

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016300.D
 Acq On : 21 Aug 2020 12:49
 Operator : SY/VA
 Sample : VW0822SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 06:01:04 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	225344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111197	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	7.88	113	114014	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.32	98	448636	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.62	95	165335	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25986	16.957	ug/l	87
3) Chloromethane	2.21	50	26618	16.314	ug/l	99
4) Vinyl Chloride	2.37	62	38636	16.918	ug/l	95
5) Bromomethane	2.78	94	24258	17.084	ug/l	90
6) Chloroethane	2.92	64	22065	17.109	ug/l	92
7) Trichlorofluoromethane	3.26	101	37355	20.205	ug/l	100
8) Diethyl Ether	3.68	74	21464	18.501	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	43213	17.825	ug/l	98
10) Methyl Iodide	4.27	142	64627	18.450	ug/l	100
11) Tert butyl alcohol	5.21	59	11196	95.728	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	44225	17.926	ug/l	97
13) Acrolein	3.90	56	15486	91.663	ug/l	95
14) Allyl chloride	4.67	41	56713	17.157	ug/l	97
15) Acrylonitrile	5.38	53	40621	92.921	ug/l	99
16) Acetone	4.14	43	33261	79.008	ug/l	98
17) Carbon Disulfide	4.39	76	122686	16.936	ug/l	99
18) Methyl Acetate	4.68	43	17255	17.601	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	63249	20.821	ug/l	97
20) Methylene Chloride	4.92	84	60554	20.212	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	47982	17.860	ug/l	96
22) Diisopropyl ether	6.31	45	113845	18.269	ug/l	95
23) Vinyl Acetate	6.26	43	330625	92.658	ug/l	100
24) 1,1-Dichloroethane	6.21	63	76140	17.506	ug/l	97
25) 2-Butanone	7.18	43	50484	89.480	ug/l	95
26) 2,2-Dichloropropane	7.17	77	54449	19.380	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	52200	18.824	ug/l	97
28) Bromochloromethane	7.51	49	29709	18.004	ug/l	92
29) Tetrahydrofuran	7.54	42	31407	93.126	ug/l	95
30) Chloroform	7.68	83	80609	17.838	ug/l	94
31) Cyclohexane	7.96	56	71729	17.886	ug/l #	90
32) 1,1,1-Trichloroethane	7.88	97	71270	18.772	ug/l	99
36) 1,1-Dichloropropene	8.09	75	66757	18.878	ug/l	99
37) Ethyl Acetate	7.26	43	23502	19.384	ug/l	99
38) Carbon Tetrachloride	8.07	117	66884	18.953	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

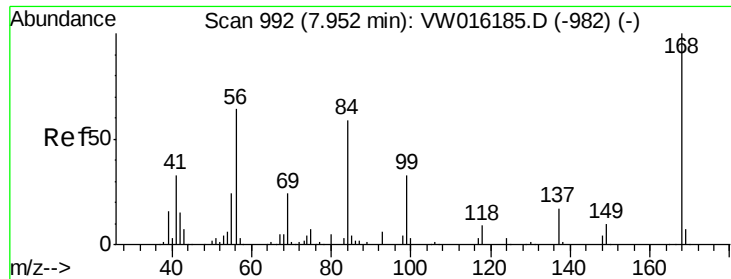
39) Methylcyclohexane	9.34	83	82019	19.255	ug/l	98
40) Benzene	8.33	78	183300	18.425	ug/l	100
41) Methacrylonitrile	7.49	41	13951	20.161	ug/l	97
42) 1,2-Dichloroethane	8.40	62	50783	19.328	ug/l	99
43) Isopropyl Acetate	8.43	43	43085	18.889	ug/l	98
44) Trichloroethene	9.10	130	50903	18.066	ug/l	96
45) 1,2-Dichloropropane	9.37	63	43025	18.347	ug/l	96
46) Dibromomethane	9.46	93	23665	19.222	ug/l	98
47) Bromodichloromethane	9.65	83	59474	18.697	ug/l	99
48) Methyl methacrylate	9.44	41	19869	18.737	ug/l	91
49) 1,4-Dioxane	9.48	88	6397	412.635	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	112225	97.277	ug/l	99
52) Toluene	10.39	92	122718	19.264	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57705	19.593	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71170	19.443	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34201	19.361	ug/l	97
56) Ethyl methacrylate	10.65	69	41190	20.446	ug/l	96
57) 1,3-Dichloropropane	10.93	76	58424	19.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	99758	108.611	ug/l	98
59) 2-Hexanone	10.97	43	75630	95.827	ug/l	98
60) Dibromochloromethane	11.13	129	40977	19.499	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32848	19.316	ug/l	100
64) Tetrachloroethene	10.87	164	41969	19.009	ug/l #	90
65) Chlorobenzene	11.66	112	128970	18.700	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	45652	18.937	ug/l	99
67) Ethyl Benzene	11.73	91	232095	18.725	ug/l	97
68) m/p-Xylenes	11.84	106	178598	37.486	ug/l	98
69) o-Xylene	12.17	106	82557	19.450	ug/l	97
70) Styrene	12.18	104	140607	19.144	ug/l	98
71) Bromoform	12.35	173	21451	19.882	ug/l #	96
73) Isopropylbenzene	12.46	105	229890	18.723	ug/l	100
74) N-amyl acetate	12.27	43	40907	18.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	37749	18.373	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	47755	32.226	ug/l	32
77) Bromobenzene	12.75	156	51329	18.900	ug/l	96
78) n-propylbenzene	12.80	91	273489	18.660	ug/l	100
79) 2-Chlorotoluene	12.90	91	158936	18.773	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	205819	19.527	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	11461	18.551	ug/l	98
82) 4-Chlorotoluene	12.99	91	164128	18.621	ug/l	100
83) tert-Butylbenzene	13.21	119	165914	19.206	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	202559	19.420	ug/l	99
85) sec-Butylbenzene	13.38	105	238567	19.001	ug/l	99
86) p-Isopropyltoluene	13.50	119	220804	19.444	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101472	18.656	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	102339	19.108	ug/l	98
89) n-Butylbenzene	13.82	91	203855	19.404	ug/l	99
90) Hexachloroethane	14.10	117	38509	18.171	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	91067	19.205	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6131	19.412	ug/l	96

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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	59393	21.004	ug/l	95
94) Hexachlorobutadiene	15.24	225	34849	20.729	ug/l	99
95) Naphthalene	15.37	128	109463	20.719	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	51845	21.349	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016300.D

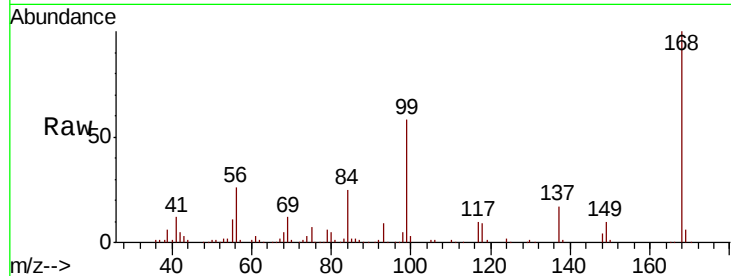
Acq: 21 Aug 2020 12:49

Tot Ion:168 Resp: 225344

Ion Ratio Lower Upper

168 100

99 58.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

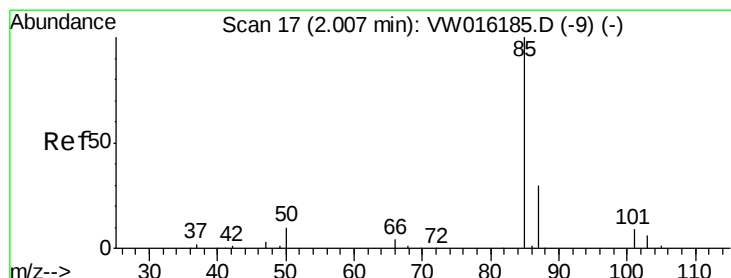
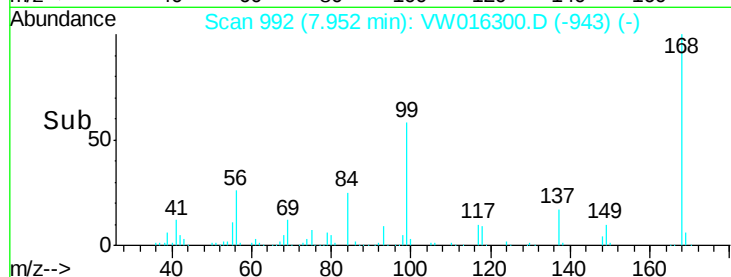
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 16.957 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016300.D

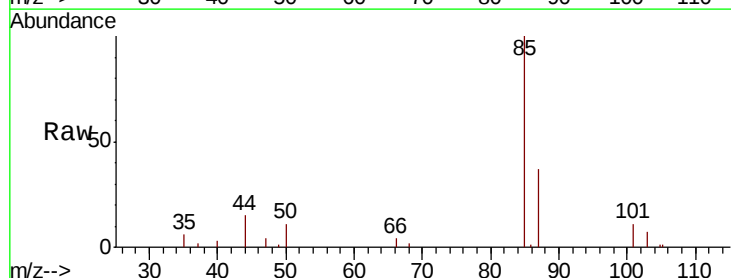
Acq: 21 Aug 2020 12:49

Tgt Ion: 85 Resp: 25986

Ion Ratio Lower Upper

85 100

87 36.9 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

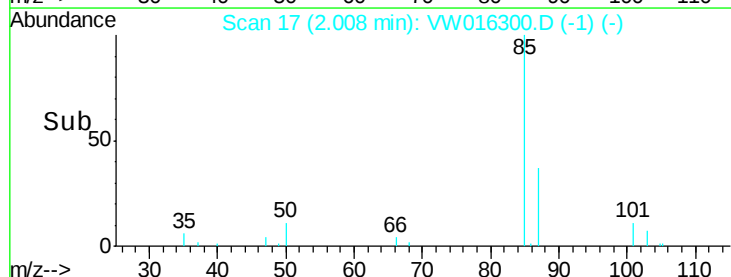
6000

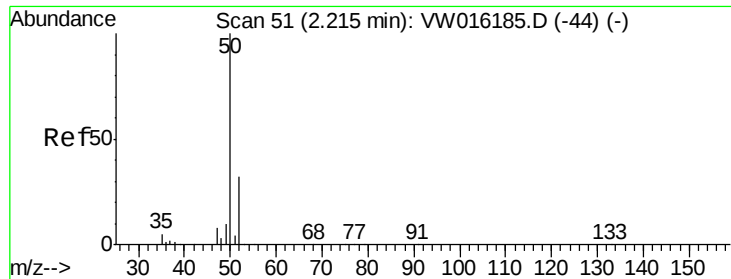
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 16.314 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016300.D

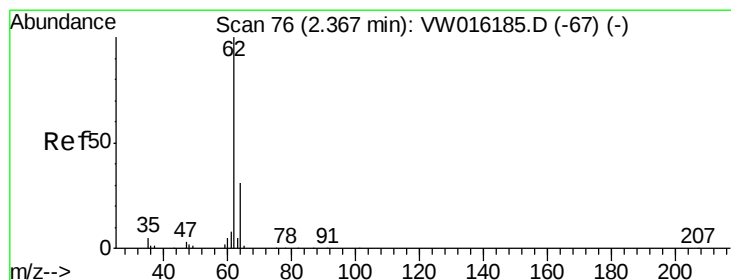
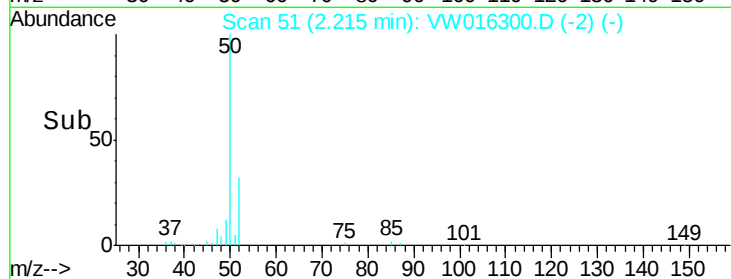
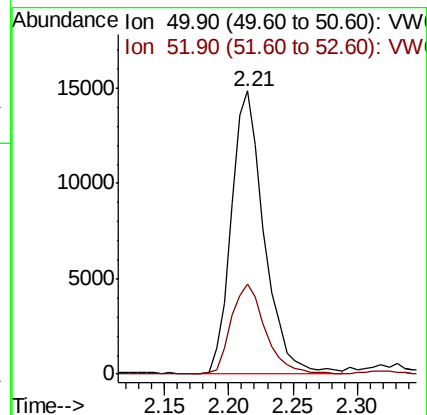
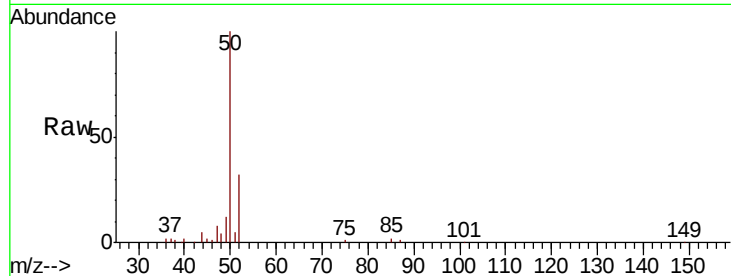
Acq: 21 Aug 2020 12:49

Tot Ion: 50 Resp: 26618

Ion Ratio Lower Upper

50 100

52 32.0 25.3 37.9



#4

Vinyl Chloride

Concen: 16.918 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016300.D

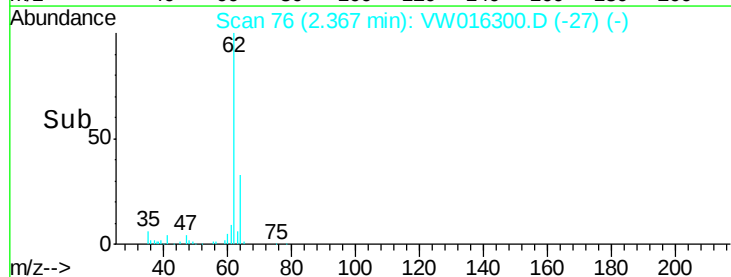
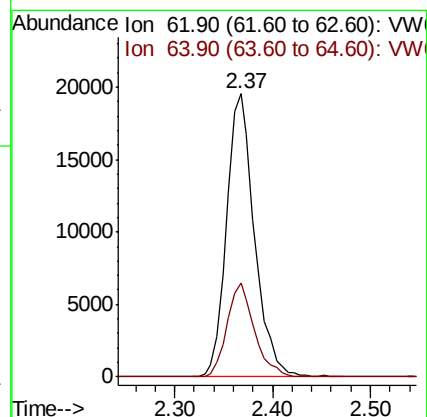
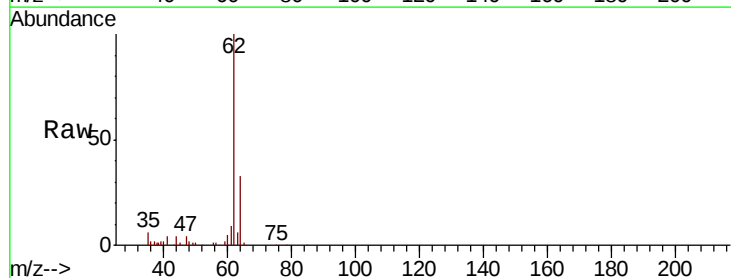
Acq: 21 Aug 2020 12:49

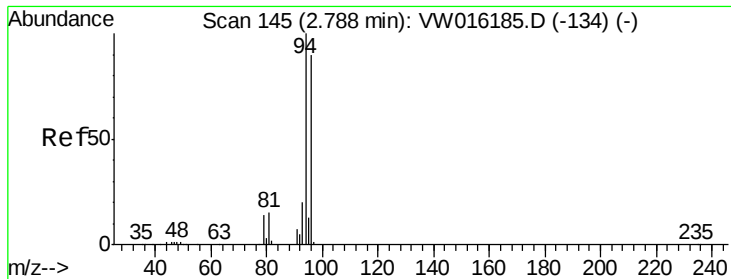
Tgt Ion: 62 Resp: 38636

Ion Ratio Lower Upper

62 100

64 33.2 24.5 36.7





#5

Bromomethane

Concen: 17.084 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016300.D

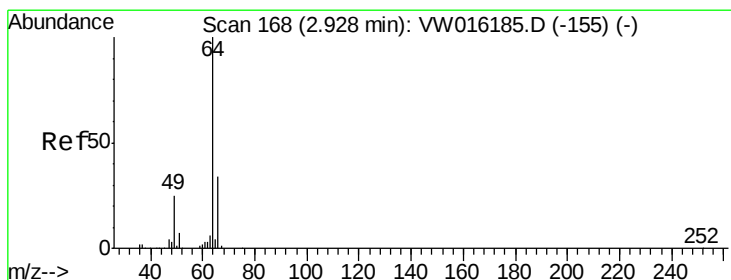
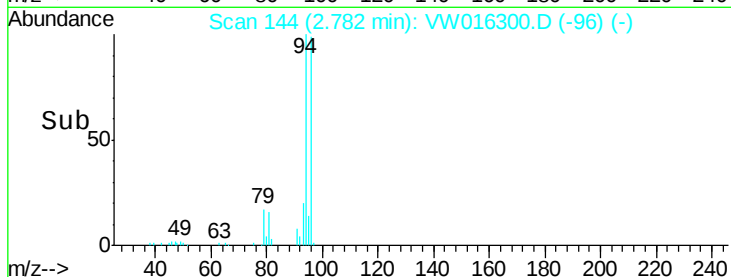
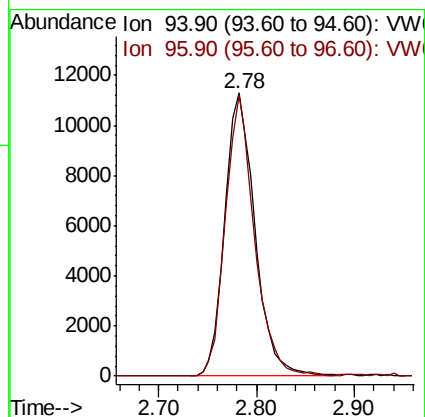
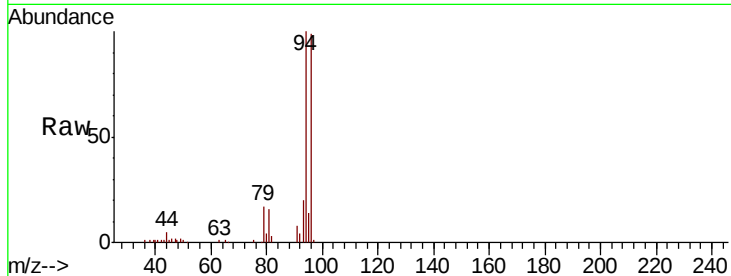
Acq: 21 Aug 2020 12:49

Tot Ion: 94 Resp: 24258

Ion Ratio Lower Upper

94 100

96 99.3 71.8 107.6



#6

Chloroethane

Concen: 17.109 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016300.D

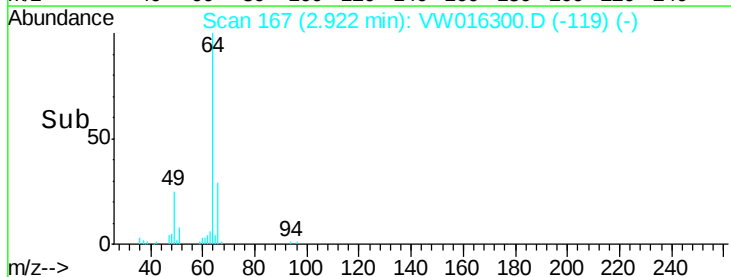
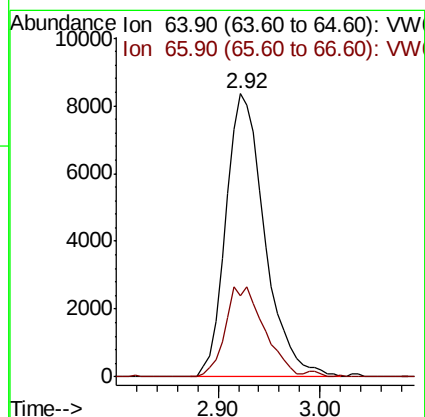
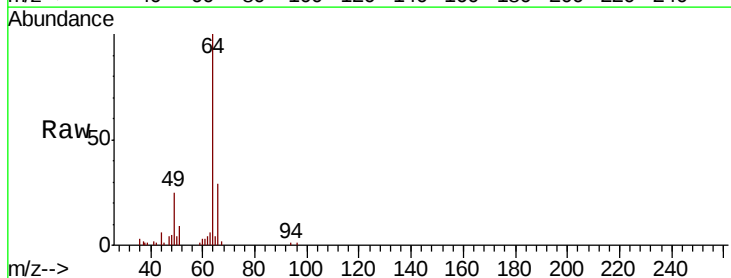
Acq: 21 Aug 2020 12:49

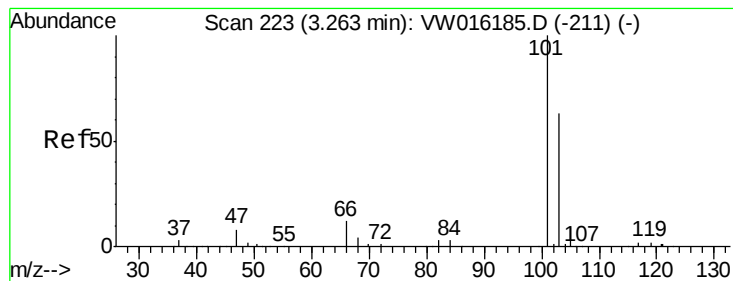
Tgt Ion: 64 Resp: 22065

Ion Ratio Lower Upper

64 100

66 28.8 26.9 40.3





#7

Trichlorofluoromethane

Concen: 20.205 ug/l

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW016300.D

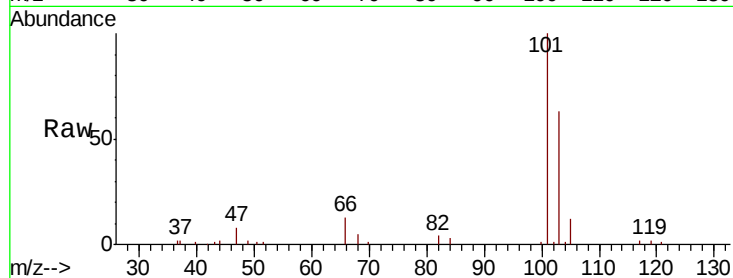
Acq: 21 Aug 2020 12:49

Tot Ion:101 Resp: 37355

Ion Ratio Lower Upper

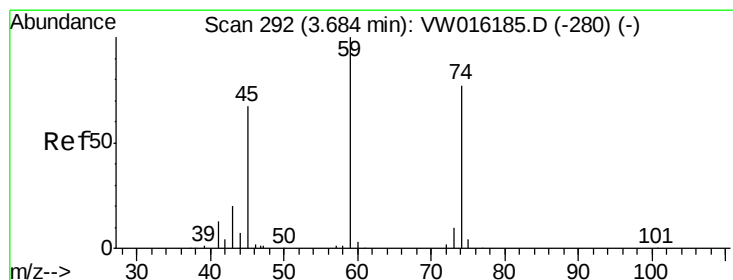
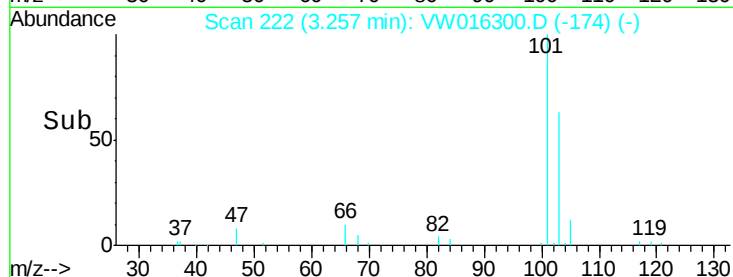
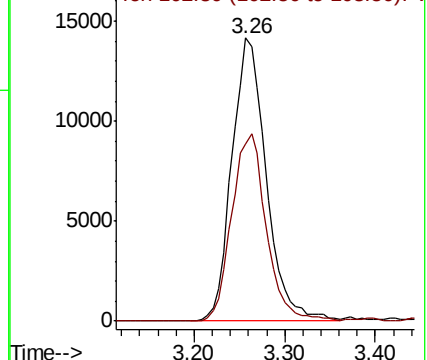
101 100

103 62.6 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.501 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW016300.D

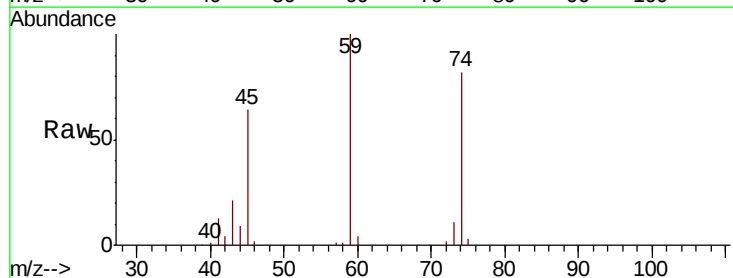
Acq: 21 Aug 2020 12:49

Tgt Ion: 74 Resp: 21464

Ion Ratio Lower Upper

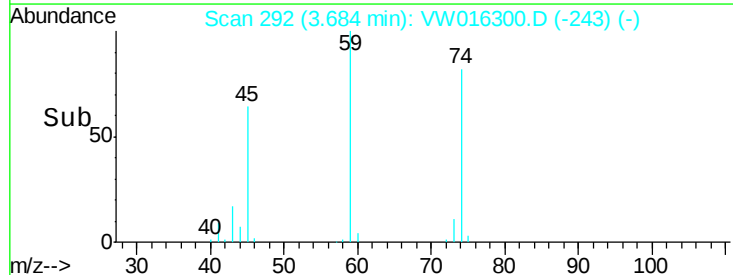
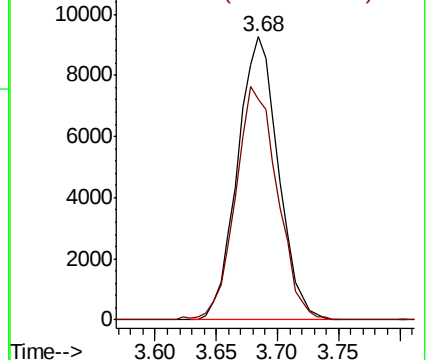
74 100

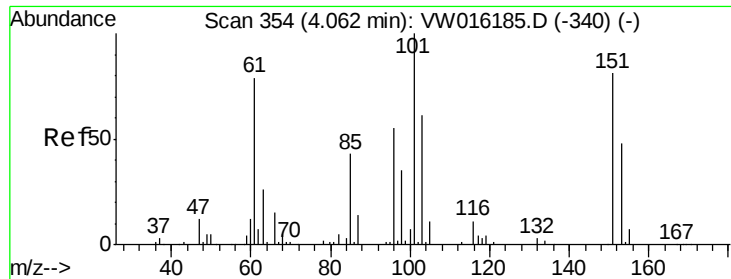
45 84.6 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.825 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

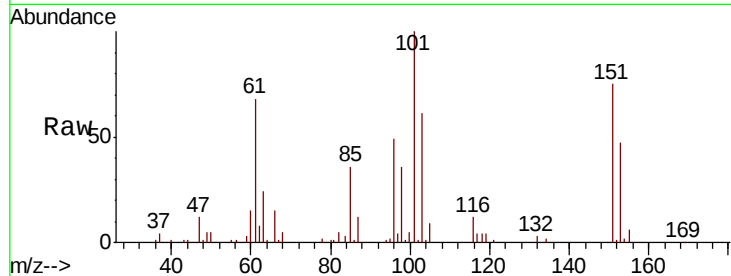
Tot Ion:101 Resp: 43213

Ion Ratio Lower Upper

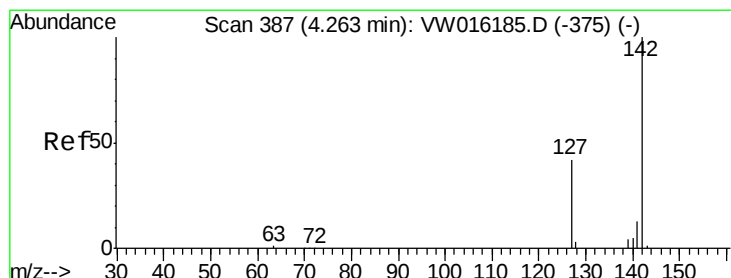
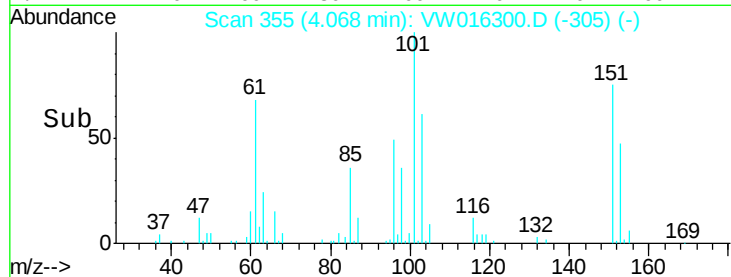
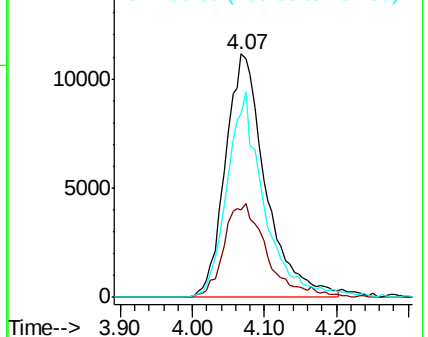
101 100

85 41.0 33.3 49.9

151 78.2 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V
15000 Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.450 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

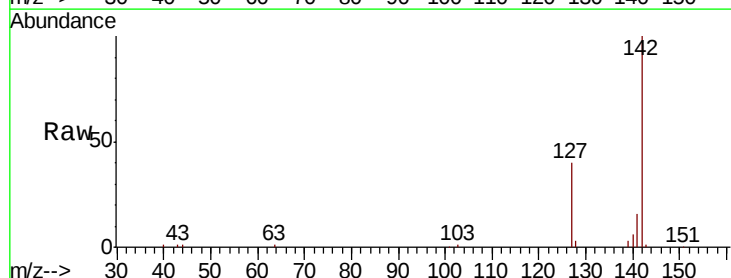
Tgt Ion:142 Resp: 64627

Ion Ratio Lower Upper

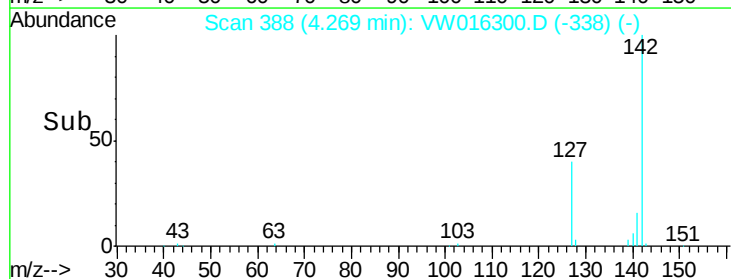
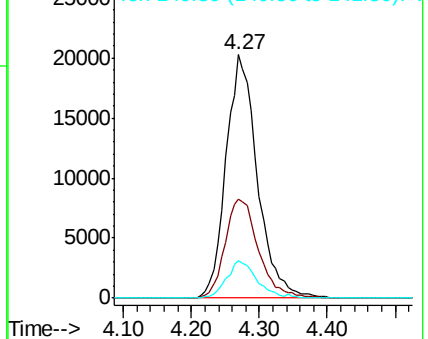
142 100

