

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016299.D
 Acq On : 21 Aug 2020 12:25
 Operator : SY/VA
 Sample : VW0822SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 06:00:24 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	236901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111114	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.89	113	116104	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.32	98	455889	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	163982	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31769	19.720	ug/l	98
3) Chloromethane	2.21	50	31328	18.264	ug/l	99
4) Vinyl Chloride	2.37	62	42062	17.520	ug/l	96
5) Bromomethane	2.78	94	26593	17.815	ug/l	97
6) Chloroethane	2.92	64	24022	17.718	ug/l	96
7) Trichlorofluoromethane	3.26	101	40088	20.625	ug/l	100
8) Diethyl Ether	3.68	74	22813	18.704	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46982	18.434	ug/l	99
10) Methyl Iodide	4.26	142	70065	19.026	ug/l	99
11) Tert butyl alcohol	5.20	59	13470	109.553	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	47443	18.292	ug/l	97
13) Acrolein	3.90	56	15533	87.456	ug/l	96
14) Allyl chloride	4.67	41	64263	18.493	ug/l	98
15) Acrylonitrile	5.37	53	41695	90.725	ug/l	99
16) Acetone	4.14	43	34549	78.064	ug/l	94
17) Carbon Disulfide	4.38	76	136101	17.872	ug/l	98
18) Methyl Acetate	4.67	43	17838	17.308	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	65135	20.395	ug/l	96
20) Methylene Chloride	4.91	84	64781	20.664	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	52051	18.429	ug/l	96
22) Diisopropyl ether	6.31	45	124484	19.002	ug/l	97
23) Vinyl Acetate	6.26	43	349021	93.042	ug/l	98
24) 1,1-Dichloroethane	6.21	63	83243	18.206	ug/l	97
25) 2-Butanone	7.18	43	50203	84.641	ug/l	97
26) 2,2-Dichloropropane	7.17	77	59497	20.144	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	56890	19.514	ug/l	99
28) Bromochloromethane	7.51	49	32433	18.696	ug/l	95
29) Tetrahydrofuran	7.53	42	31594	89.110	ug/l	97
30) Chloroform	7.68	83	89156	18.767	ug/l	98
31) Cyclohexane	7.96	56	77822	18.458	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	77486	19.413	ug/l	97
36) 1,1-Dichloropropene	8.08	75	72273	19.240	ug/l	99
37) Ethyl Acetate	7.25	43	23804	18.483	ug/l	98
38) Carbon Tetrachloride	8.07	117	73456	19.596	ug/l	95

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 QLast Update : Mon Aug 17 08:01:41 2020
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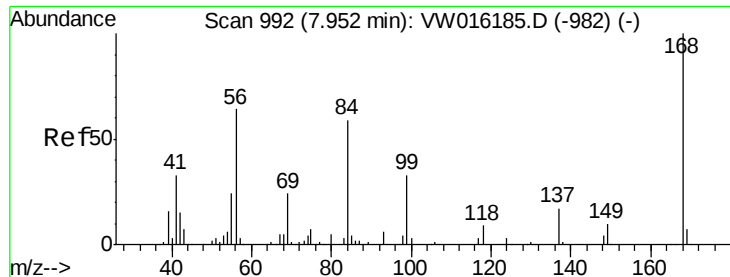
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90333	19.965	ug/l	98
40) Benzene	8.32	78	198246	18.760	ug/l	99
41) Methacrylonitrile	7.49	41	13635	18.550	ug/l	97
42) 1,2-Dichloroethane	8.40	62	54135	19.397	ug/l	98
43) Isopropyl Acetate	8.43	43	45099	18.613	ug/l	97
44) Trichloroethene	9.09	130	56524	18.886	ug/l	100
45) 1,2-Dichloropropane	9.37	63	46358	18.610	ug/l	96
46) Dibromomethane	9.46	93	24476	18.716	ug/l	94
47) Bromodichloromethane	9.65	83	64790	19.175	ug/l	96
48) Methyl methacrylate	9.44	41	22023	19.552	ug/l	99
49) 1,4-Dioxane	9.48	88	6478	393.381	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	111784	91.218	ug/l	99
52) Toluene	10.39	92	132017	19.510	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	61948	19.801	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	75855	19.509	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35854	19.107	ug/l	99
56) Ethyl methacrylate	10.65	69	42075	19.662	ug/l	98
57) 1,3-Dichloropropane	10.93	76	59619	18.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	98707	101.171	ug/l	98
59) 2-Hexanone	10.97	43	76356	91.080	ug/l	100
60) Dibromochloromethane	11.13	129	44086	19.750	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34288	18.982	ug/l	98
64) Tetrachloroethene	10.87	164	44253	19.893	ug/l	93
65) Chlorobenzene	11.66	112	139468	20.070	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	48522	19.976	ug/l	99
67) Ethyl Benzene	11.73	91	252327	20.204	ug/l	98
68) m/p-Xylenes	11.84	106	198162	41.281	ug/l	98
69) o-Xylene	12.17	106	90323	21.120	ug/l	100
70) Styrene	12.18	104	153469	20.738	ug/l	99
71) Bromoform	12.35	173	22506	20.703	ug/l #	99
73) Isopropylbenzene	12.46	105	250073	20.263	ug/l	100
74) N-amyl acetate	12.27	43	42137	19.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	38015	18.409	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	49191	33.027	ug/l #	1
77) Bromobenzene	12.75	156	55140	20.200	ug/l	94
78) n-propylbenzene	12.80	91	296968	20.159	ug/l	100
79) 2-Chlorotoluene	12.90	91	170598	20.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	215611	20.352	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	11918	19.193	ug/l	98
82) 4-Chlorotoluene	12.99	91	178137	20.108	ug/l	100
83) tert-Butylbenzene	13.21	119	179639	20.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	216024	20.606	ug/l	99
85) sec-Butylbenzene	13.38	105	258090	20.452	ug/l	99
86) p-Isopropyltoluene	13.50	119	238830	20.925	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	111816	20.454	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108945	20.239	ug/l	99
89) n-Butylbenzene	13.82	91	219357	20.774	ug/l	99
90) Hexachloroethane	14.10	117	41945	19.692	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	96535	20.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6115	19.263	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64812	22.804	ug/l	97
94) Hexachlorobutadiene	15.24	225	38137	22.570	ug/l	98
95) Naphthalene	15.36	128	108778	20.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	54025	22.134	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: VW016299.D

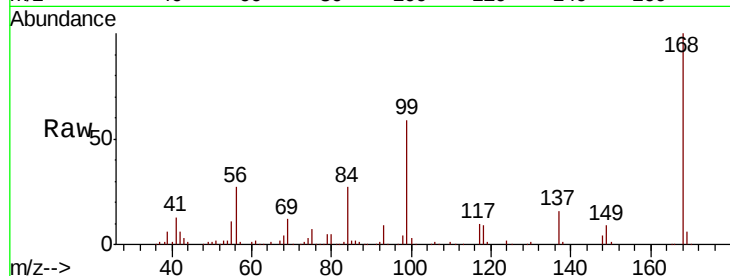
Acq: 21 Aug 2020 12:25

Tot Ion:168 Resp: 236901

Ion Ratio Lower Upper

168 100

99 58.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

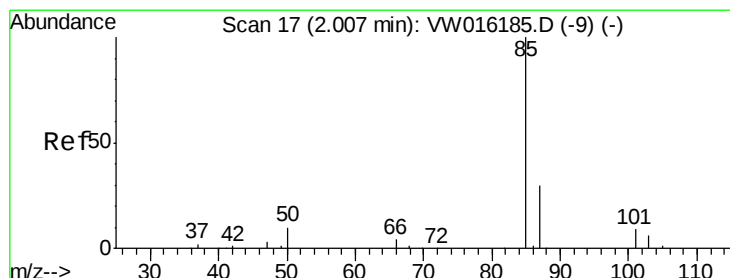
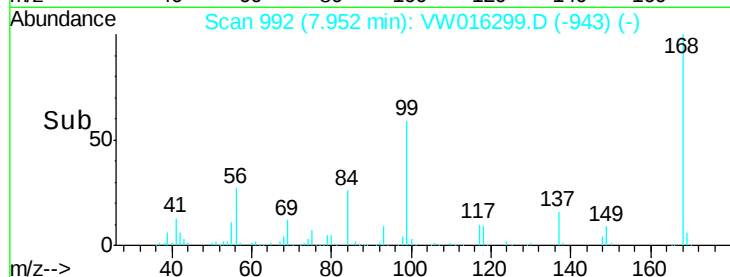
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.720 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016299.D

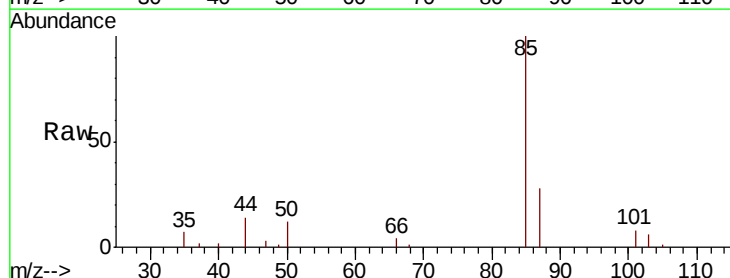
Acq: 21 Aug 2020 12:25

Tgt Ion: 85 Resp: 31769

Ion Ratio Lower Upper

85 100

87 28.4 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

4000

2000

0

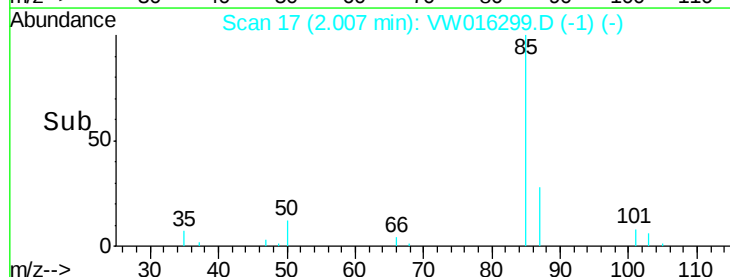
1.90

2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 18.264 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016299.D

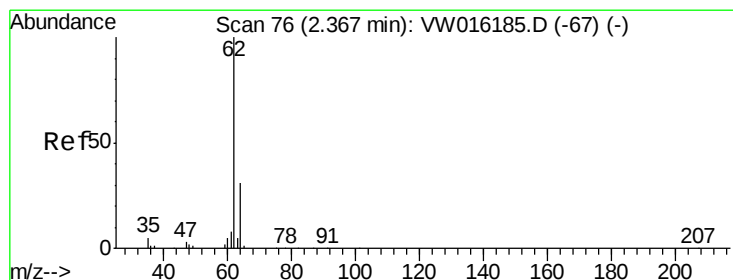
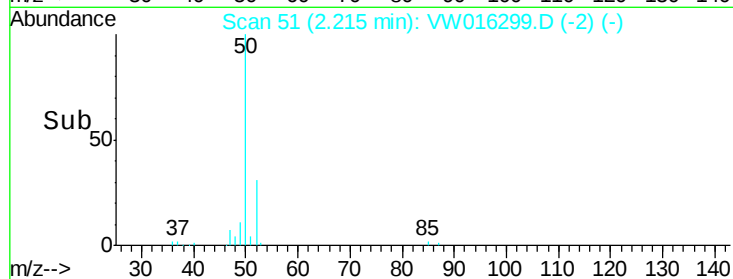
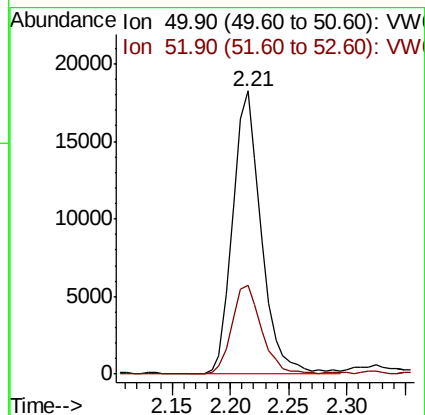
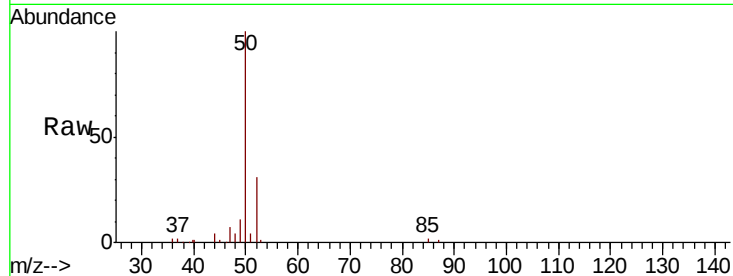
Acq: 21 Aug 2020 12:25

Tot Ion: 50 Resp: 31328

Ion Ratio Lower Upper

50 100

52 31.3 25.3 37.9



#4

Vinyl Chloride

Concen: 17.520 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016299.D

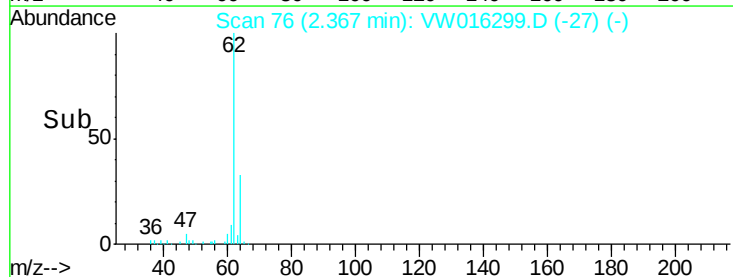
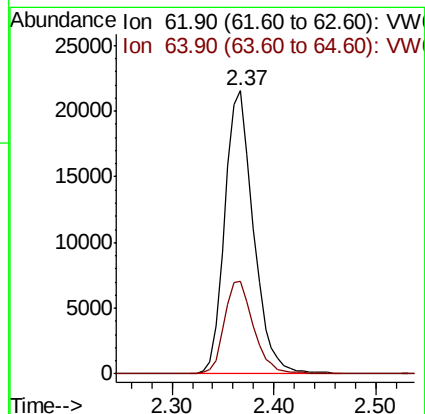
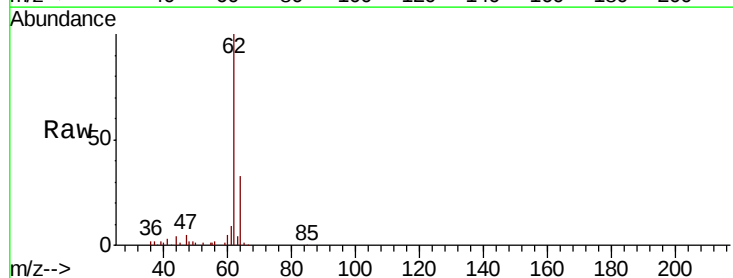
Acq: 21 Aug 2020 12:25

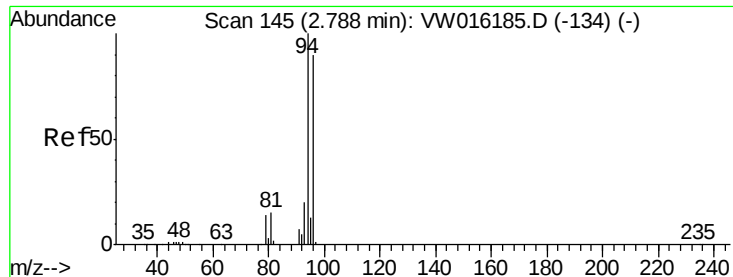
Tgt Ion: 62 Resp: 42062

Ion Ratio Lower Upper

62 100

64 32.8 24.5 36.7





#5

Bromomethane

Concen: 17.815 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016299.D

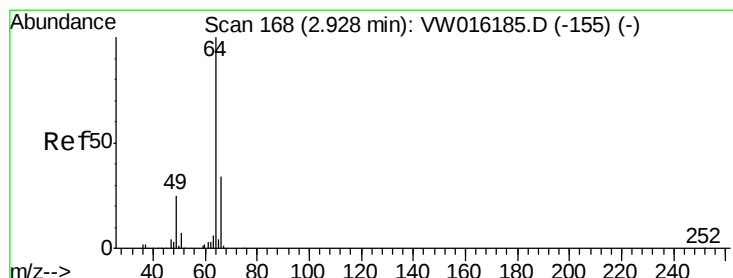
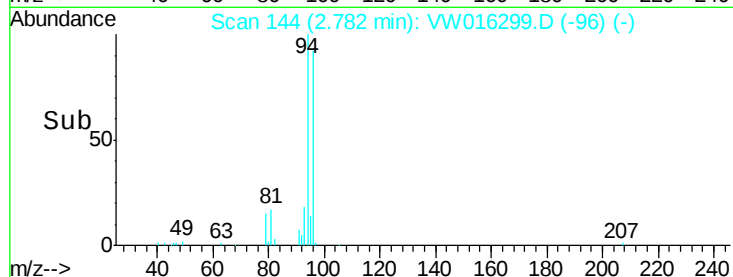
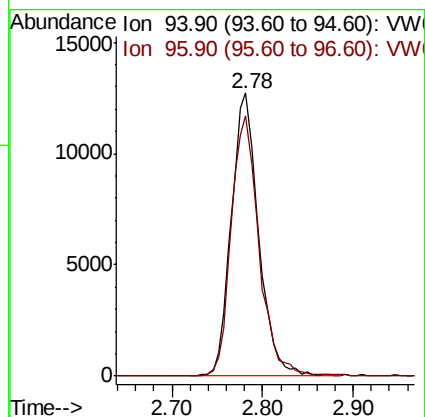
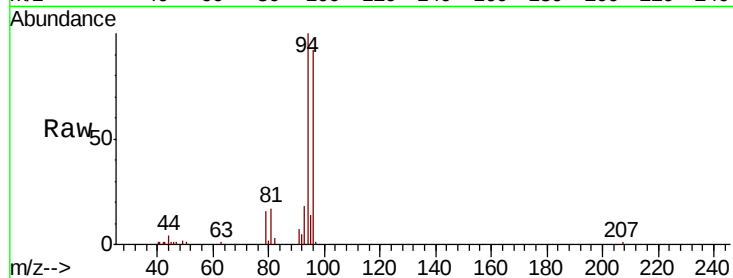
Acq: 21 Aug 2020 12:25

