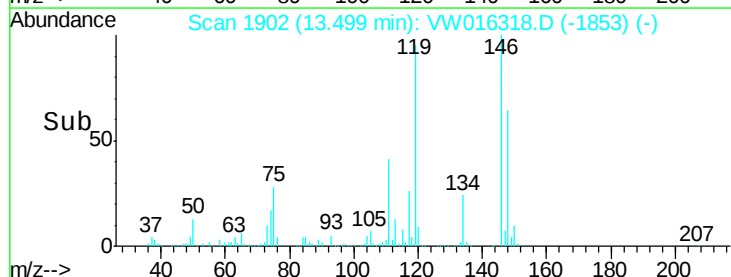
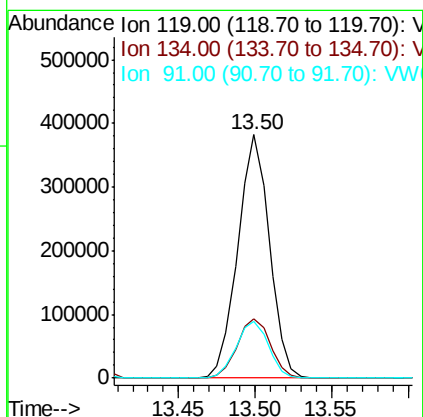
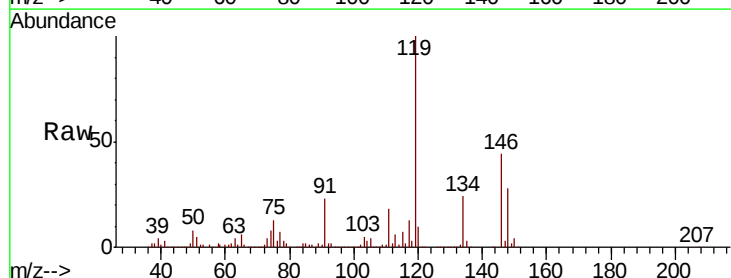
#85
 sec-Butylbenzene
 Concen: 51.143 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

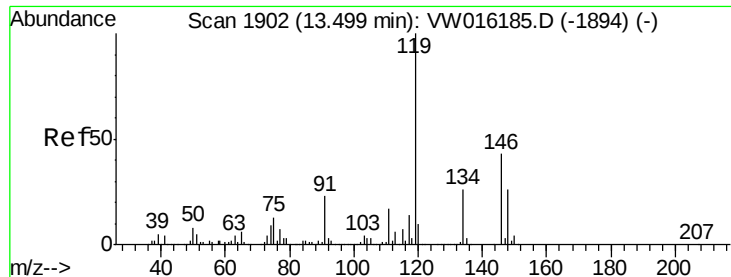
Tot Ion:105 Resp: 587863
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.618 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion:119 Resp: 547029
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.227 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