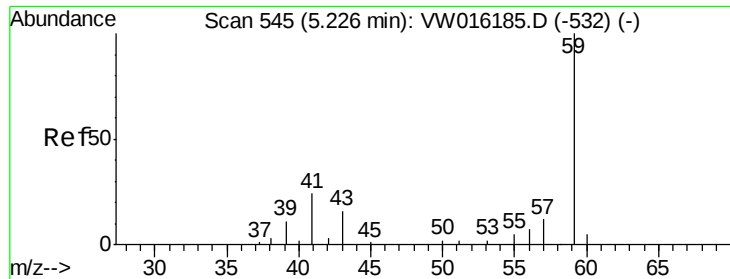
127 43.1 34.6 52.0

141 14.7 11.4 17.2



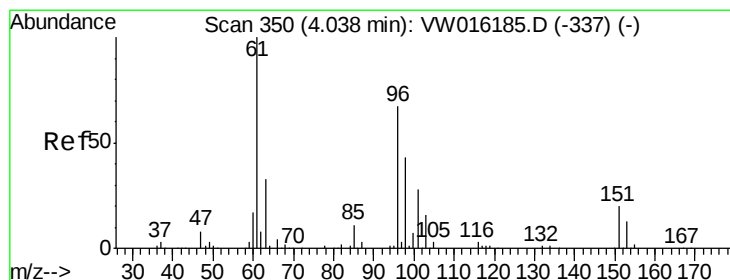
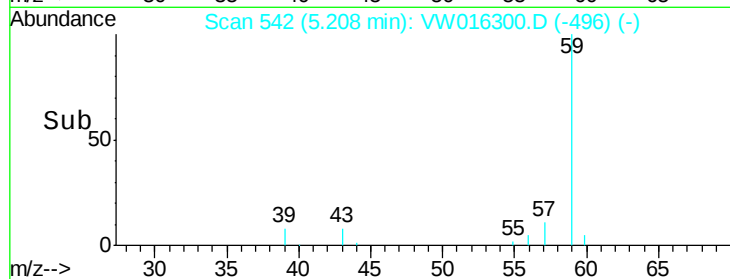
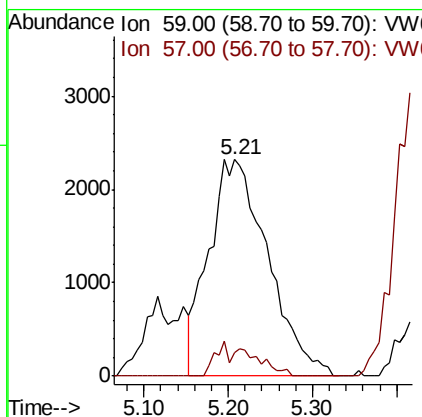
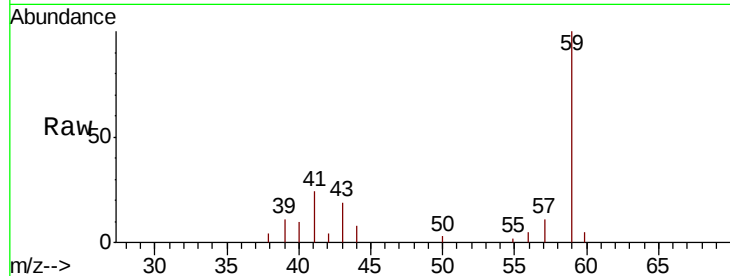
Abundance Ion 141.80 (141.50 to 142.50): V
25000 Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





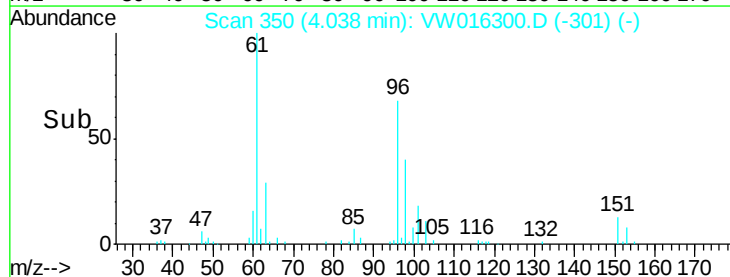
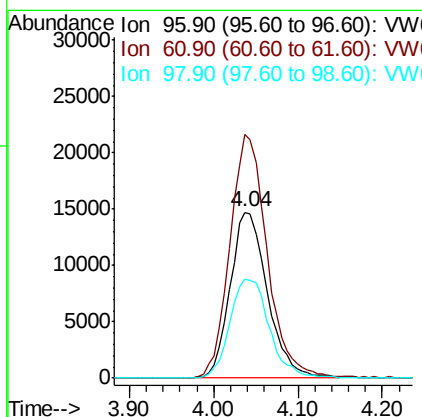
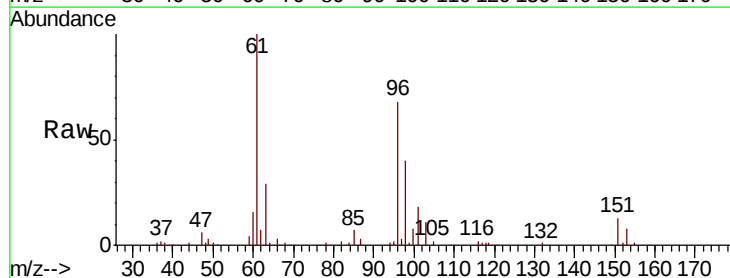
#11
Tert butyl alcohol
Concen: 95.728 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

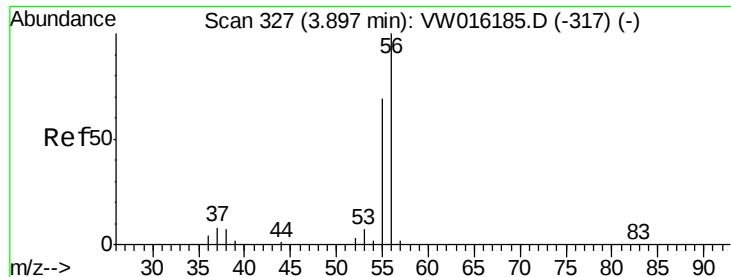
Tot Ion: 59 Resp: 11196
Ion Ratio Lower Upper
59 100
57 5.1 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 17.926 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion: 96 Resp: 44225
Ion Ratio Lower Upper
96 100
61 147.1 119.5 179.3
98 59.4 51.3 76.9





#13

Acrolein

Concen: 91.663 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016300.D

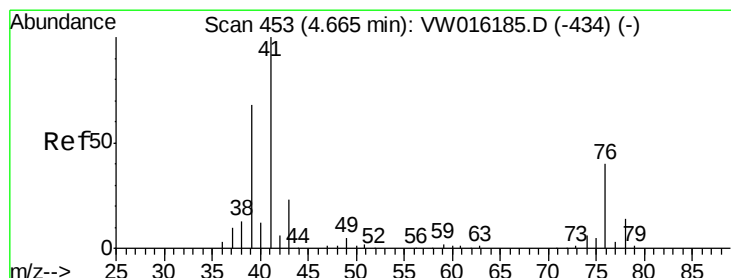
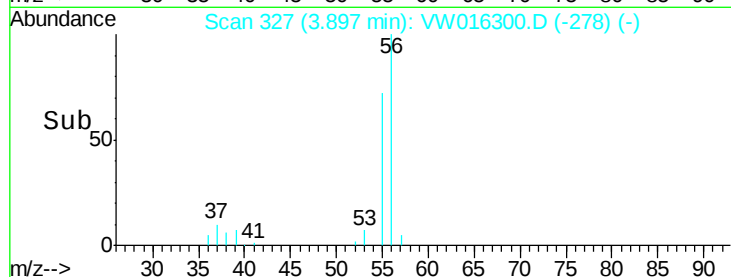
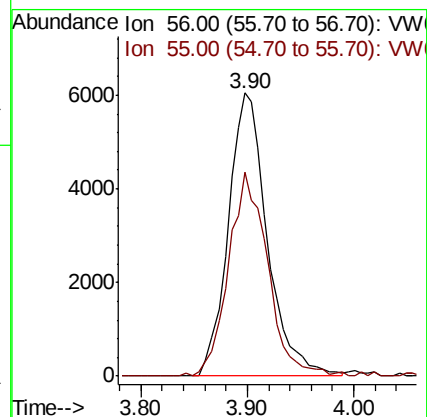
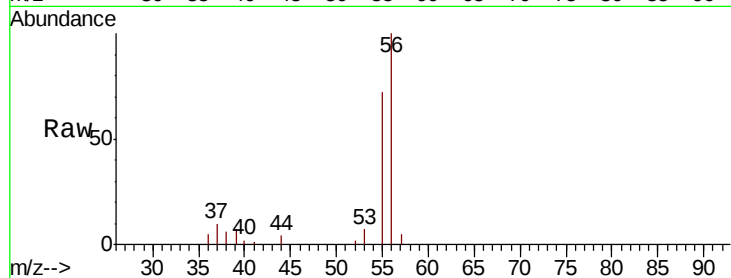
Acq: 21 Aug 2020 12:49

Tot Ion: 56 Resp: 15486

Ion Ratio Lower Upper

56 100

55 72.6 55.0 82.6



#14

Allyl chloride

Concen: 17.157 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

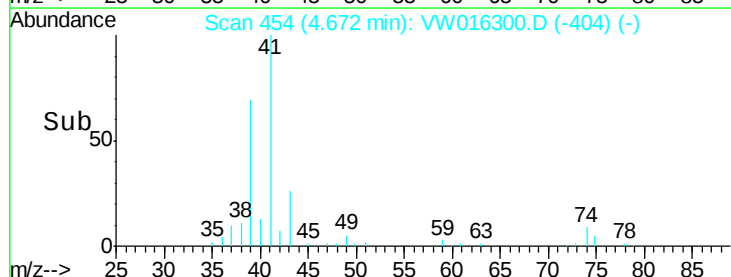
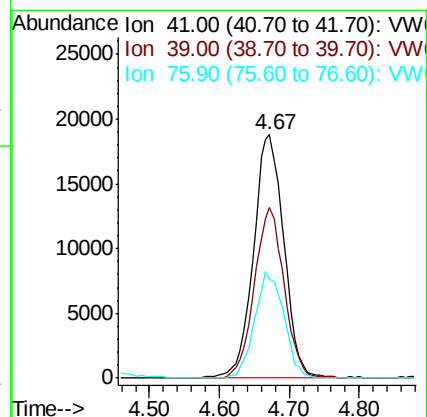
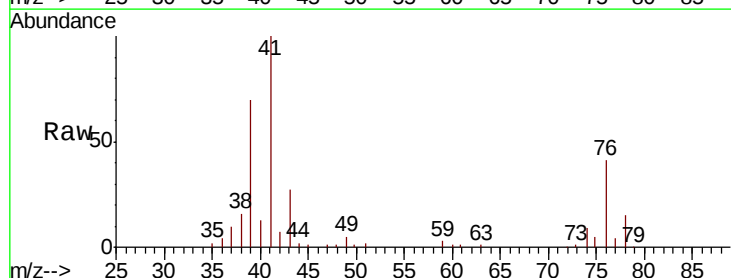
Tgt Ion: 41 Resp: 56713

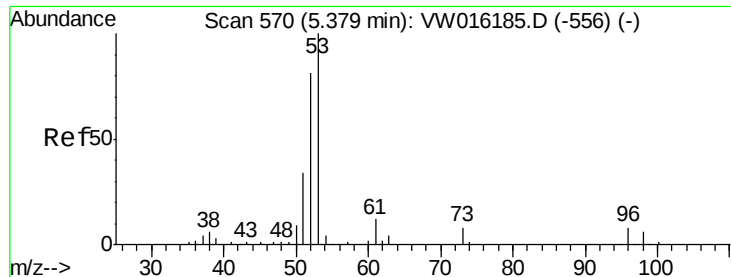
Ion Ratio Lower Upper

41 100

39 68.7 53.4 80.0

76 42.0 32.0 48.0





#15

Acrylonitrile

Concen: 92.921 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

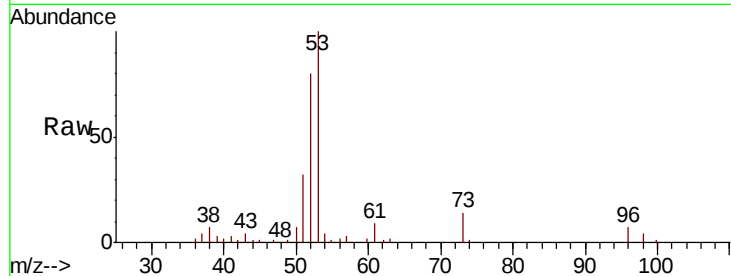
Tot Ion: 53 Resp: 40621

Ion Ratio Lower Upper

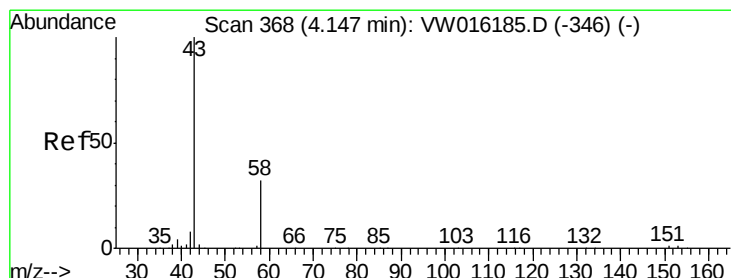
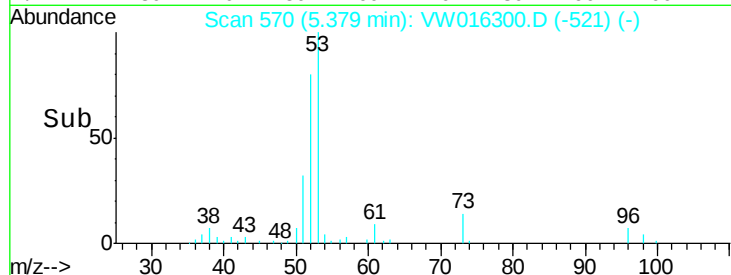
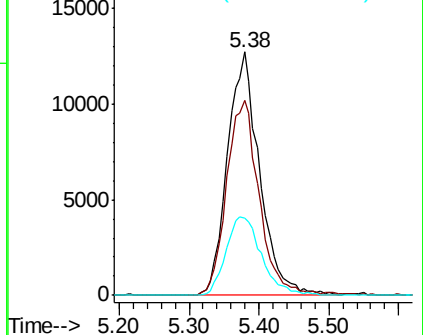
53 100

52 81.1 65.3 97.9

51 35.6 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: 79.008 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016300.D

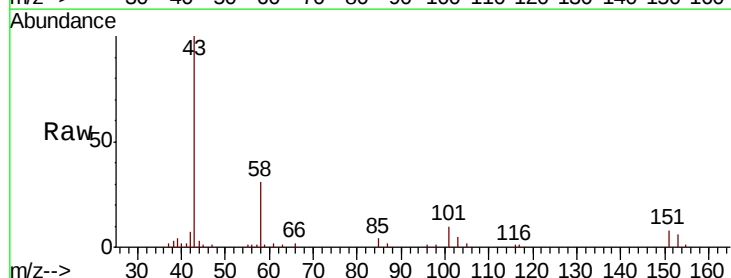
Acq: 21 Aug 2020 12:49

Tgt Ion: 43 Resp: 33261

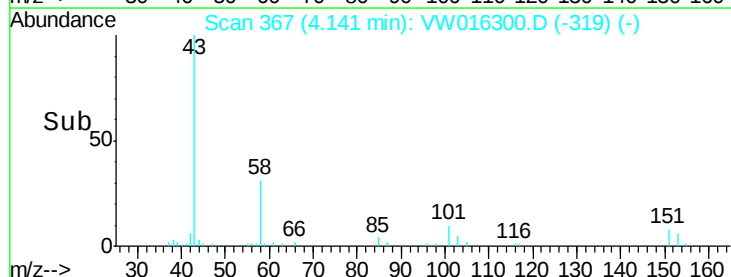
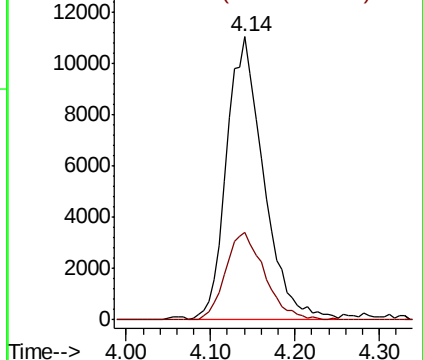
Ion Ratio Lower Upper

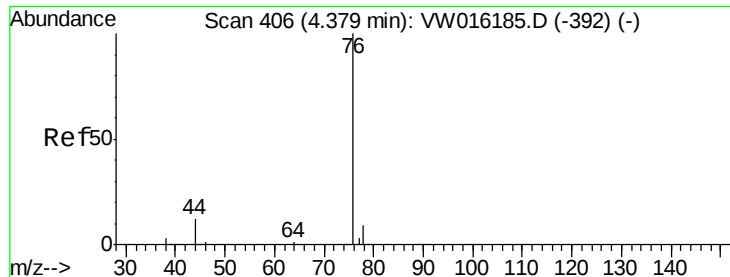
43 100

58 30.9 25.8 38.6



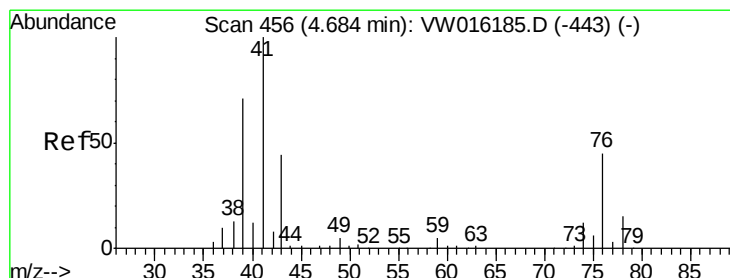
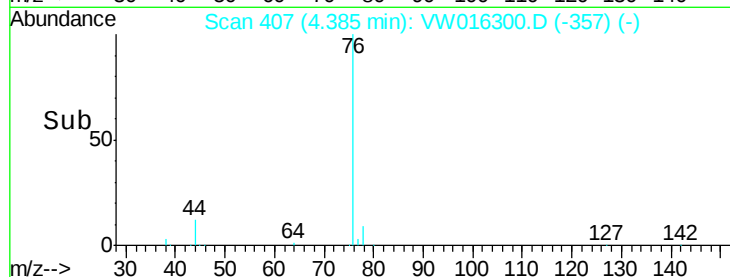
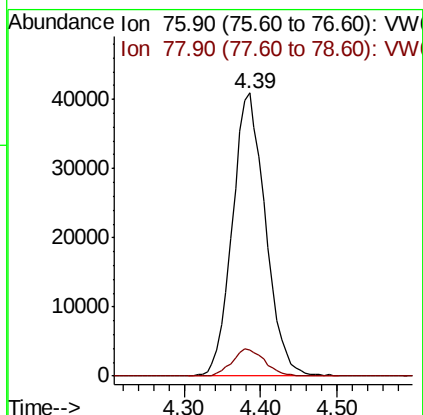
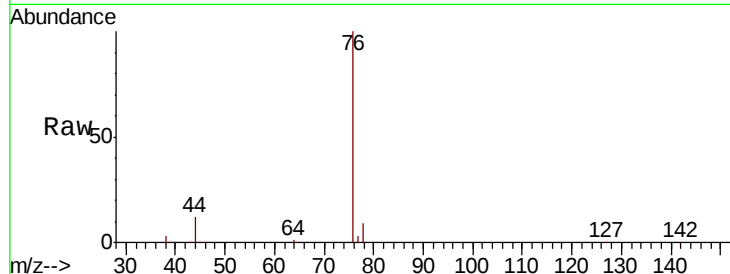
Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





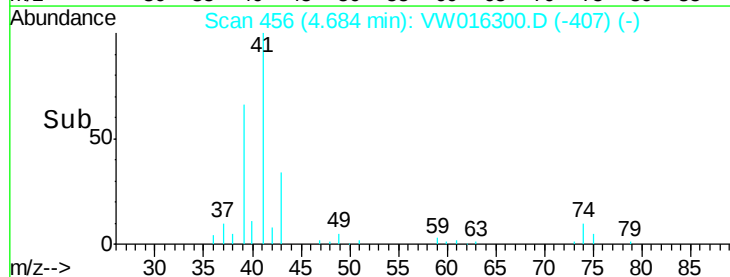
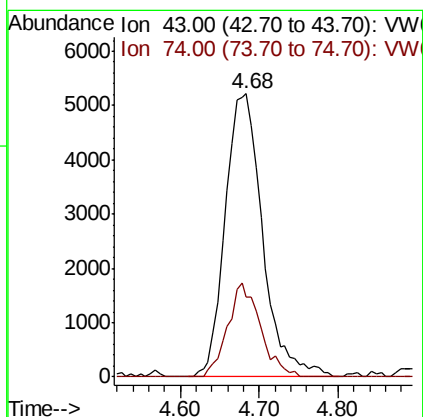
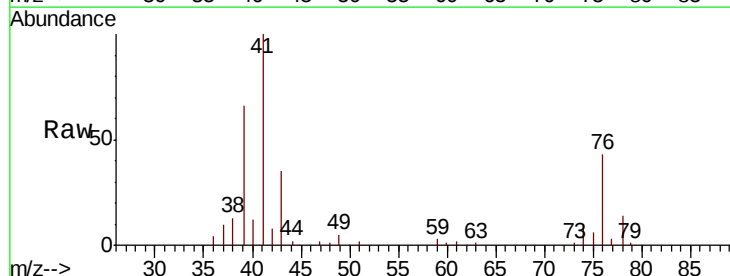
#17
Carbon Disulfide
Concen: 16.936 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

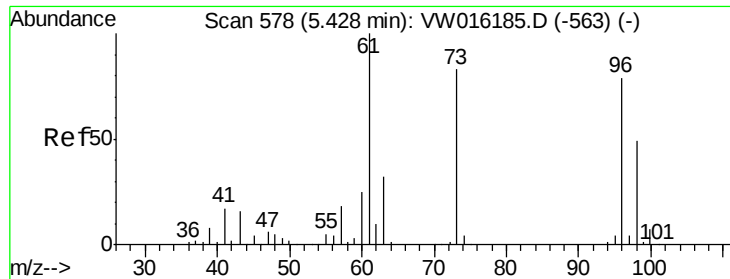
Tot Ion: 76 Resp: 122686
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 17.601 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion: 43 Resp: 17255
Ion Ratio Lower Upper
43 100
74 29.0 20.6 31.0

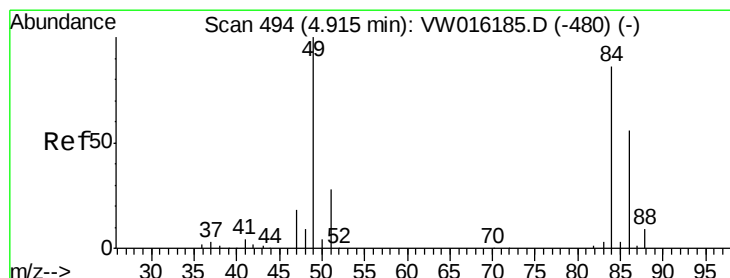
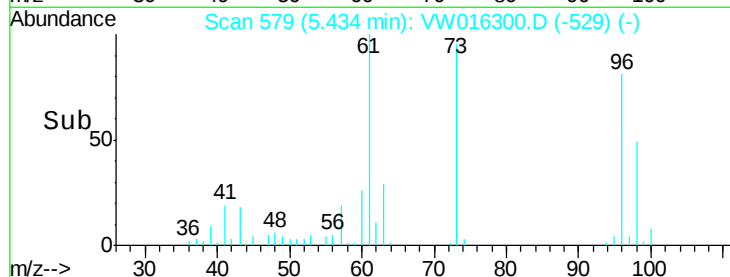
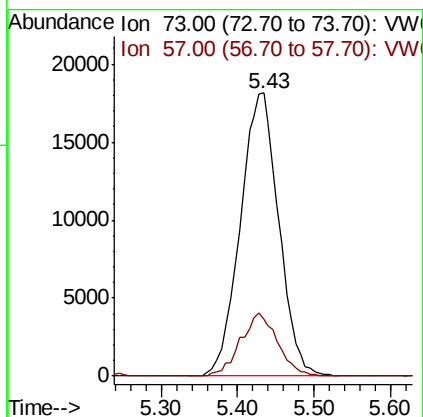
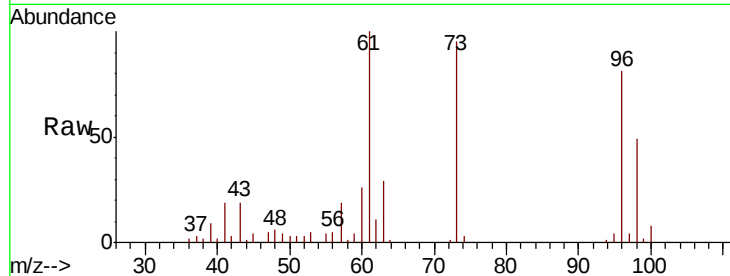




#19

Methyl tert-butyl Ether
 Concen: 20.821 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

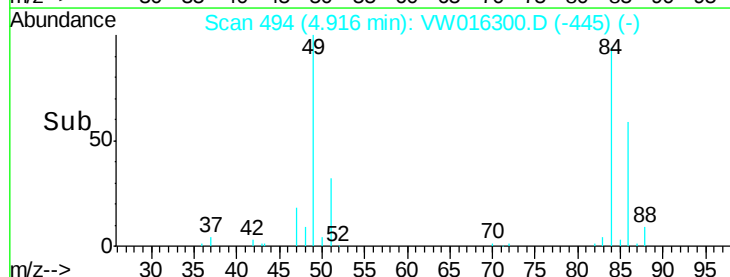
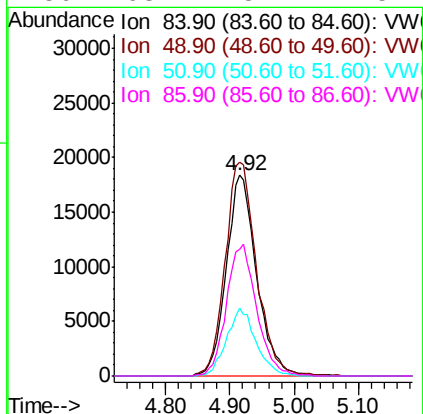
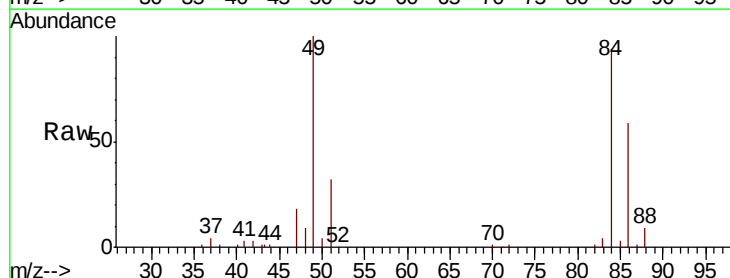
Tot Ion: 73 Resp: 63249
 Ion Ratio Lower Upper
 73 100
 57 20.2 17.2 25.8

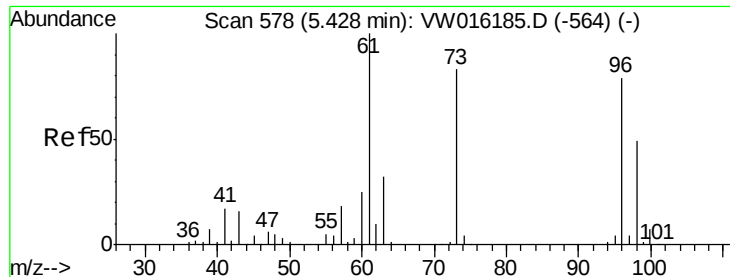


#20

Methylene Chloride
 Concen: 20.212 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion: 84 Resp: 60554
 Ion Ratio Lower Upper
 84 100
 49 106.4 93.4 140.2
 51 33.6 26.6 40.0
 86 63.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 17.860 ug/l

RT: 5.43 min Scan# 578

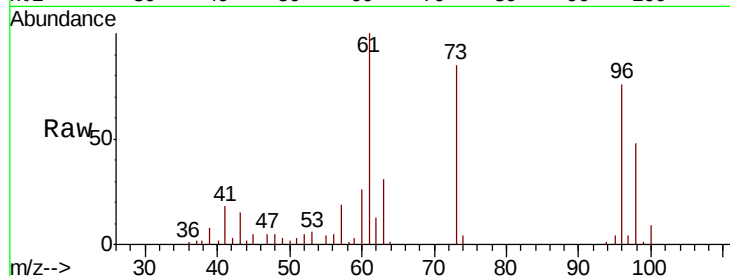
Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tot Ion: 96 Resp: 47982

Ion	Ratio	Lower	Upper
96	100		
61	132.4	101.4	152.0
98	63.2	49.4	74.0

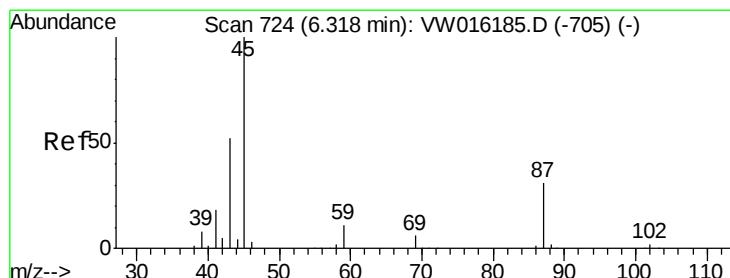
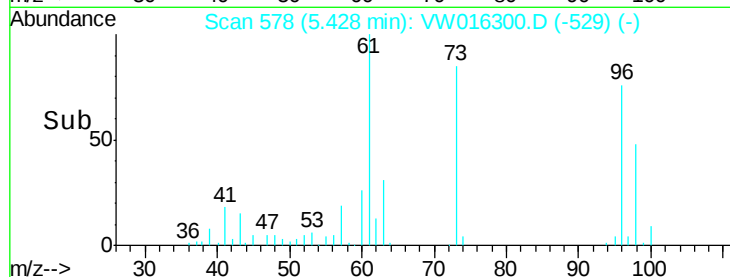
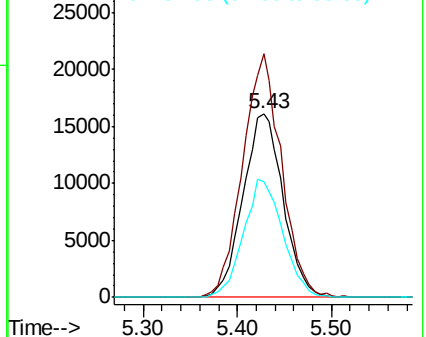


Abundance

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: 18.269 ug/l

RT: 6.31 min Scan# 723

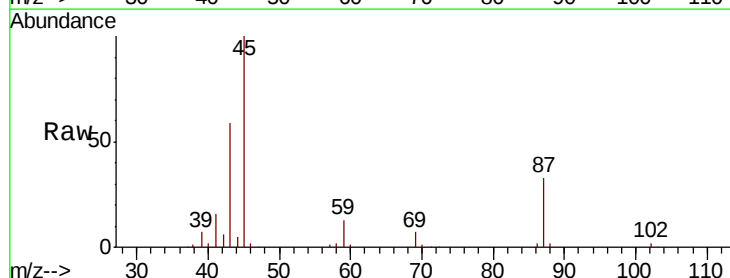
Delta R.T. -0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion: 45 Resp: 113845

Ion	Ratio	Lower	Upper
45	100		
43	57.8	41.7	62.5
87	32.4	25.0	37.6
59	12.7	9.2	13.8



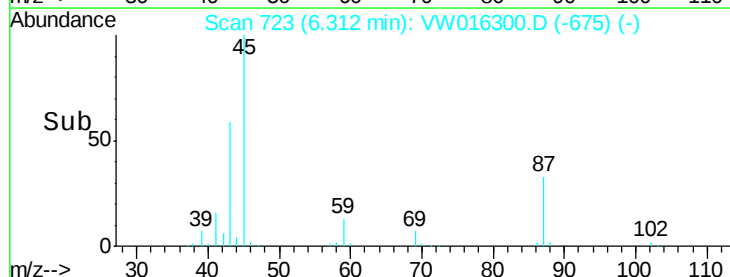
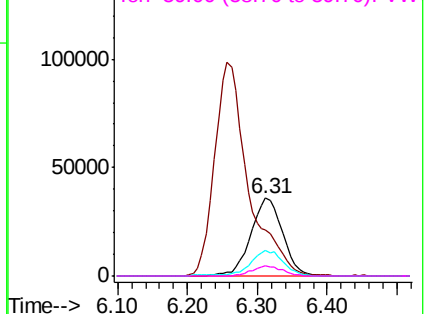
Abundance