Tot Ion: 94 Resp: 26593

Ion Ratio Lower Upper

94 100

96 92.2 71.8 107.6



#6

Chloroethane

Concen: 17.718 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016299.D

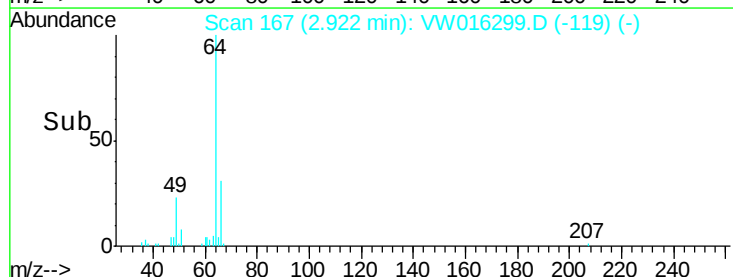
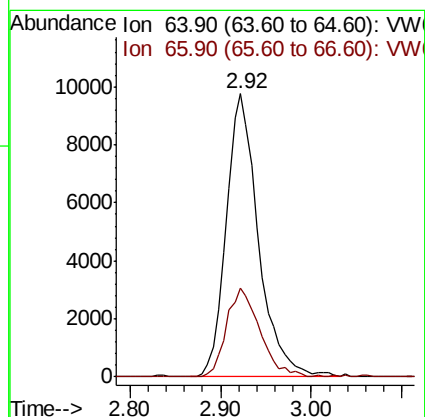
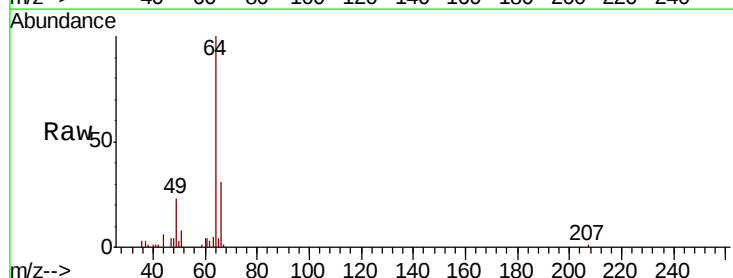
Acq: 21 Aug 2020 12:25

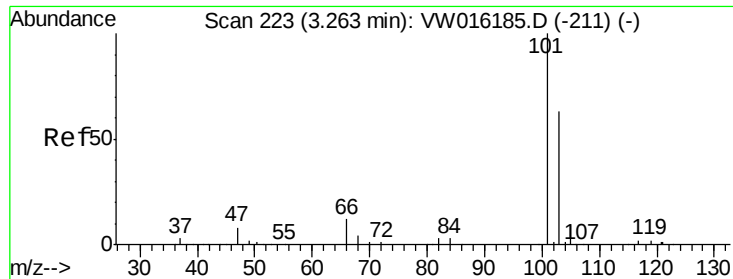
Tgt Ion: 64 Resp: 24022

Ion Ratio Lower Upper

64 100

66 31.4 26.9 40.3

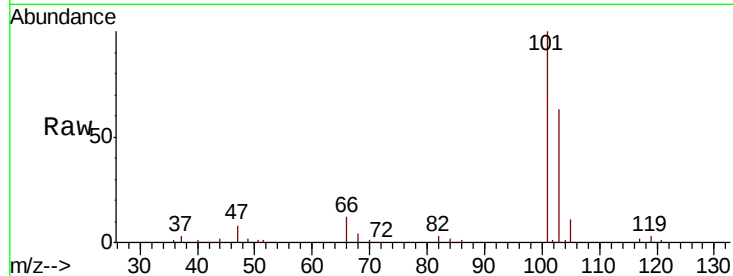




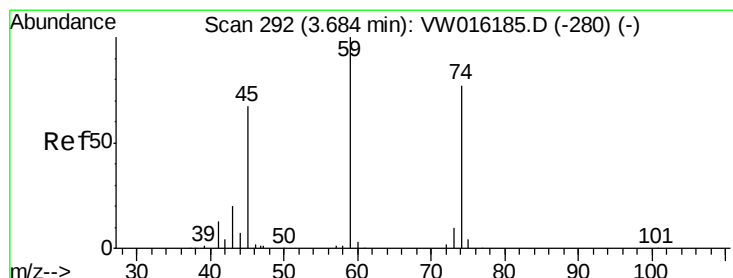
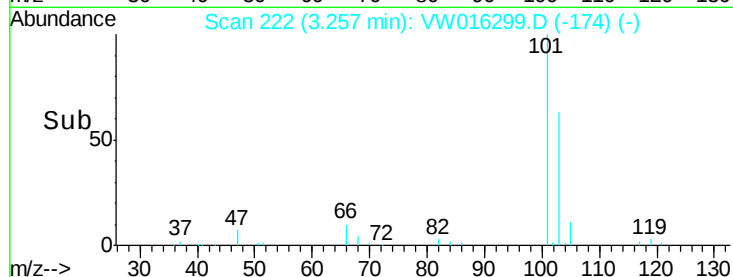
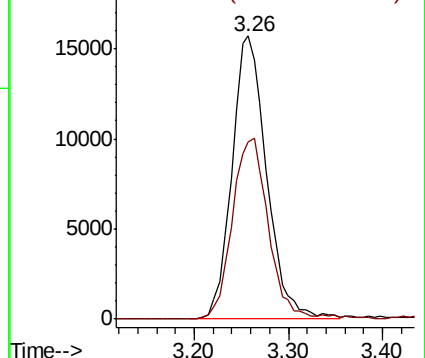
#7

Trichlorofluoromethane
Concen: 20.625 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tot Ion:101 Resp: 40088
Ion Ratio Lower Upper
101 100
103 62.7 50.4 75.6



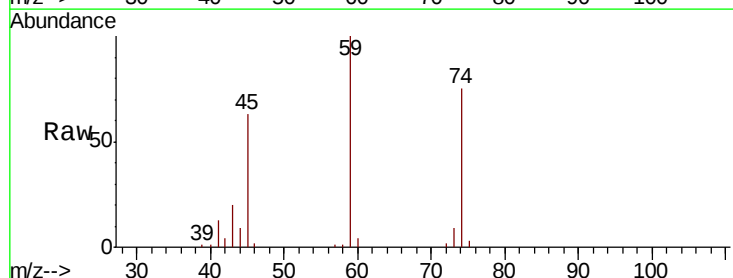
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



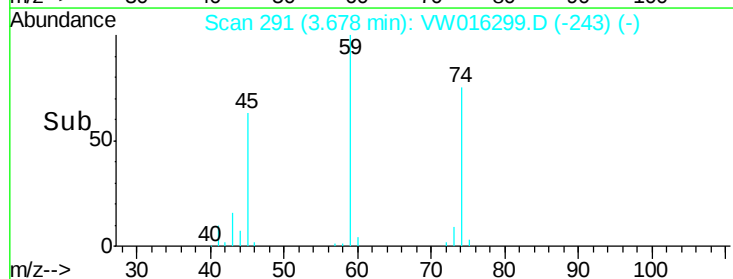
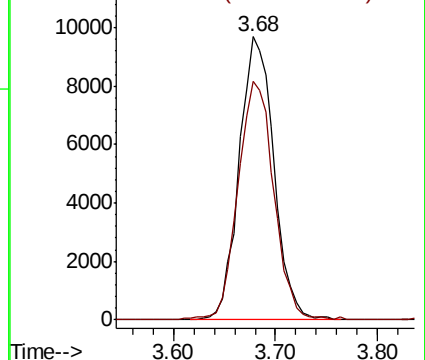
#8

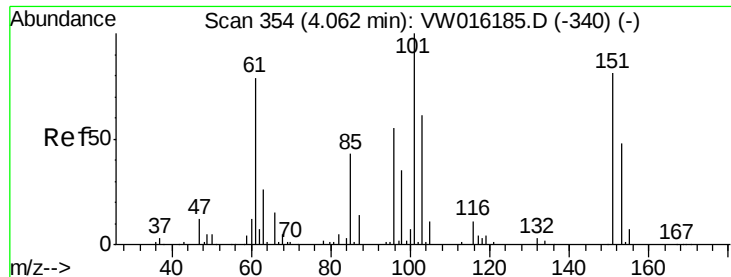
Diethyl Ether
Concen: 18.704 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion: 74 Resp: 22813
Ion Ratio Lower Upper
74 100
45 87.1 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: 18.434 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

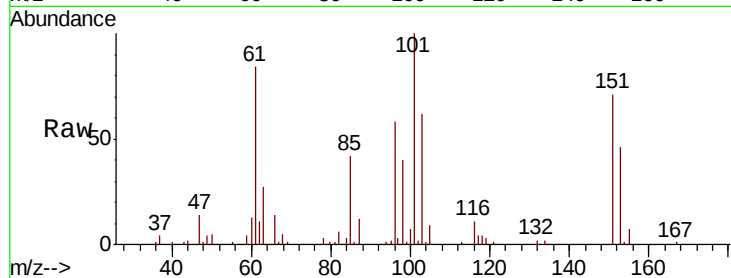
Tot Ion:101 Resp: 46982

Ion Ratio Lower Upper

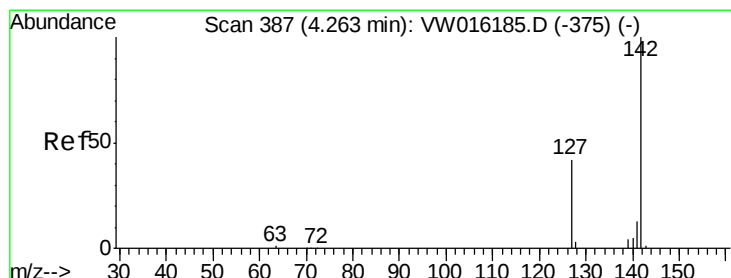
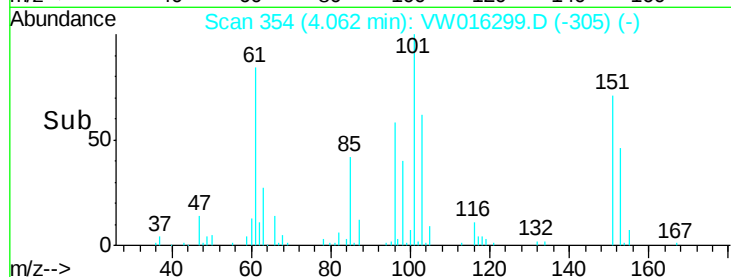
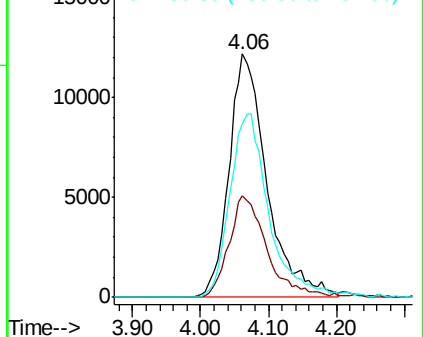
101 100

85 41.5 33.3 49.9

151 77.4 61.1 91.7



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



#10

Methyl Iodide

Concen: 19.026 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

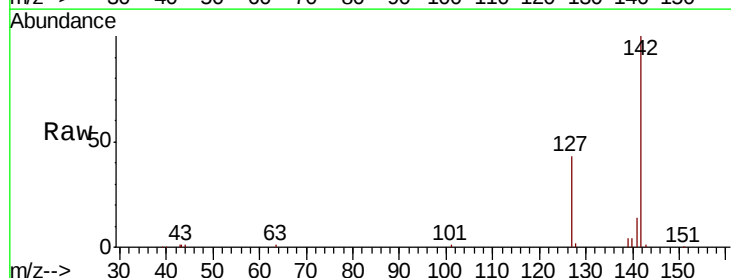
Tgt Ion:142 Resp: 70065

Ion Ratio Lower Upper

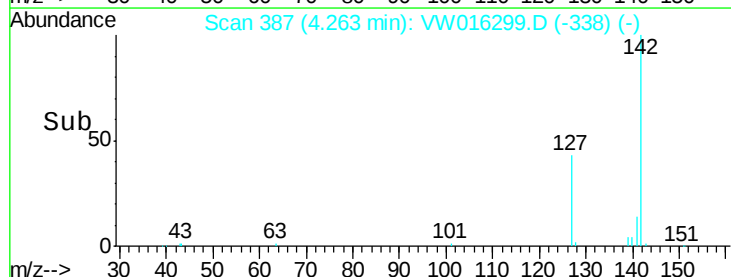
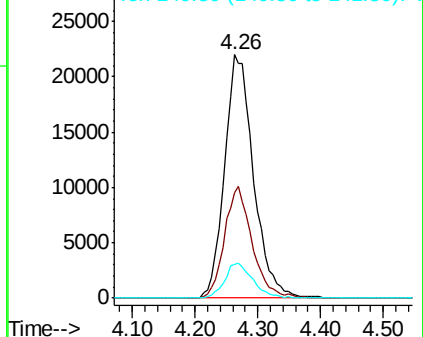
142 100

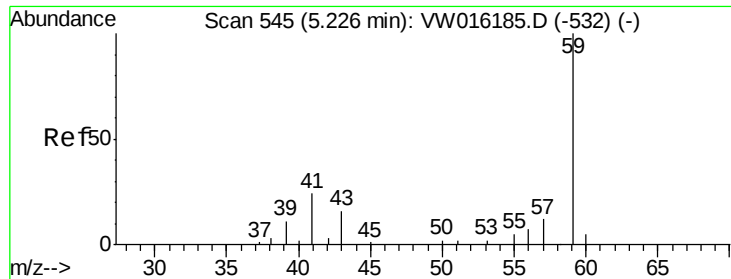
127 43.6 34.6 52.0

141 14.0 11.4 17.2



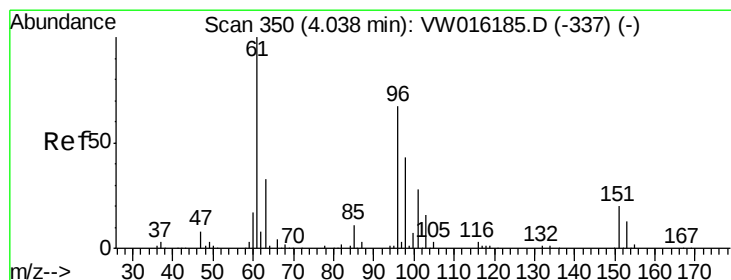
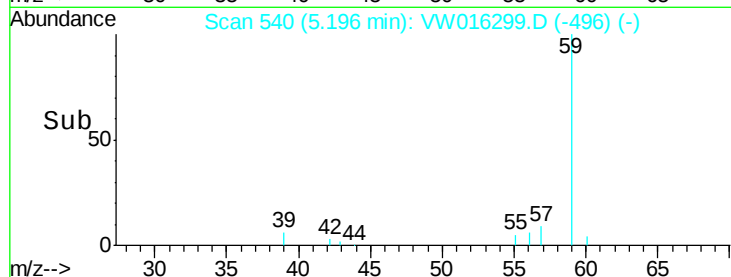
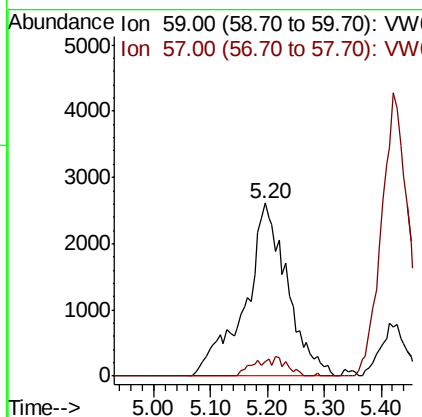
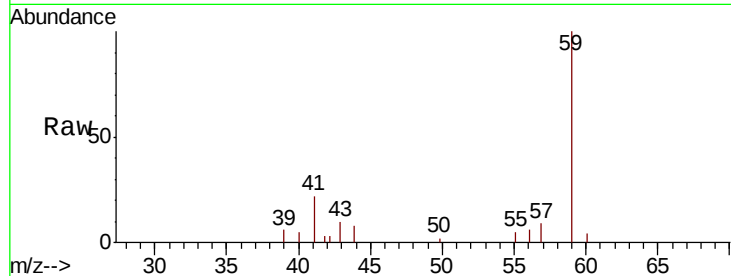
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





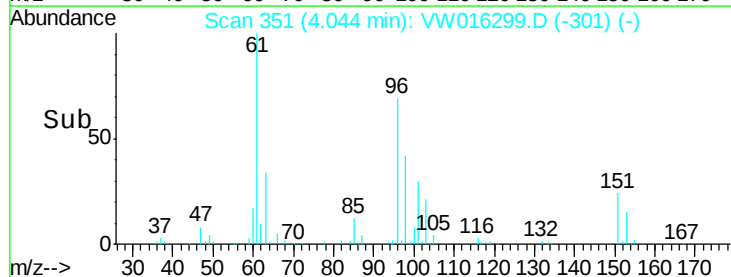
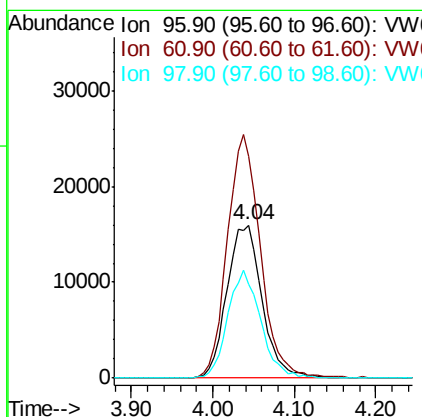
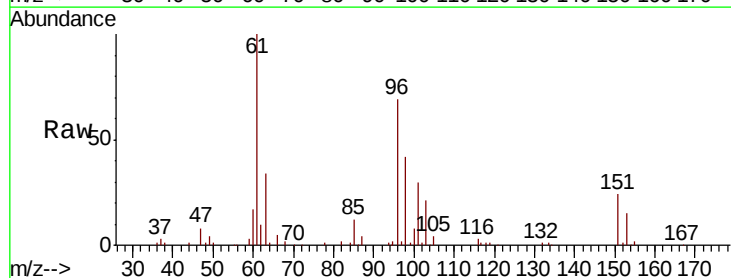
#11
 Tert butyl alcohol
 Concen: 109.553 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