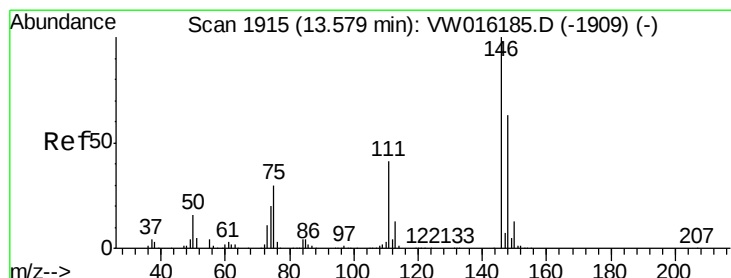
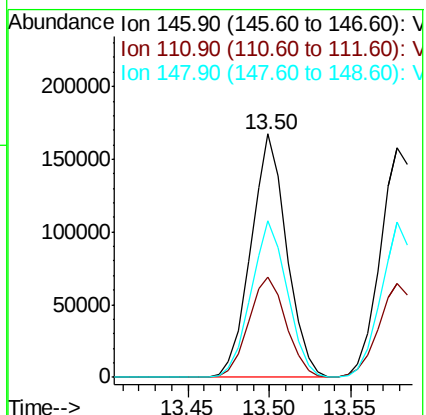
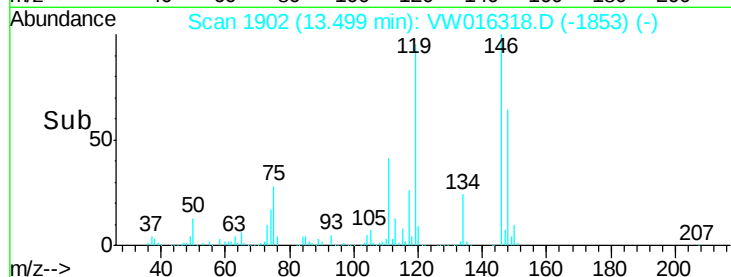
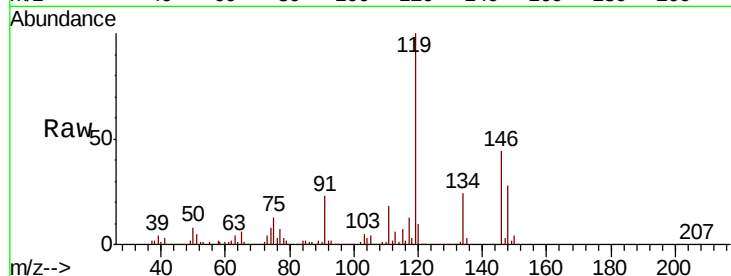
Tot Ion:146 Resp: 255080

Ion Ratio Lower Upper

146 100

111 43.2 20.8 62.5

148 65.2 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 51.934 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

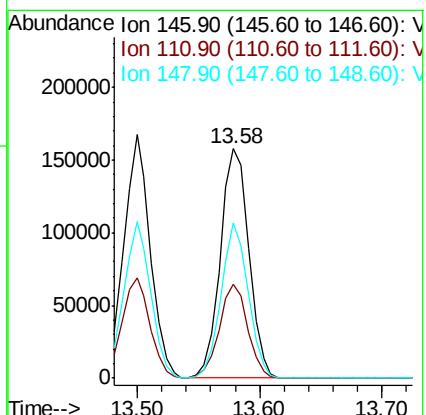
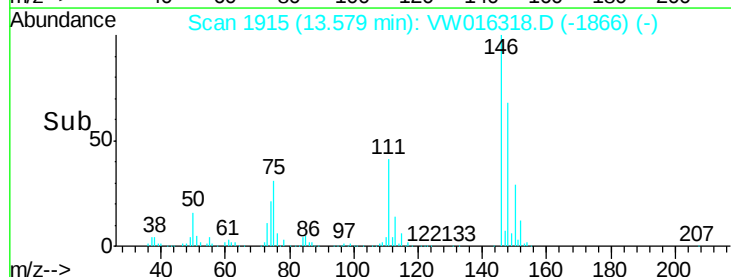
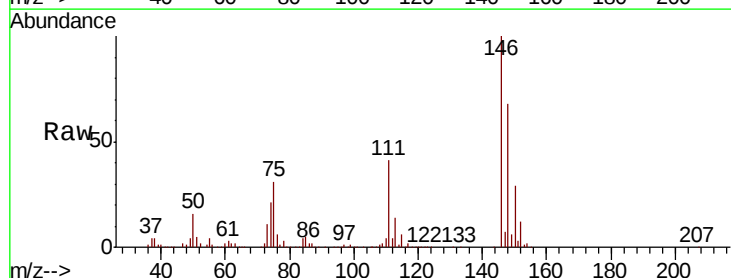
Tgt Ion:146 Resp: 254642