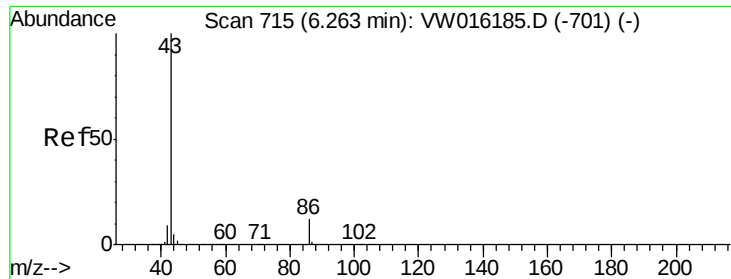
Ion 45.00 (44.70 to 45.70): VW

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: 92.658 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016300.D

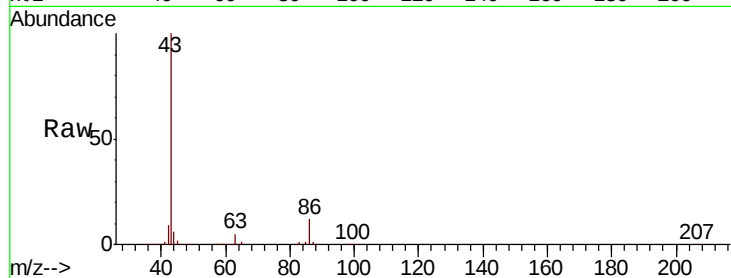
Acq: 21 Aug 2020 12:49

Tot Ion: 43 Resp: 330625

Ion Ratio Lower Upper

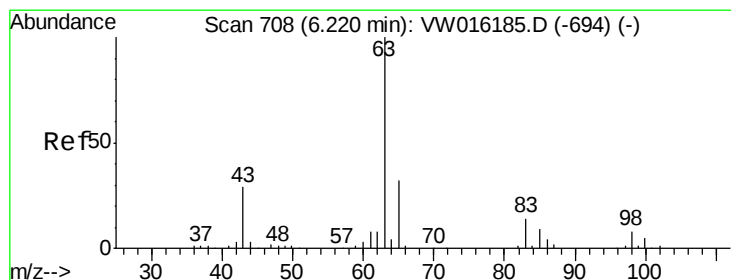
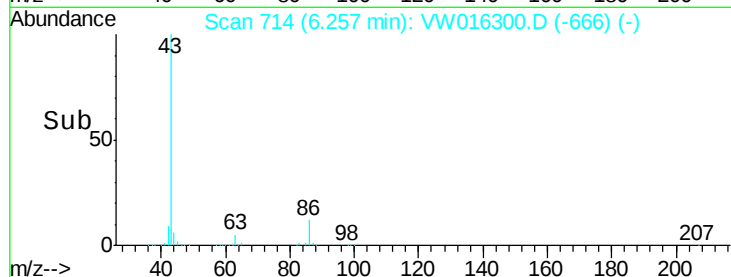
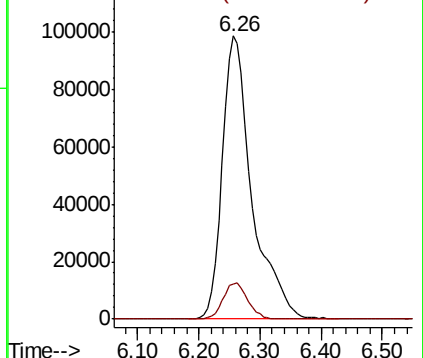
43 100

86 12.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 17.506 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

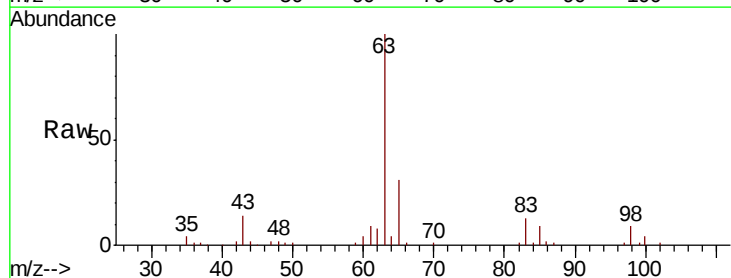
Tgt Ion: 63 Resp: 76140

Ion Ratio Lower Upper

63 100

98 8.8 3.9 11.7

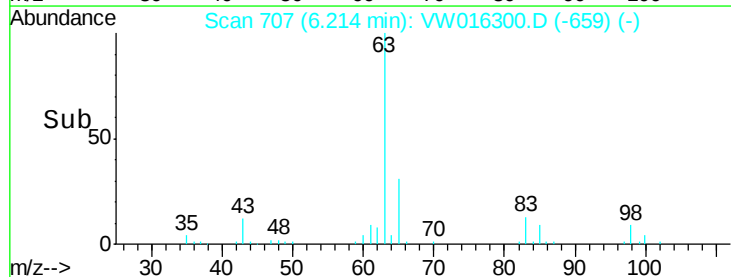
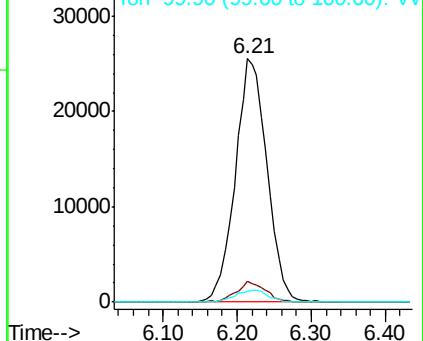
100 4.4 2.6 8.0

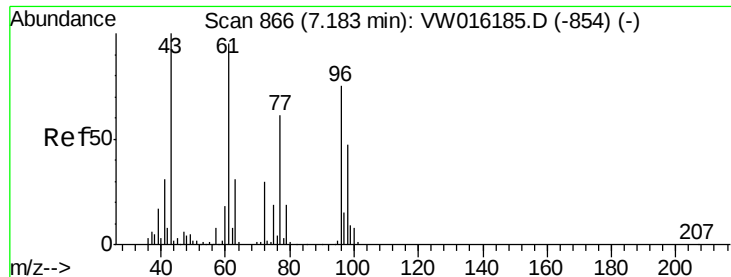


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 89.480 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016300.D

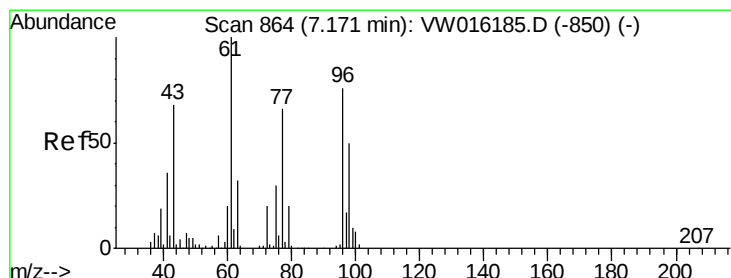
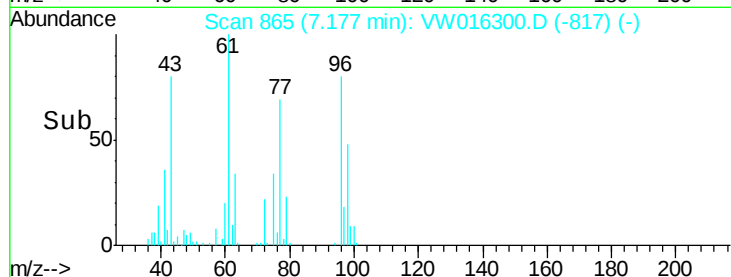
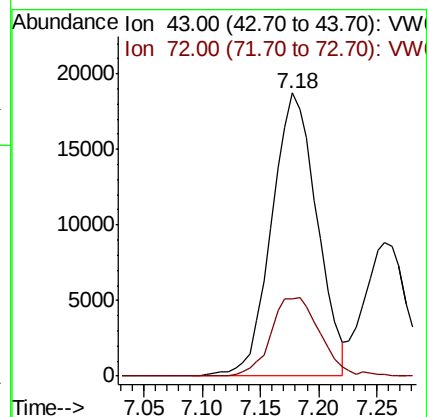
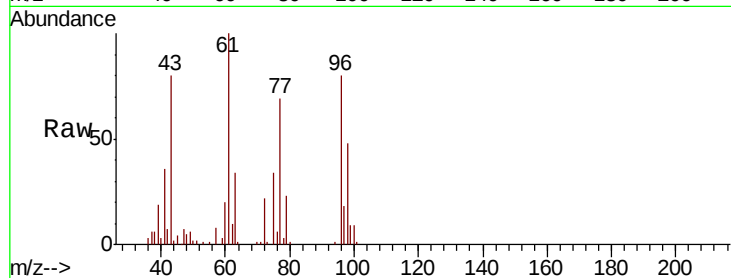
Acq: 21 Aug 2020 12:49

Tot Ion: 43 Resp: 50484

Ion Ratio Lower Upper

43 100

72 27.3 24.2 36.2



#26

2,2-Dichloropropane

Concen: 19.380 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016300.D

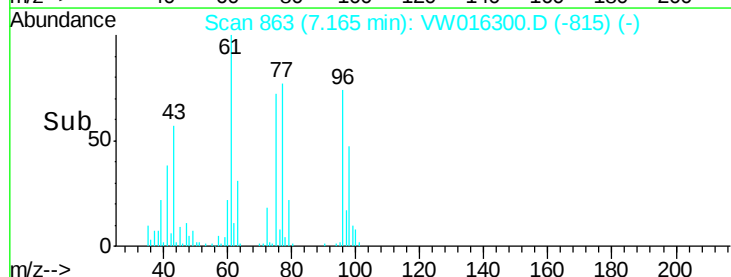
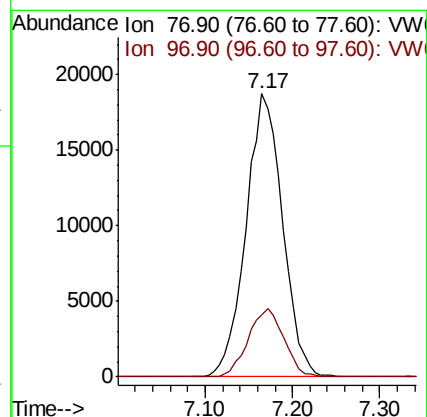
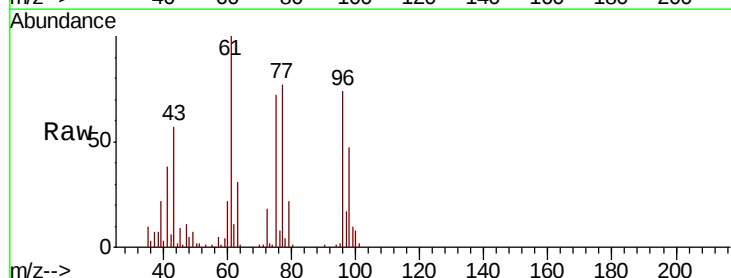
Acq: 21 Aug 2020 12:49

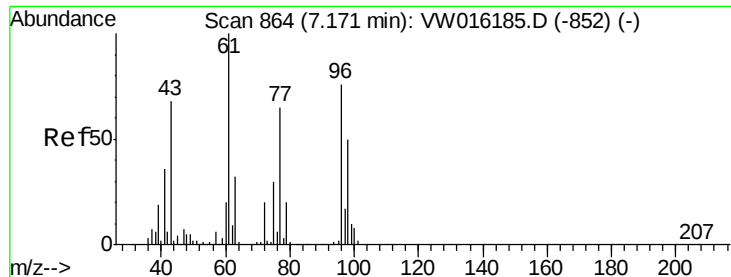
Tgt Ion: 77 Resp: 54449

Ion Ratio Lower Upper

77 100

97 23.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 18.824 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

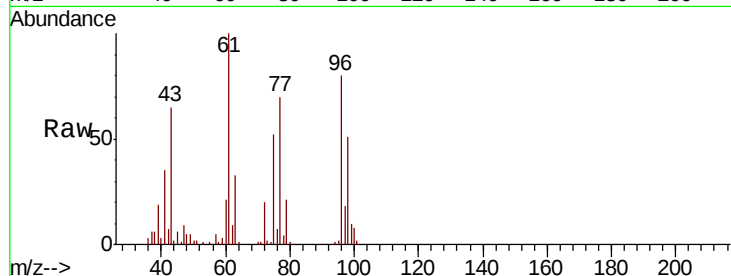
Tot Ion: 96 Resp: 52200

Ion Ratio Lower Upper

96 100

61 129.9 0.0 267.0

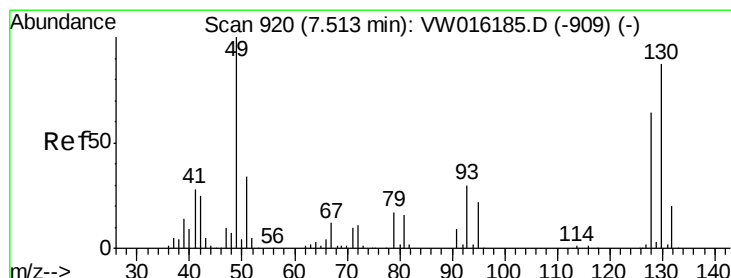
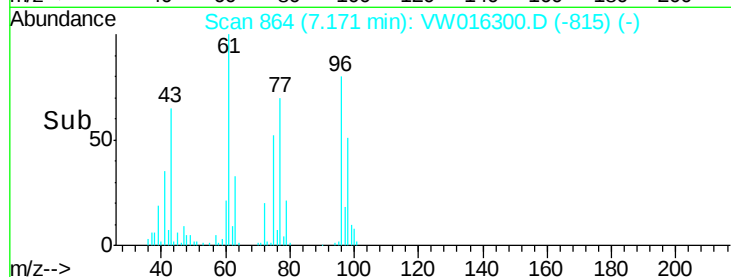
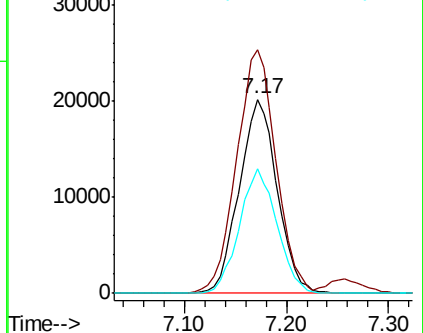
98 63.6 0.0 129.6



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: 18.004 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

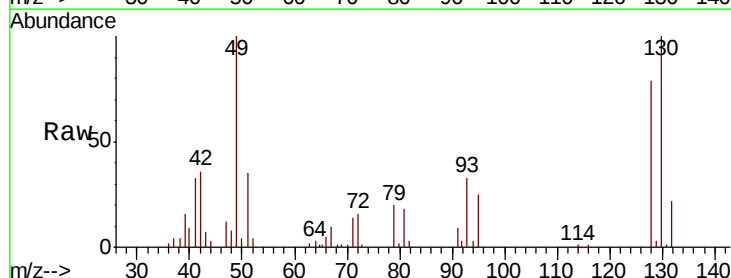
Tgt Ion: 49 Resp: 29709

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.2

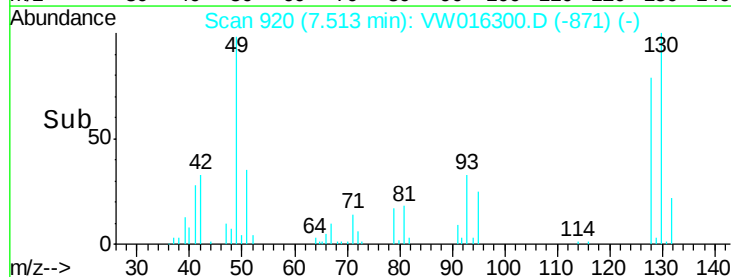
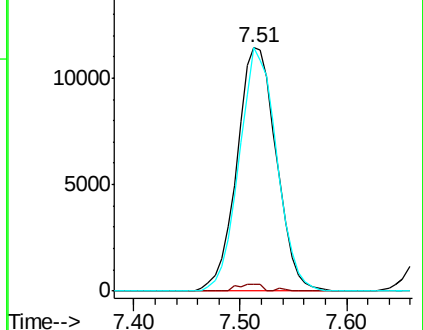
130 95.0 69.9 104.9

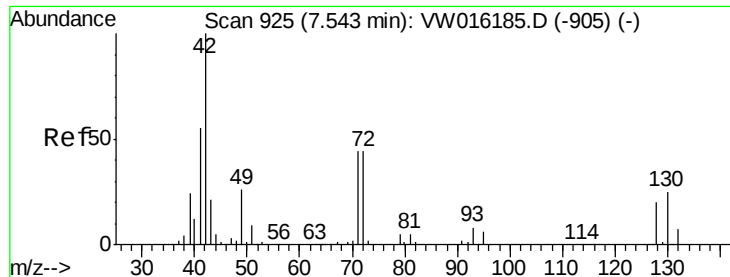


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 93.126 ug/l

RT: 7.54 min Scan# 924

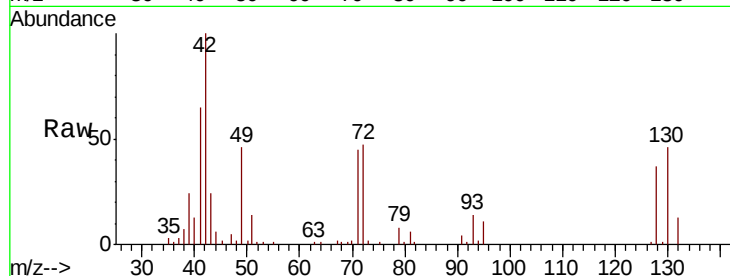
Delta R.T. -0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tot Ion: 42 Resp: 31407

Ion	Ratio	Lower	Upper
42	100		
72	50.4	37.4	56.2
71	46.8	35.6	53.4

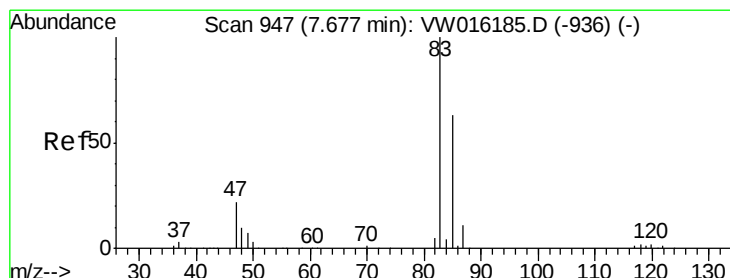
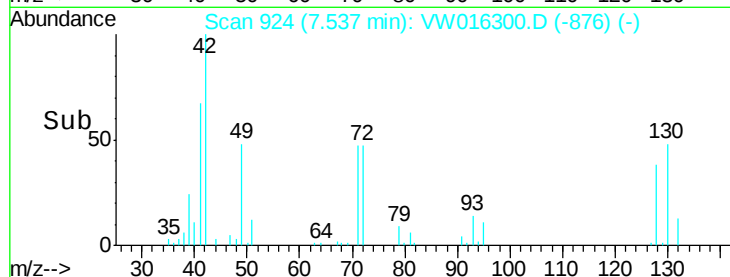
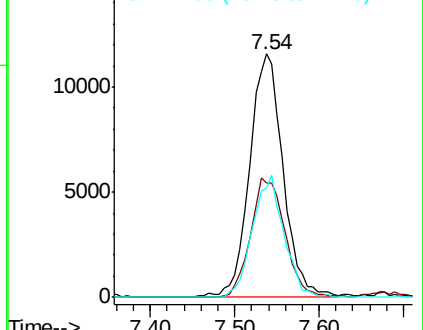


Abundance

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: 17.838 ug/l

RT: 7.68 min Scan# 947

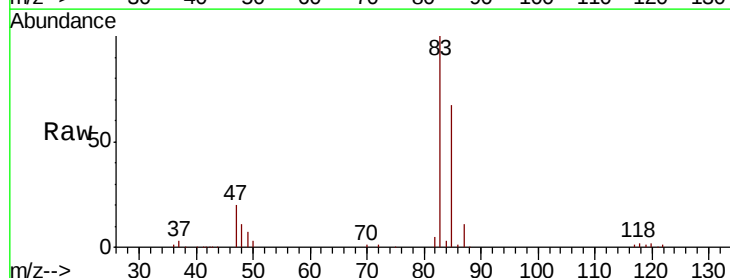
Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion: 83 Resp: 80609

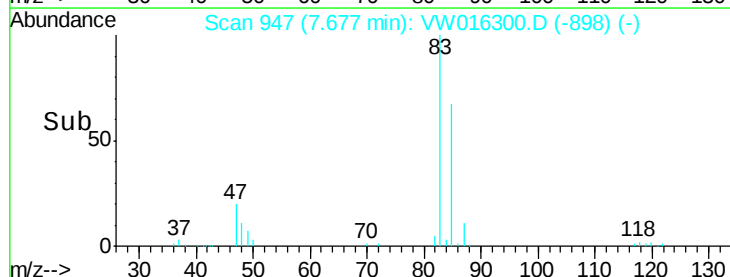
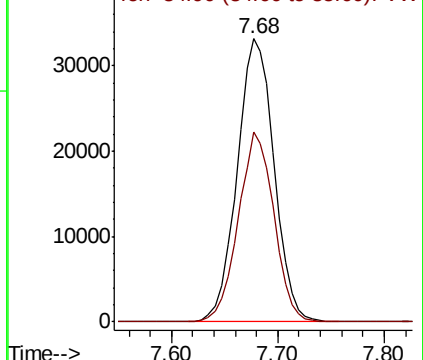
Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.0	75.0

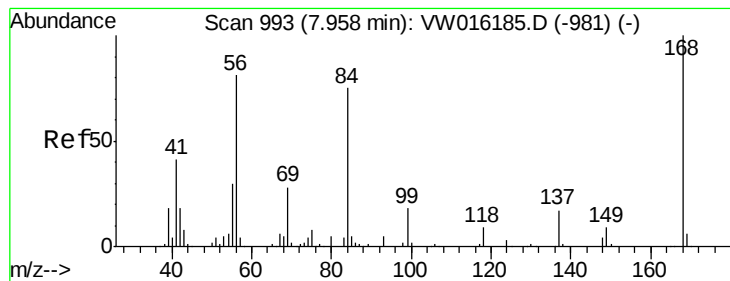


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 17.886 ug/l

RT: 7.96 min Scan# 993

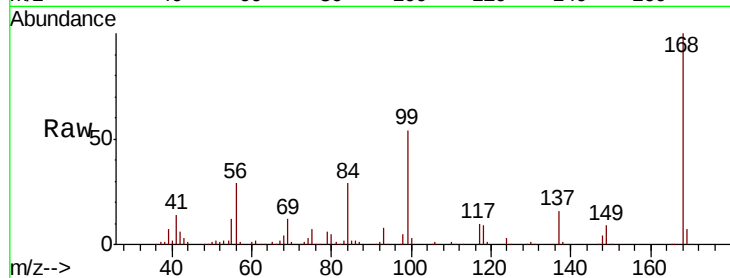
Delta R.T. 0.00 min

Lab File: VW016300.D

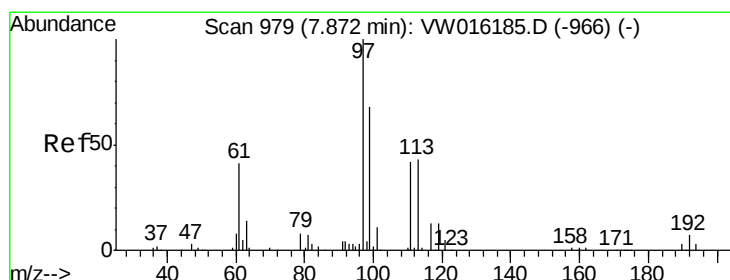
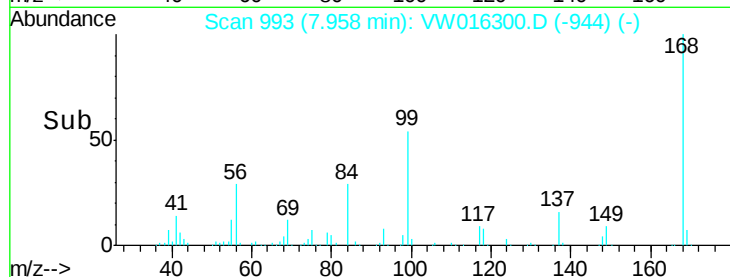
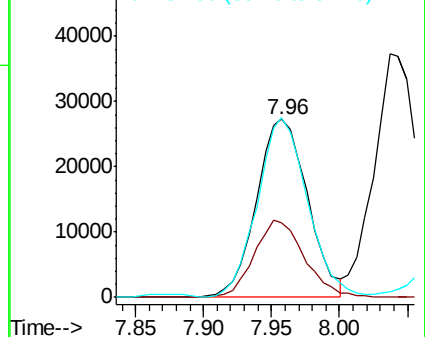
Acq: 21 Aug 2020 12:49

Tot Ion: 56 Resp: 71729

Ion	Ratio	Lower	Upper
56	100		
69	41.6	27.3	40.9#
84	99.8	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: 18.772 ug/l

RT: 7.88 min Scan# 980

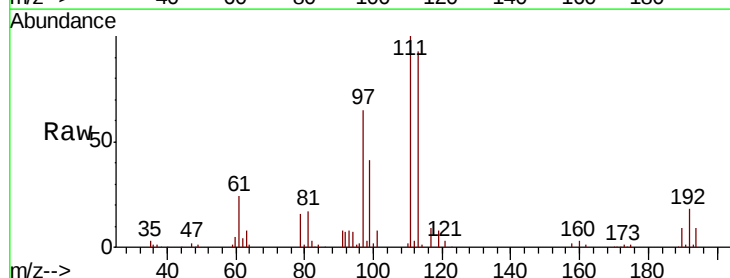
Delta R.T. 0.01 min

Lab File: VW016300.D

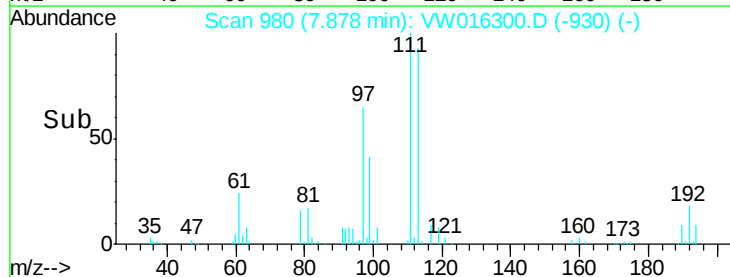
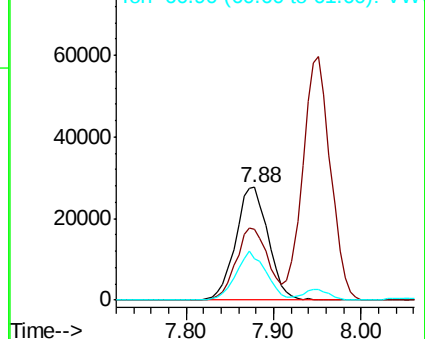
Acq: 21 Aug 2020 12:49

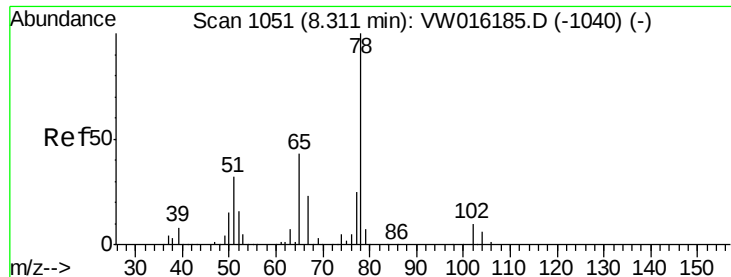
Tgt Ion: 97 Resp: 71270

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	40.5	33.2	49.8



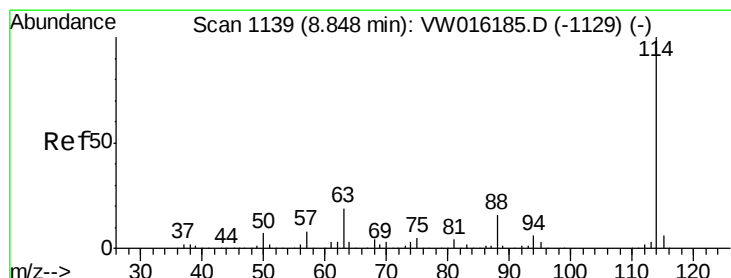
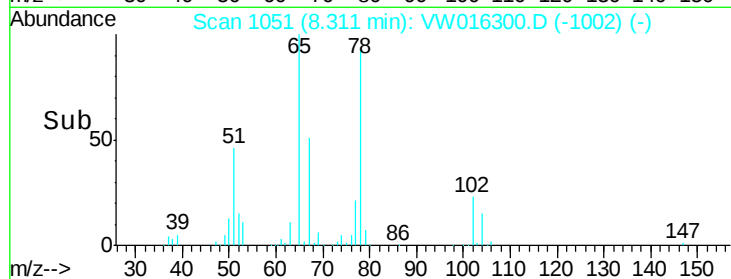
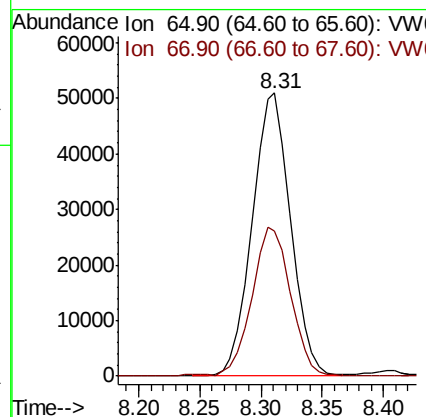
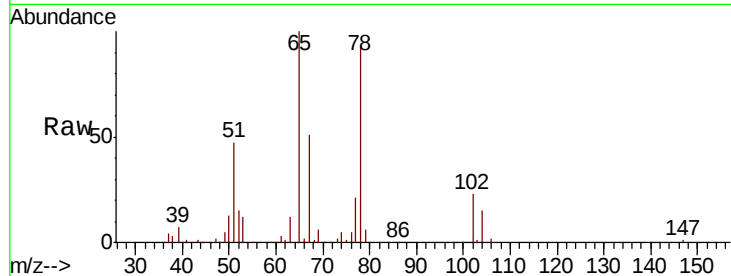
Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





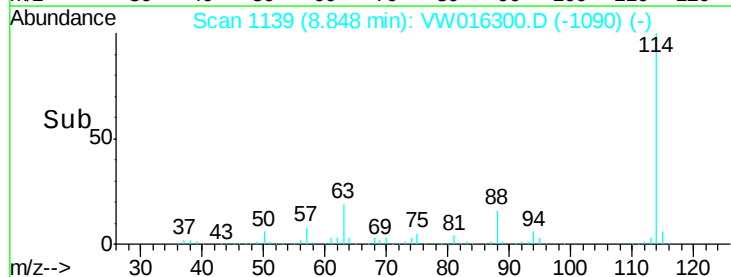
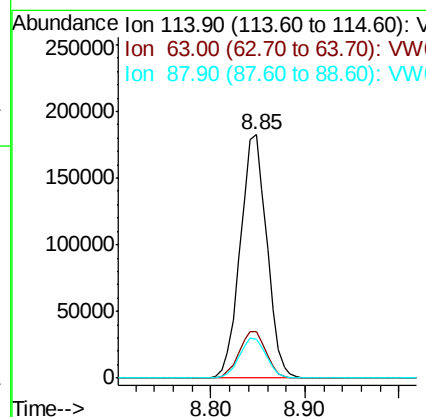
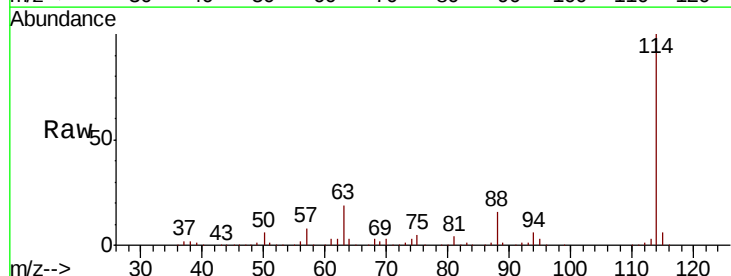
#33
 1,2-Dichloroethane-d4
 Concen: 50.600 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

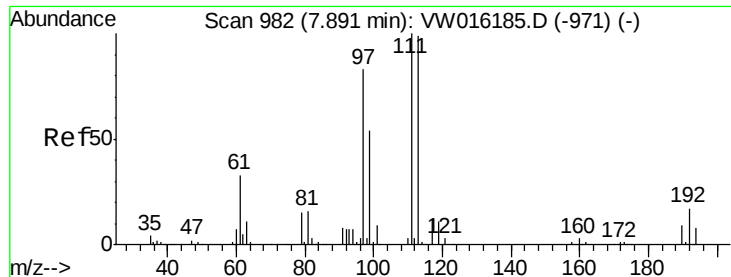
Tot Ion: 65 Resp: 111197
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