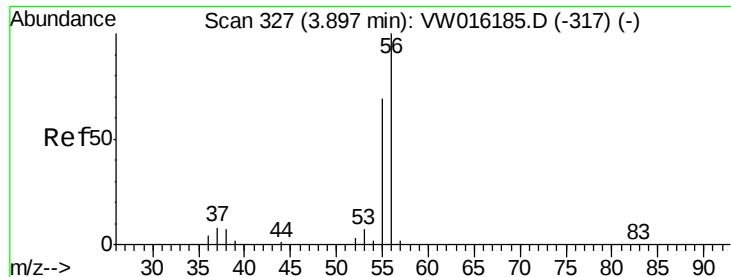
Tot Ion: 59 Resp: 13470
 Ion Ratio Lower Upper
 59 100
 57 8.3 9.0 13.6#



#12
 1,1-Dichloroethene
 Concen: 18.292 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion: 96 Resp: 47443
 Ion Ratio Lower Upper
 96 100
 61 145.2 119.5 179.3
 98 61.5 51.3 76.9





#13

Acrolein

Concen: 87.456 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016299.D

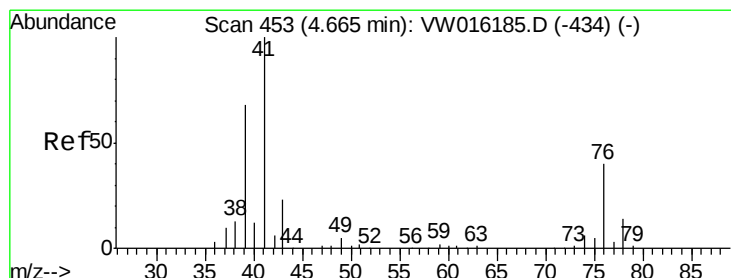
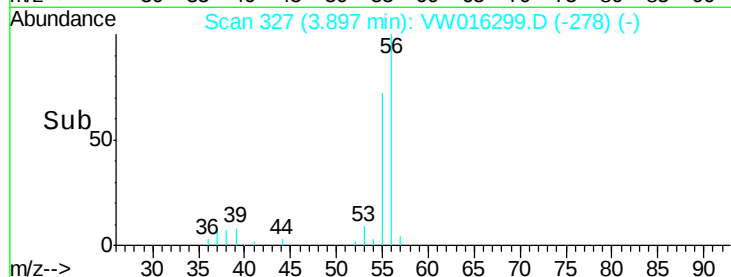
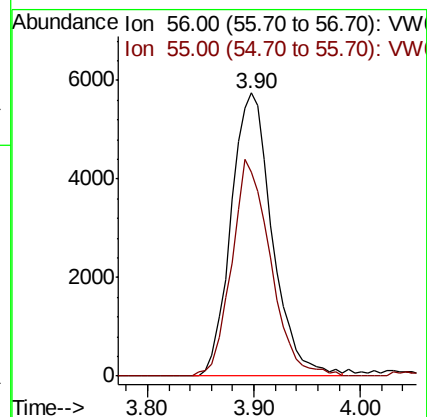
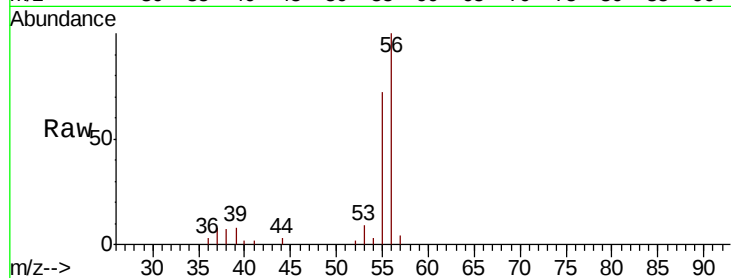
Acq: 21 Aug 2020 12:25

Tot Ion: 56 Resp: 15533

Ion Ratio Lower Upper

56 100

55 72.2 55.0 82.6



#14

Allyl chloride

Concen: 18.493 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

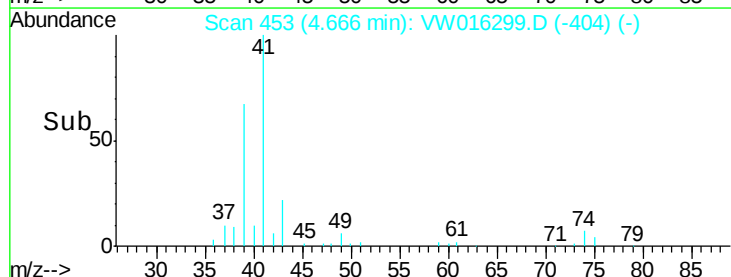
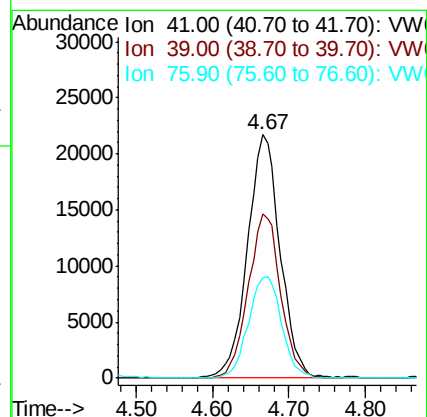
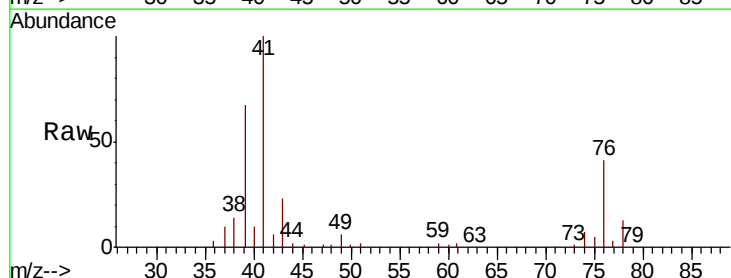
Tgt Ion: 41 Resp: 64263

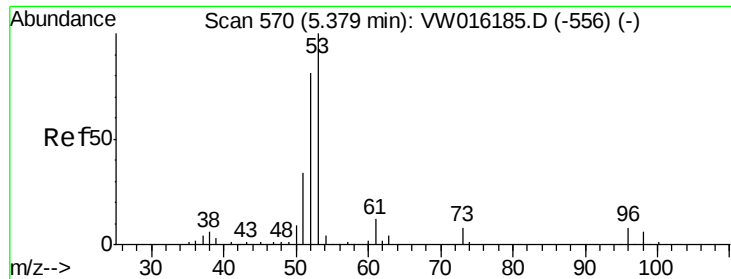
Ion Ratio Lower Upper

41 100

39 67.0 53.4 80.0

76 42.5 32.0 48.0





#15

Acrylonitrile

Concen: 90.725 ug/l

RT: 5.37 min Scan# 569

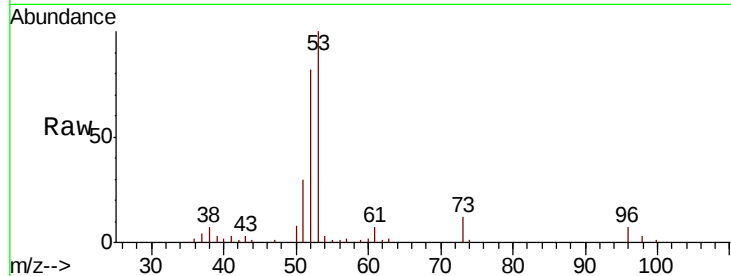
Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tot Ion: 53 Resp: 41695

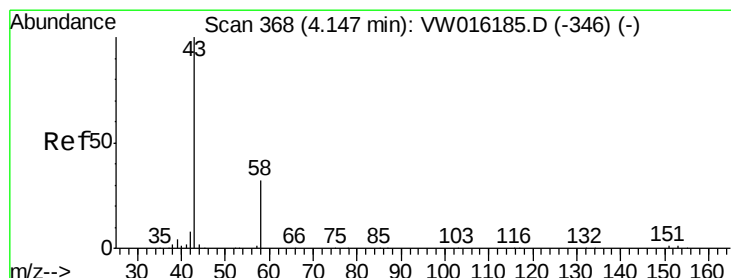
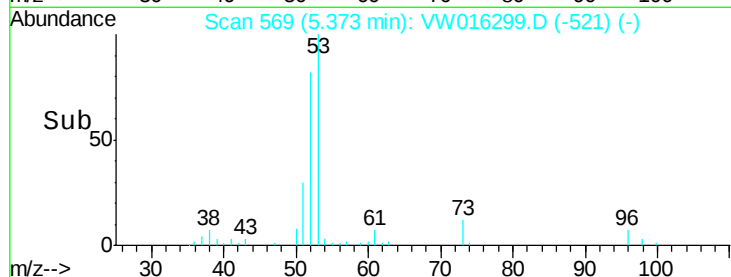
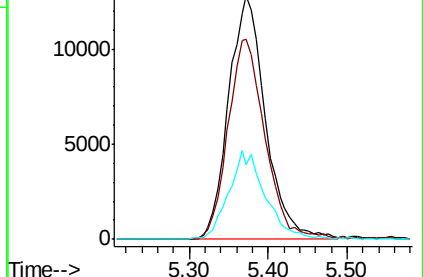
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.3	97.9
51	35.6	29.0	43.4



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: 78.064 ug/l

RT: 4.14 min Scan# 366

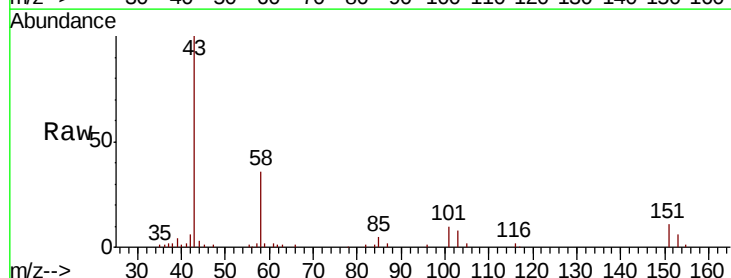
Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

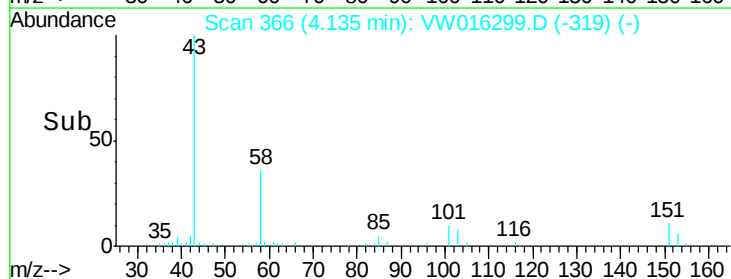
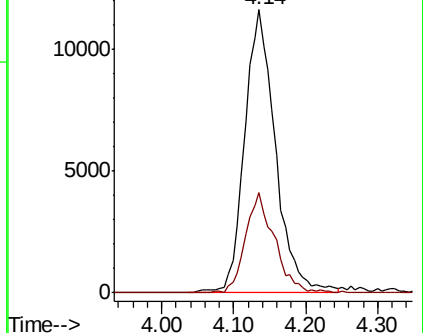
Tgt Ion: 43 Resp: 34549

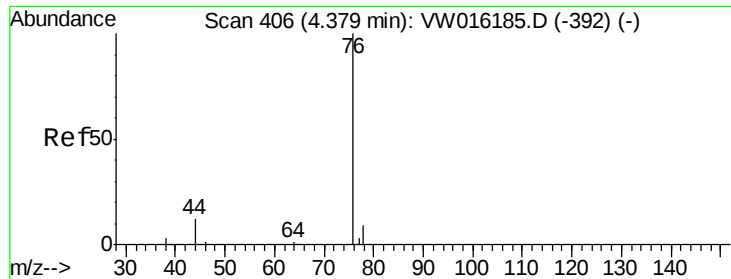
Ion	Ratio	Lower	Upper
43	100		
58	35.6	25.8	38.6



Abundance Ion 43.00 (42.70 to 43.70): VW

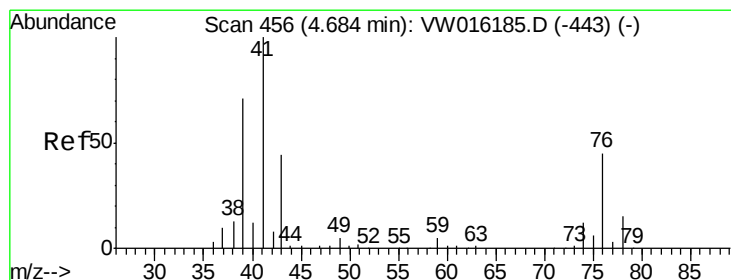
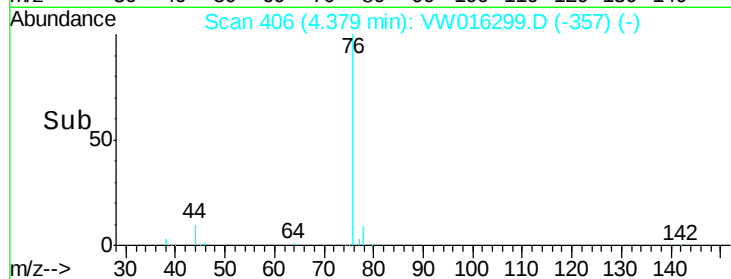
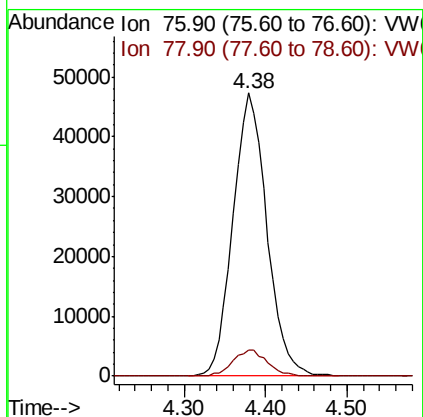
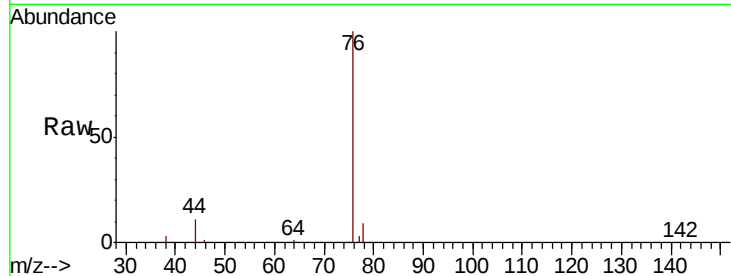
Ion 58.00 (57.70 to 58.70): VW





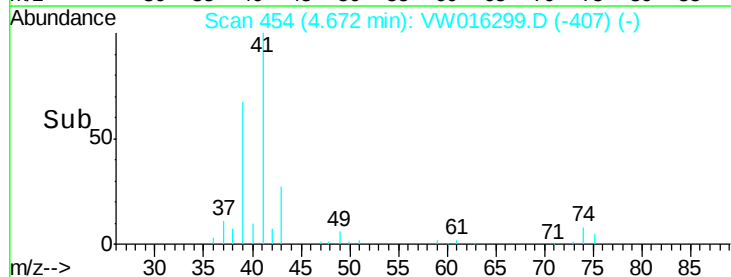
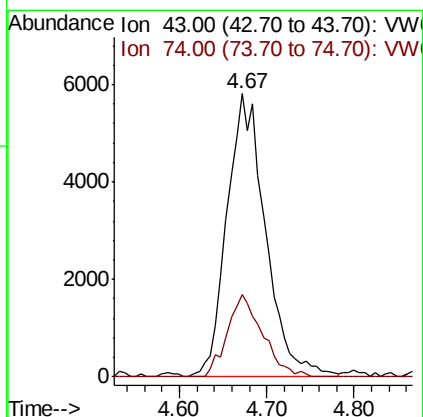
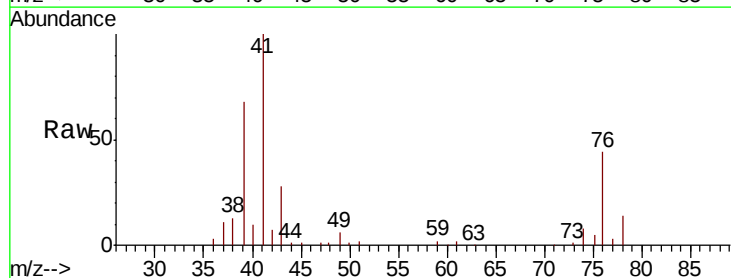
#17
Carbon Disulfide
Concen: 17.872 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

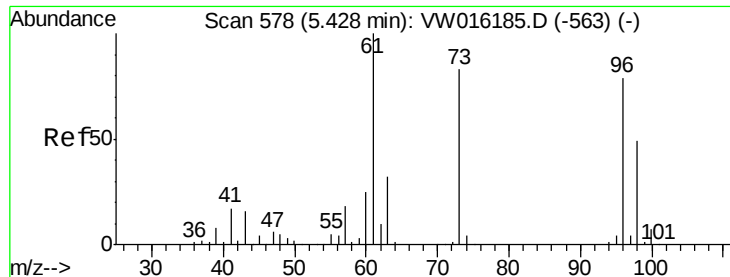
Tot Ion: 76 Resp: 136101
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 17.308 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