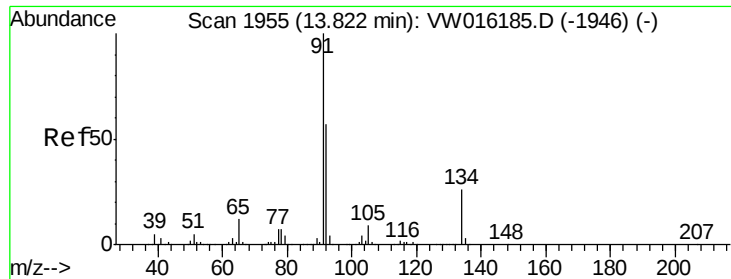
Ion Ratio Lower Upper

146 100

111 40.5 20.8 62.2

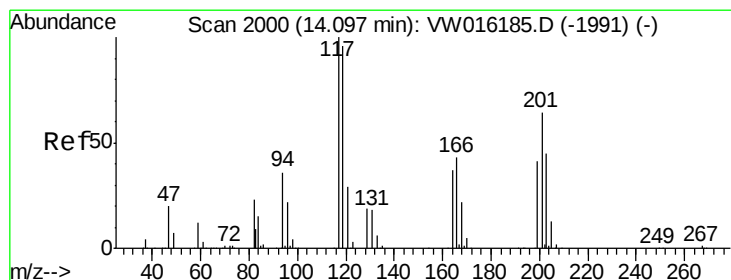
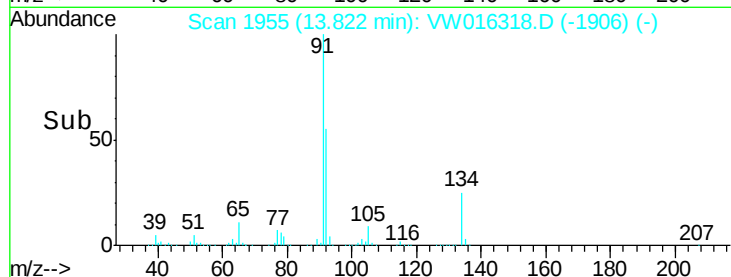
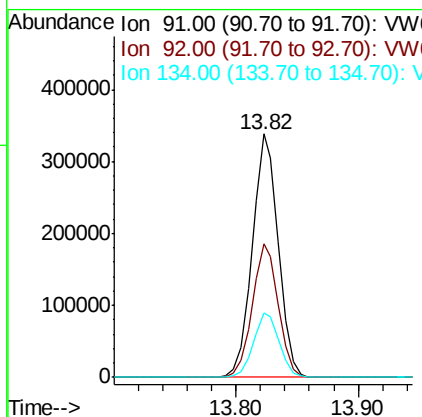
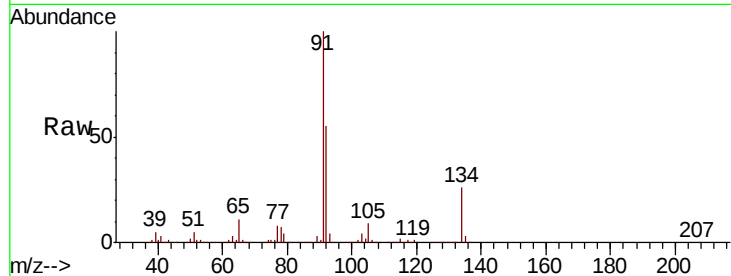
148 64.3 32.1 96.3