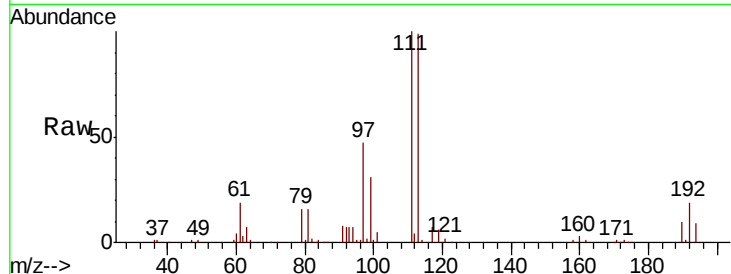
Tgt Ion: 114 Resp: 358961
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 16.1 0.0 32.8



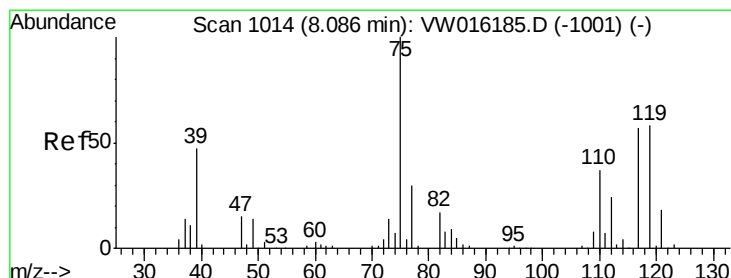
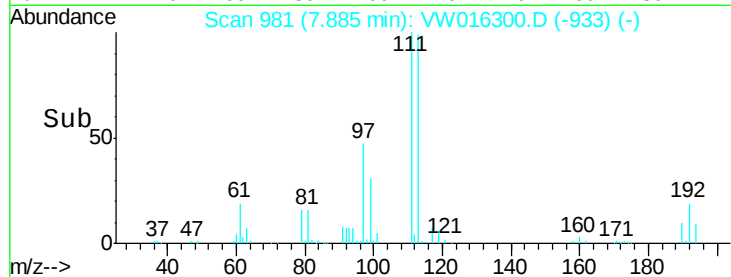
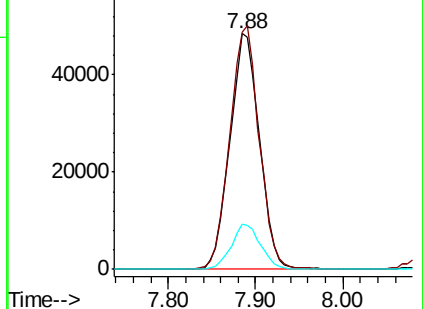


#35
 Dibromofluoromethane
 Concen: 51.478 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.5	125.3
192	18.9	14.3	21.5

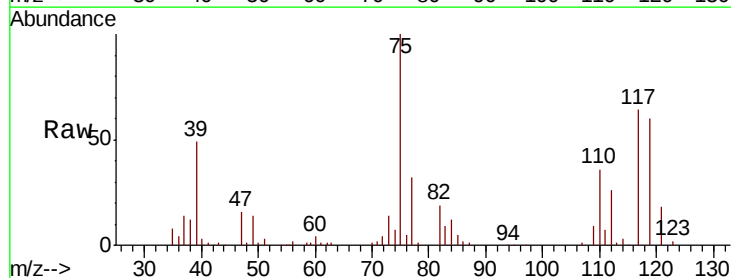


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

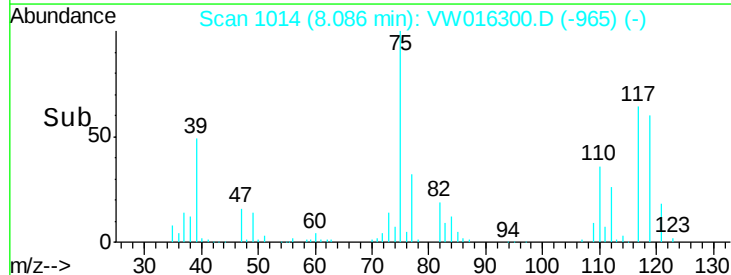
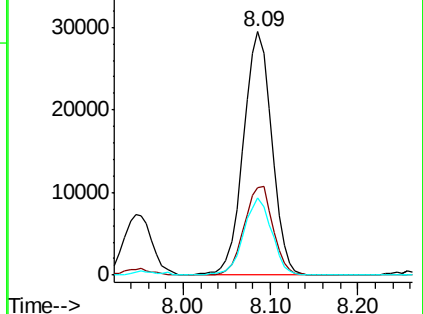


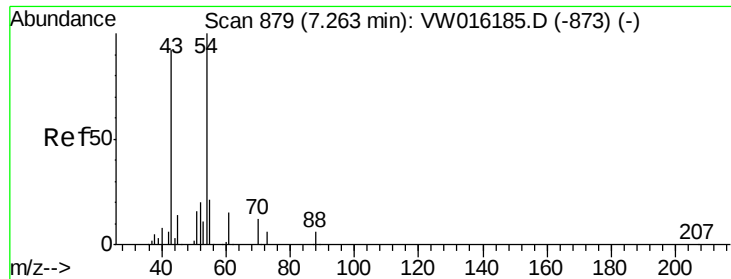
#36
 1,1-Dichloropropene
 Concen: 18.878 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.3
77	31.3	24.7	37.1



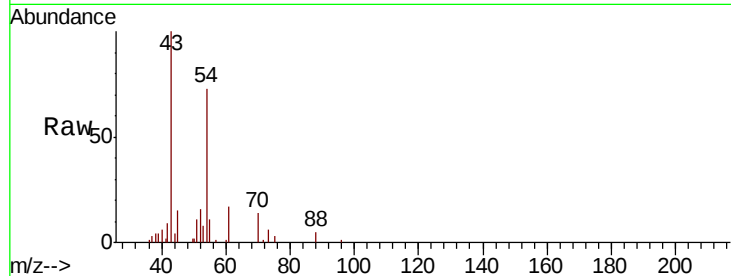
Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW



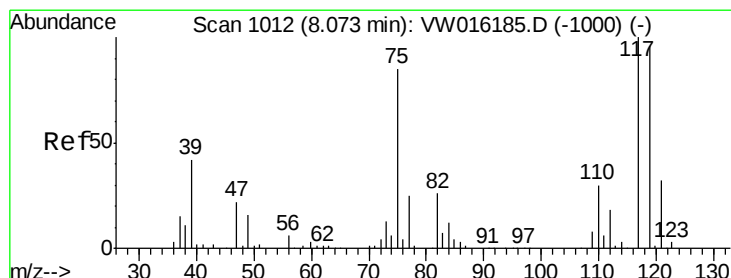
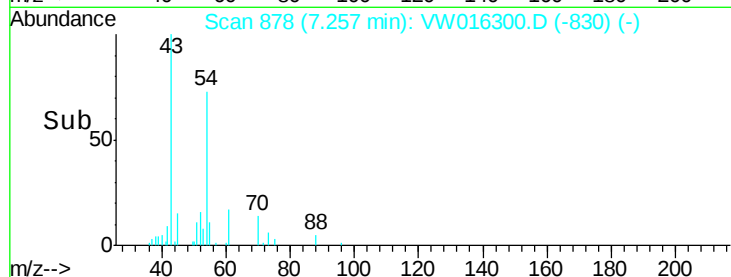
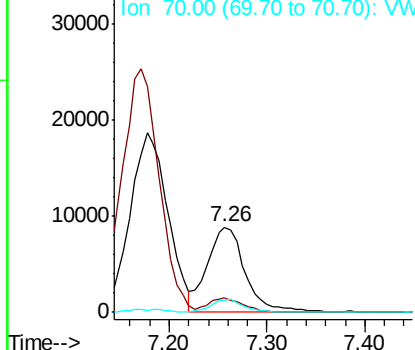


#37
Ethyl Acetate
Concen: 19.384 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tot Ion: 43 Resp: 23502
Ion Ratio Lower Upper
43 100
61 15.6 12.6 18.8
70 13.2 9.8 14.8

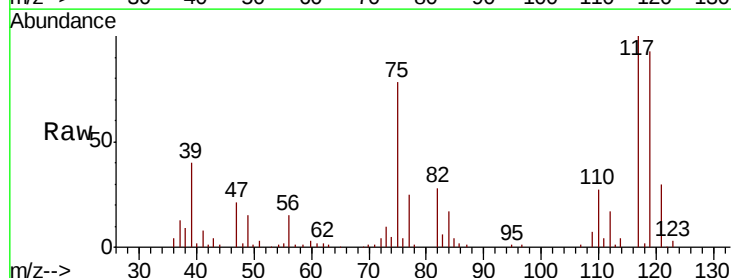


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

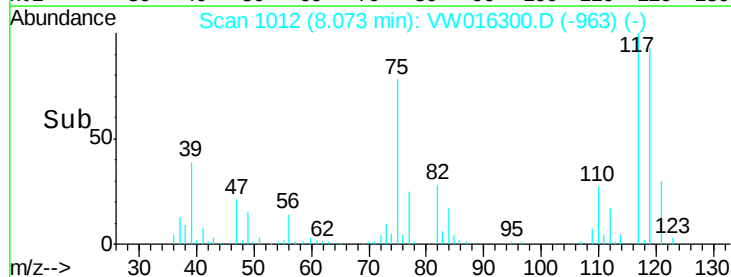
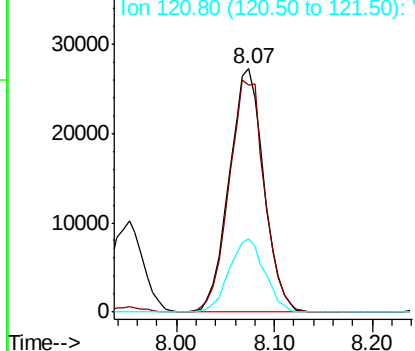


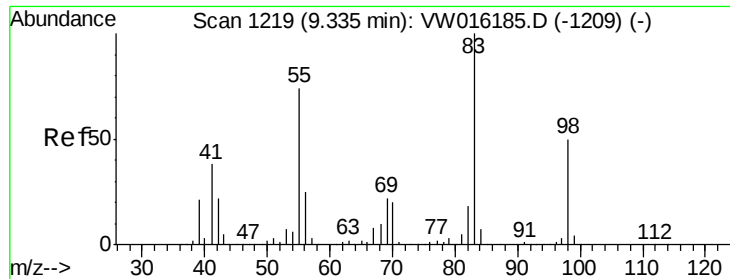
#38
Carbon Tetrachloride
Concen: 18.953 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion: 117 Resp: 66884
Ion Ratio Lower Upper
117 100
119 93.2 76.6 115.0
121 30.0 25.4 38.0



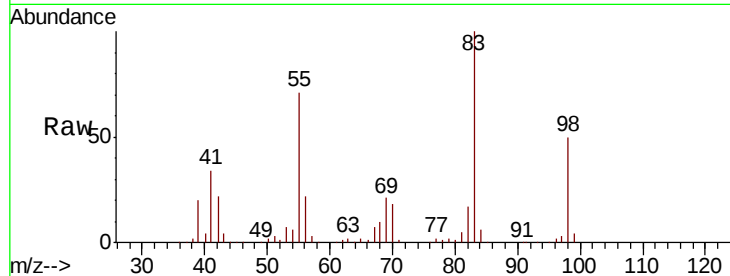
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



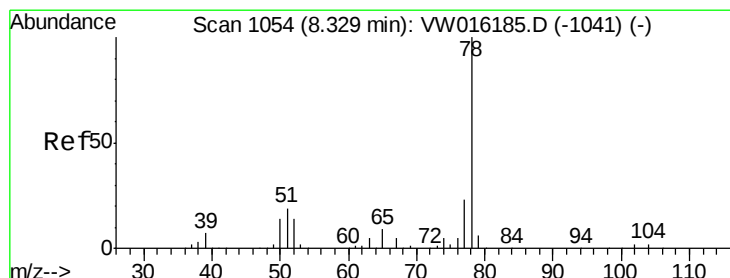
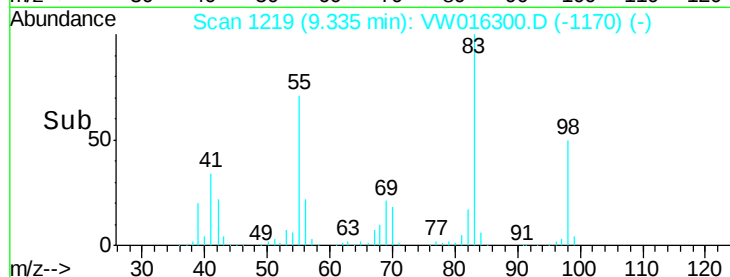
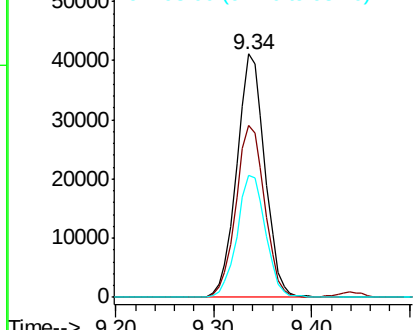


#39
Methvlcvclohexane
Concen: 19.255 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tot Ion: 83 Resp: 82019
Ion Ratio Lower Upper
83 100
55 70.7 59.2 88.8
98 50.2 40.2 60.2

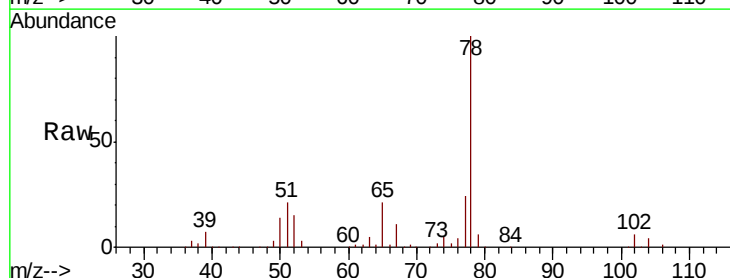


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

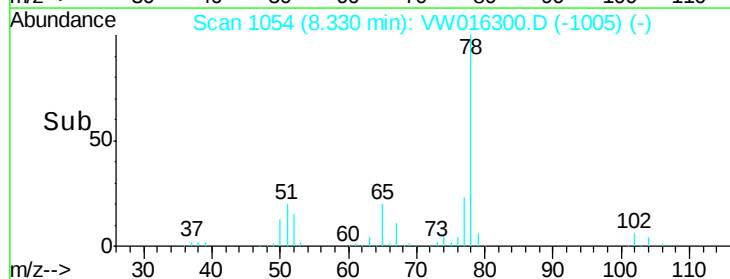
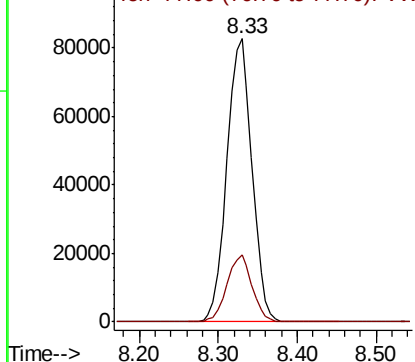


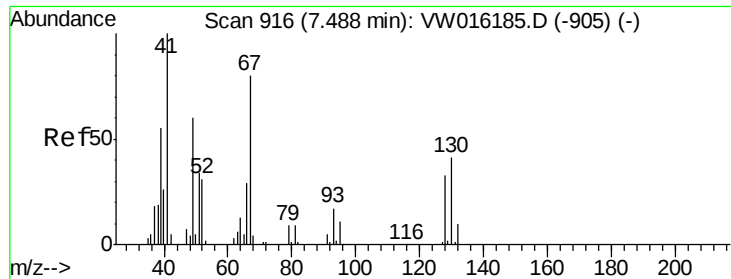
#40
Benzene
Concen: 18.425 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion: 78 Resp: 183300
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0



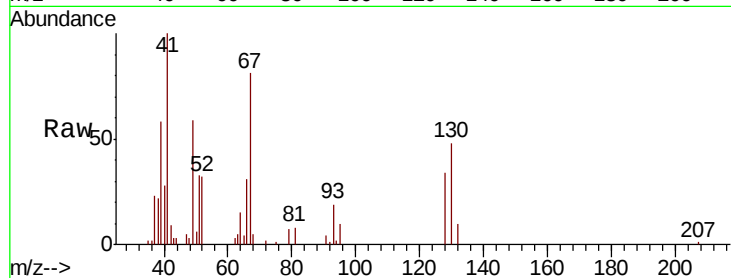
Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW



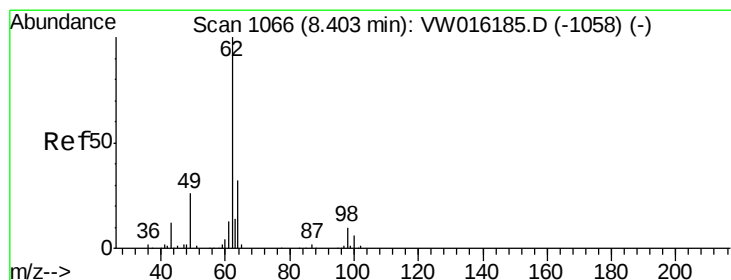
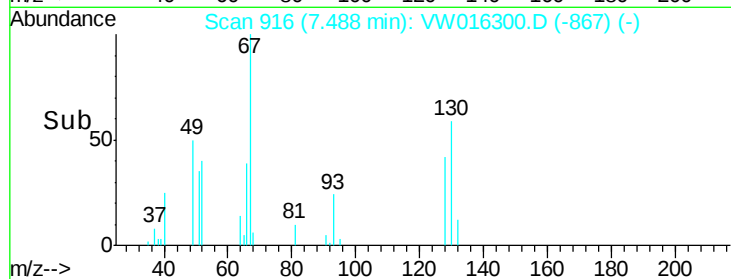
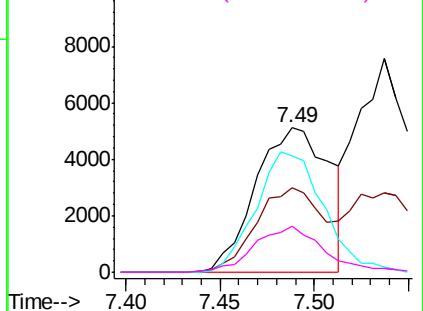


#41
Methacrylonitrile
Concen: 20.161 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tot Ion:	41	Resp:	13951
Ion	Ratio	Lower	Upper
41	100		
39	50.1	43.4	65.2
67	76.0	61.5	92.3
52	29.8	24.3	36.5

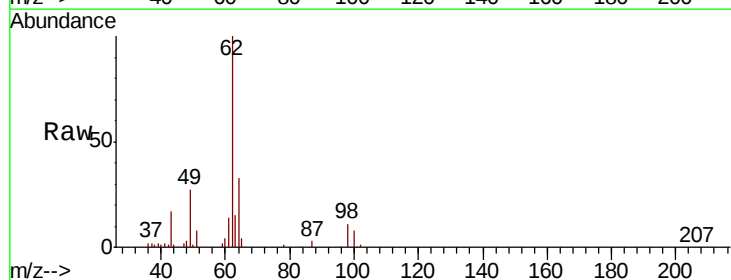


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

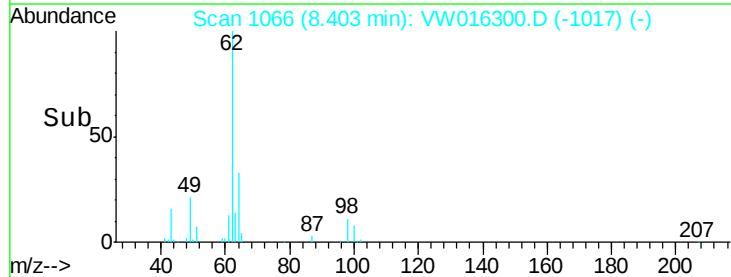
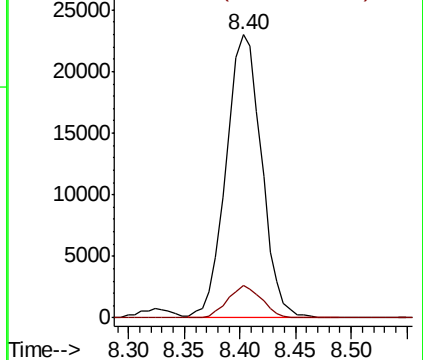


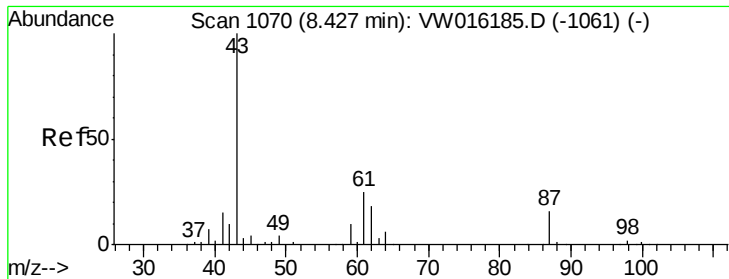
#42
1,2-Dichloroethane
Concen: 19.328 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion:	62	Resp:	50783
Ion	Ratio	Lower	Upper
62	100		
98	10.9	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: 18.889 ug/l

RT: 8.43 min Scan# 1070

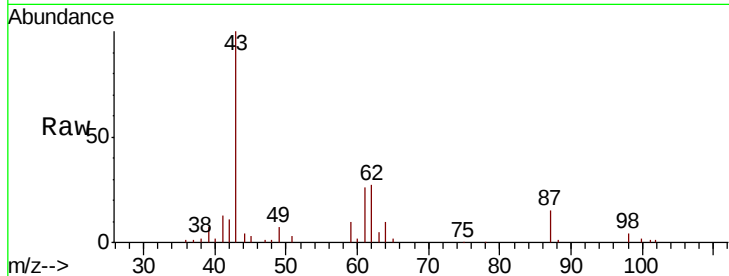
Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tot Ion: 43 Resp: 43085

Ion	Ratio	Lower	Upper
43	100		
61	35.1	26.9	40.3
87	15.7	12.0	18.0

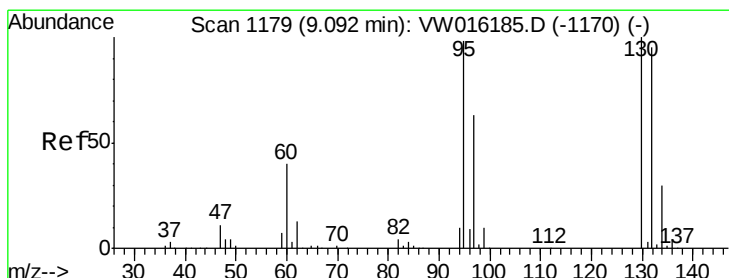
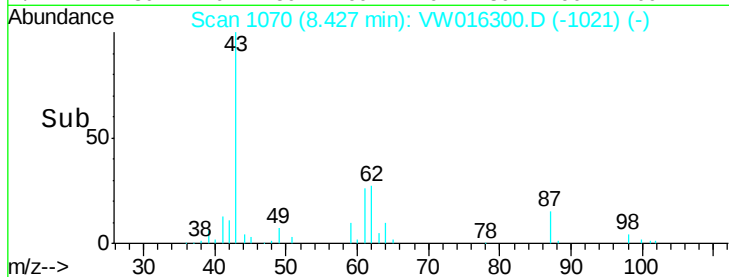
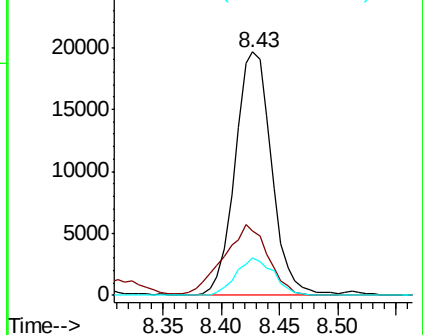


Abundance

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: 18.066 ug/l

RT: 9.10 min Scan# 1180

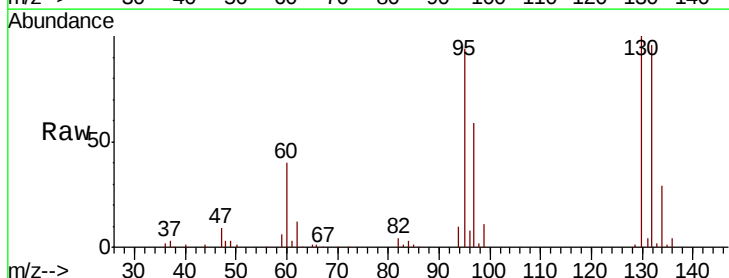
Delta R.T. 0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

Tgt Ion: 130 Resp: 50903

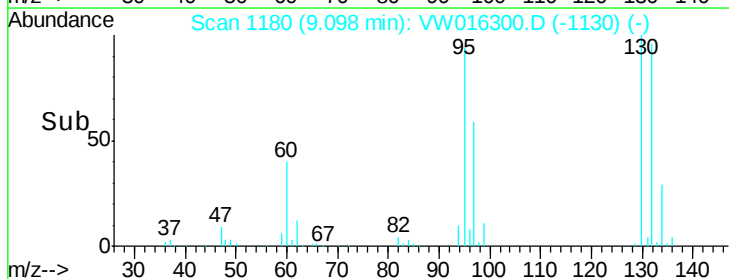
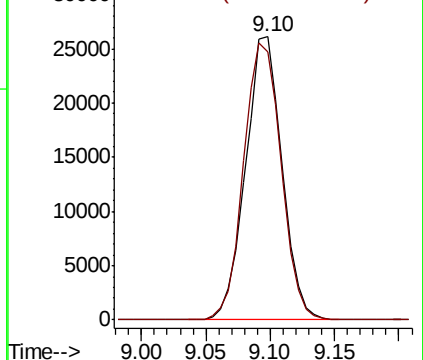
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	196.4

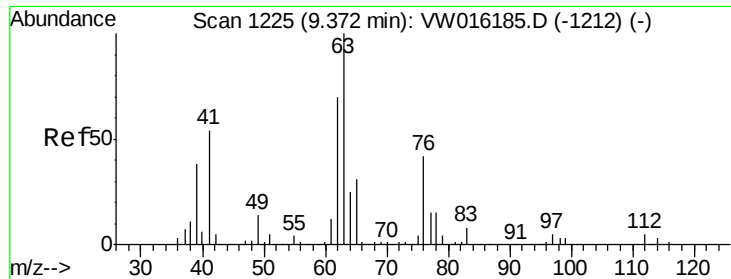


Abundance

Ion 129.80 (129.50 to 130.50): V

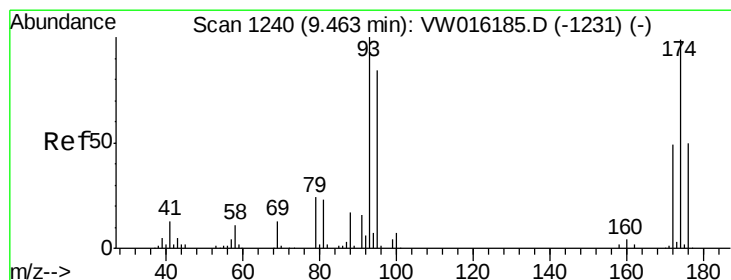
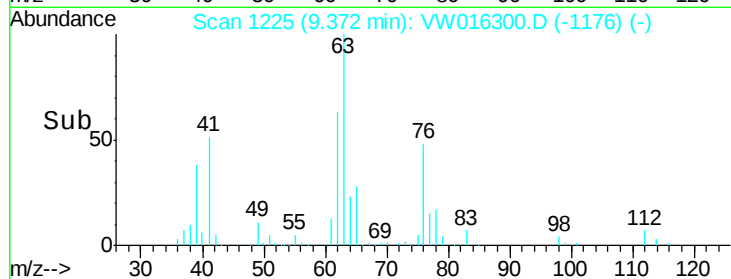
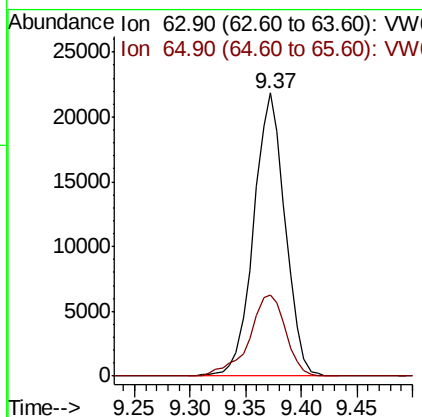
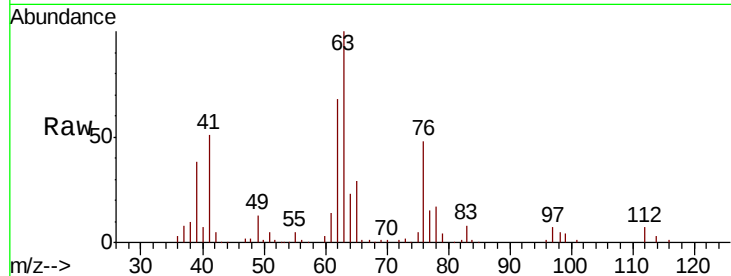
Ion 94.90 (94.60 to 95.60): VW





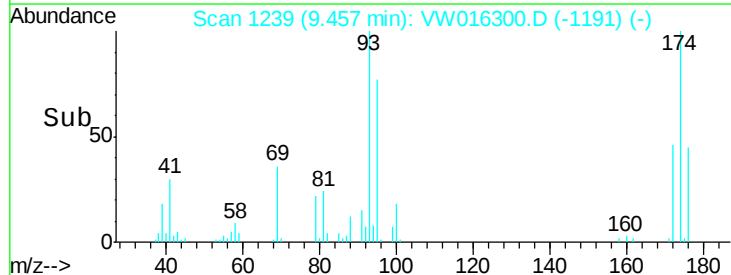
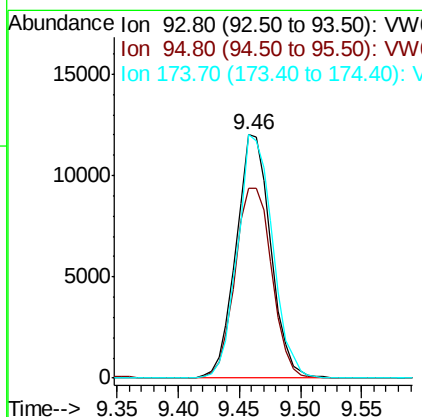
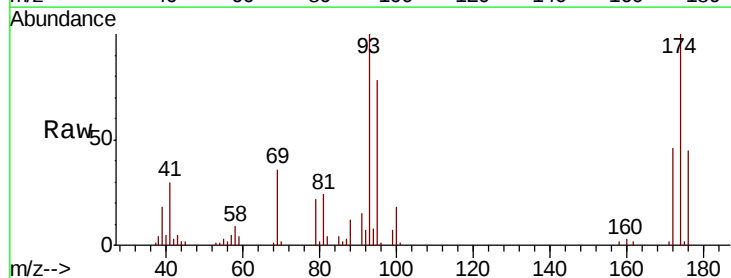
#45
 1,2-Dichloropropane
 Concen: 18.347 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

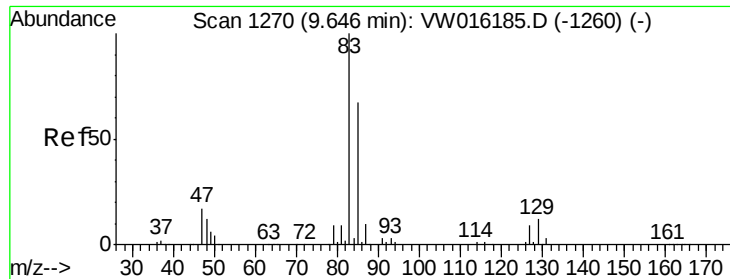
Tot Ion: 63 Resp: 43025
 Ion Ratio Lower Upper
 63 100
 65 28.9 25.0 37.6



#46
 Dibromomethane
 Concen: 19.222 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion: 93 Resp: 23665
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.9 98.9
 174 100.6 77.0 115.6