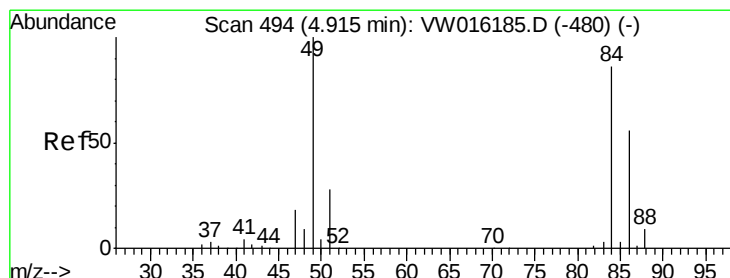
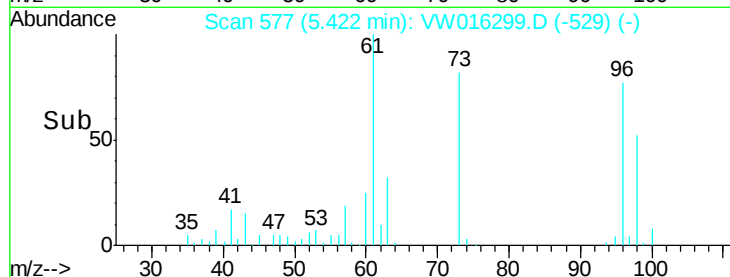
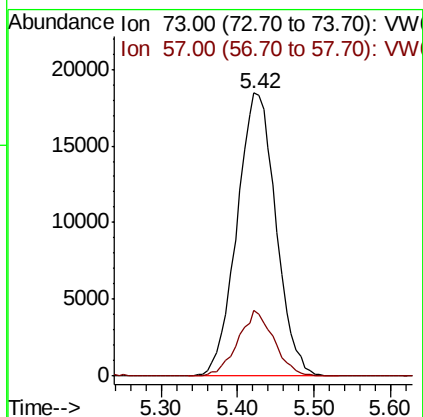
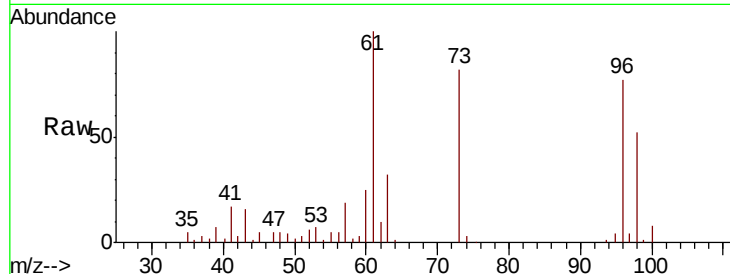
Tgt Ion: 43 Resp: 17838
Ion Ratio Lower Upper
43 100
74 26.5 20.6 31.0





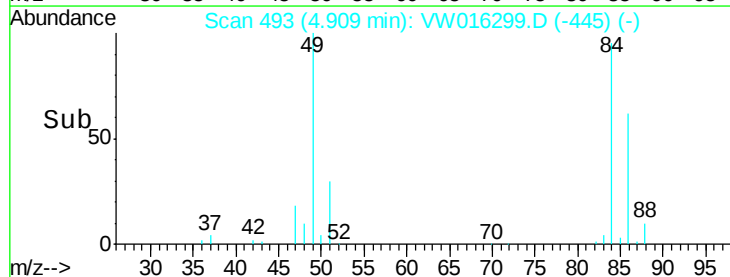
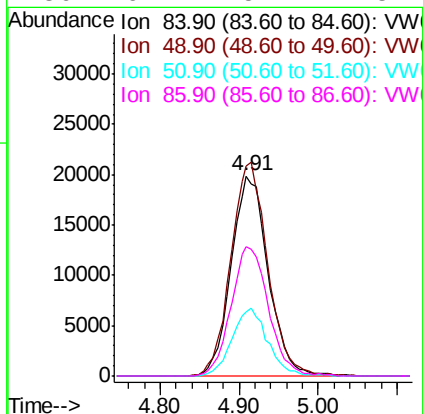
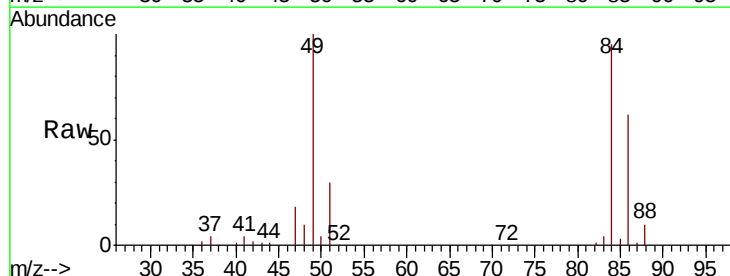
#19
Methvl tert-butvl Ether
Concen: 20.395 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

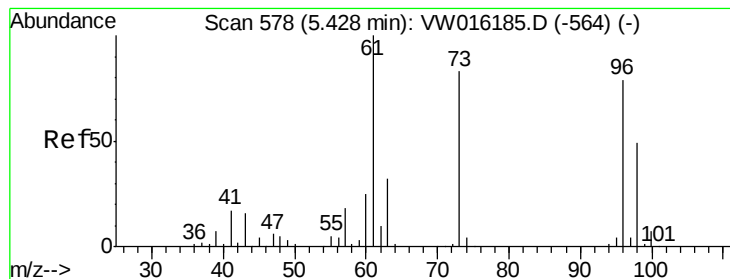
Tot Ion: 73 Resp: 65135
Ion Ratio Lower Upper
73 100
57 23.2 17.2 25.8



#20
Methylene Chloride
Concen: 20.664 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion: 84 Resp: 64781
Ion Ratio Lower Upper
84 100
49 105.1 93.4 140.2
51 31.9 26.6 40.0
86 64.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.429 ug/l

RT: 5.42 min Scan# 577

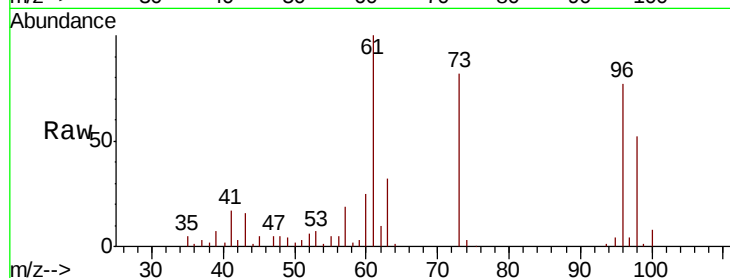
Delta R.T. -0.01 min

Lab File: VW016299.D

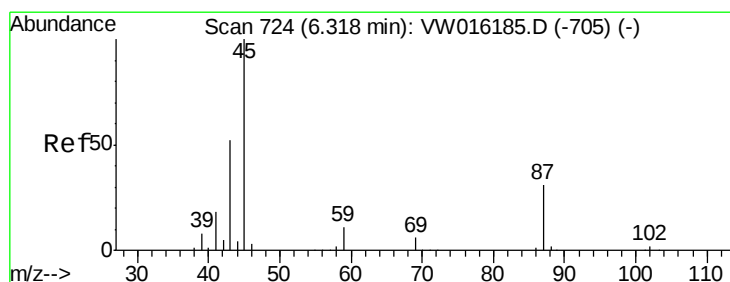
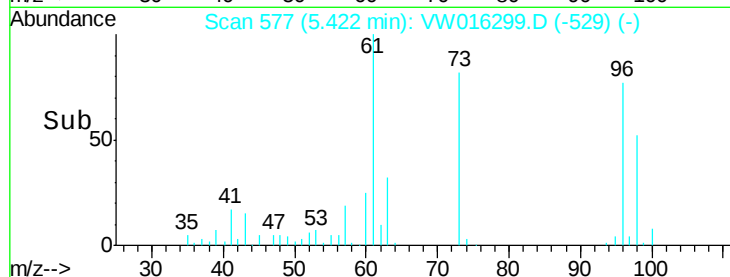
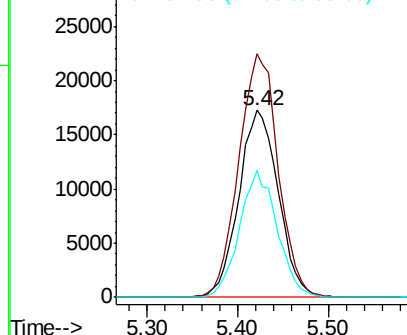
Acq: 21 Aug 2020 12:25

Tot Ion: 96 Resp: 52051

Ion	Ratio	Lower	Upper
96	100		
61	129.8	101.4	152.0
98	67.9	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: 19.002 ug/l

RT: 6.31 min Scan# 723

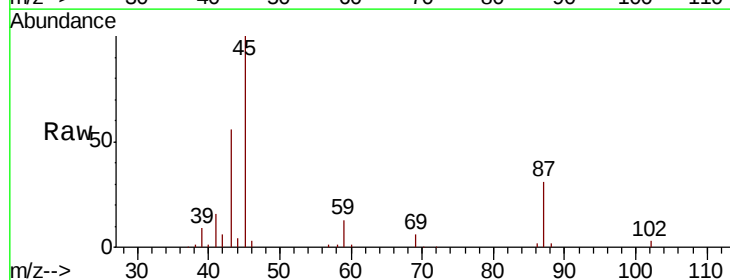
Delta R.T. -0.01 min

Lab File: VW016299.D

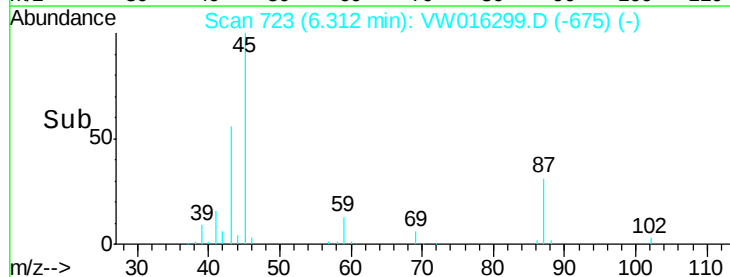
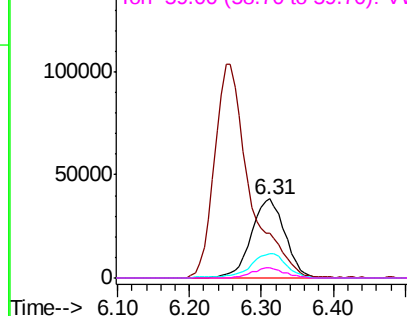
Acq: 21 Aug 2020 12:25

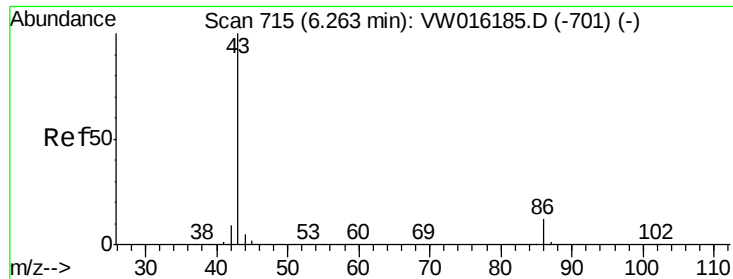
Tgt Ion: 45 Resp: 124484

Ion	Ratio	Lower	Upper
45	100		
43	55.4	41.7	62.5
87	31.4	25.0	37.6
59	12.5	9.2	13.8



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 93.042 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016299.D

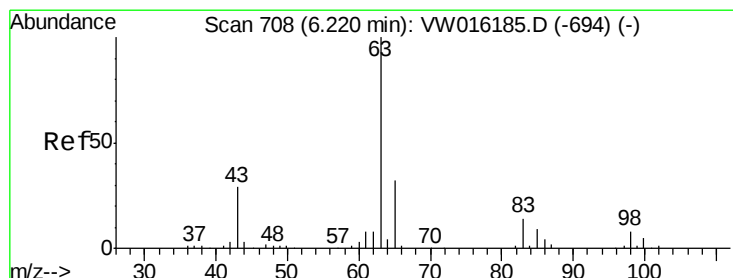
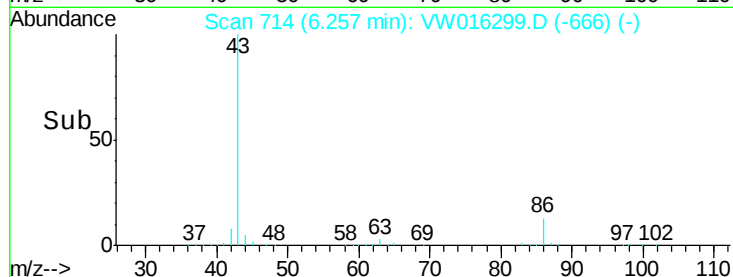
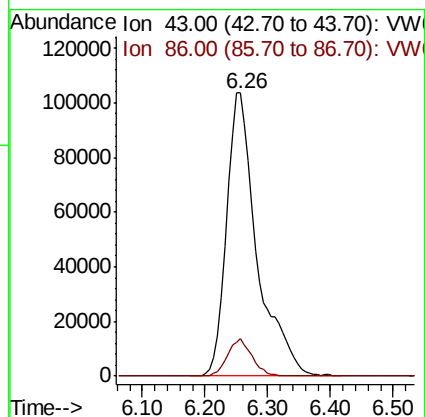
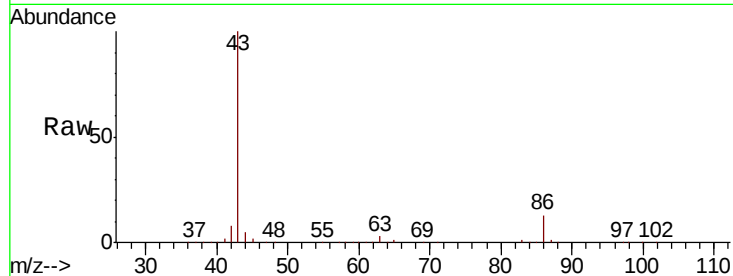
Acq: 21 Aug 2020 12:25

Tot Ion: 43 Resp: 349021

Ion Ratio Lower Upper

43 100

86 13.2 9.8 14.8



#24

1,1-Dichloroethane

Concen: 18.206 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

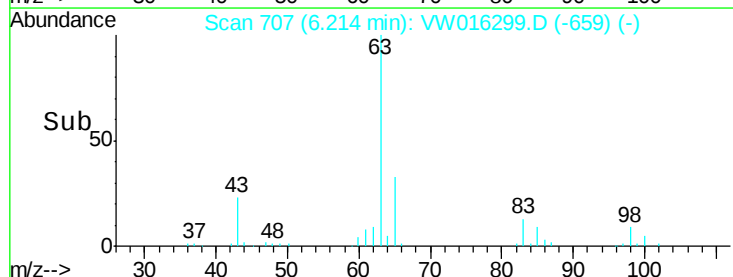
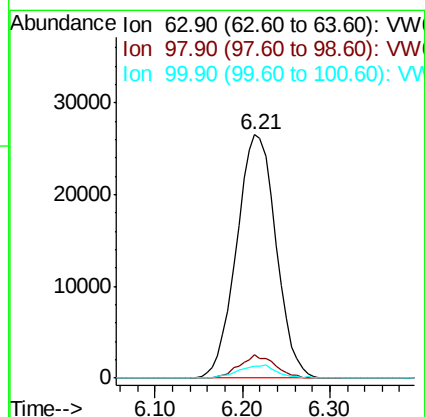
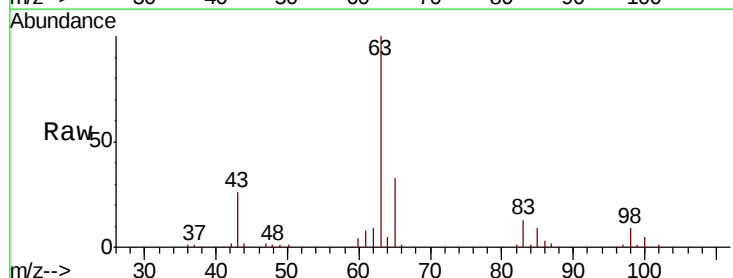
Tgt Ion: 63 Resp: 83243