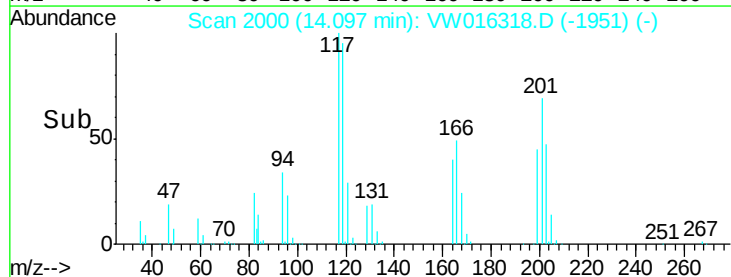
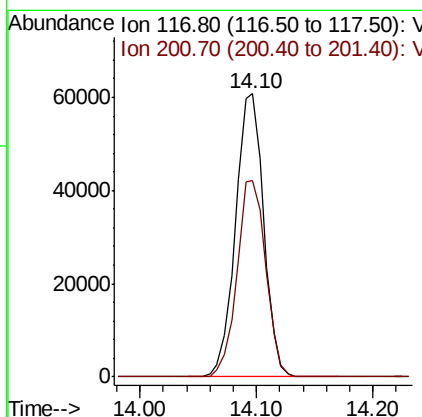
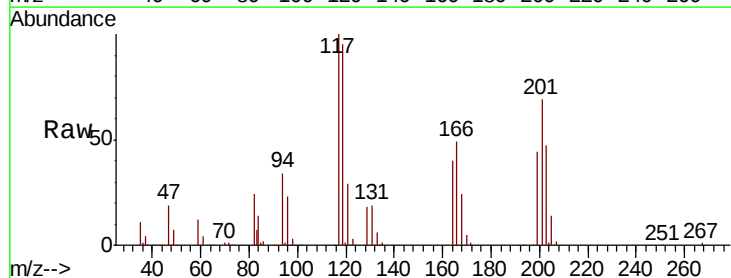
#89
n-Butylbenzene
Concen: 51.802 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

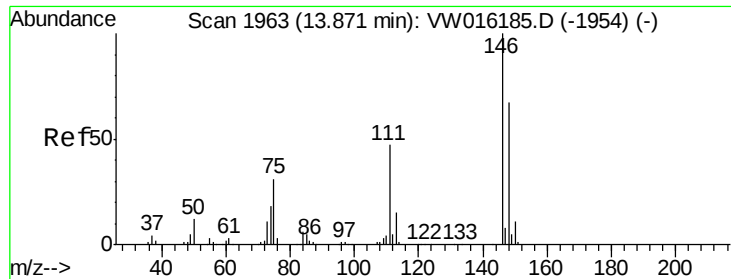
Tot Ion: 91 Resp: 498224
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 26.5 13.0 39.0



#90
Hexachloroethane
Concen: 52.752 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion: 117 Resp: 102347
Ion Ratio Lower Upper
117 100
201 71.0 33.8 101.3





#91

1,2-Dichlorobenzene

Concen: 52.508 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

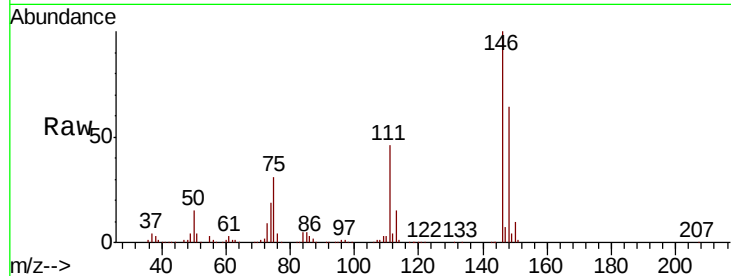
Tot Ion:146 Resp: 227945

Ion Ratio Lower Upper

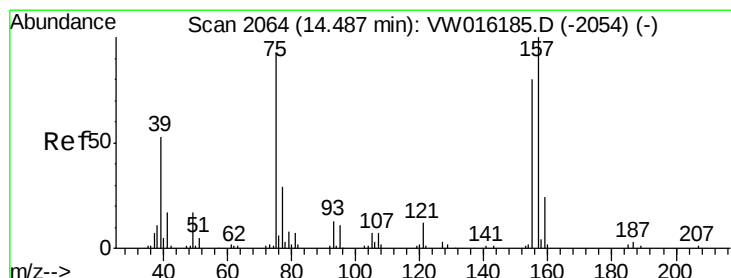
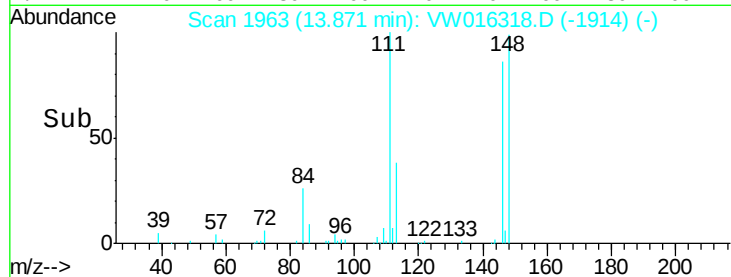
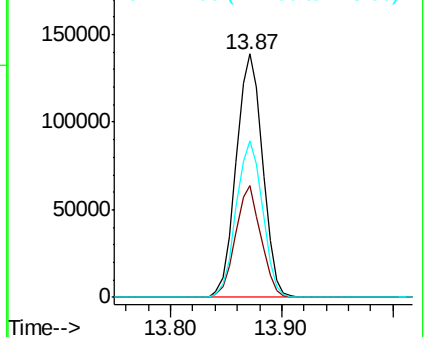
146 100