#47

Bromodichloromethane

Concen: 18.697 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

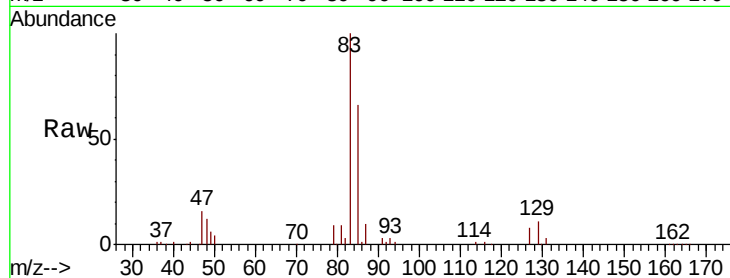
Tot Ion: 83 Resp: 59474

Ion Ratio Lower Upper

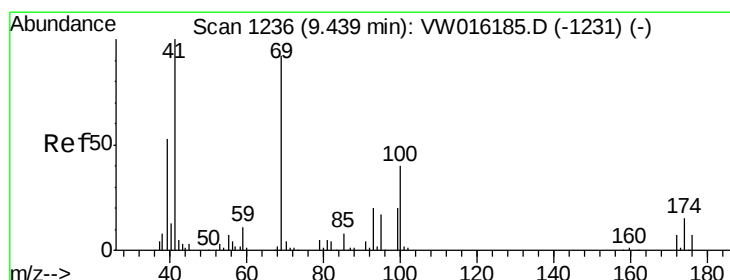
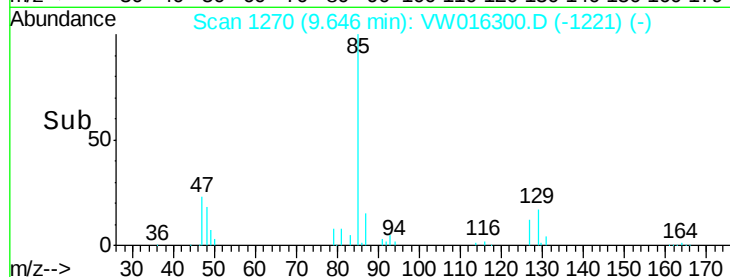
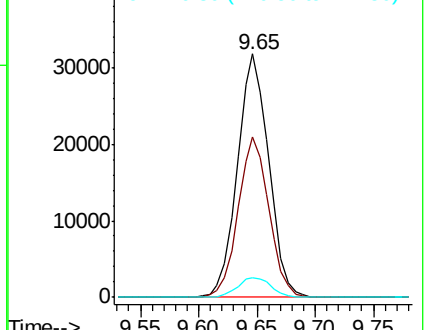
83 100

85 66.0 53.3 79.9

127 8.1 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): VW



#48

Methyl methacrylate

Concen: 18.737 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

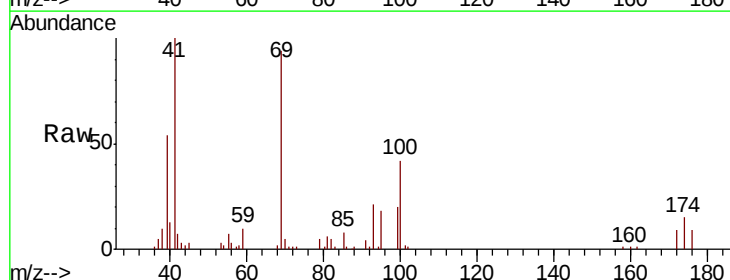
Tgt Ion: 41 Resp: 19869

Ion Ratio Lower Upper

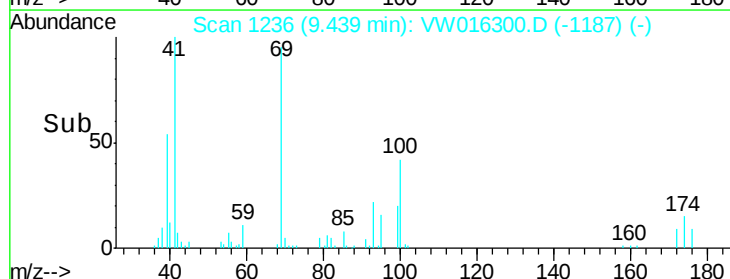
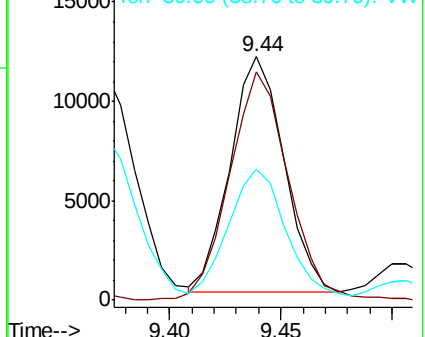
41 100

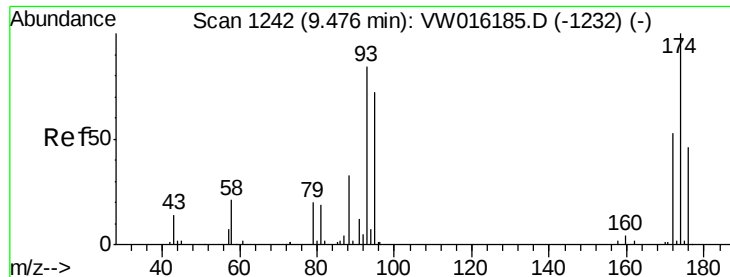
69 106.3 77.4 116.0

39 57.2 42.2 63.2



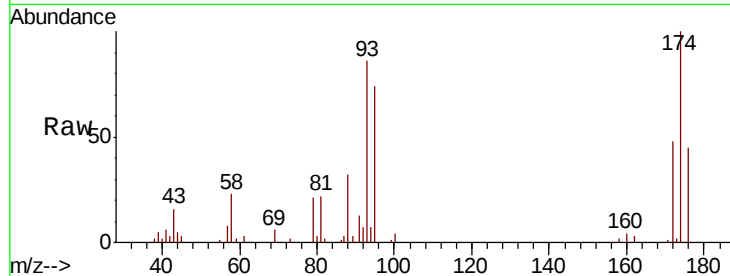
Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49
1,4-Dioxane
Concen: 412.635 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tot Ion	88	Resp	6397
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.9	56.6	84.8

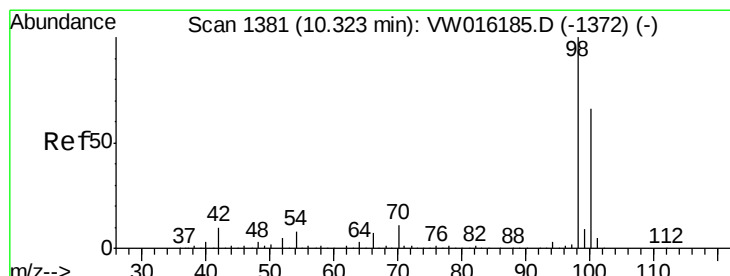
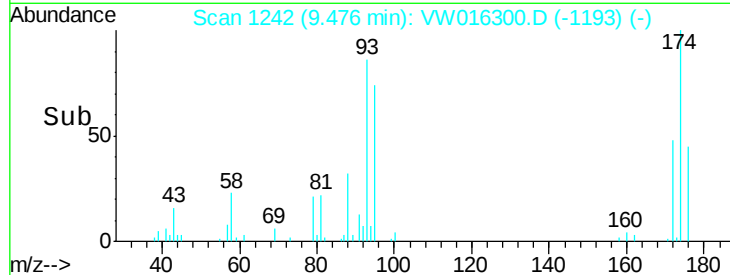
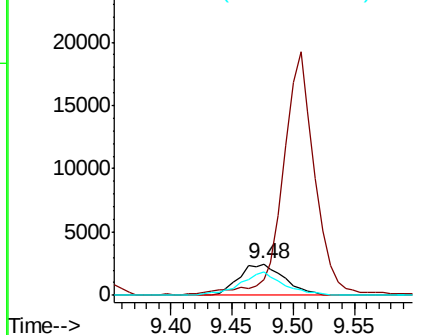


Abundance

Ion 88.00 (87.70 to 88.70): VW

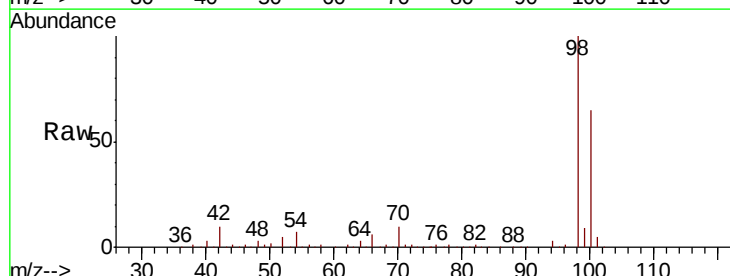
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 52.330 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

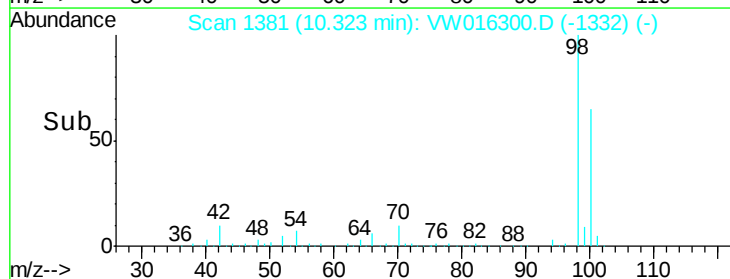
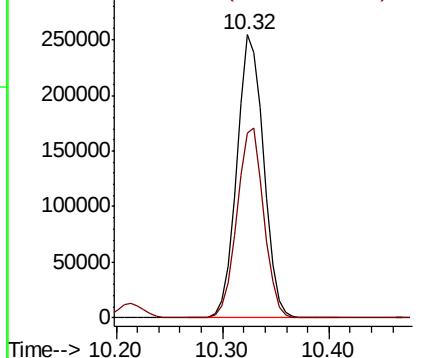
Tgt Ion	98	Resp	448636
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.5	80.3

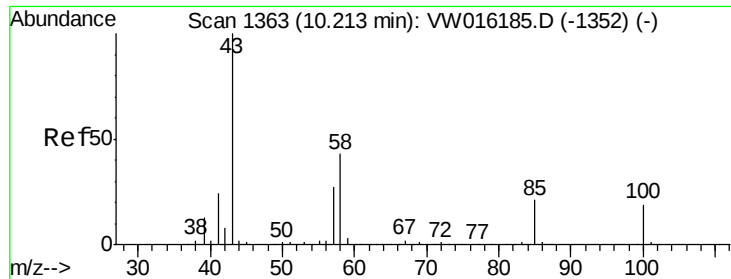


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 97.277 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016300.D

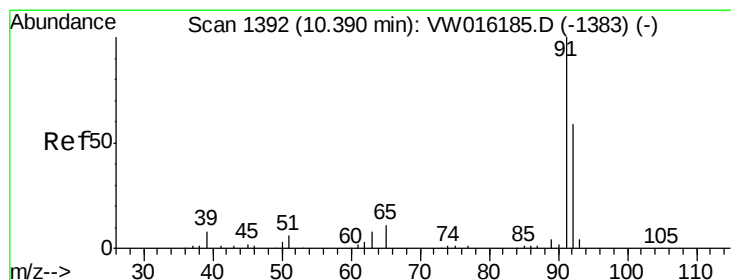
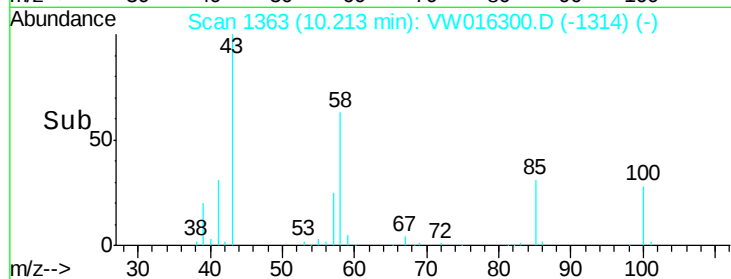
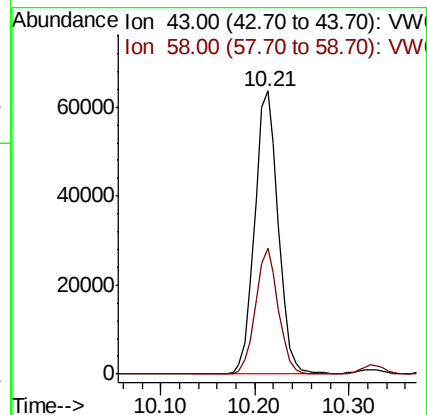
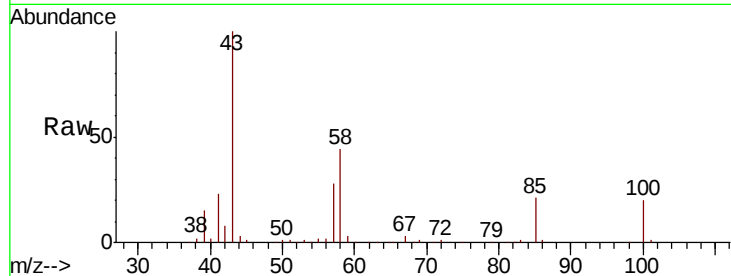
Acq: 21 Aug 2020 12:49

Tot Ion: 43 Resp: 112225

Ion Ratio Lower Upper

43 100

58 42.7 33.7 50.5



#52

Toluene

Concen: 19.264 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016300.D

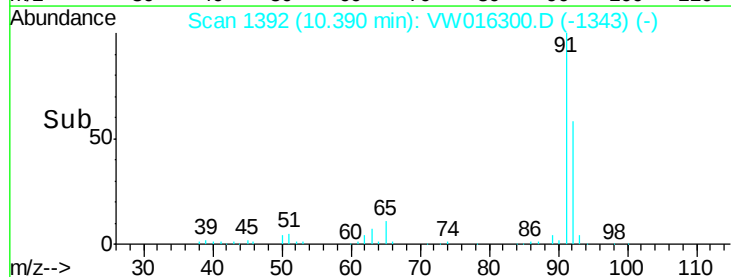
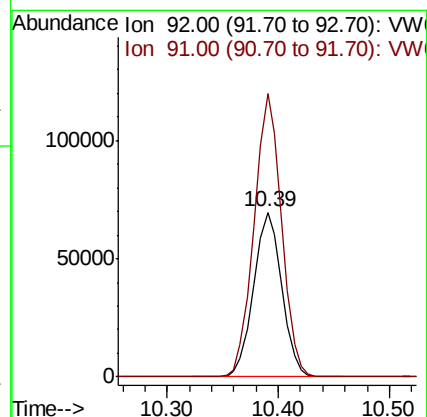
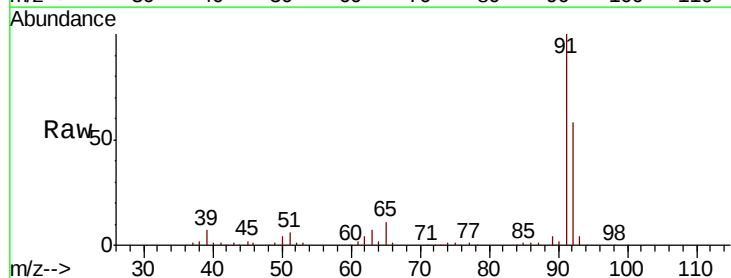
Acq: 21 Aug 2020 12:49

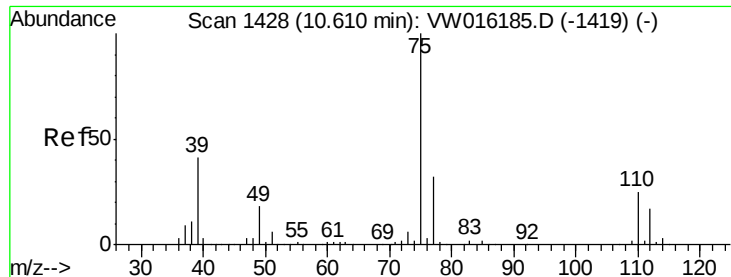
Tgt Ion: 92 Resp: 122718

Ion Ratio Lower Upper

92 100

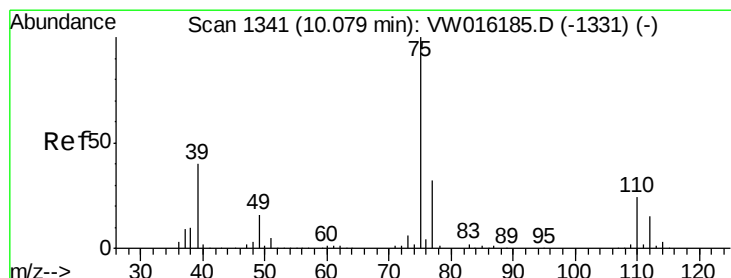
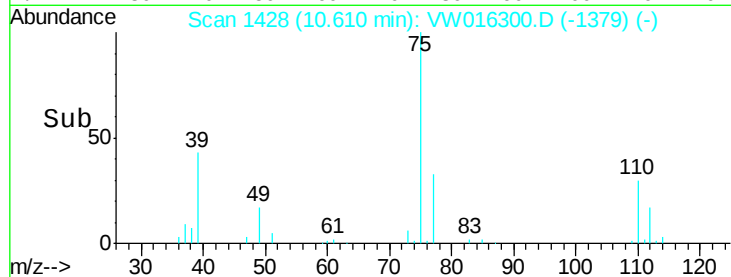
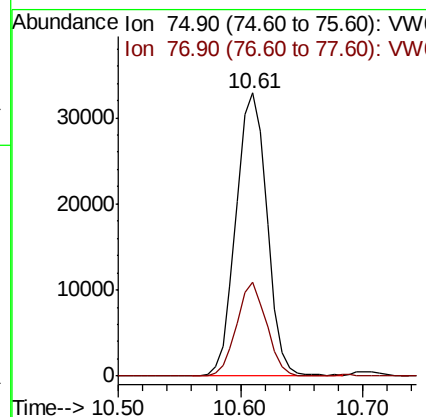
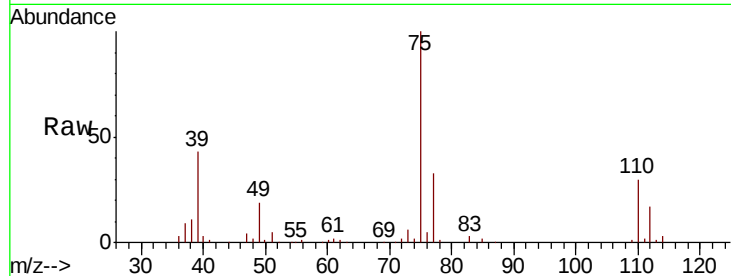
91 167.6 133.3 199.9





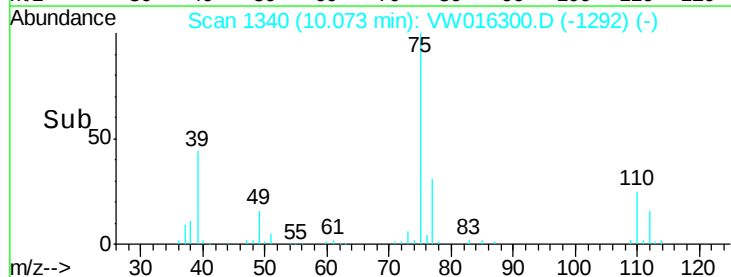
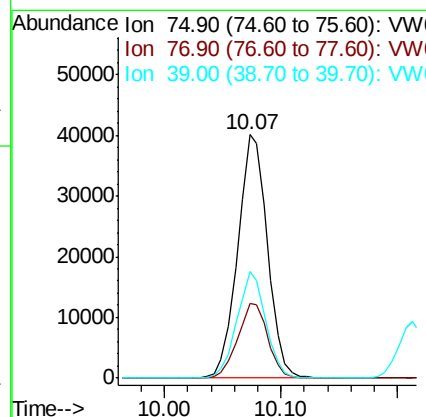
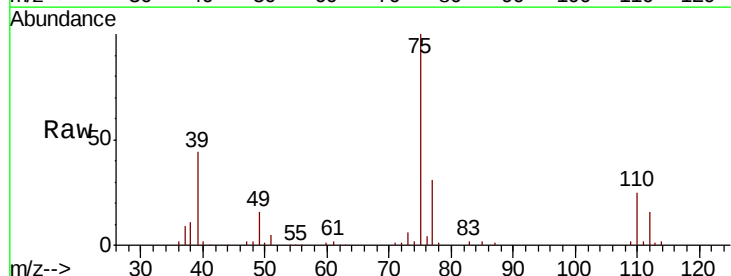
#53
 t-1,3-Dichloropropene
 Concen: 19.593 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

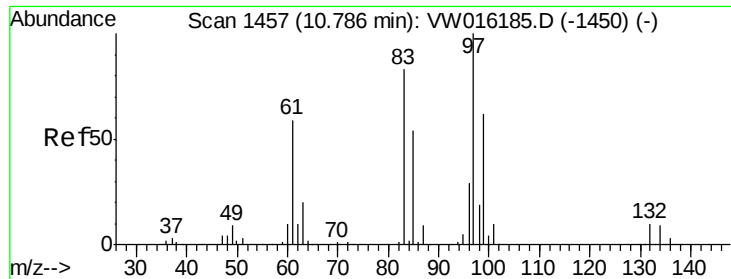
Tot Ion: 75 Resp: 57705
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.443 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

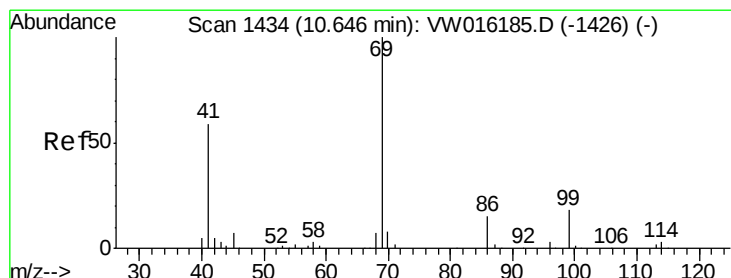
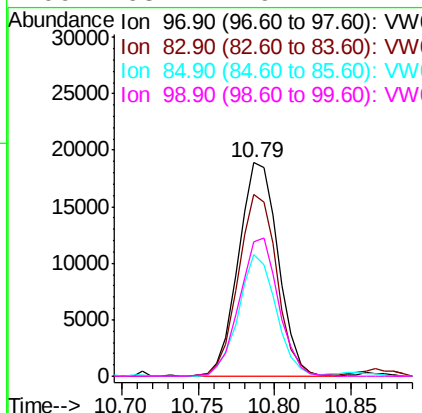
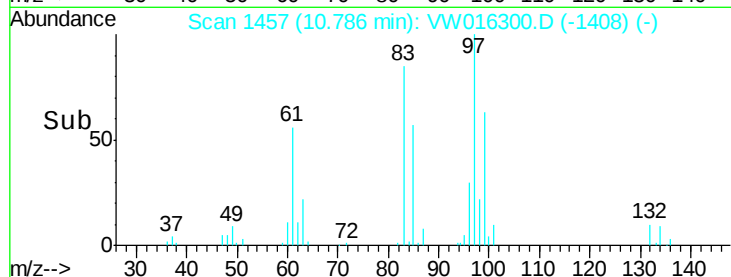
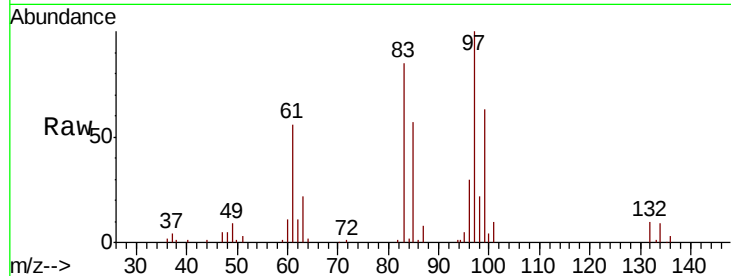
Tgt Ion: 75 Resp: 71170
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 43.5 32.3 48.5





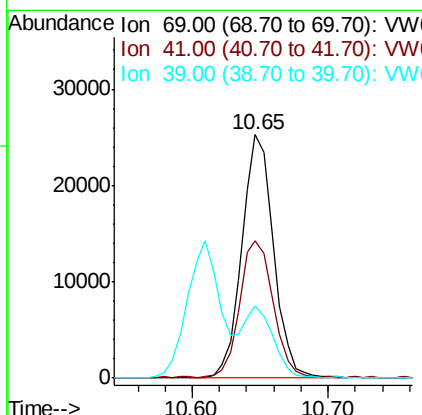
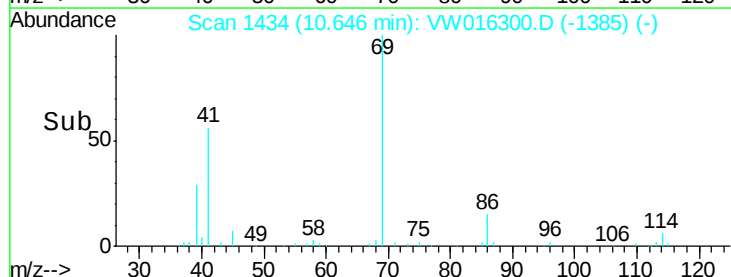
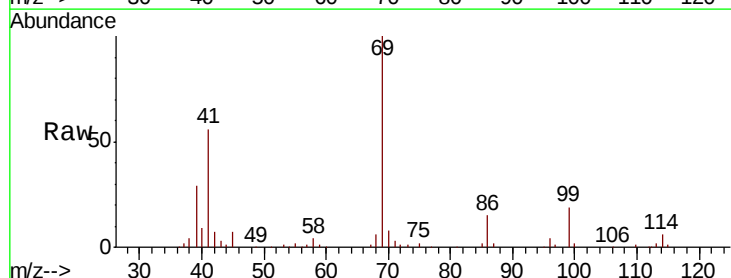
#55
 1,1,2-Trichloroethane
 Concen: 19.361 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

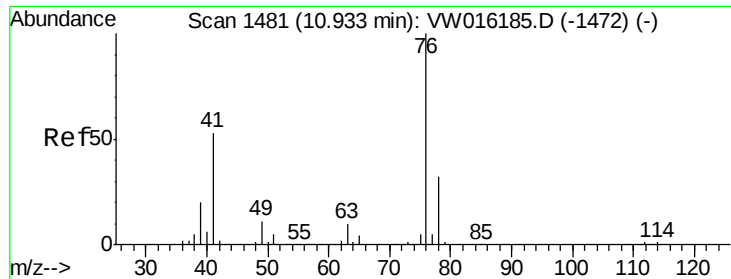
Tot Ion:	97	Resp:	34201
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.6	100.0
85	56.7	43.0	64.4
99	63.2	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.446 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

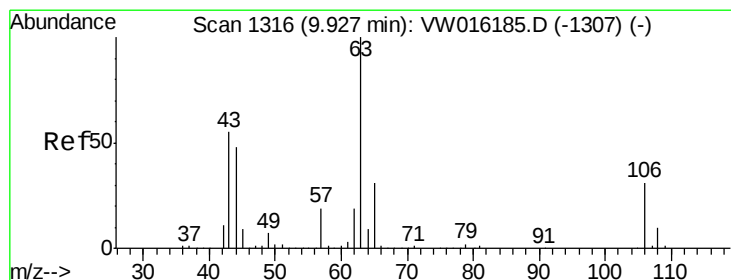
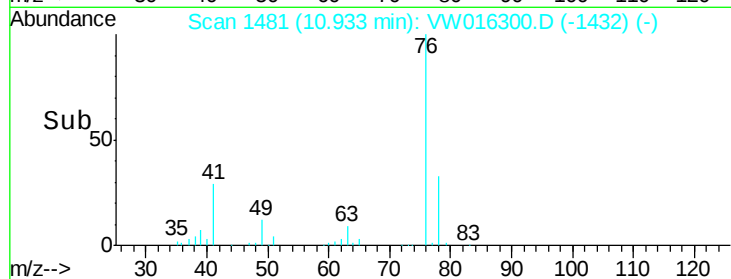
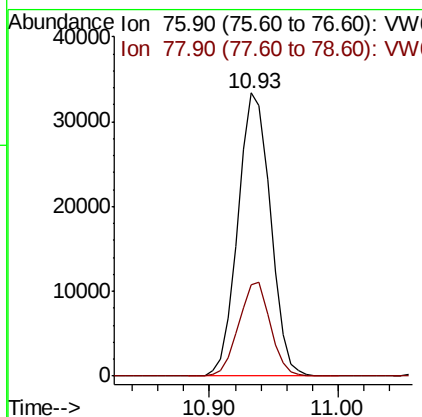
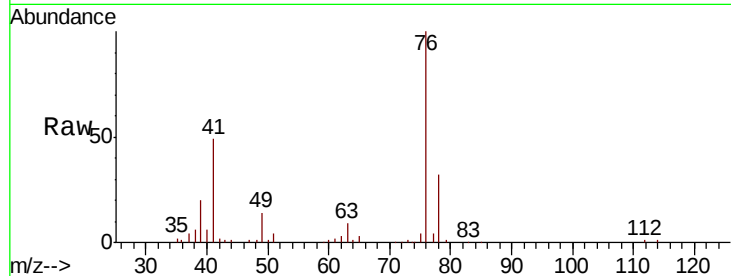
Tgt Ion:	69	Resp:	41190
Ion	Ratio	Lower	Upper
69	100		
41	60.8	47.6	71.4
39	26.1	24.6	36.8





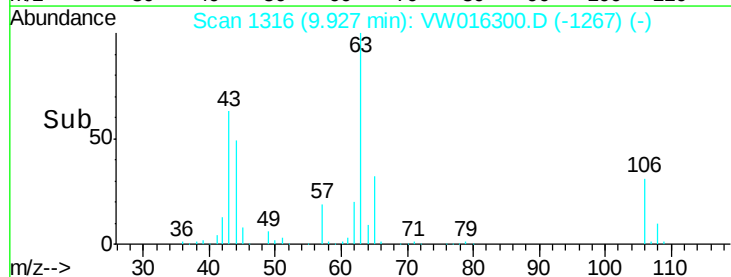
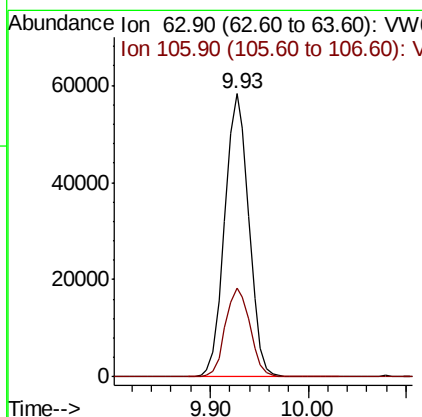
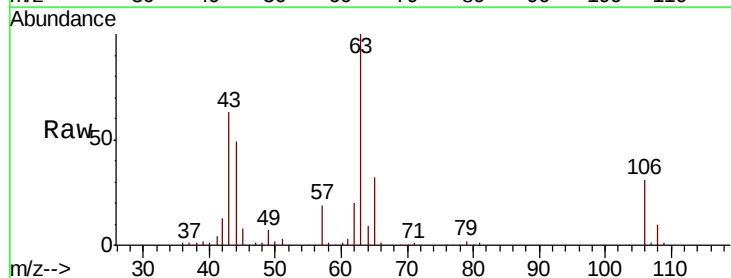
#57
 1,3-Dichloropropane
 Concen: 19.438 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

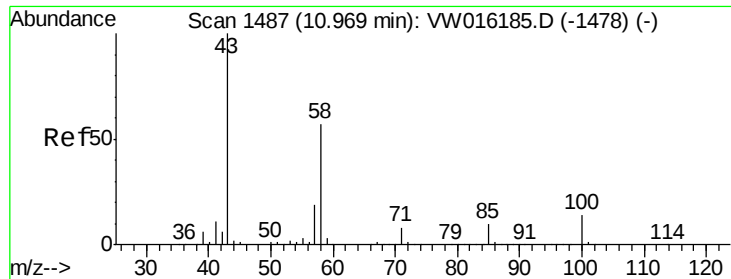
Tot Ion: 76 Resp: 58424
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.611 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