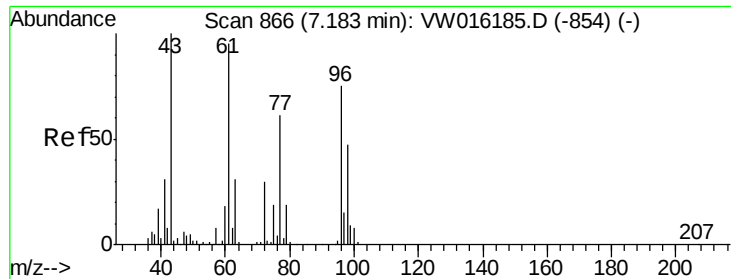
Ion Ratio Lower Upper

63 100

98 9.4 3.9 11.7

100 4.9 2.6 8.0





#25

2-Butanone

Concen: 84.641 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016299.D

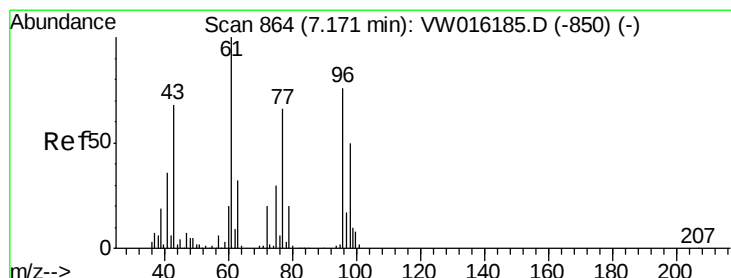
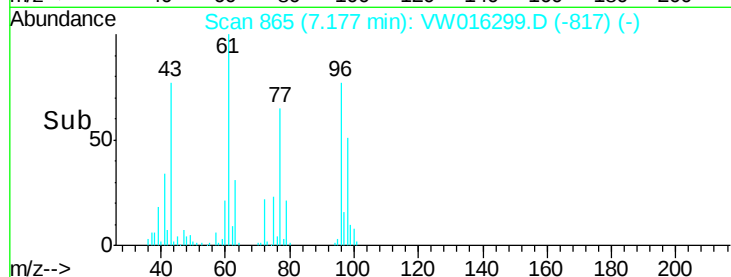
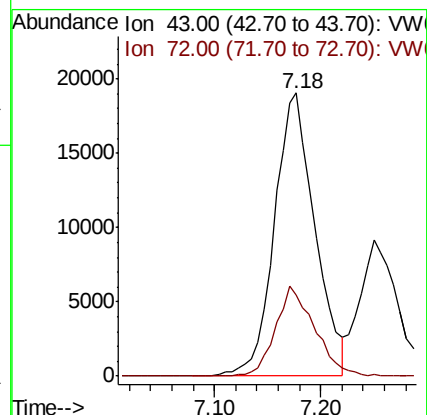
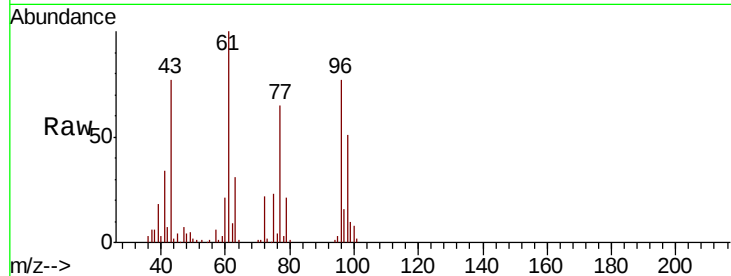
Acq: 21 Aug 2020 12:25

Tot Ion: 43 Resp: 50203

Ion Ratio Lower Upper

43 100

72 28.8 24.2 36.2



#26

2,2-Dichloropropane

Concen: 20.144 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016299.D

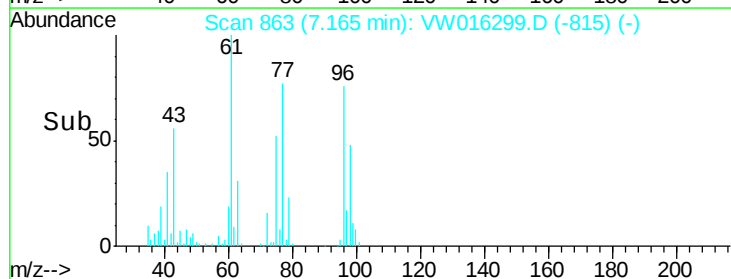
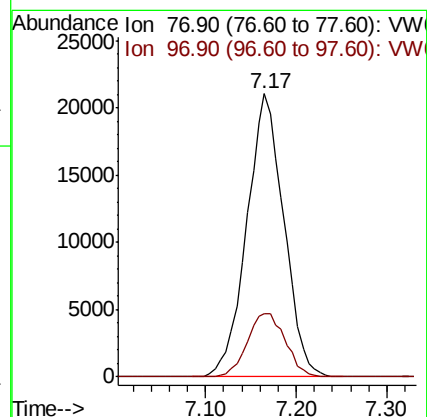
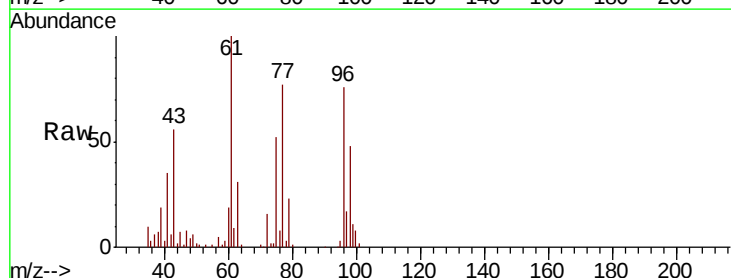
Acq: 21 Aug 2020 12:25

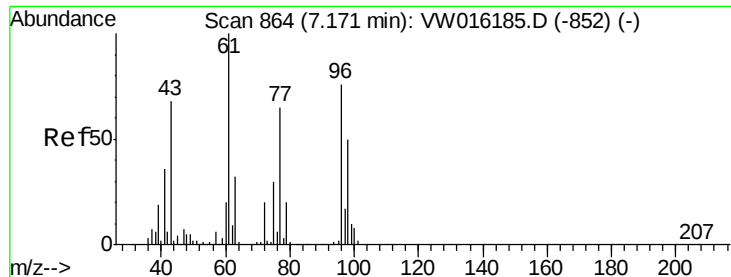
Tgt Ion: 77 Resp: 59497

Ion Ratio Lower Upper

77 100

97 22.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 19.514 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

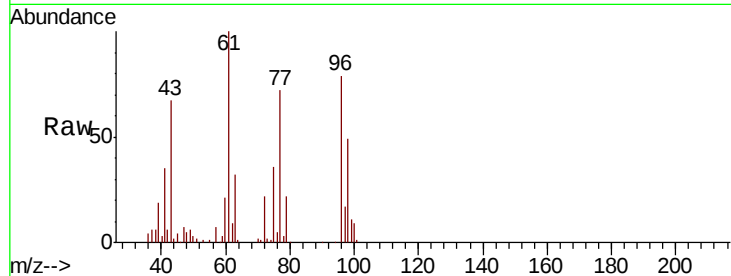
Tot Ion: 96 Resp: 56890

Ion Ratio Lower Upper

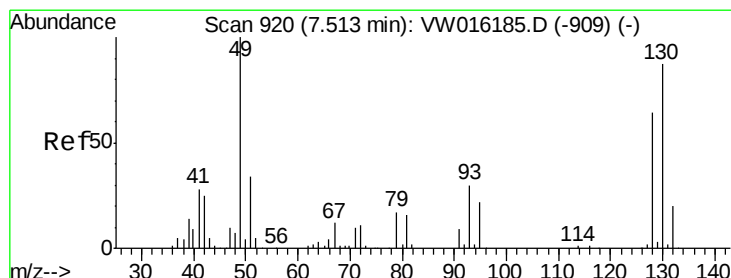
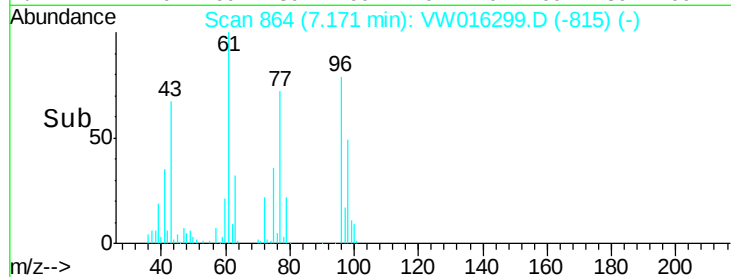
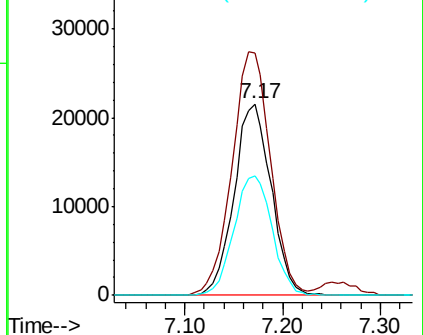
96 100

61 132.1 0.0 267.0

98 63.8 0.0 129.6



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



#28

Bromochloromethane

Concen: 18.696 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

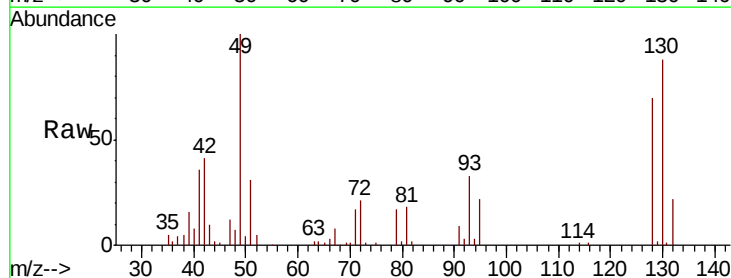
Tgt Ion: 49 Resp: 32433

Ion Ratio Lower Upper

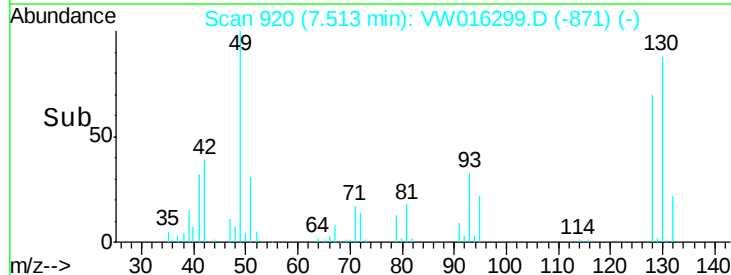
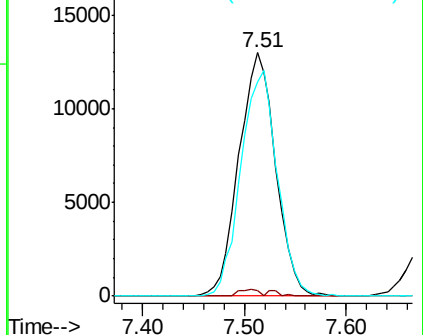
49 100

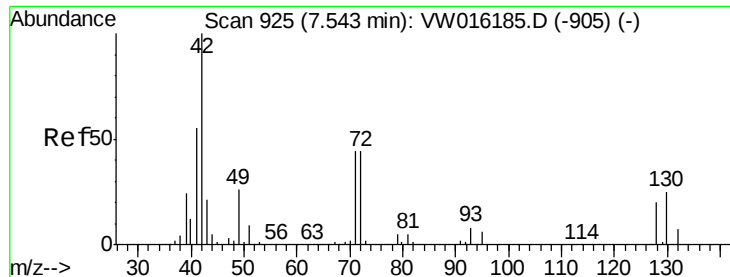
129 0.7 0.0 4.2

130 92.2 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: 89.110 ug/l

RT: 7.53 min Scan# 923

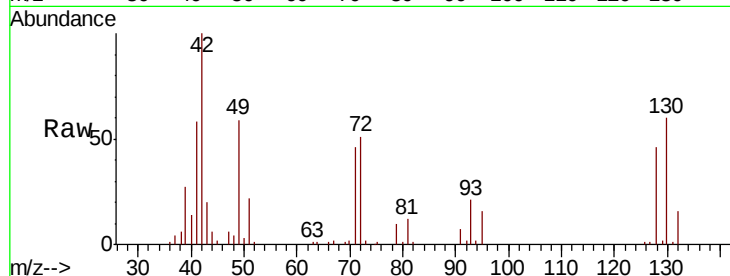
Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tot Ion: 42 Resp: 31594

Ion	Ratio	Lower	Upper
42	100		
72	49.3	37.4	56.2
71	45.5	35.6	53.4

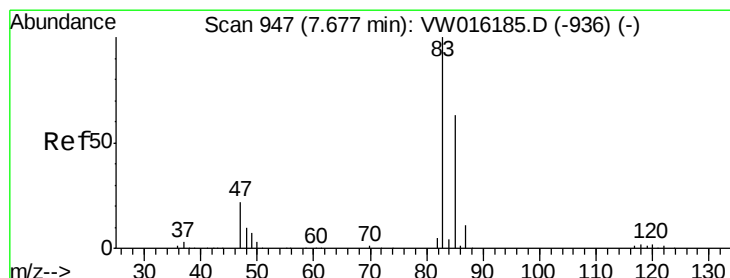
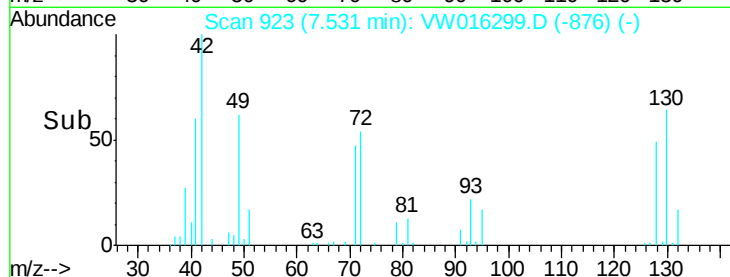
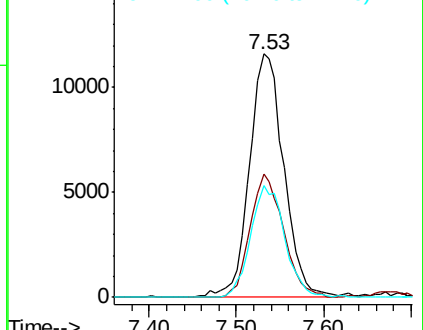


Abundance

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: 18.767 ug/l

RT: 7.68 min Scan# 947

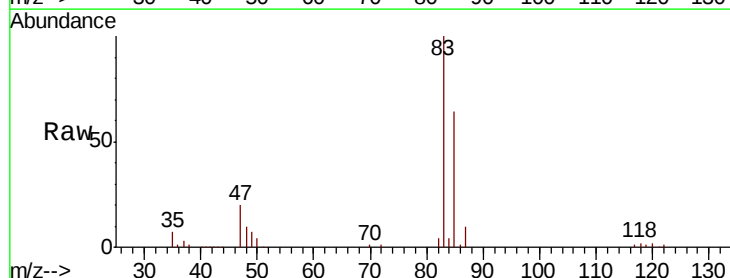
Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tgt Ion: 83 Resp: 89156

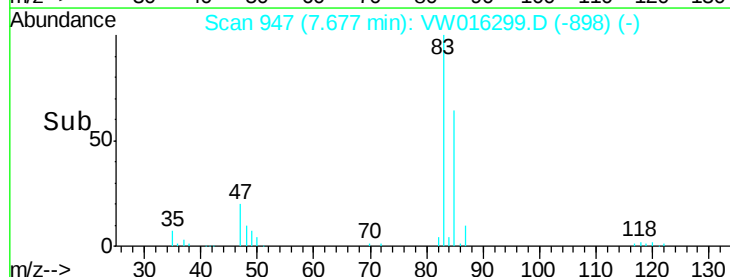
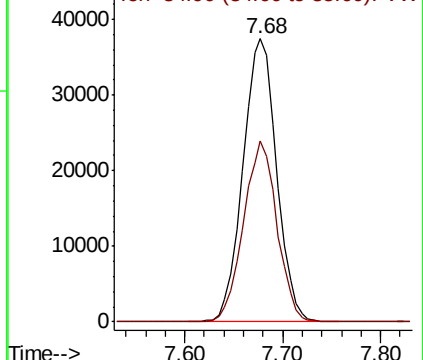
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.0	75.0

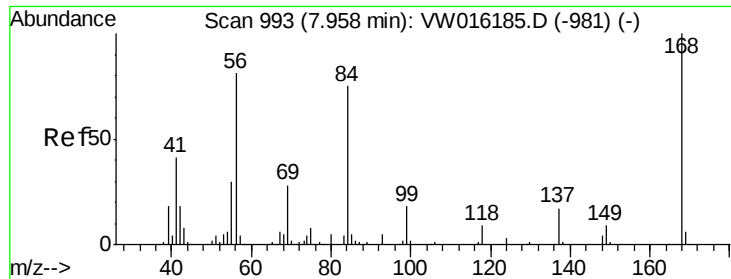


Abundance

Ion 82.90 (82.60 to 83.60): VW

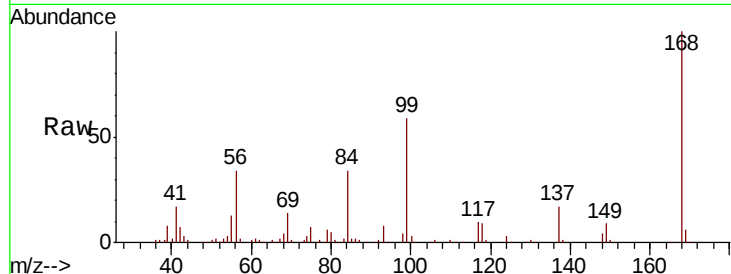
Ion 84.90 (84.60 to 85.60): VW



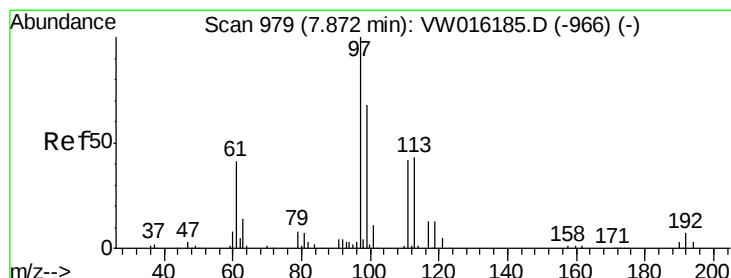
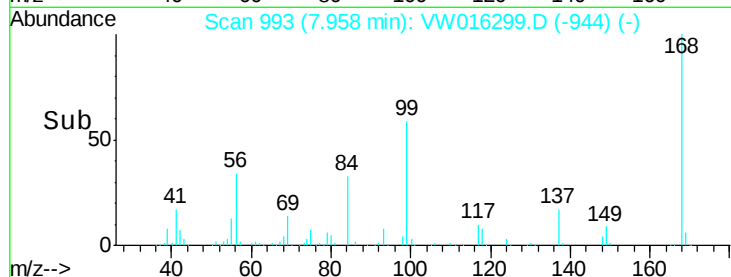
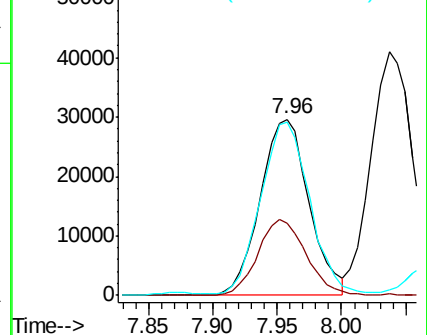