111 44.0 21.9 65.8

148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 61.733 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016318.D

Acq: 21 Aug 2020 20:26

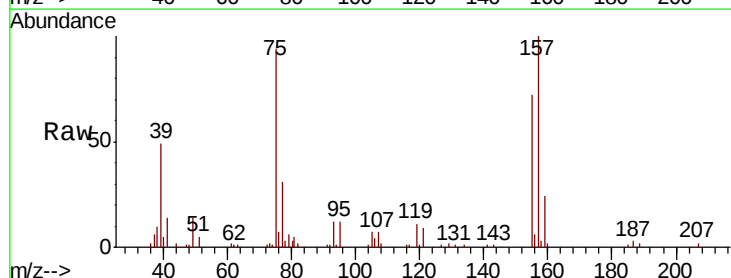
Tgt Ion: 75 Resp: 17850

Ion Ratio Lower Upper

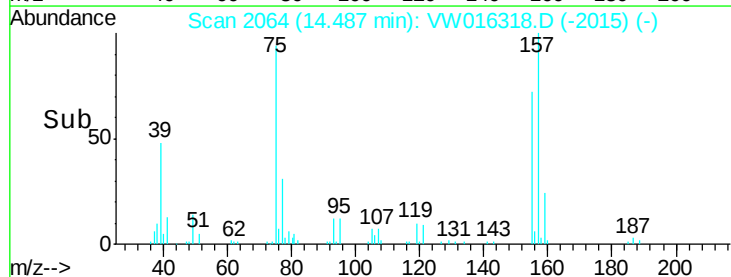
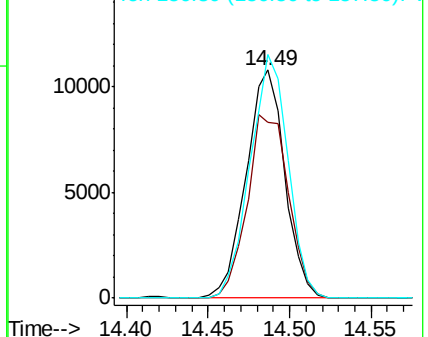
75 100

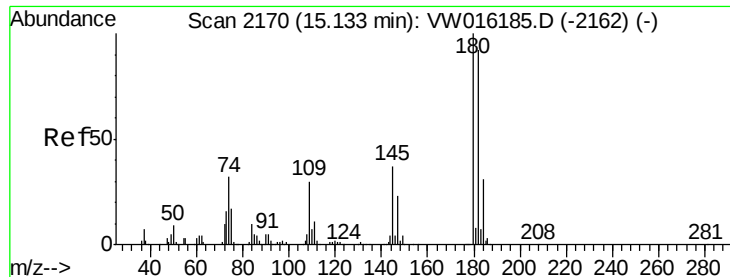
155 85.7 41.3 124.1

157 104.4 53.0 159.0



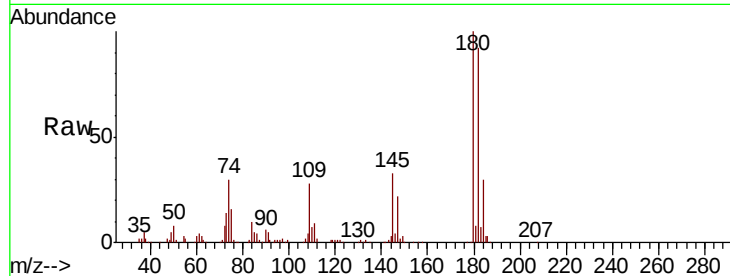
Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