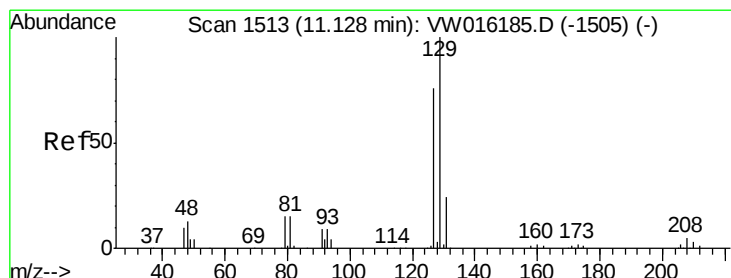
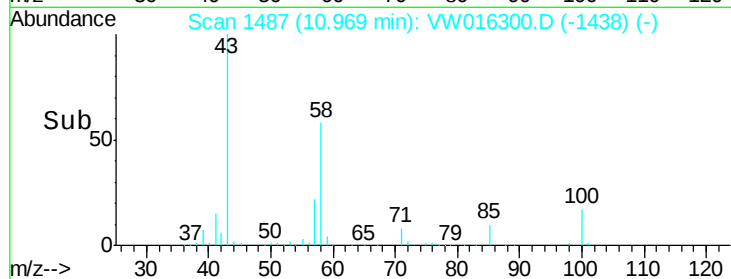
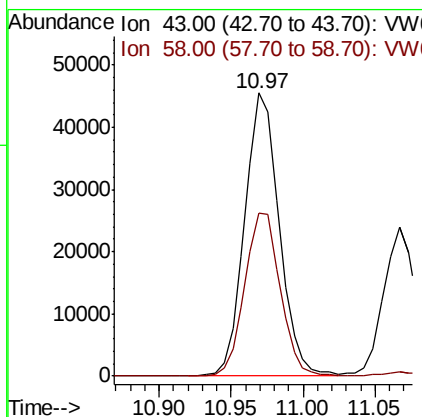
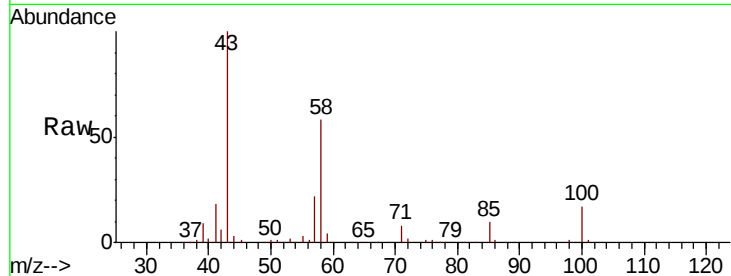
Tgt Ion: 63 Resp: 99758
 Ion Ratio Lower Upper
 63 100
 106 32.0 24.9 37.3





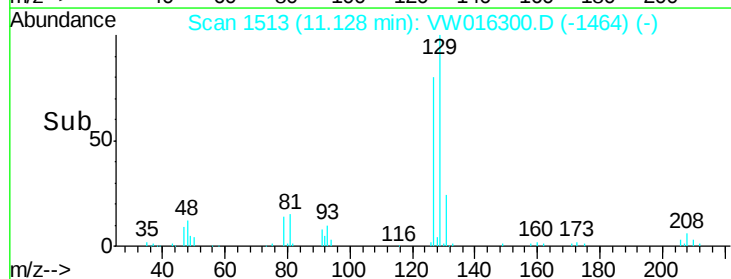
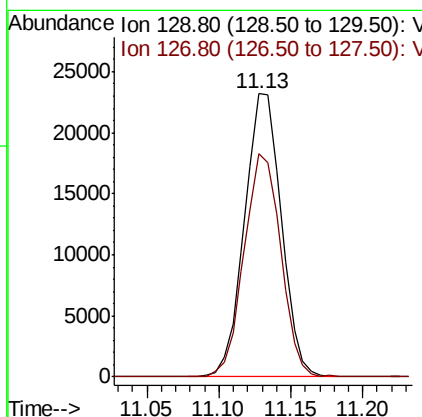
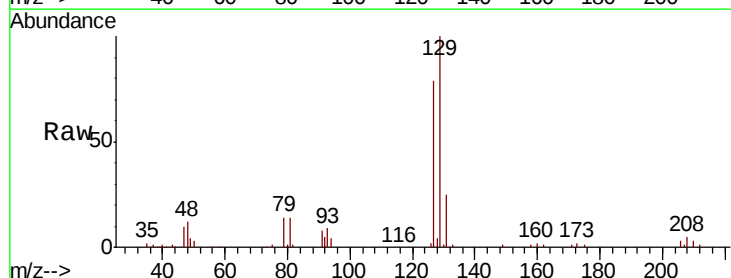
#59
2-Hexanone
Concen: 95.827 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

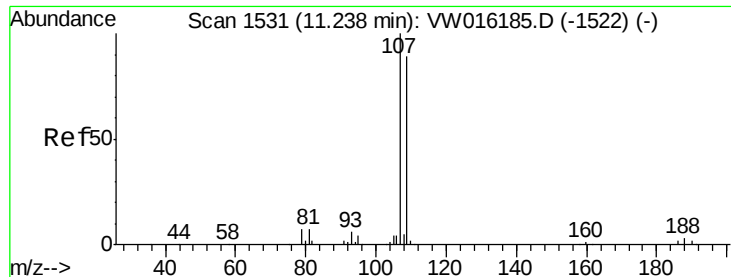
Tot Ion: 43 Resp: 75630
Ion Ratio Lower Upper
43 100
58 59.5 28.8 86.5



#60
Dibromochloromethane
Concen: 19.499 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion: 129 Resp: 40977
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.316 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016300.D

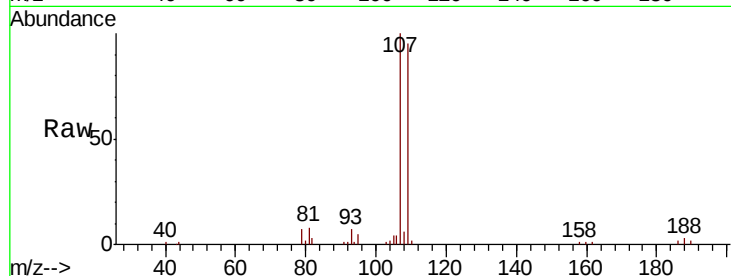
Acq: 21 Aug 2020 12:49

Tot Ion:107 Resp: 32848

Ion Ratio Lower Upper

107 100

109 93.5 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

20000

15000

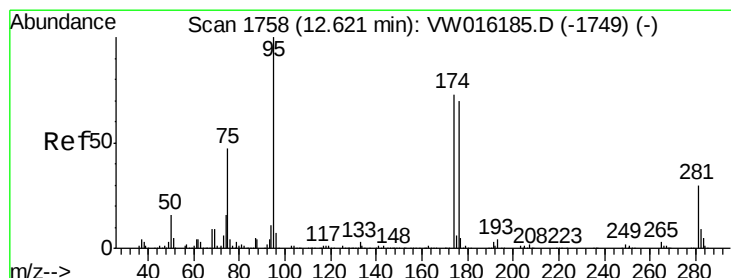
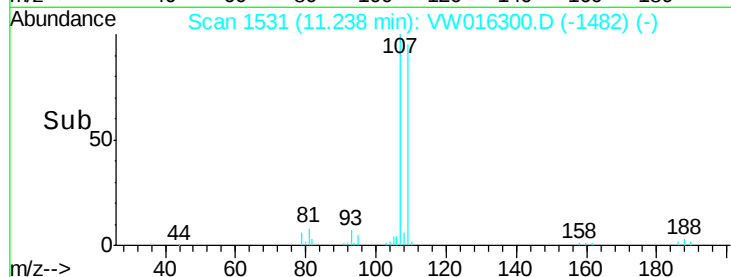
10000

5000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 53.951 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

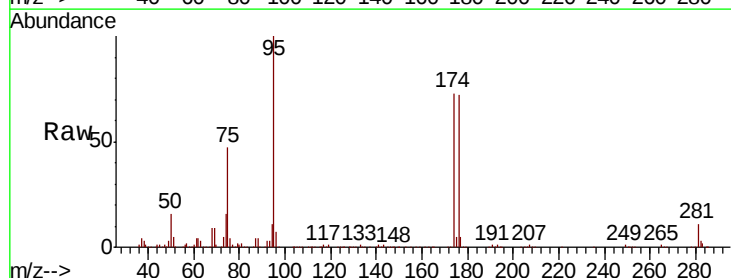
Tgt Ion: 95 Resp: 165335

Ion Ratio Lower Upper

95 100

174 75.3 0.0 145.6

176 73.3 0.0 137.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

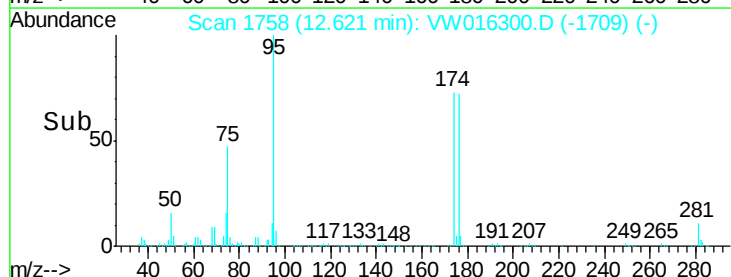
100000

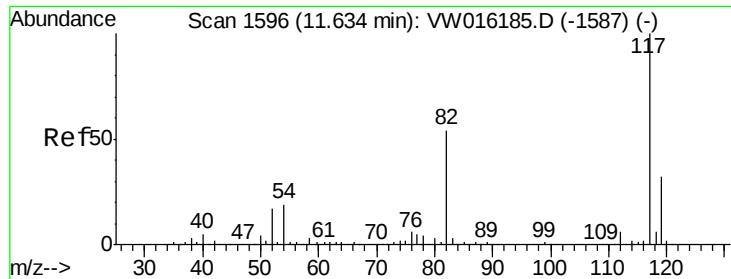
50000

0

Time-->

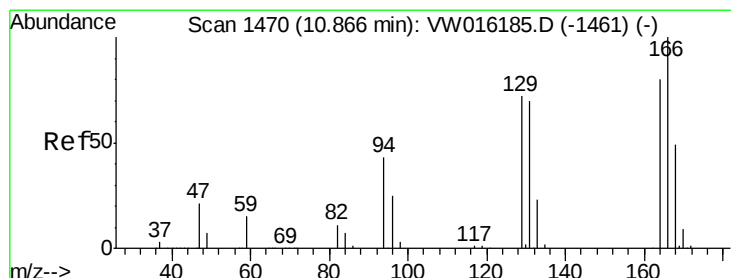
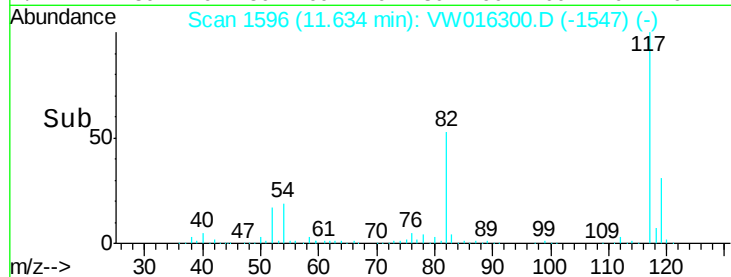
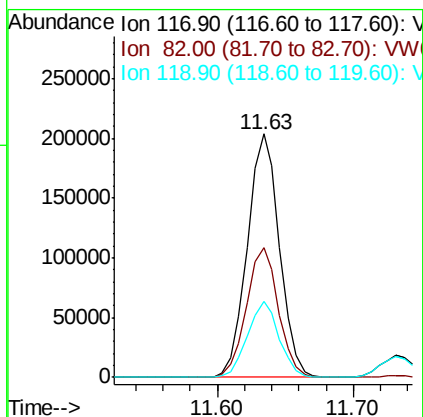
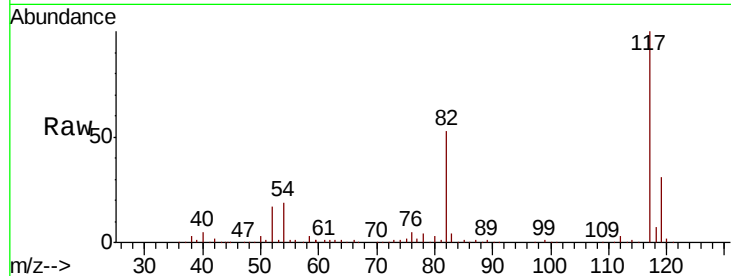
12.60 12.70





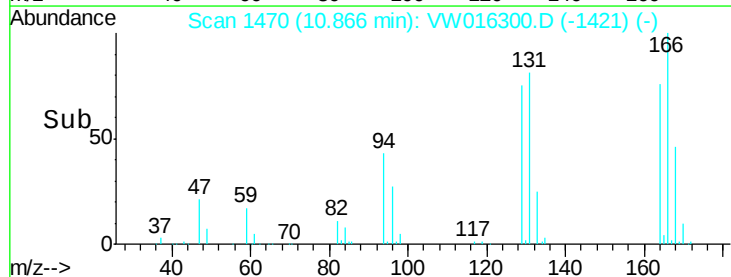
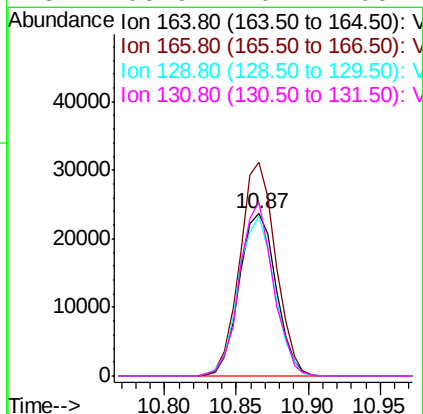
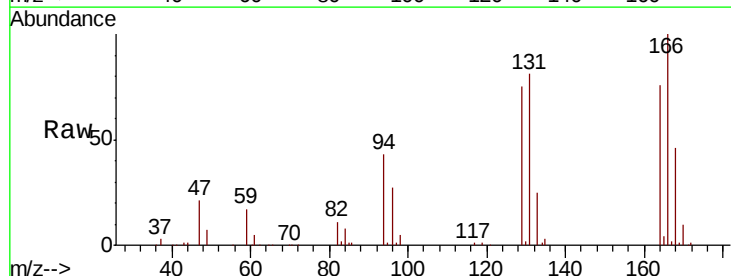
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

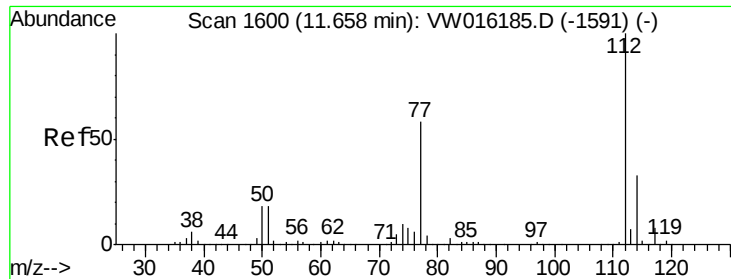
Tot Ion:117 Resp: 336493
Ion Ratio Lower Upper
117 100
82 53.4 43.6 65.4
119 31.1 25.4 38.0



#64
Tetrachloroethene
Concen: 19.009 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion:164 Resp: 41969
Ion Ratio Lower Upper
164 100
166 131.4 100.3 150.5
129 98.1 72.2 108.4
131 106.9 70.7 106.1#





#65

Chlorobenzene

Concen: 18.700 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016300.D

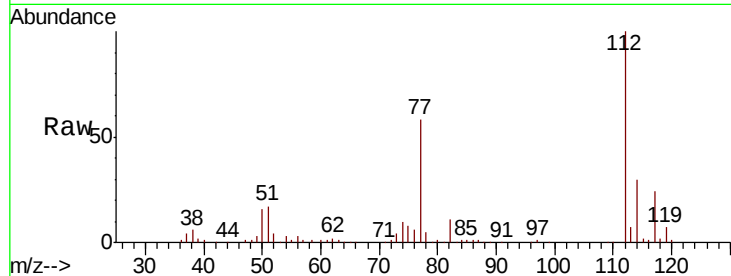
Acq: 21 Aug 2020 12:49

Tot Ion:112 Resp: 128970

Ion Ratio Lower Upper

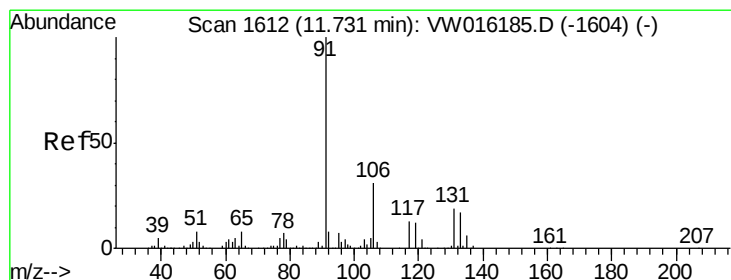
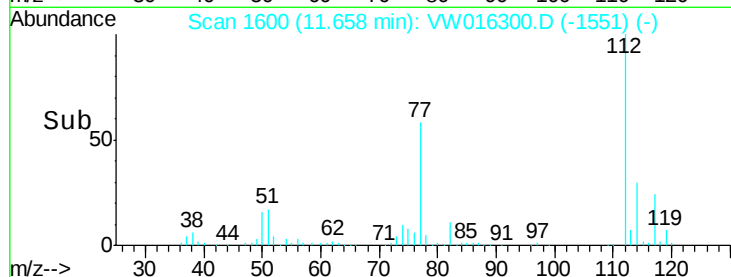
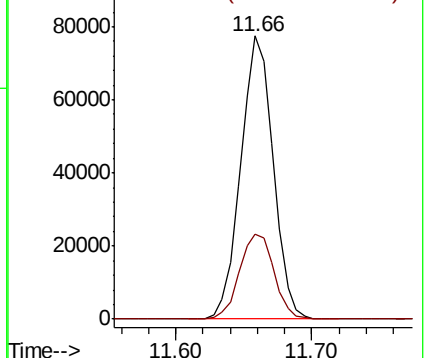
112 100

114 30.1 26.6 39.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.937 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

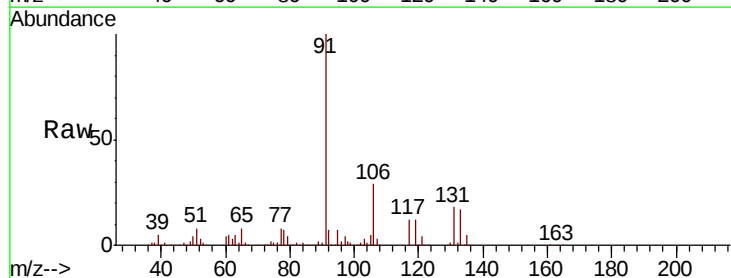
Tgt Ion:131 Resp: 45652

Ion Ratio Lower Upper

131 100

133 94.6 47.1 141.3

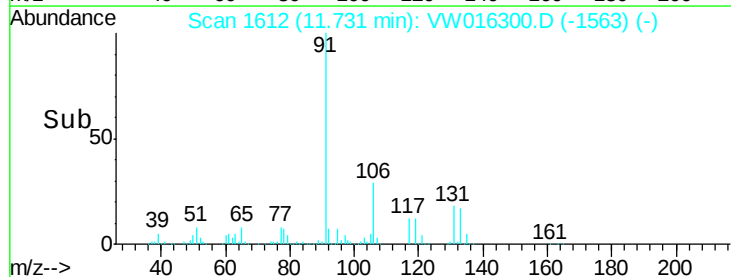
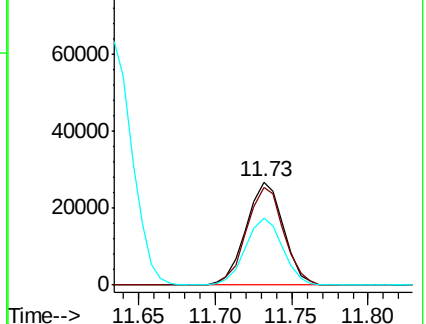
119 64.7 33.1 99.3

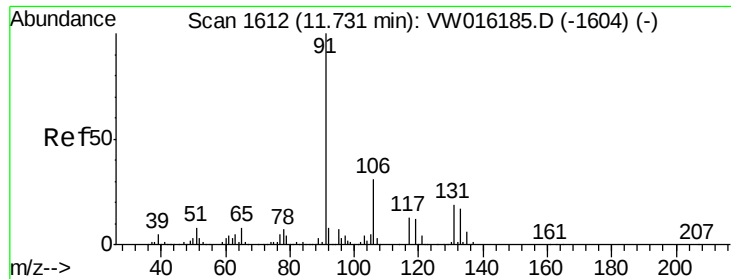


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

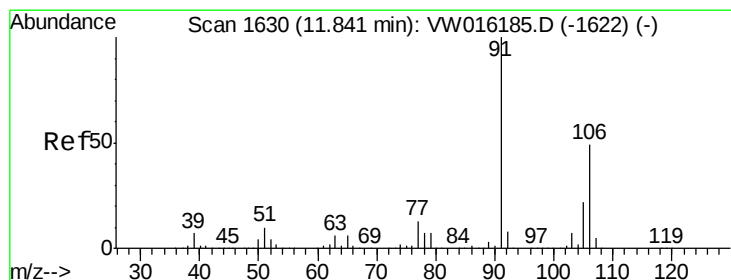
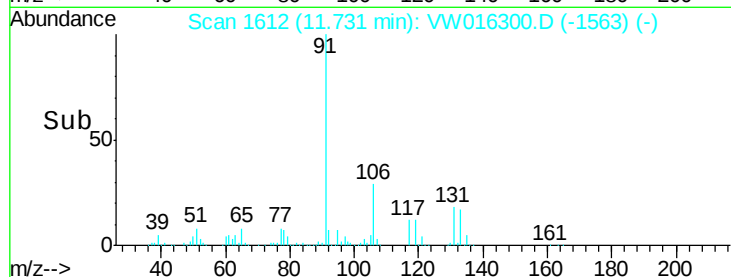
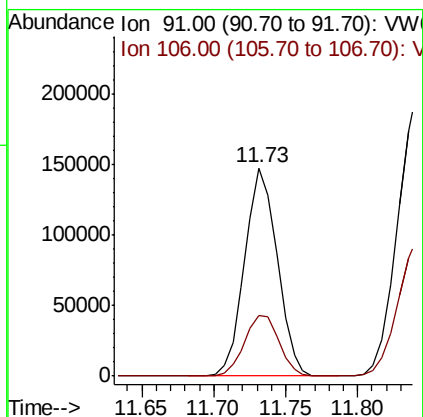
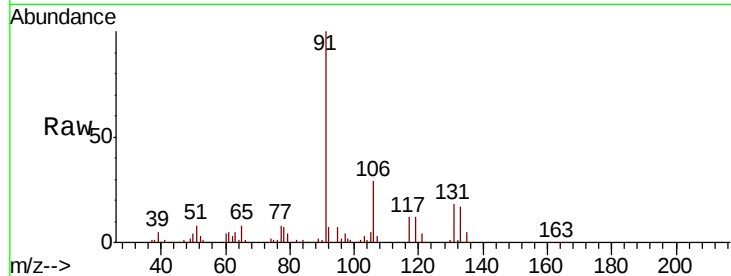
Ion 118.80 (118.50 to 119.50): V





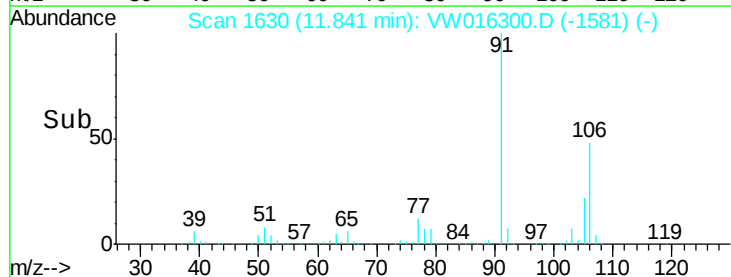
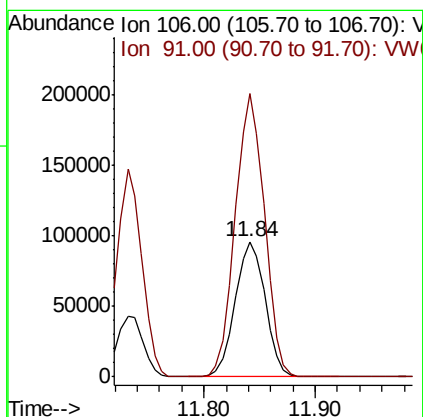
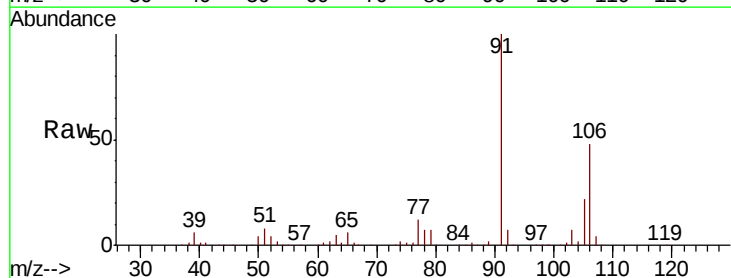
#67
Ethyl Benzene
Concen: 18.725 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

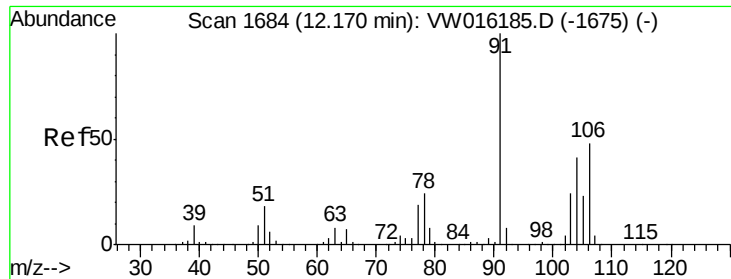
Tot Ion: 91 Resp: 232095
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3



#68
m/p-Xylenes
Concen: 37.486 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

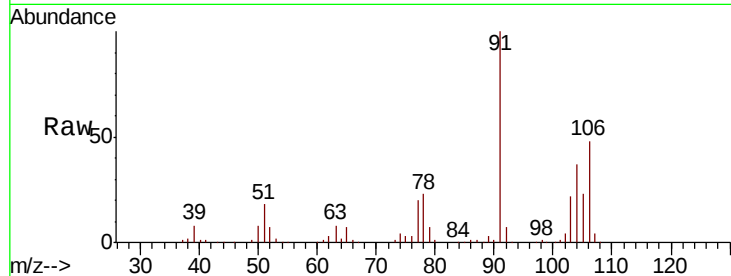
Tgt Ion: 106 Resp: 178598
Ion Ratio Lower Upper
106 100
91 204.5 161.4 242.2



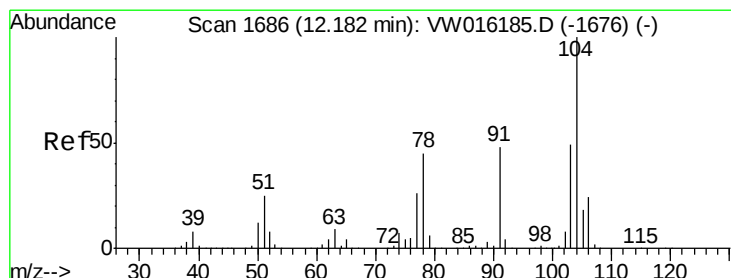
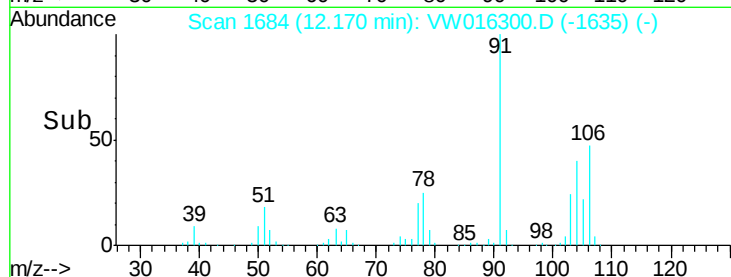
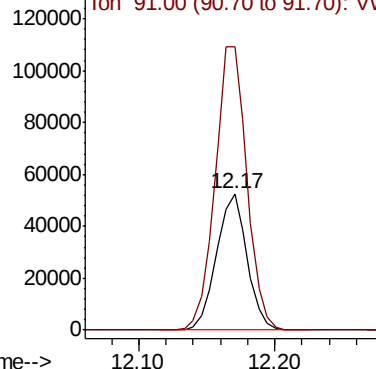


#69
o-Xylene
Concen: 19.450 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tot Ion:106 Resp: 82557
Ion Ratio Lower Upper
106 100
91 216.1 106.0 317.9

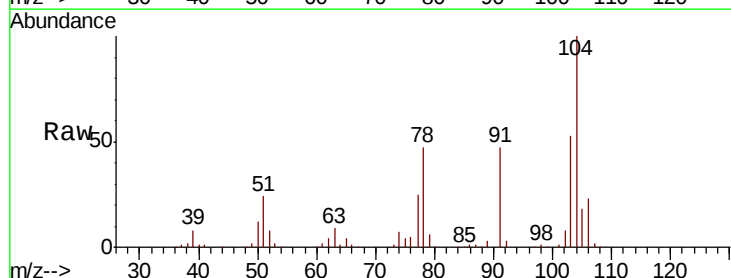


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

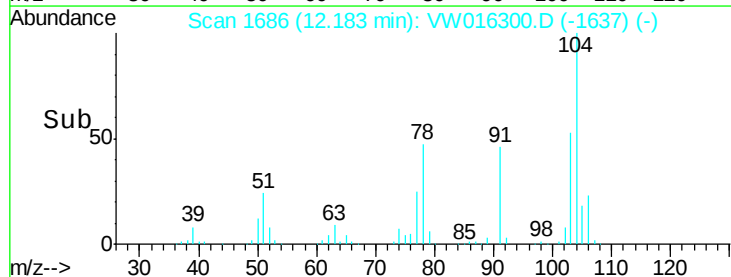
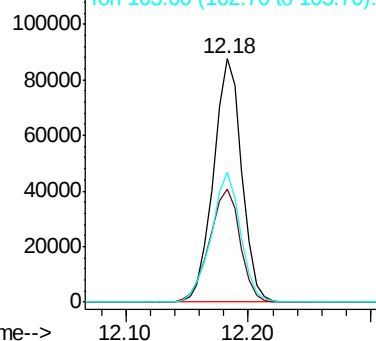


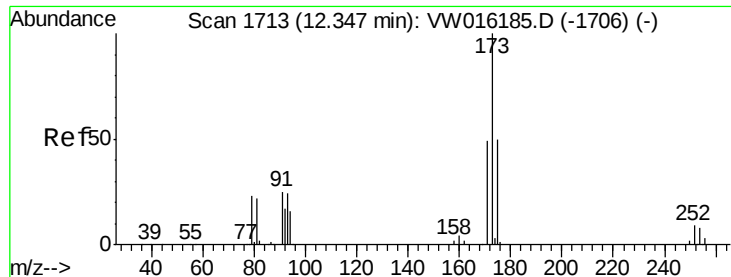
#70
Styrene
Concen: 19.144 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion:104 Resp: 140607
Ion Ratio Lower Upper
104 100
78 50.4 39.4 59.2
103 55.2 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: 19.882 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

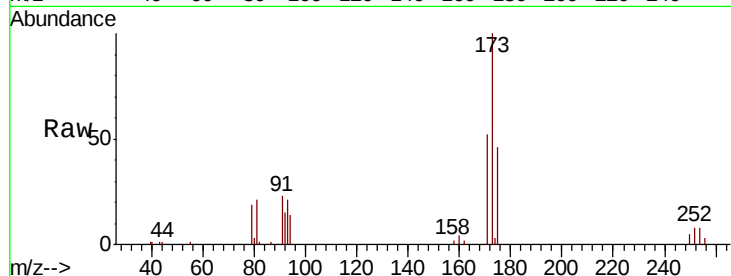
Tot Ion:173 Resp: 21451

Ion Ratio Lower Upper

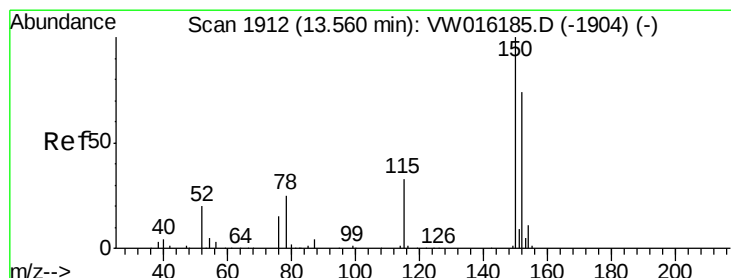
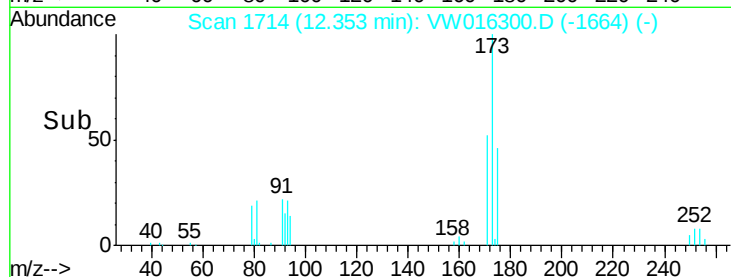
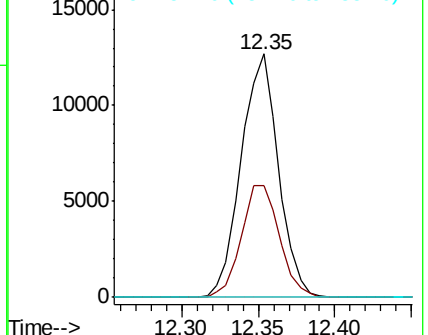
173 100