#31
Cyclohexane
Concen: 18.458 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.9	27.3	40.9
84	97.5	73.5	110.3

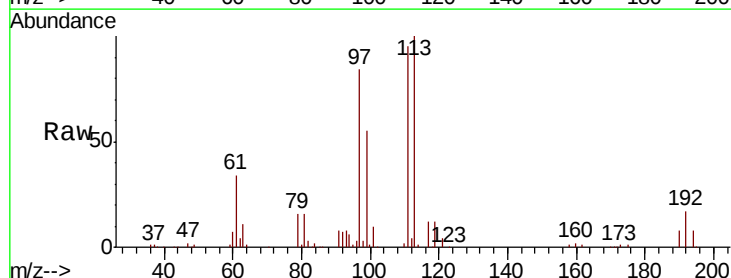


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

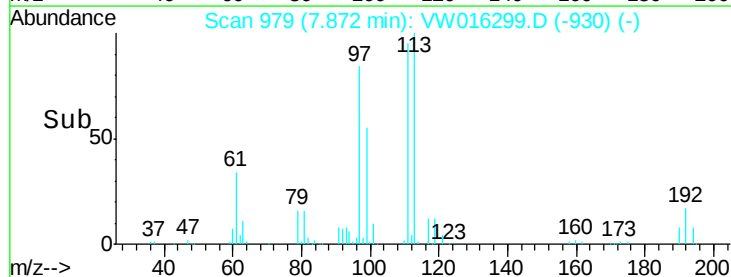
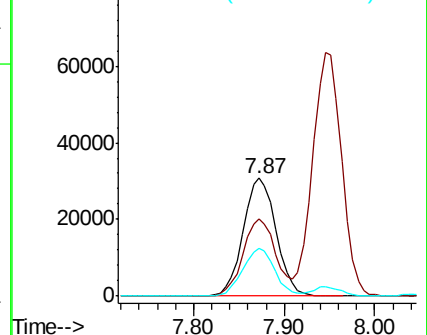


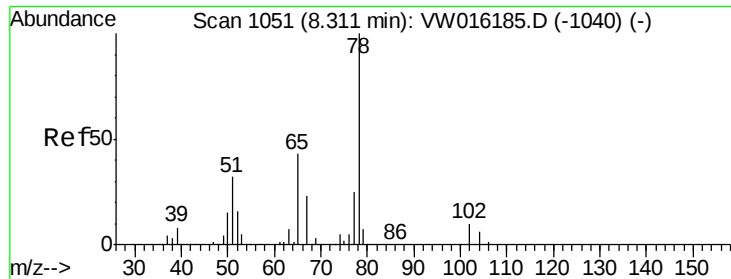
#32
1,1,1-Trichloroethane
Concen: 19.413 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.3	76.9
61	39.5	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: 48.096 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016299.D

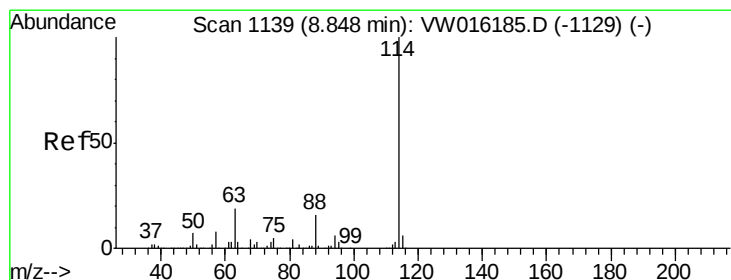
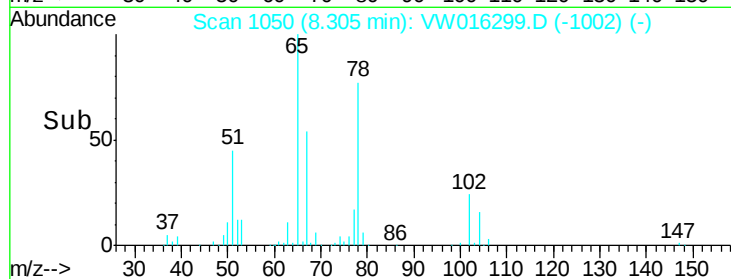
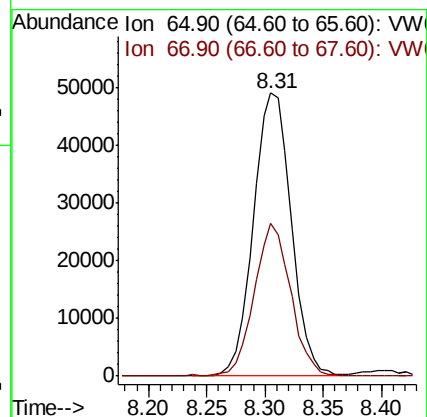
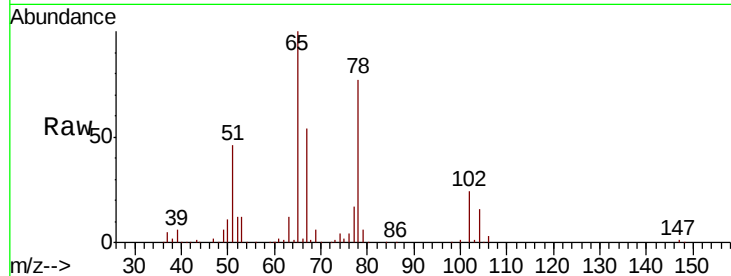
Acq: 21 Aug 2020 12:25

Tot Ion: 65 Resp: 111114

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

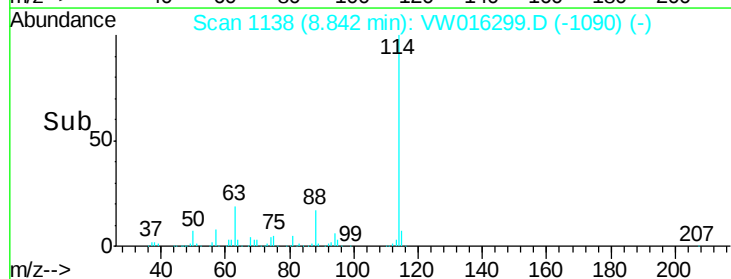
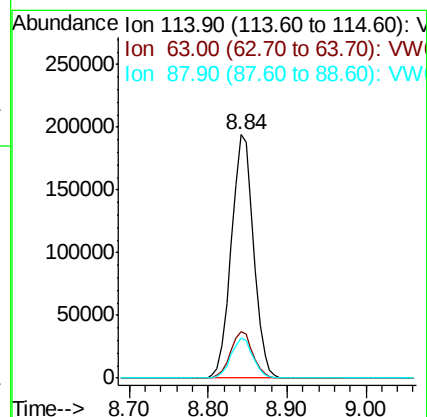
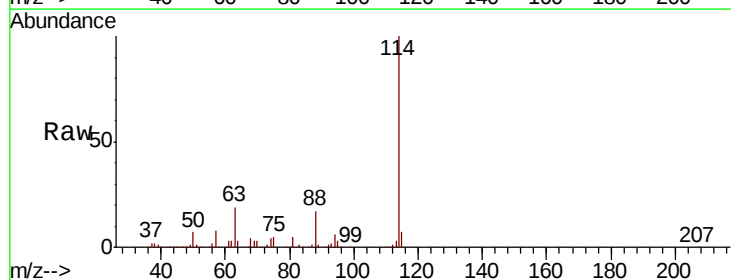
Tgt Ion: 114 Resp: 381298

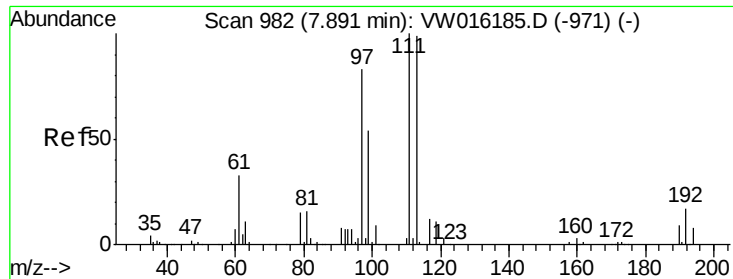
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.351 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

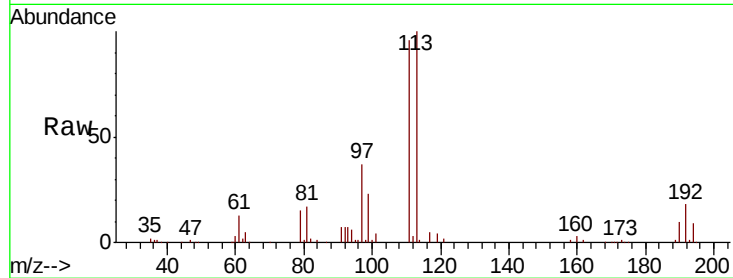
Tot Ion:113 Resp: 116104

Ion Ratio Lower Upper

113 100

111 102.0 83.5 125.3

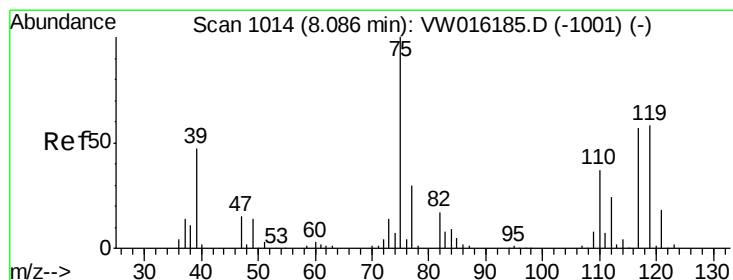
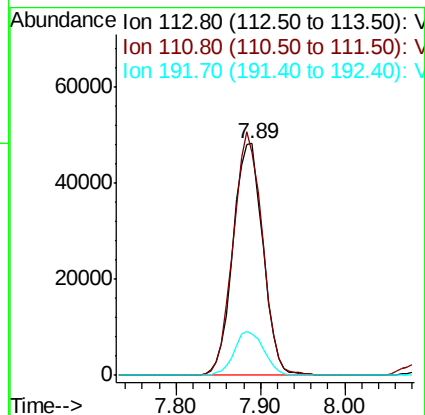
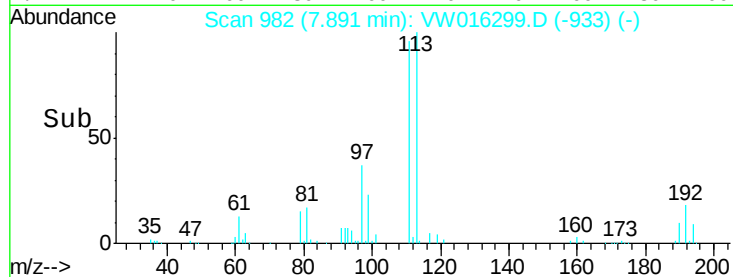
192 18.9 14.3 21.5



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: 19.240 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

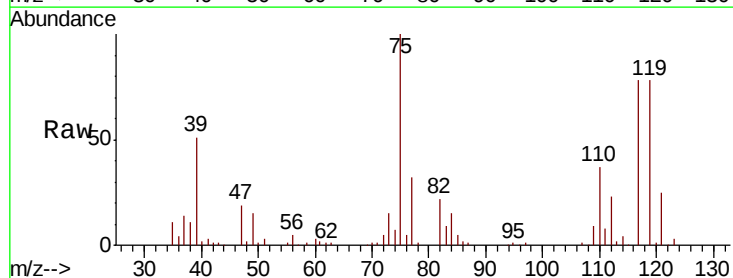
Tgt Ion: 75 Resp: 72273

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.3

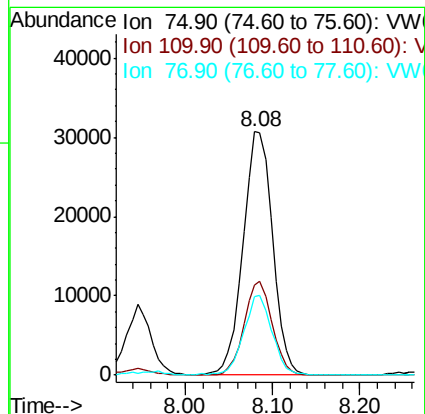
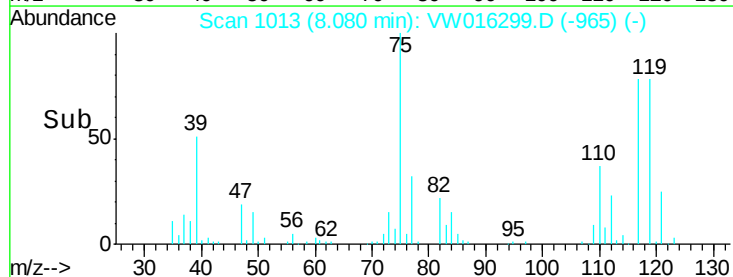
77 31.4 24.7 37.1

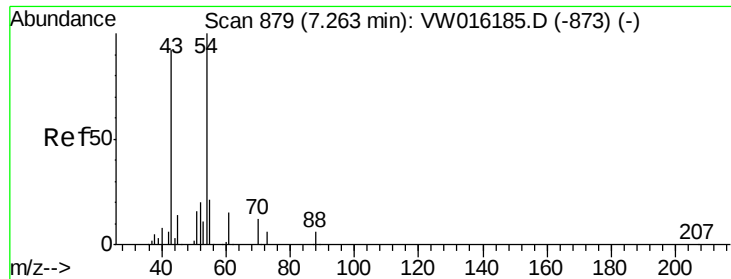


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

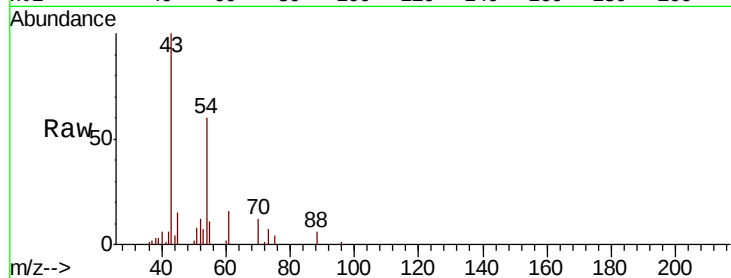
Ion 76.90 (76.60 to 77.60): VW



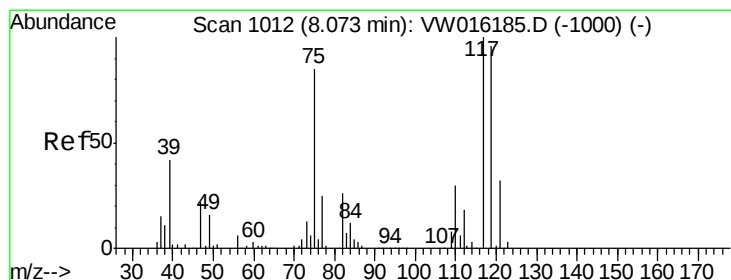
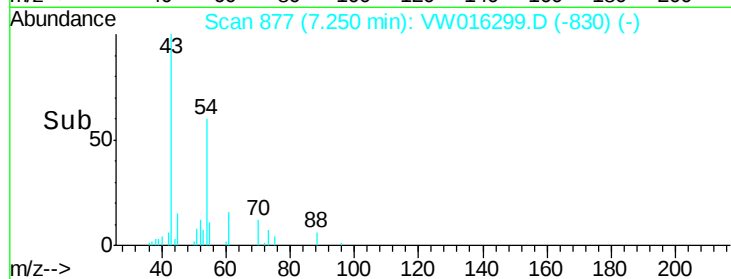
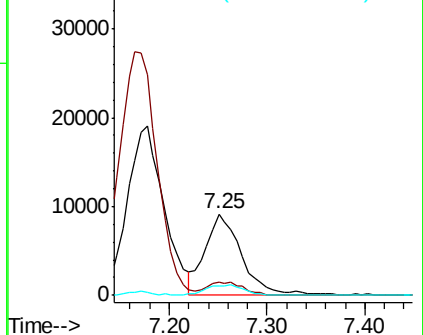


#37
Ethyl Acetate
Concen: 18.483 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tot Ion: 43 Resp: 23804
Ion Ratio Lower Upper
43 100
61 16.2 12.6 18.8
70 13.6 9.8 14.8

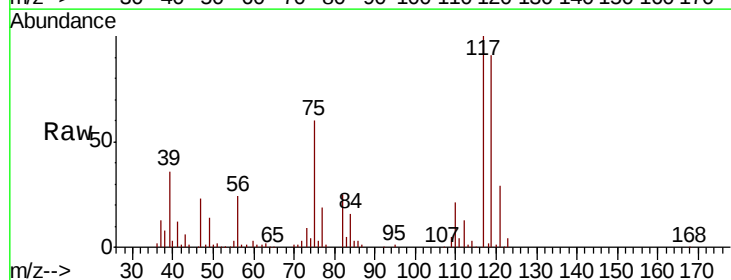


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

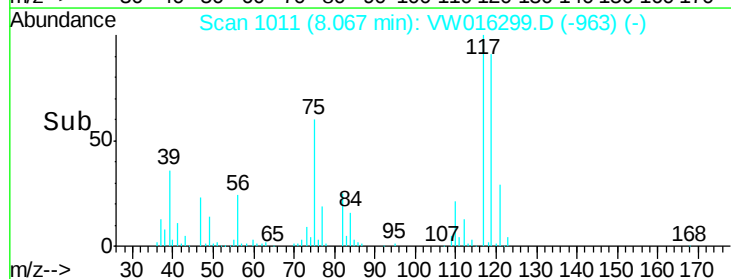
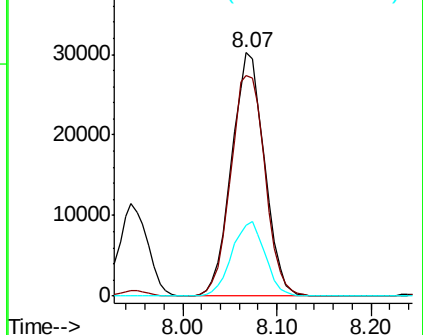