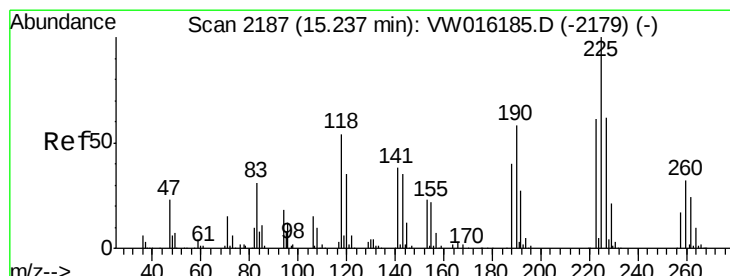
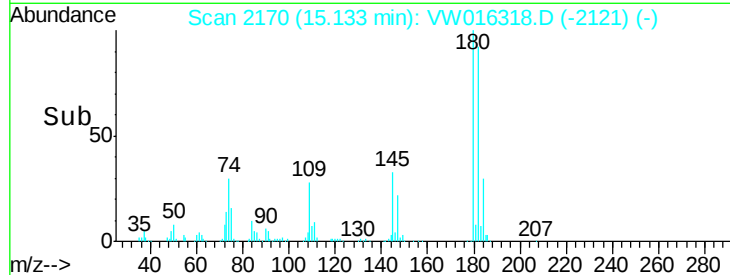
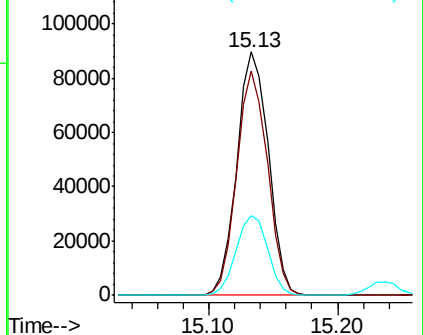


#93
 1,2,4-Trichlorobenzene
 Concen: 58.743 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.3	46.0	138.0
145	33.1	16.9	50.7

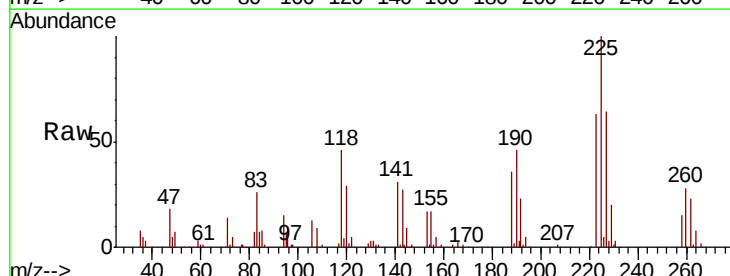


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

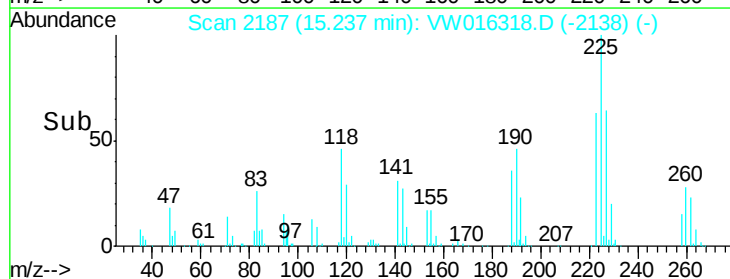
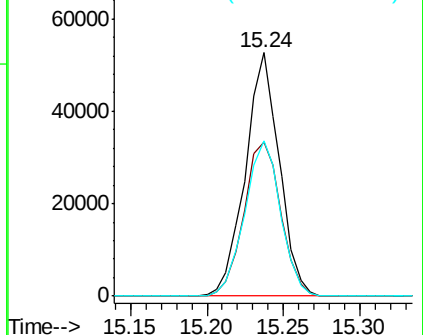