175 46.9 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

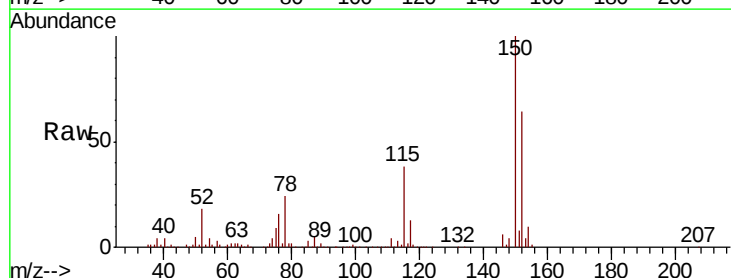
Tgt Ion:152 Resp: 161133

Ion Ratio Lower Upper

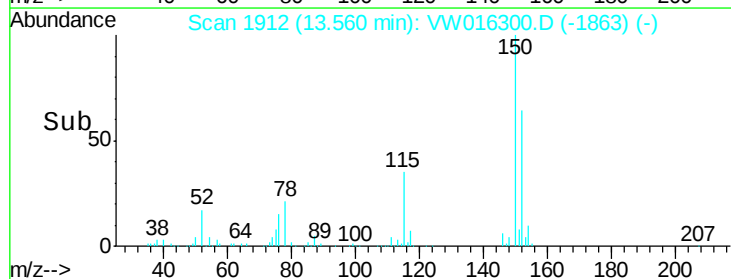
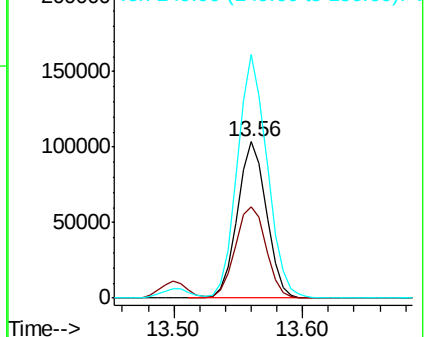
152 100

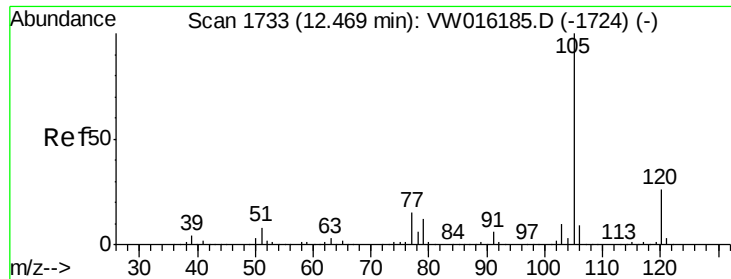
115 62.0 30.9 92.5

150 160.7 0.0 337.8



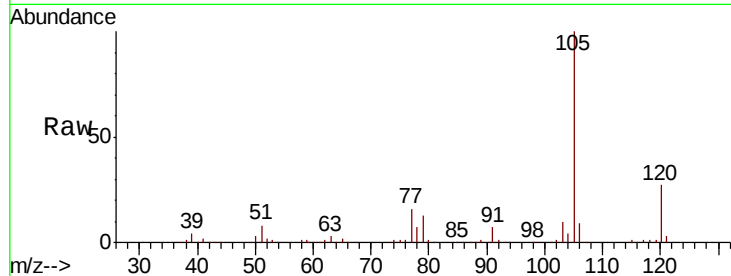
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



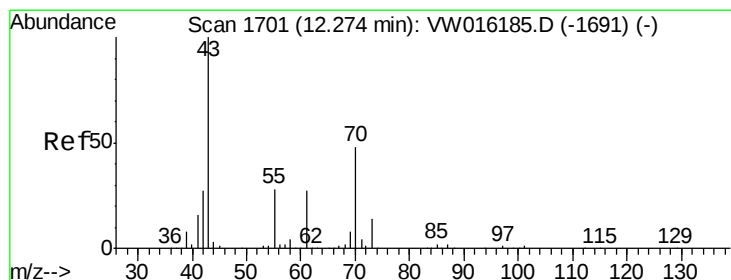
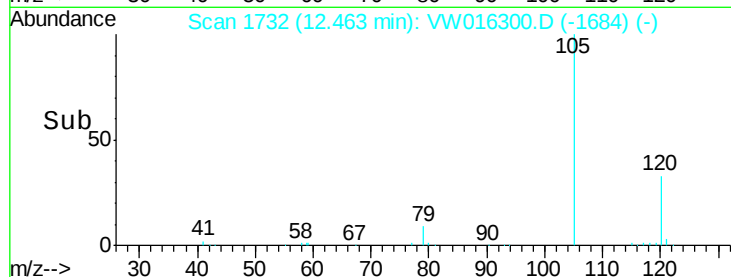
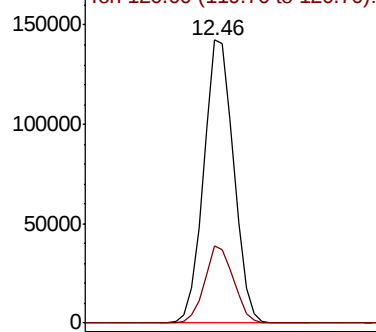


#73
Isopropylbenzene
Concen: 18.723 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tot Ion:105 Resp: 229890
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

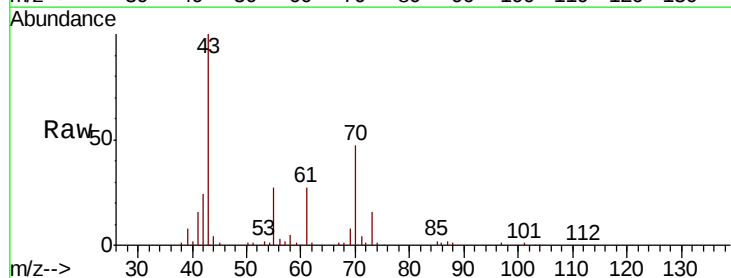


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

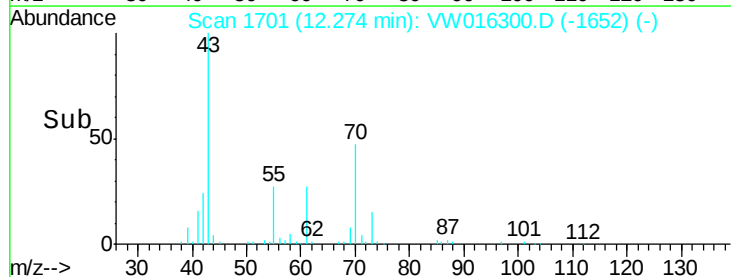
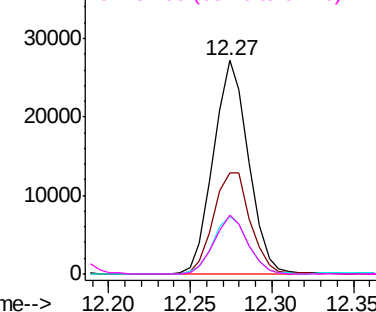


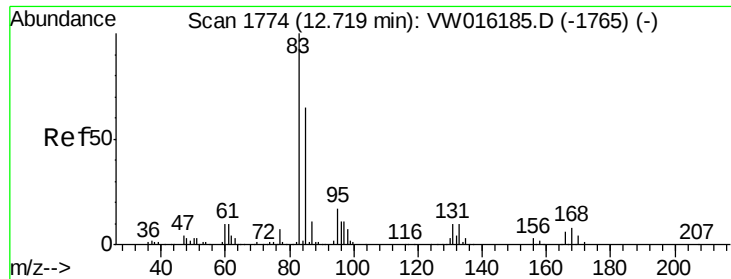
#74
N-ethyl acetate
Concen: 18.603 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion: 43 Resp: 40907
Ion Ratio Lower Upper
43 100
70 50.1 38.6 58.0
55 27.1 22.2 33.2
61 26.5 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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.373 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

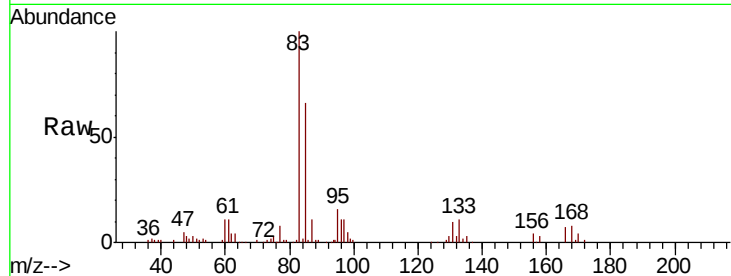
Tot Ion: 83 Resp: 37749

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.6	16.8
85	66.6	31.3	93.9

83 100

131 11.5 5.6 16.8

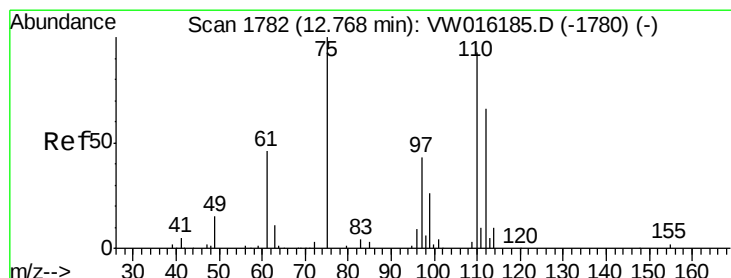
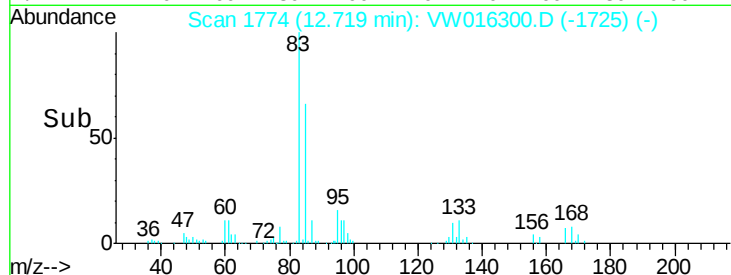
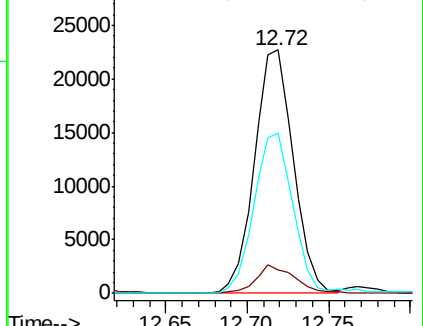
85 66.6 31.3 93.9



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: 32.226 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016300.D

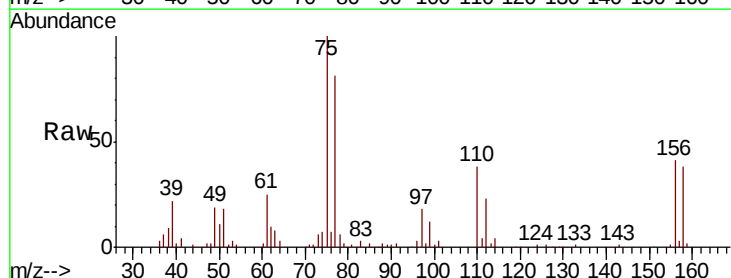
Acq: 21 Aug 2020 12:49

Tgt Ion: 75 Resp: 47755

Ion	Ratio	Lower	Upper
75	100		
77	200.3	173.6	520.6

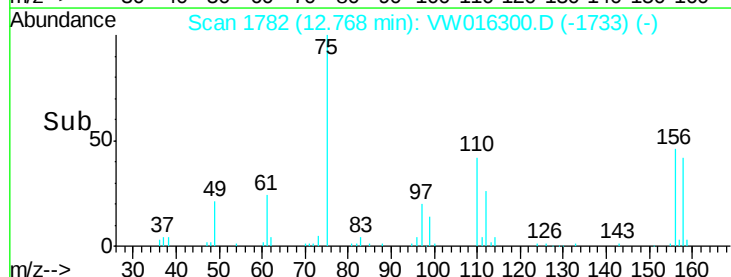
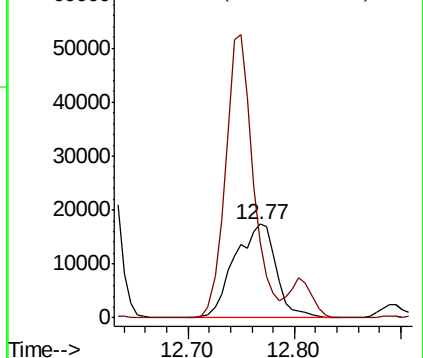
75 100

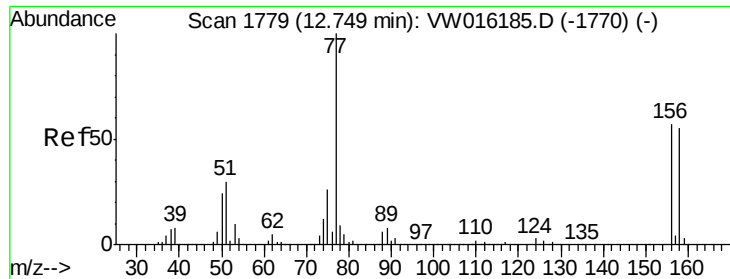
77 200.3 173.6 520.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.900 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

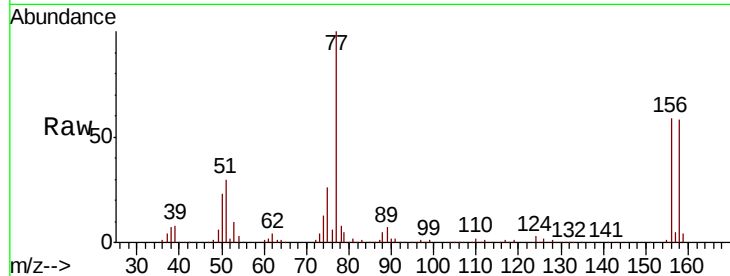
Tot Ion:156 Resp: 51329

Ion Ratio Lower Upper

156 100

77 186.4 97.9 293.6

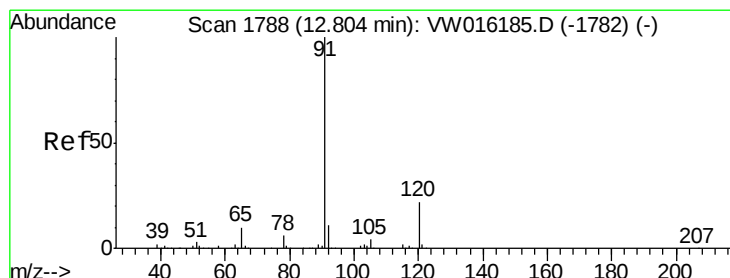
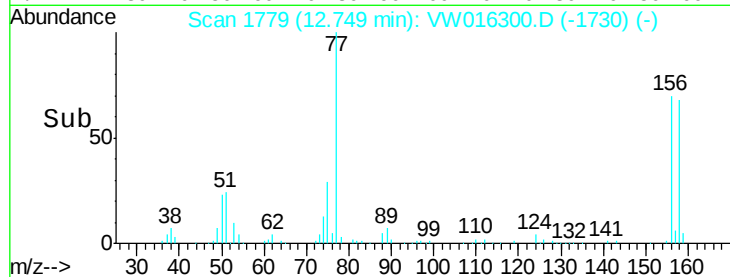
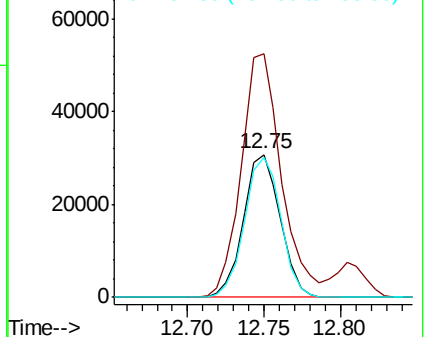
158 97.5 49.0 147.2



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: 18.660 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016300.D

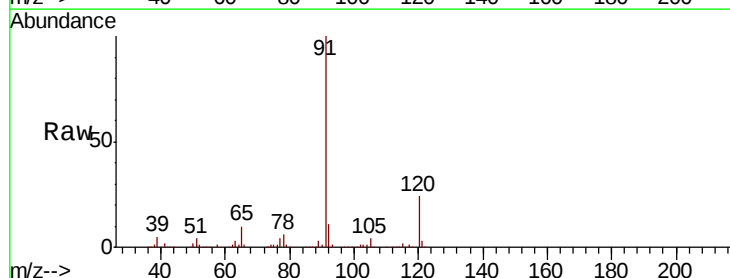
Acq: 21 Aug 2020 12:49

Tgt Ion: 91 Resp: 273489

Ion Ratio Lower Upper

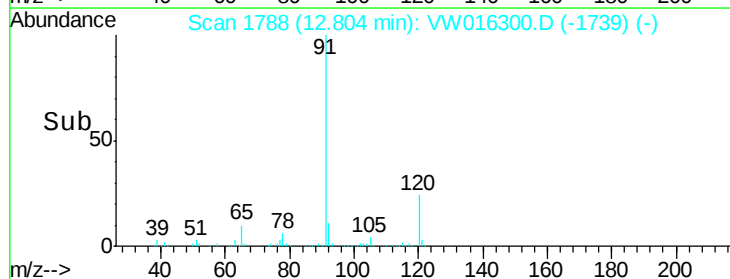
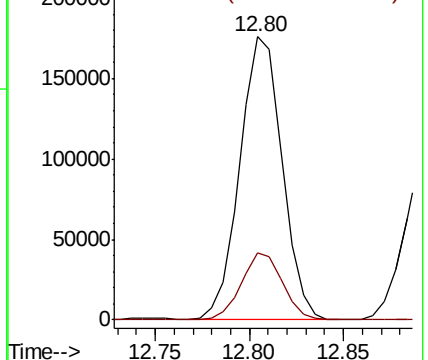
91 100

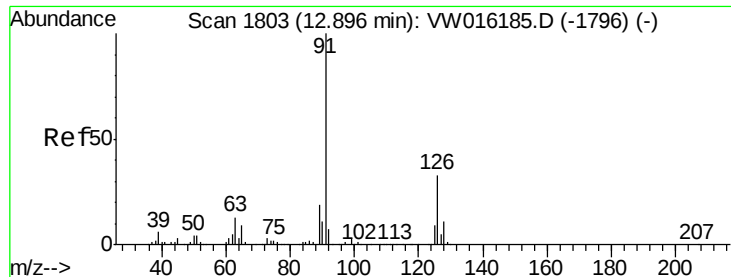
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.773 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016300.D

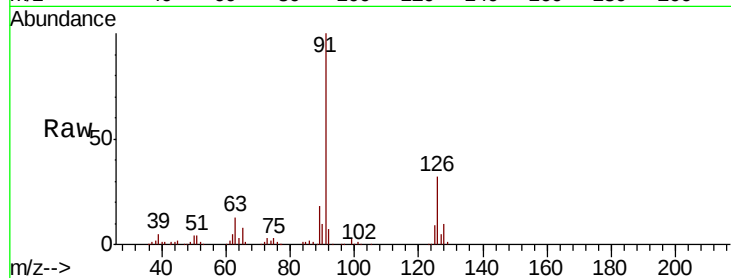
Acq: 21 Aug 2020 12:49

Tot Ion: 91 Resp: 158936

Ion Ratio Lower Upper

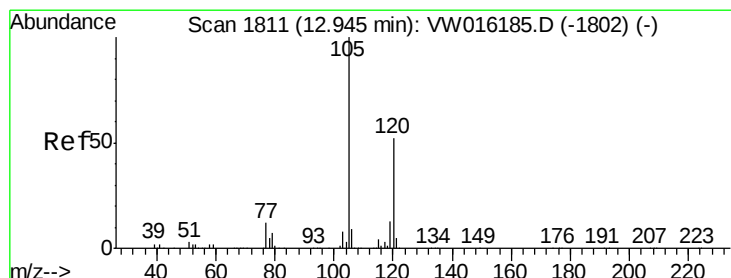
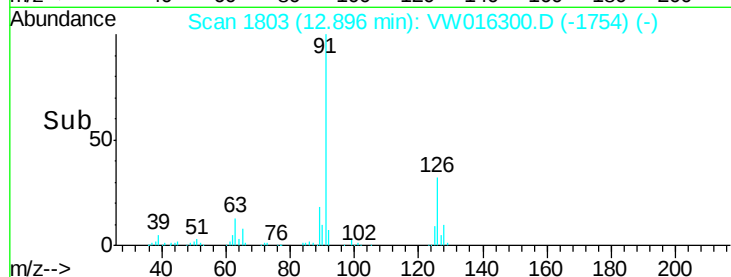
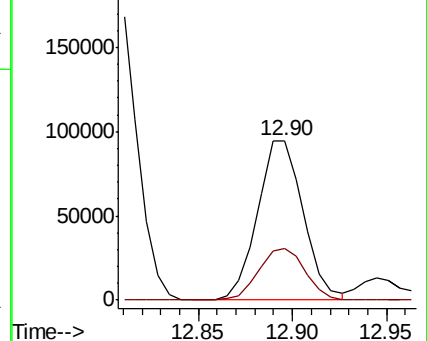
91 100

126 33.1 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: 19.527 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016300.D

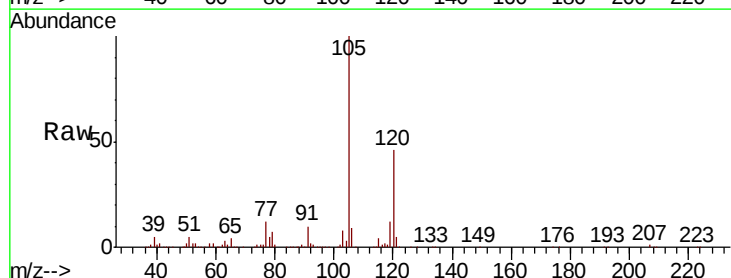
Acq: 21 Aug 2020 12:49

Tgt Ion:105 Resp: 205819

Ion Ratio Lower Upper

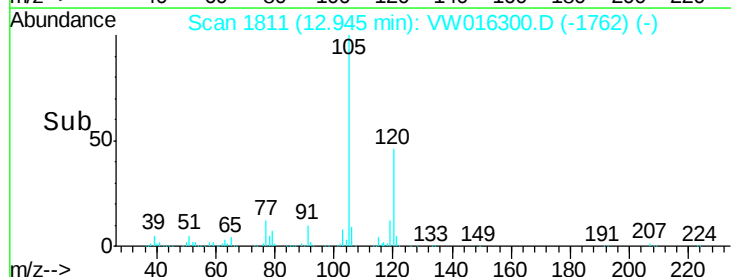
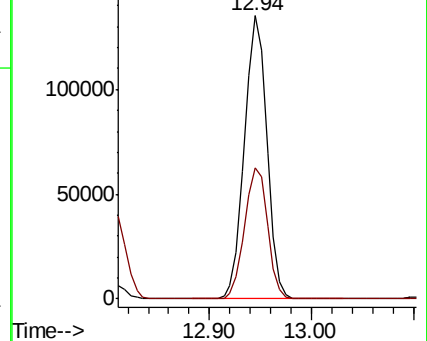
105 100

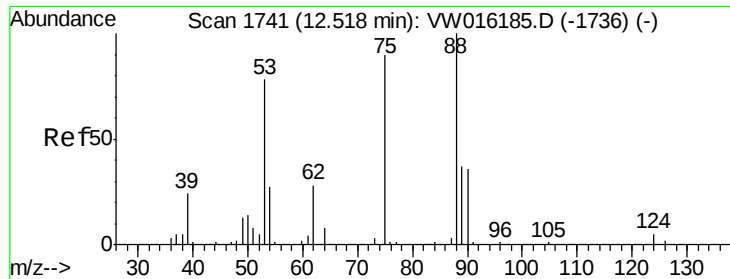
120 47.4 25.1 75.2



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: 18.551 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

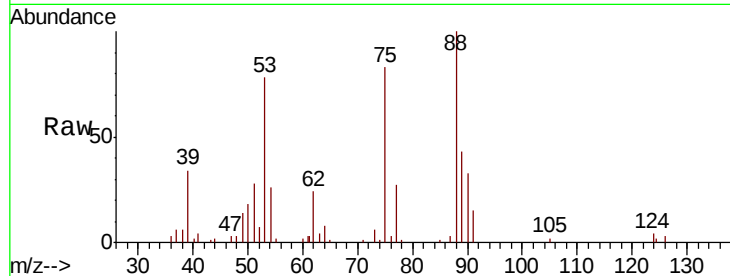
Tot Ion: 75 Resp: 11461

Ion Ratio Lower Upper

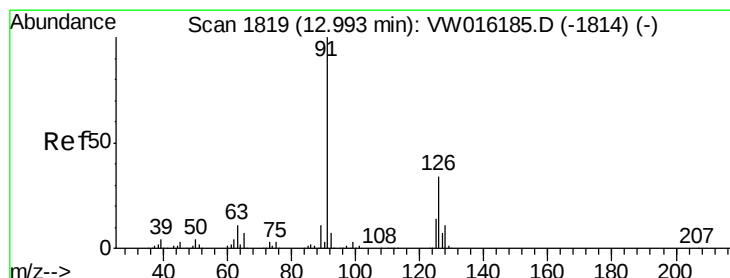
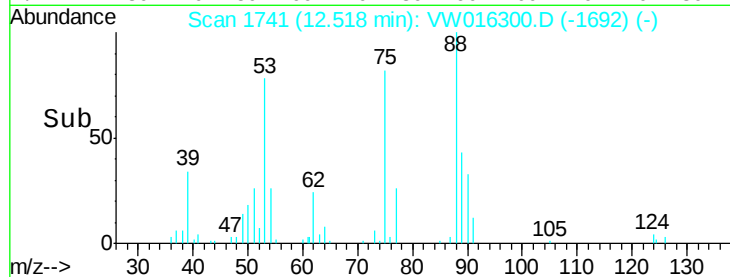
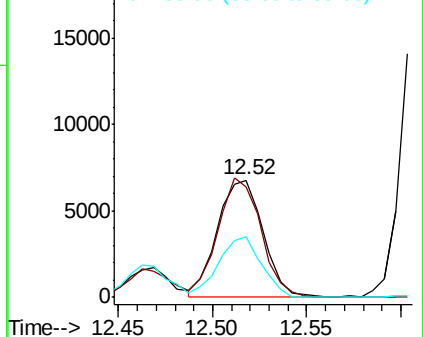
75 100

53 95.6 74.6 111.8

89 48.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 18.621 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW016300.D

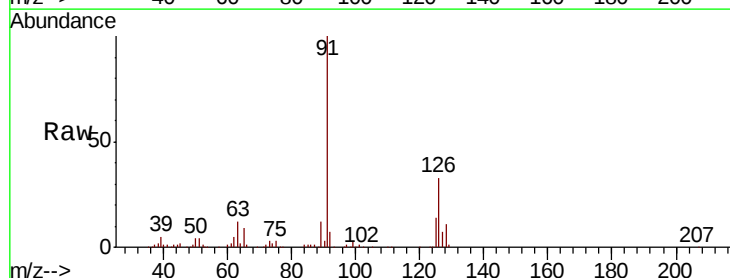
Acq: 21 Aug 2020 12:49

Tgt Ion: 91 Resp: 164128

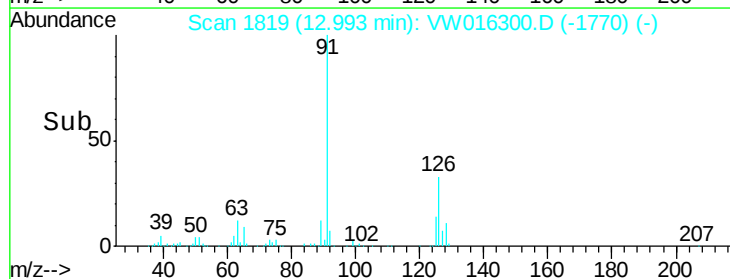
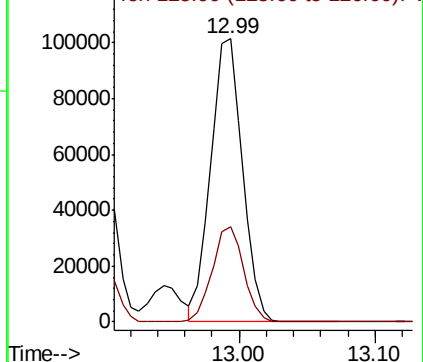
Ion Ratio Lower Upper

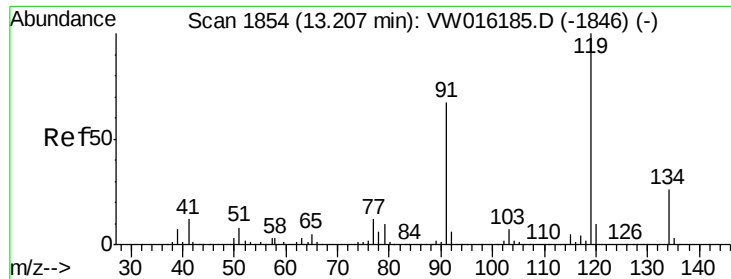
91 100

126 33.3 16.6 49.8



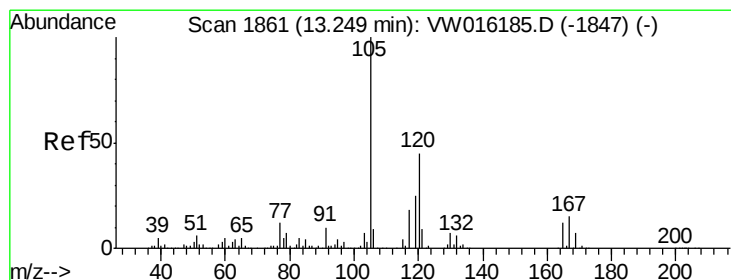
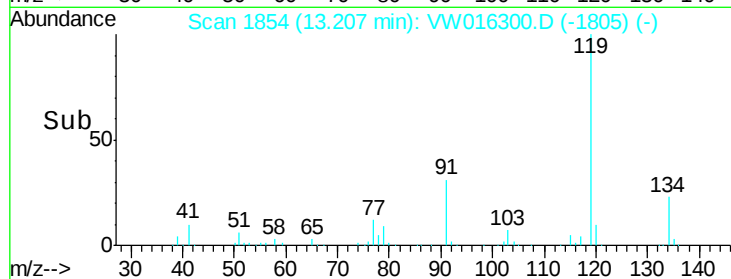
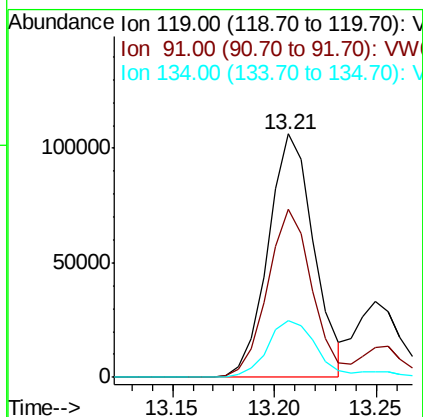
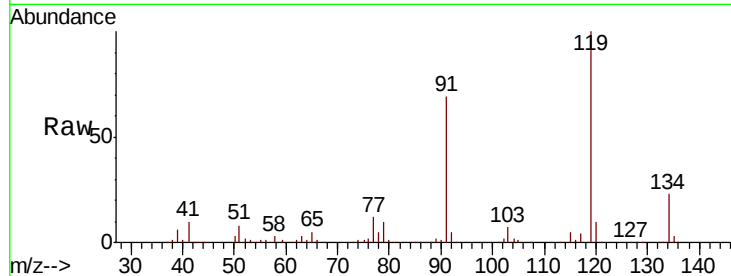
Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V





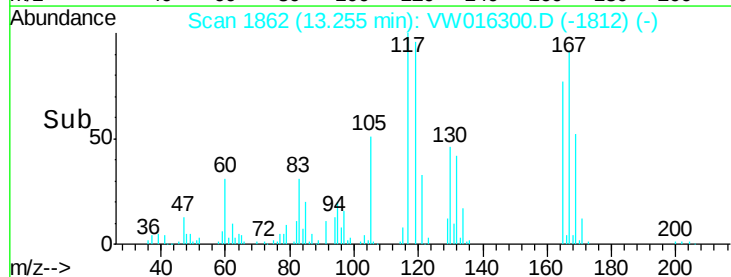
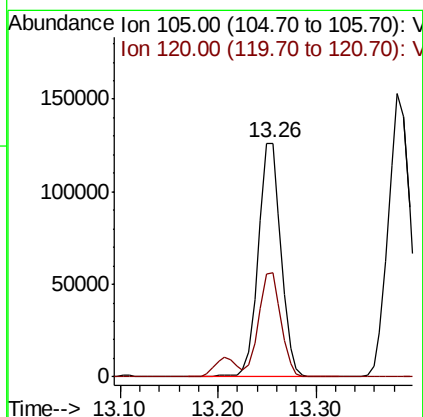
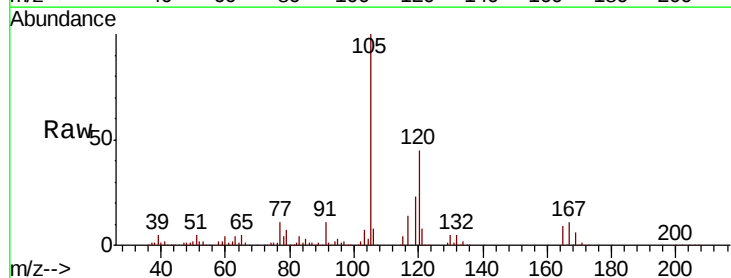
#83
tert-Butylbenzene
Concen: 19.206 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

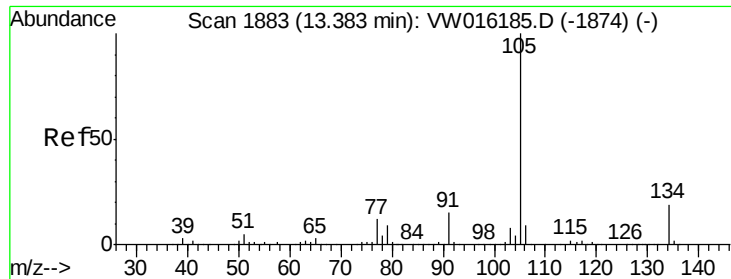
Tot Ion:119 Resp: 165914
Ion Ratio Lower Upper
119 100
91 68.5 33.3 99.9
134 24.5 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 19.420 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion:105 Resp: 202559
Ion Ratio Lower Upper
105 100
120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.001 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016300.D

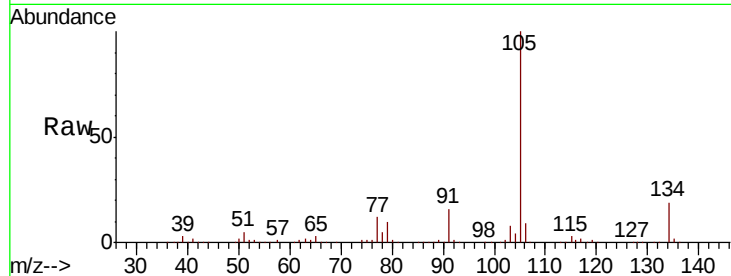
Acq: 21 Aug 2020 12:49

Tot Ion:105 Resp: 238567

Ion Ratio Lower Upper

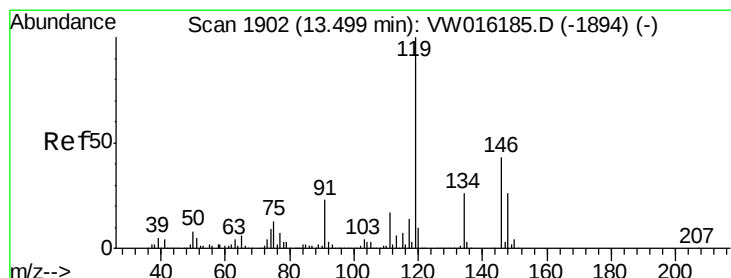
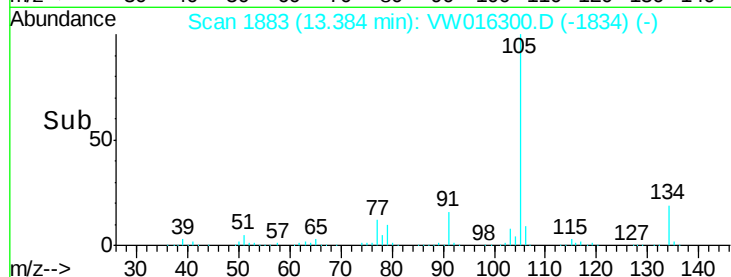
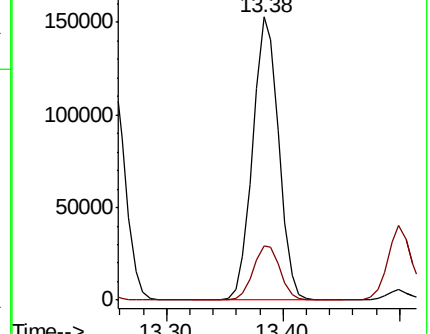
105 100

134 19.9 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.444 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

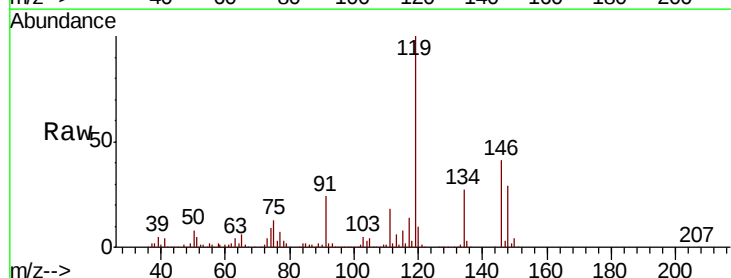
Tgt Ion:119 Resp: 220804

Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.4

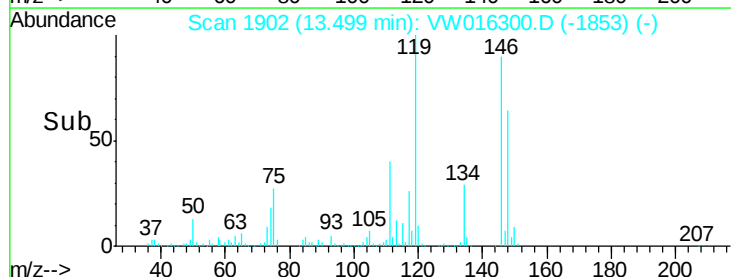
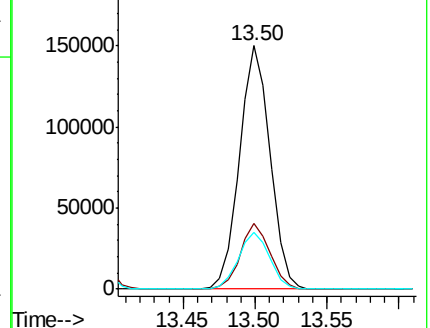
91 23.6 11.8 35.3

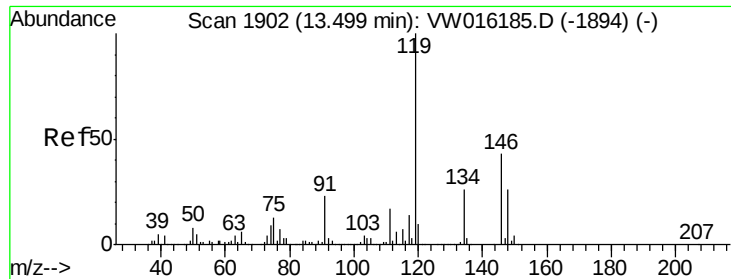


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.656 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

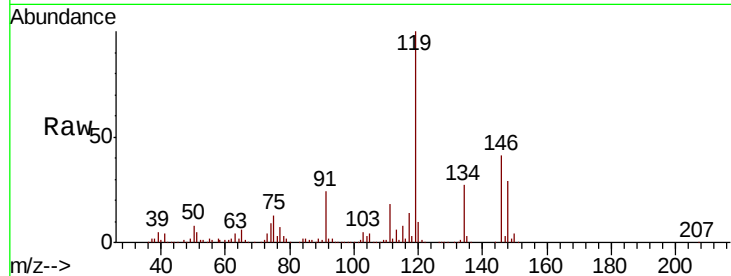
Tot Ion:146 Resp: 101472

Ion Ratio Lower Upper

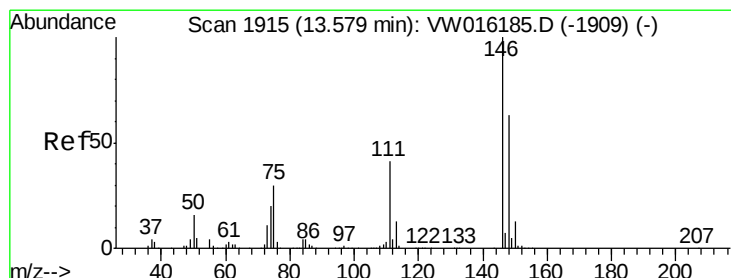
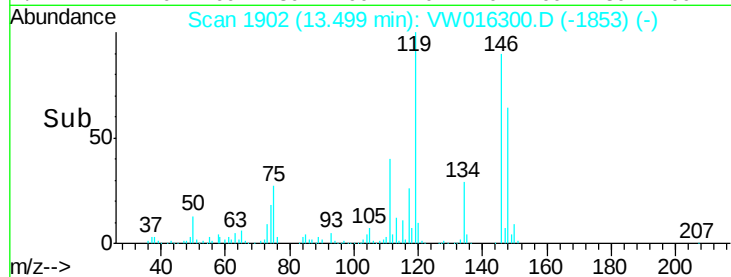
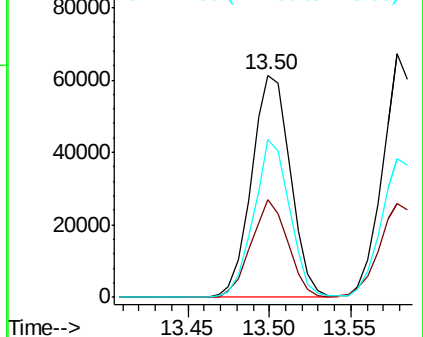
146 100

111 41.6 20.8 62.5

148 65.7 31.1 93.5



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



#88

1,4-Dichlorobenzene

Concen: 19.108 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW016300.D

Acq: 21 Aug 2020 12:49

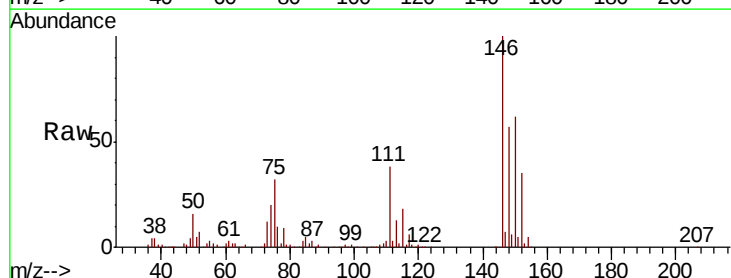
Tgt Ion:146 Resp: 102339

Ion Ratio Lower Upper

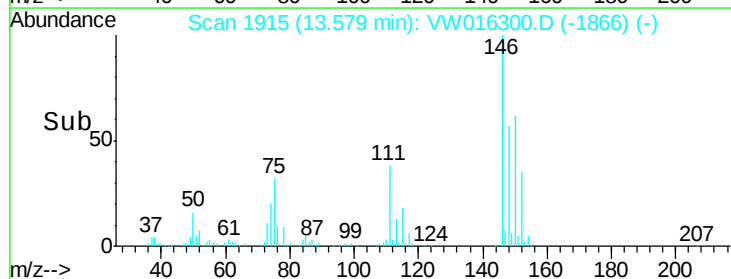
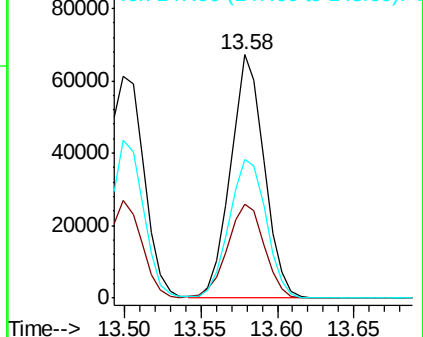
146 100

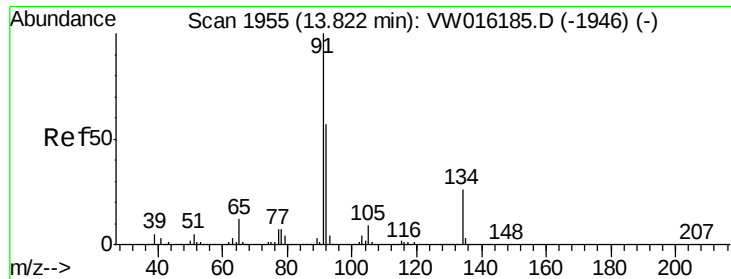
111 42.5 20.8 62.2

148 62.9 32.1 96.3



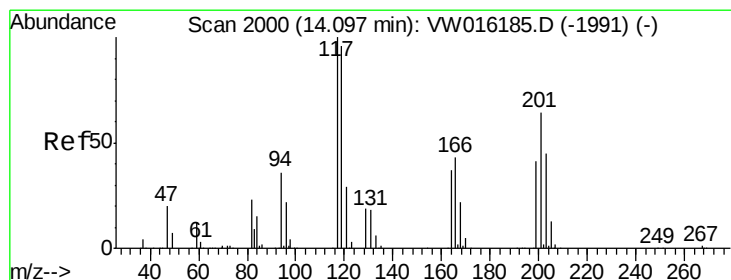
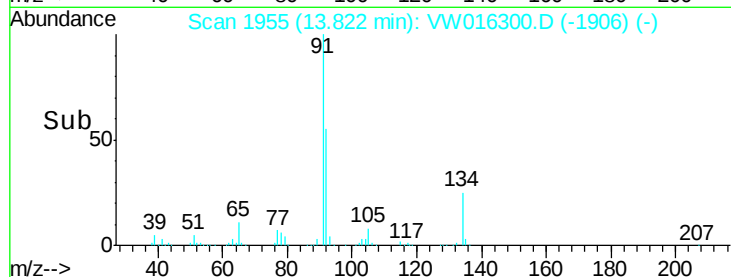
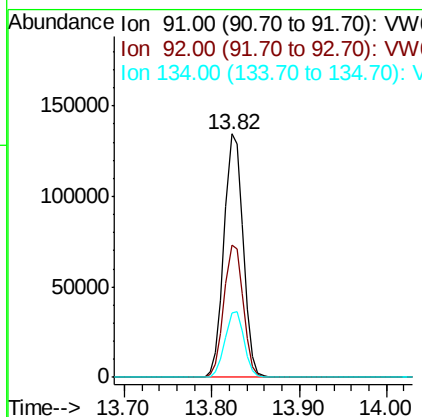
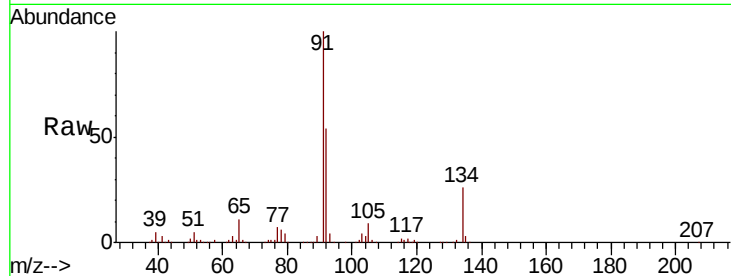
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





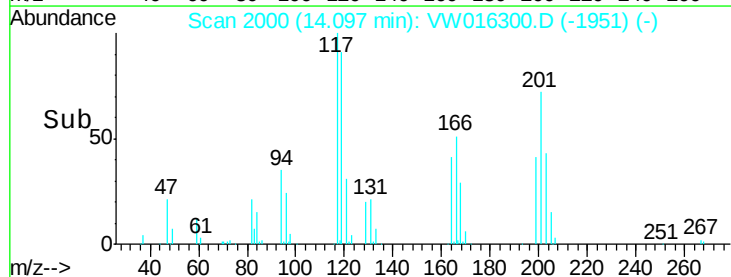
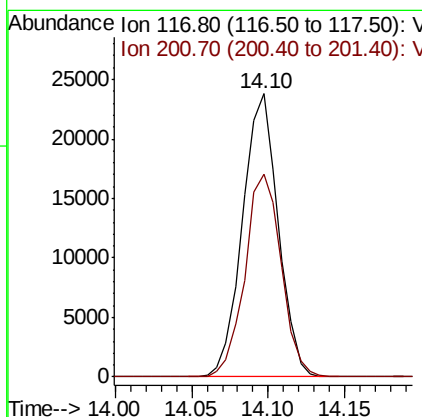
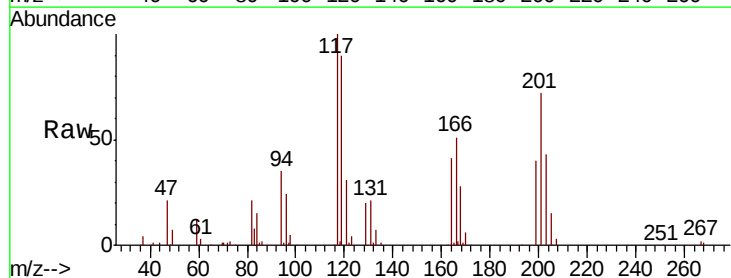
#89
n-Butylbenzene
Concen: 19.404 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

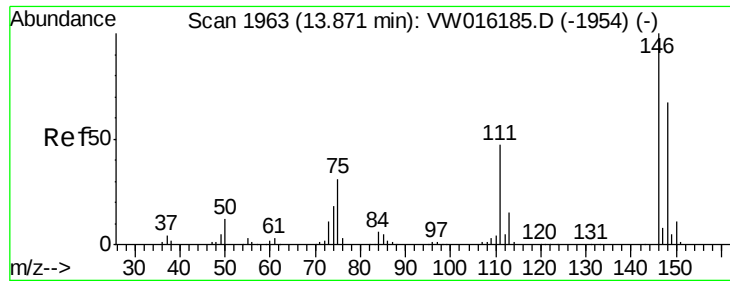
Tot Ion: 91 Resp: 203855
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 26.8 13.0 39.0



#90
Hexachloroethane
Concen: 18.171 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

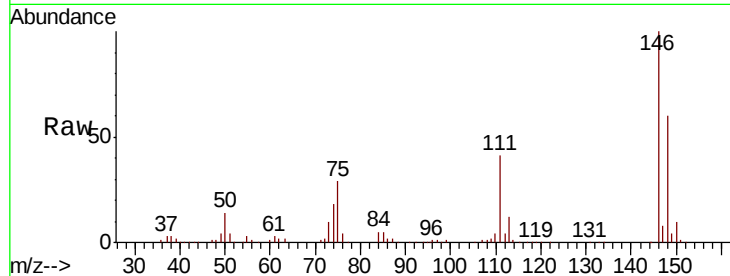
Tgt Ion: 117 Resp: 38509
Ion Ratio Lower Upper
117 100
201 72.7 33.8 101.3



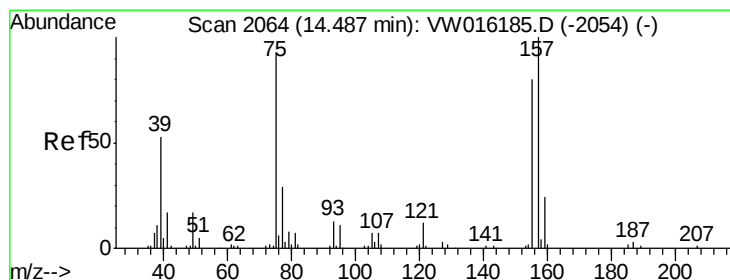
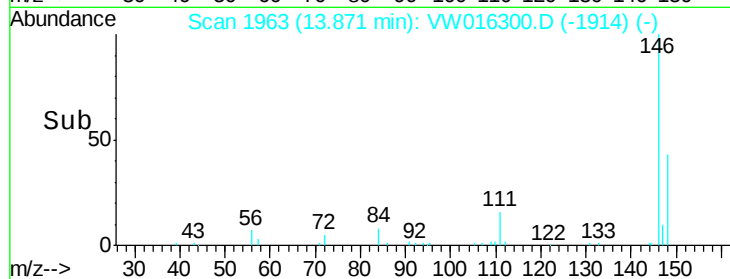
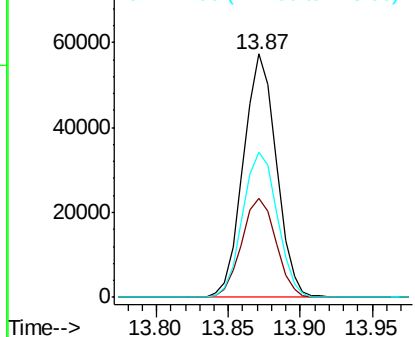


#91
 1,2-Dichlorobenzene
 Concen: 19.205 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.9	65.8
148	62.4	32.1	96.3

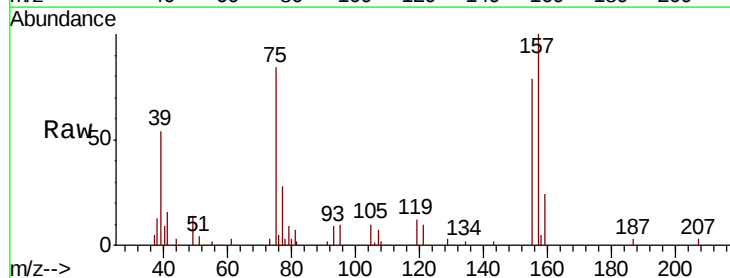


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

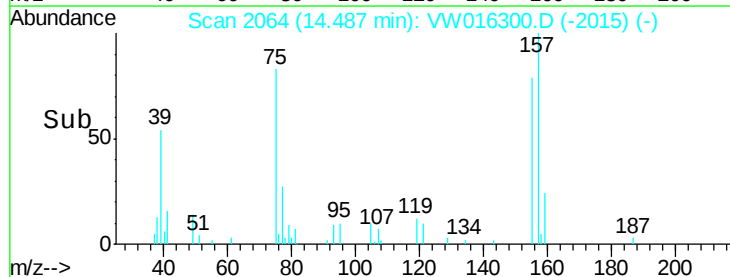
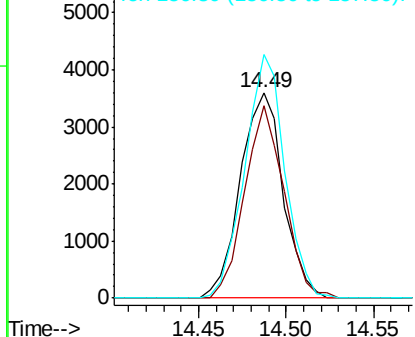


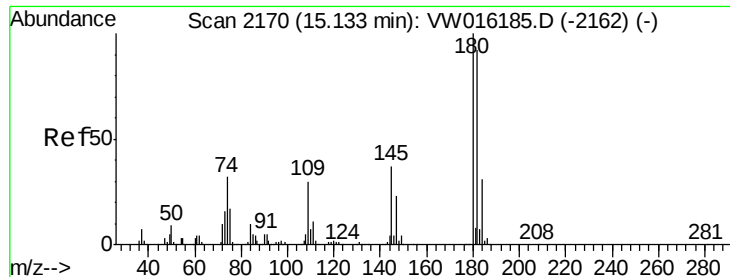
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.412 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.6	41.3	124.1
157	110.7	53.0	159.0



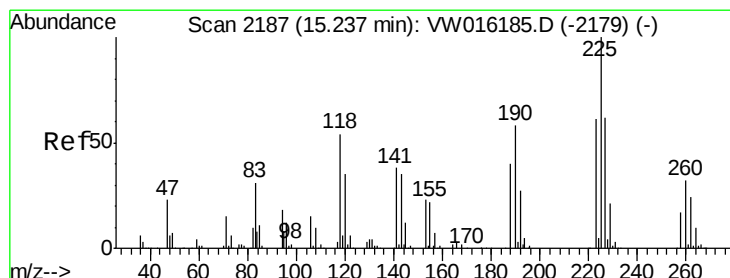
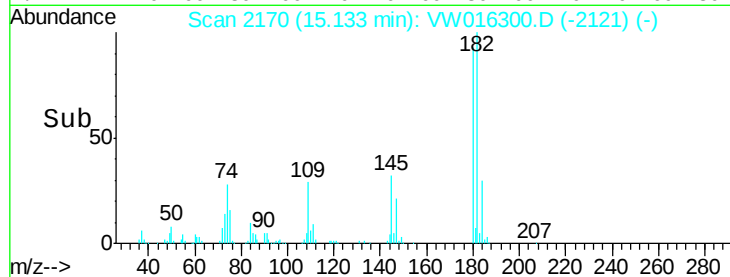
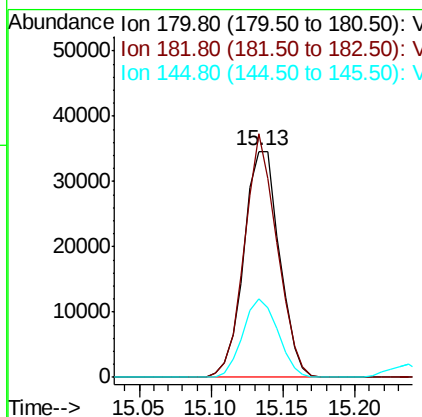
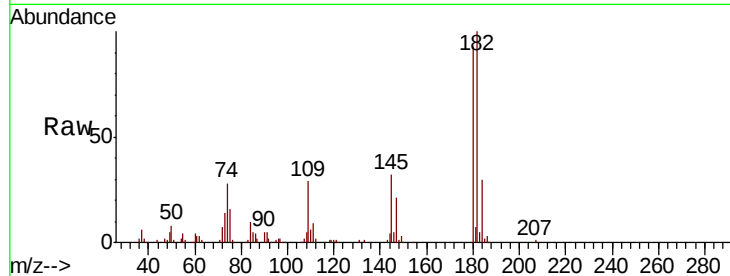
Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





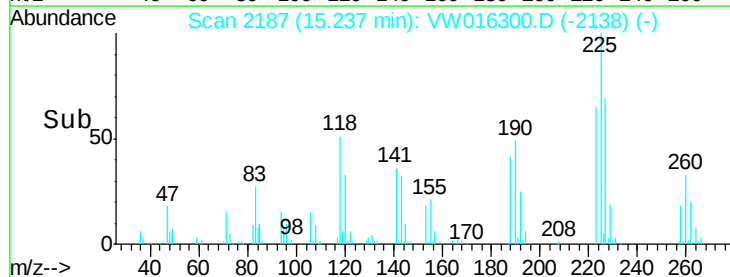
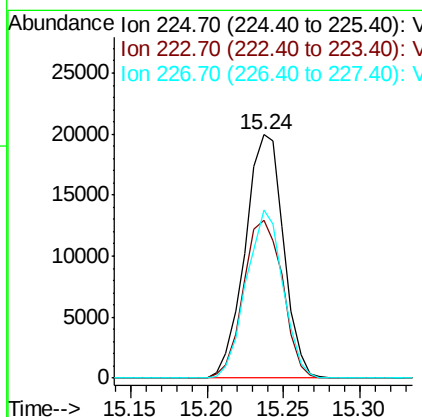
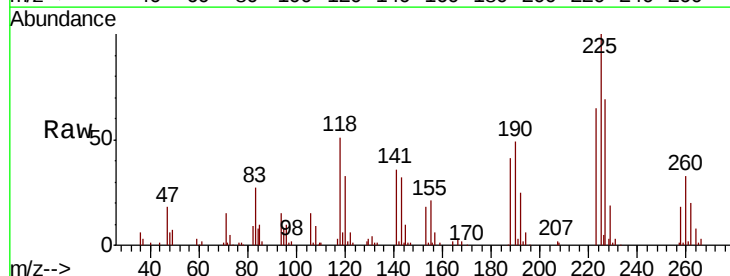
#93
 1,2,4-Trichlorobenzene
 Concen: 21.004 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

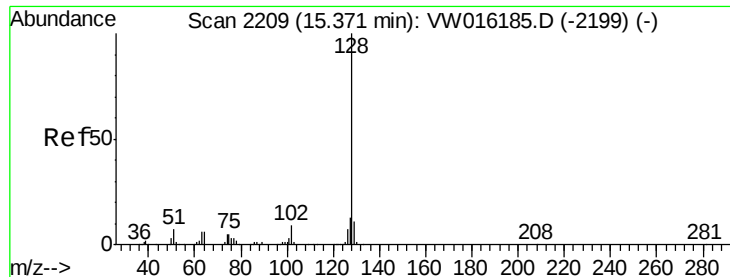
Tot Ion:180	Resp:	59393
Ion Ratio	Lower	Upper
180	100	
182	98.6	46.0 138.0
145	34.1	16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 20.729 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016300.D
 Acq: 21 Aug 2020 12:49

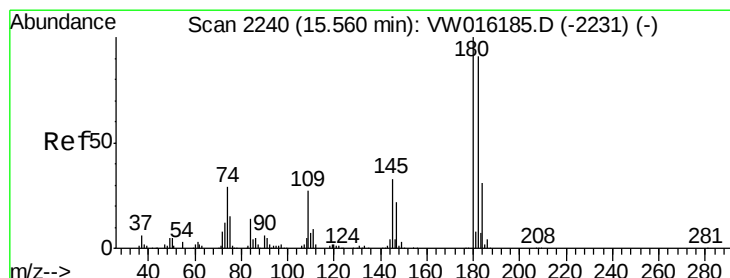
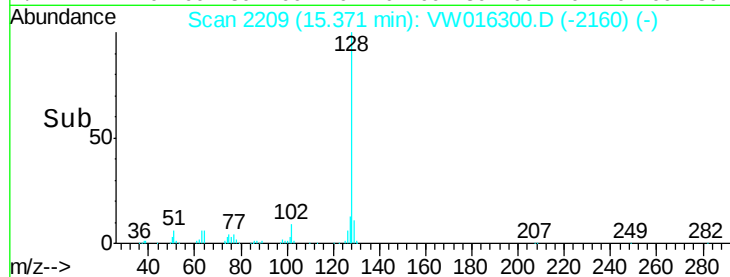
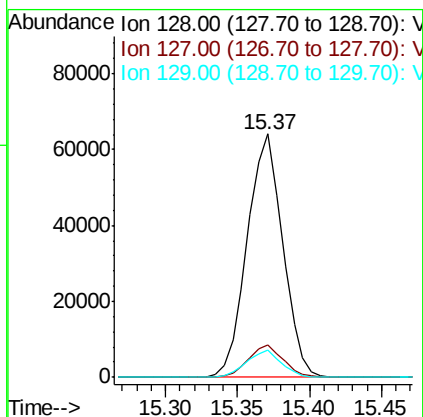
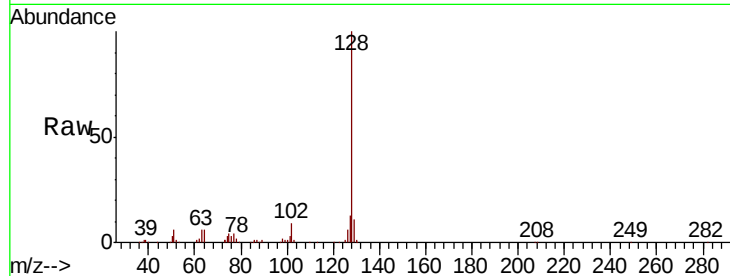
Tgt Ion:225	Resp:	34849
Ion Ratio	Lower	Upper
225	100	
223	65.9	33.0 99.0
227	66.0	32.0 96.2





#95
Naphthalene
Concen: 20.719 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tot Ion:128 Resp: 109463
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.349 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016300.D
Acq: 21 Aug 2020 12:49

Tgt Ion:180 Resp: 51845
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 34.8 17.4 52.3