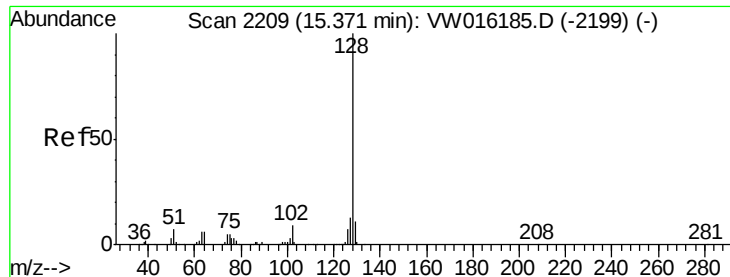
#94
 Hexachlorobutadiene
 Concen: 52.813 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016318.D
 Acq: 21 Aug 2020 20:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.8	33.0	99.0
227	67.1	32.0	96.2



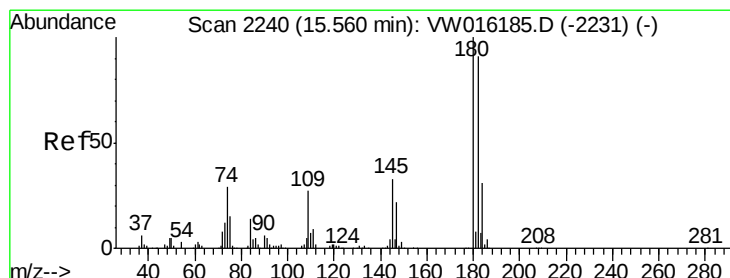
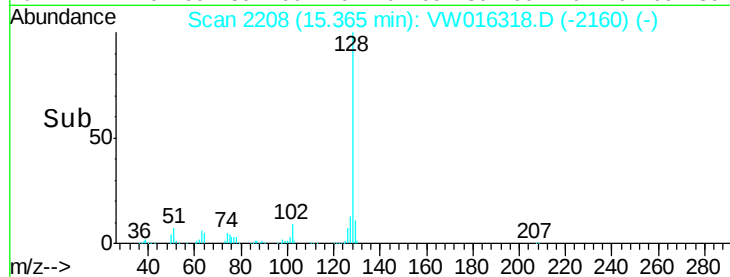
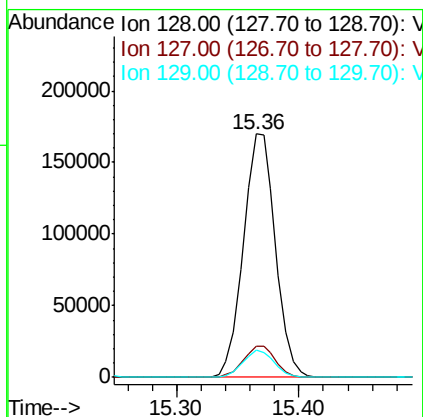
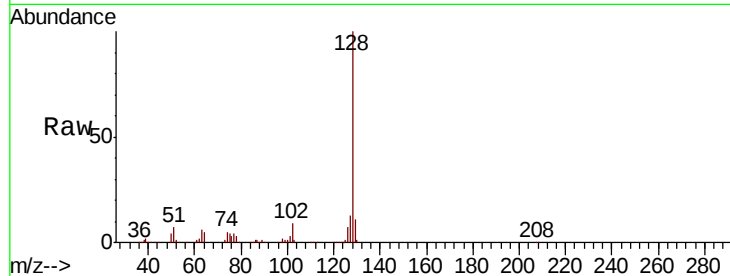
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 56.397 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tot Ion:128 Resp: 308793
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 60.909 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016318.D
Acq: 21 Aug 2020 20:26

Tgt Ion:180 Resp: 135415
Ion Ratio Lower Upper
180 100
182 93.0 47.7 143.1
145 35.7 17.4 52.3