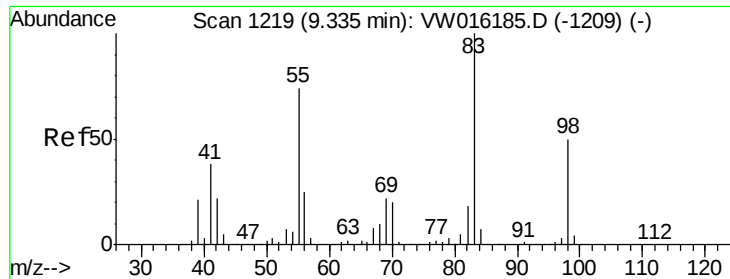
#38
Carbon Tetrachloride
Concen: 19.596 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion: 117 Resp: 73456
Ion Ratio Lower Upper
117 100
119 90.6 76.6 115.0
121 28.9 25.4 38.0



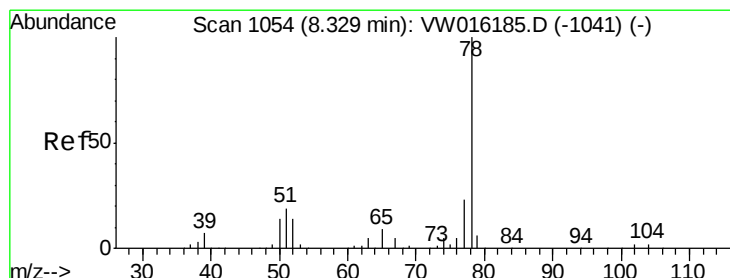
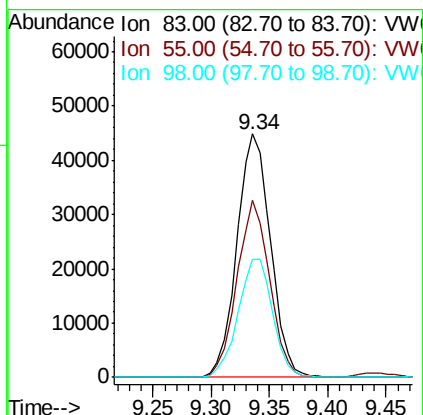
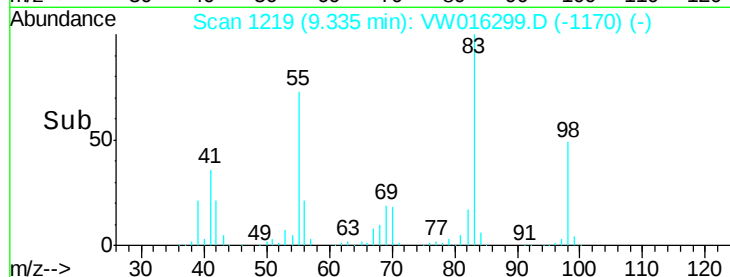
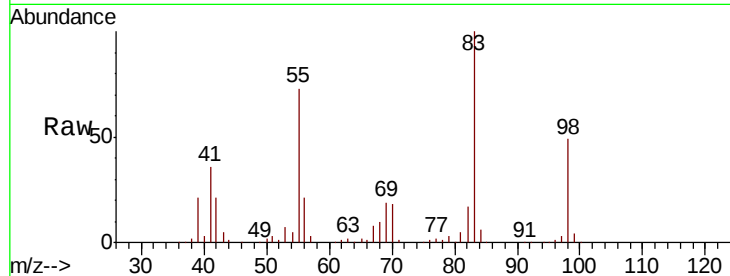
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





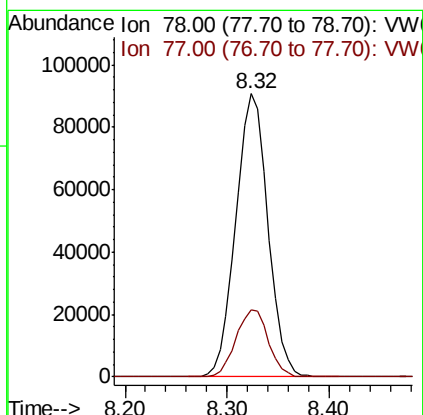
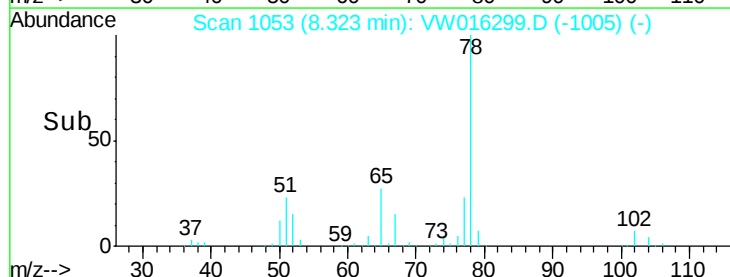
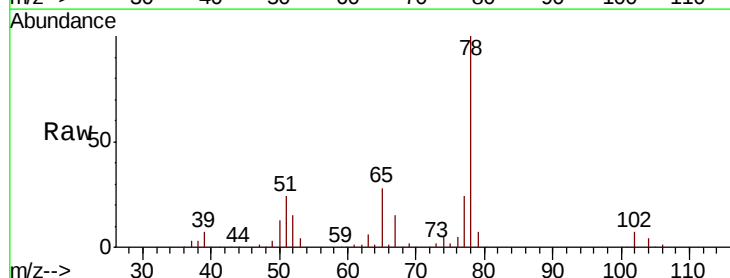
#39
Methvlcvclohexane
Concen: 19.965 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

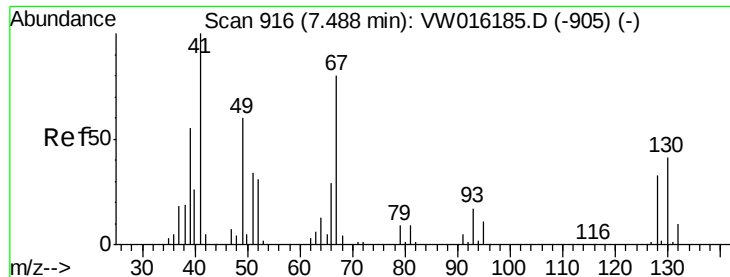
Tot Ion: 83 Resp: 90333
Ion Ratio Lower Upper
83 100
55 72.7 59.2 88.8
98 48.8 40.2 60.2



#40
Benzene
Concen: 18.760 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion: 78 Resp: 198246
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0





#41

Methacrylonitrile

Concen: 18.550 ug/l

RT: 7.49 min Scan# 916

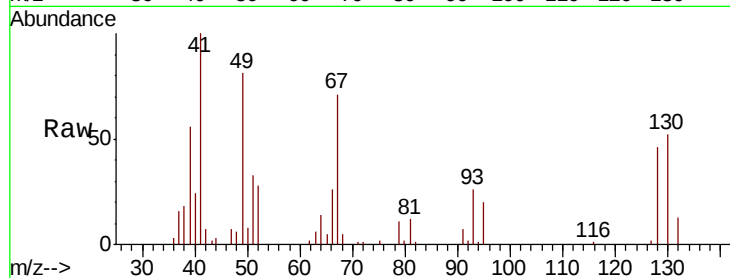
Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tot Ion: 41 Resp: 13635

Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.4	65.2
67	80.4	61.5	92.3
52	32.6	24.3	36.5



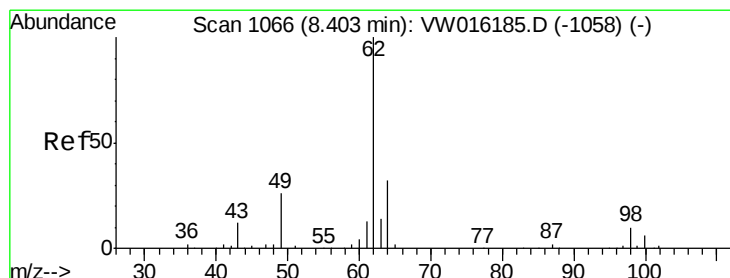
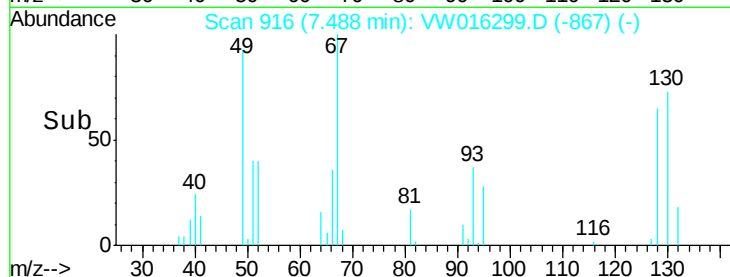
Abundance

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: 19.397 ug/l

RT: 8.40 min Scan# 1066

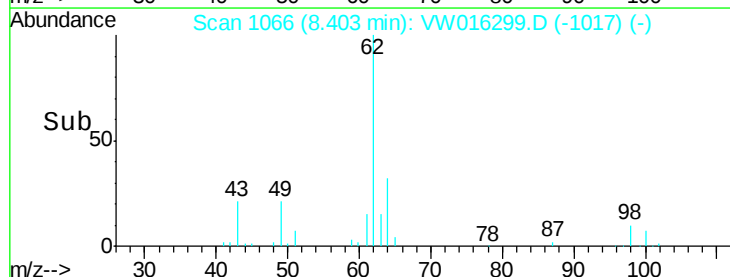
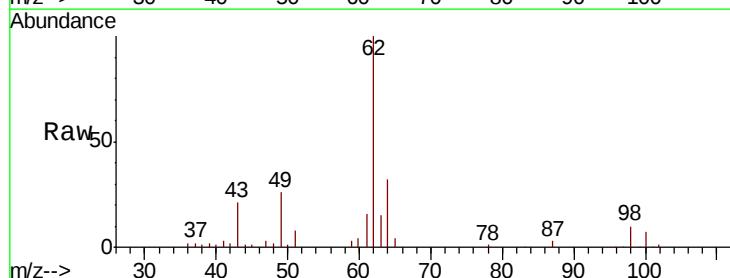
Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tgt Ion: 62 Resp: 54135

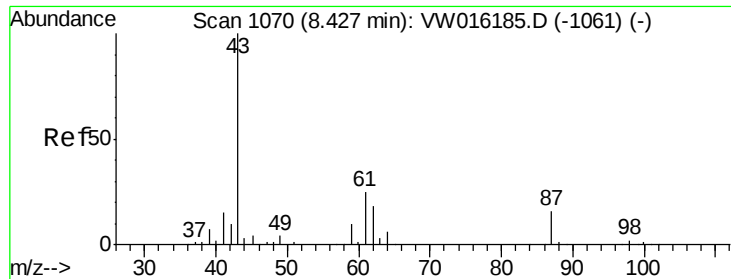
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.8



Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#43

Isopropyl Acetate

Concen: 18.613 ug/l

RT: 8.43 min Scan# 1070

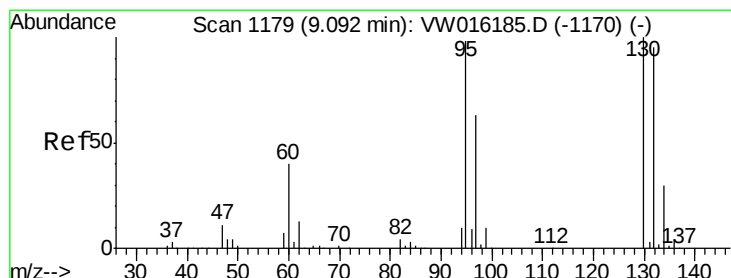
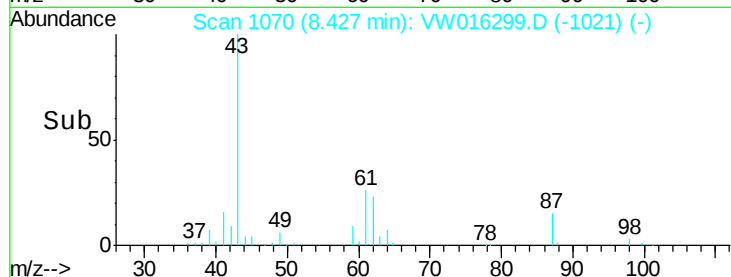
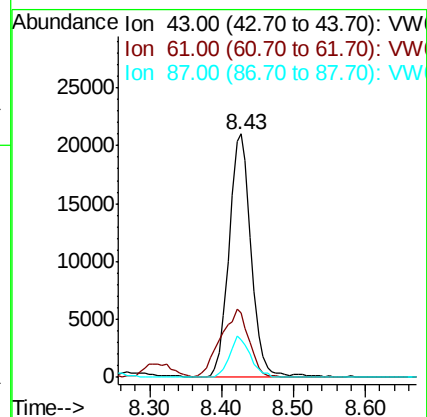
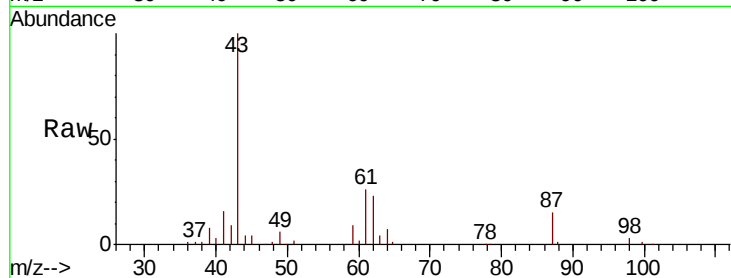
Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tot Ion: 43 Resp: 45099

Ion	Ratio	Lower	Upper
43	100		
61	35.8	26.9	40.3
87	15.8	12.0	18.0



#44

Trichloroethene

Concen: 18.886 ug/l

RT: 9.09 min Scan# 1179

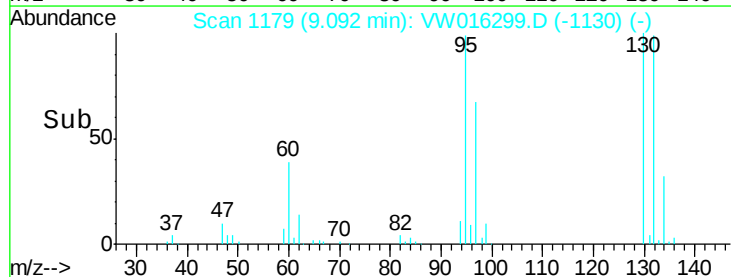
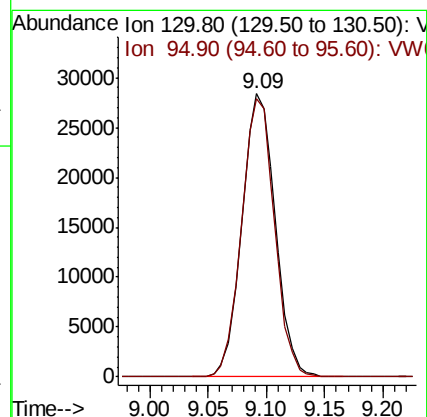
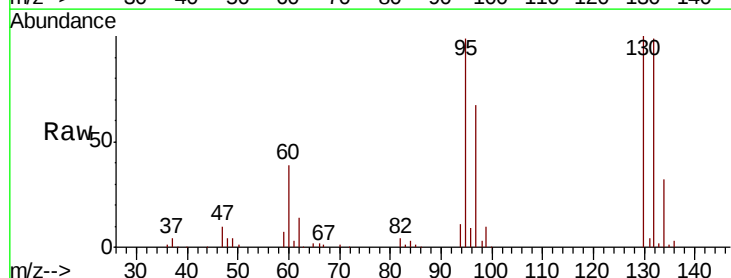
Delta R.T. 0.00 min

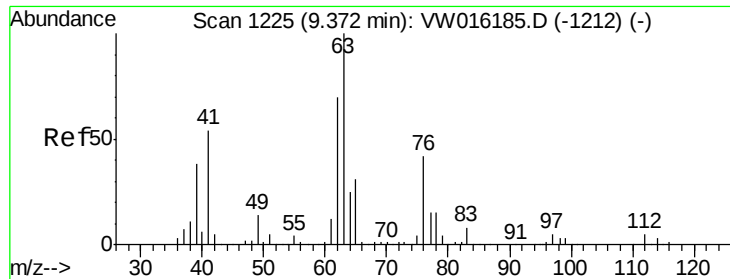
Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tgt Ion: 130 Resp: 56524

Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	196.4





#45

1,2-Dichloropropane

Concen: 18.610 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016299.D

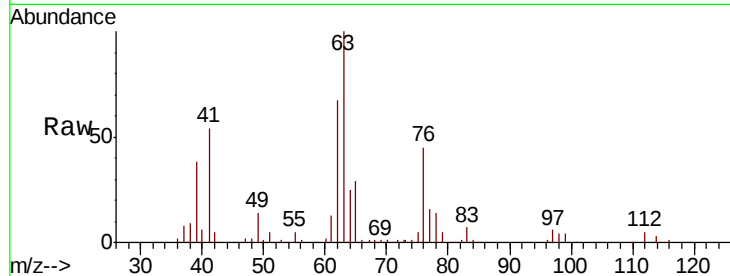
Acq: 21 Aug 2020 12:25

Tot Ion: 63 Resp: 46358

Ion Ratio Lower Upper

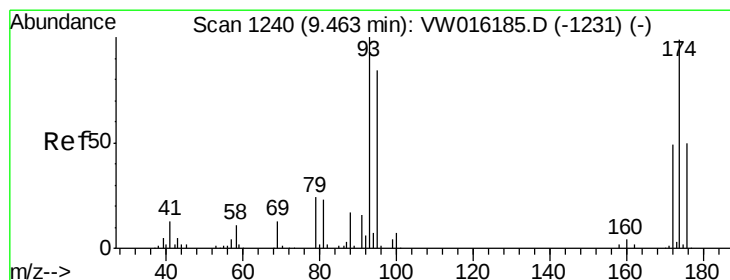
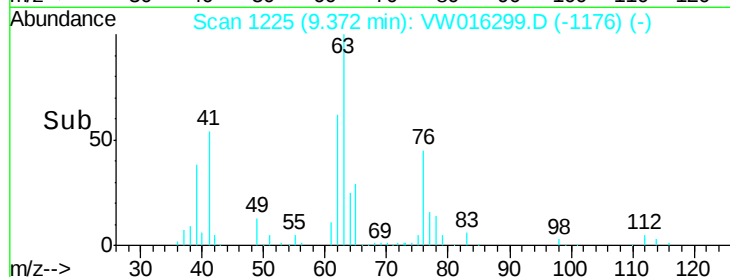
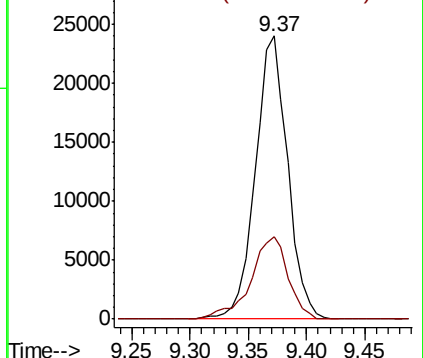
63 100

65 29.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 18.716 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

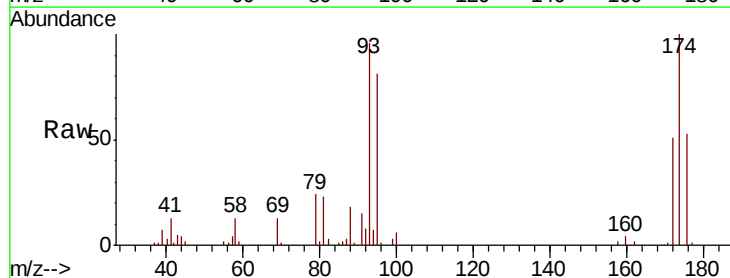
Tgt Ion: 93 Resp: 24476

Ion Ratio Lower Upper

93 100

95 86.2 65.9 98.9

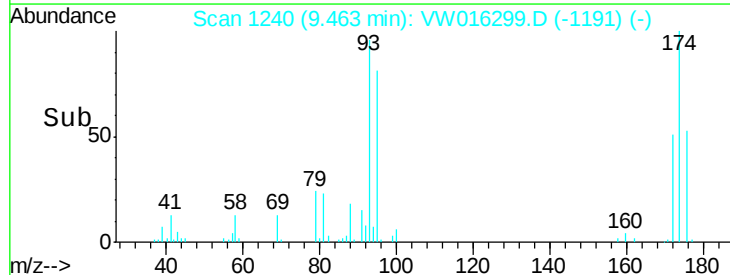
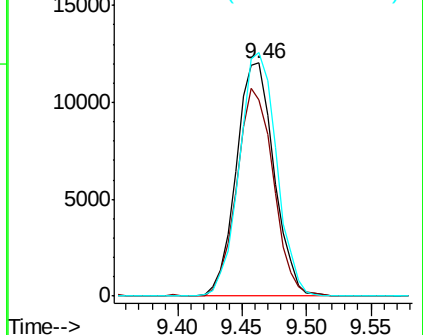
174 102.8 77.0 115.6

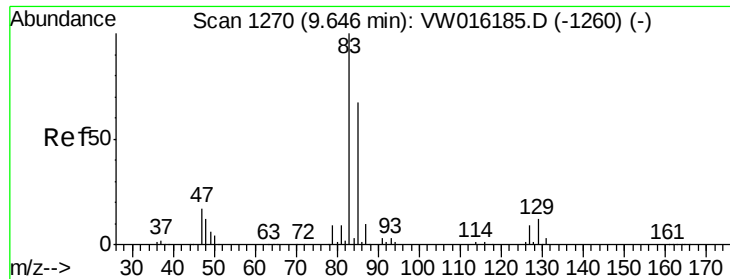


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.175 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

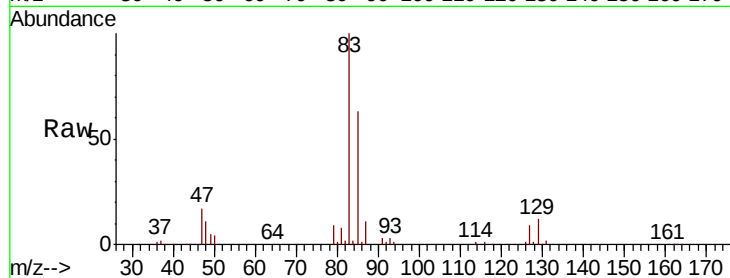
Tot Ion: 83 Resp: 64790

Ion Ratio Lower Upper

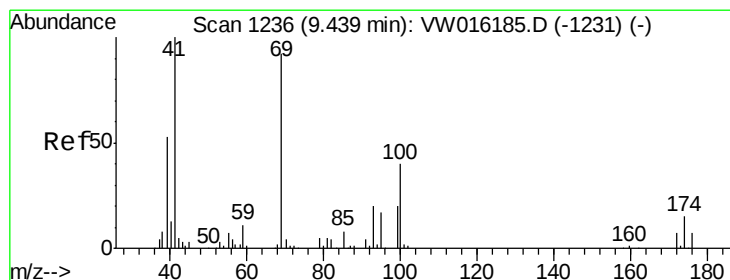
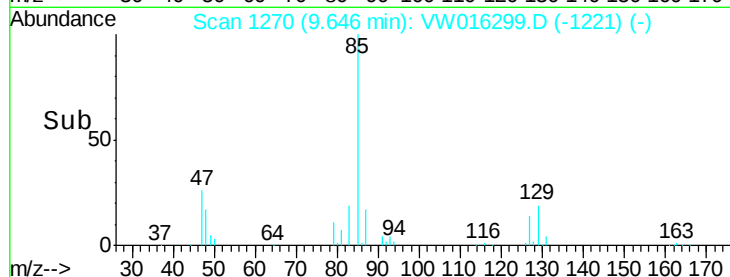
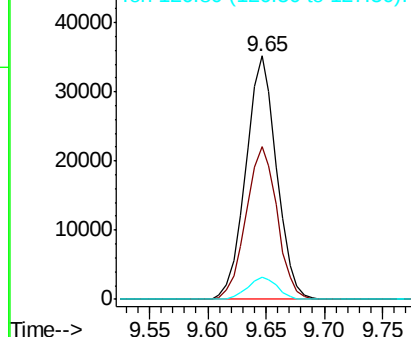
83 100

85 62.7 53.3 79.9

127 9.0 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: 19.552 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

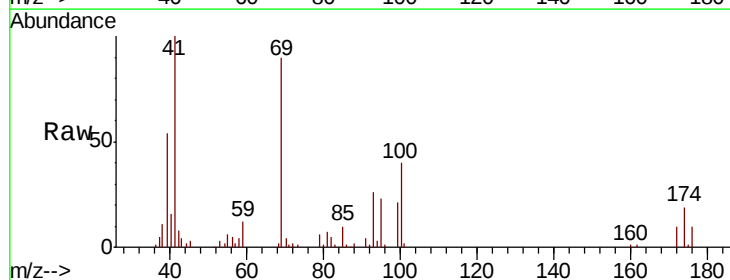
Tgt Ion: 41 Resp: 22023

Ion Ratio Lower Upper

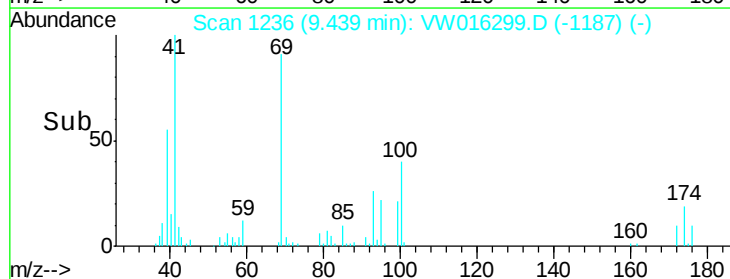
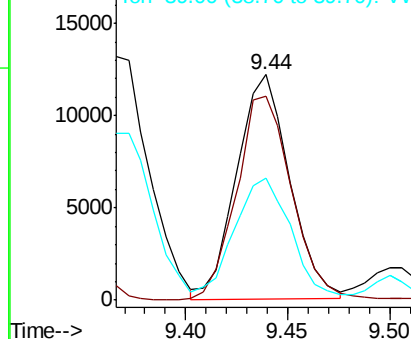
41 100

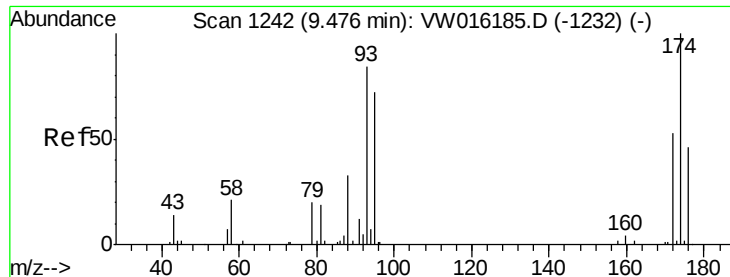
69 95.5 77.4 116.0

39 53.6 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: 393.381 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

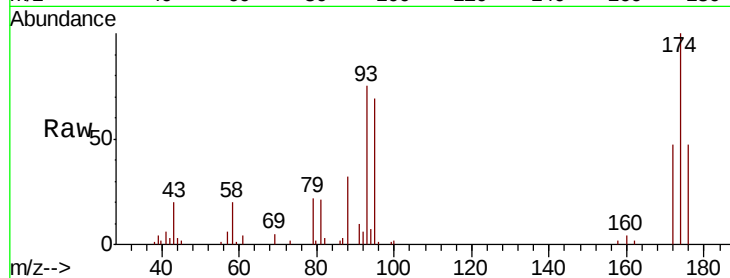
Tot Ion: 88 Resp: 6478

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

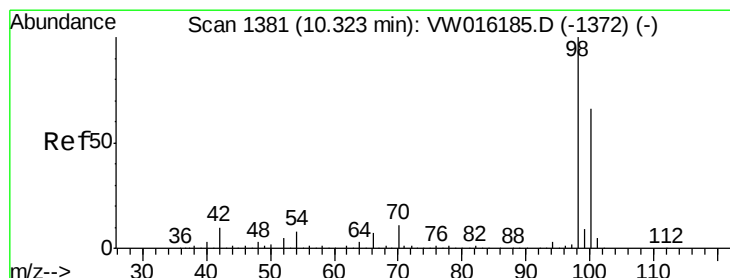
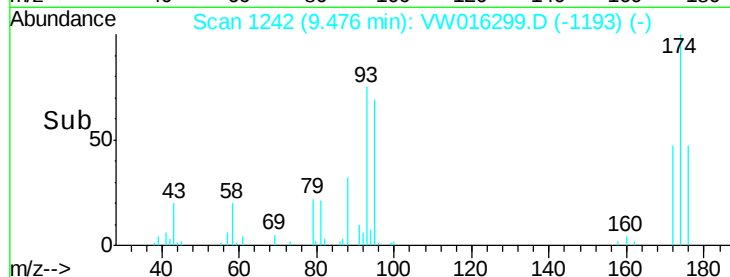
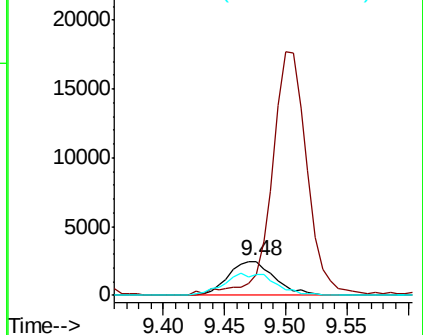
58 71.1 56.6 84.8



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: 50.061 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016299.D

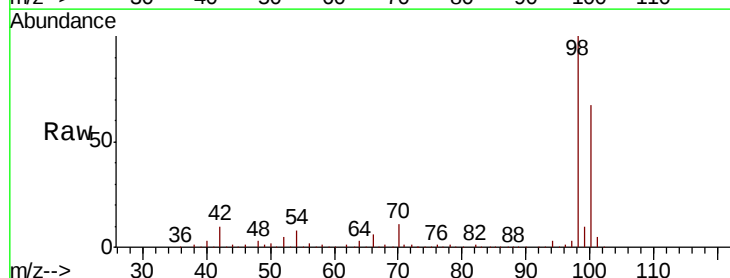
Acq: 21 Aug 2020 12:25

Tgt Ion: 98 Resp: 455889

Ion Ratio Lower Upper

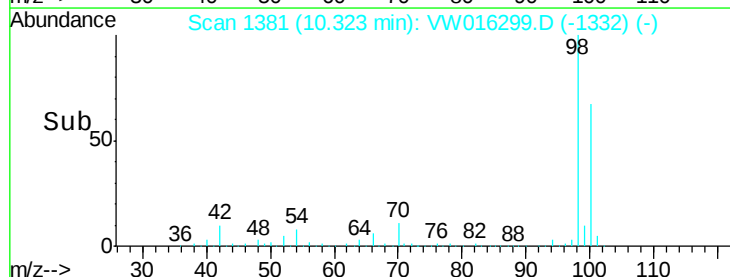
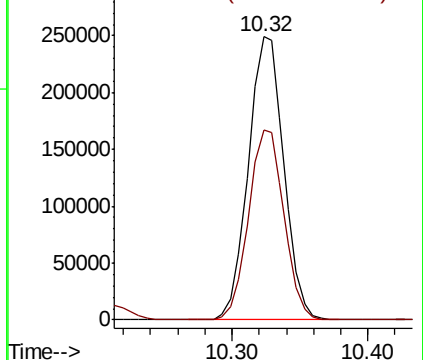
98 100

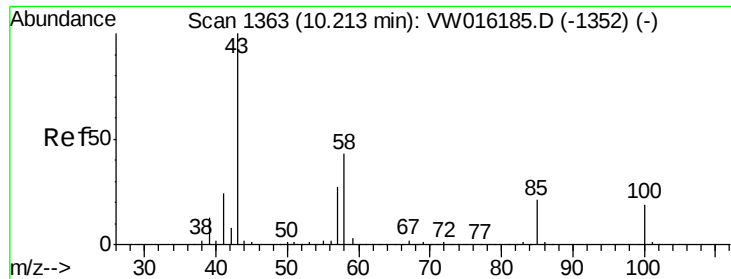
100 66.9 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

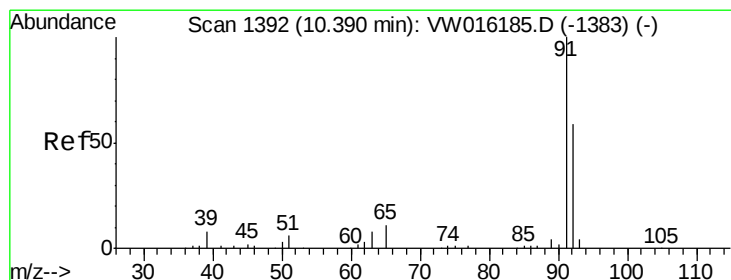
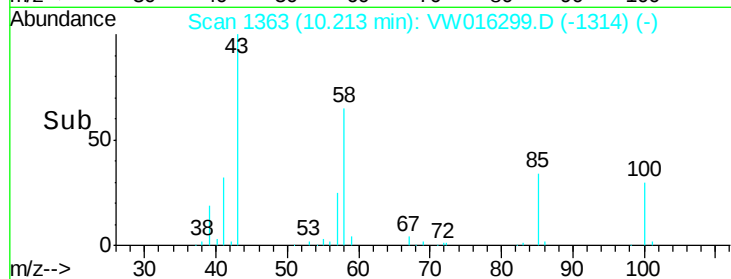
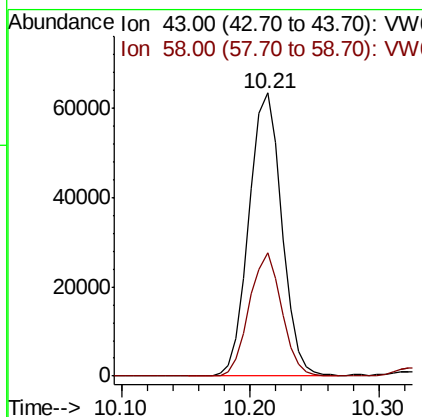
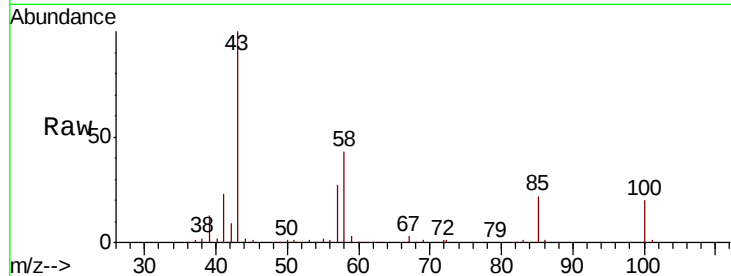
Ion 100.00 (99.70 to 100.70): VW





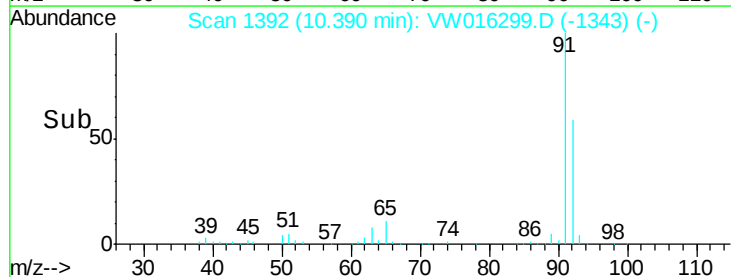
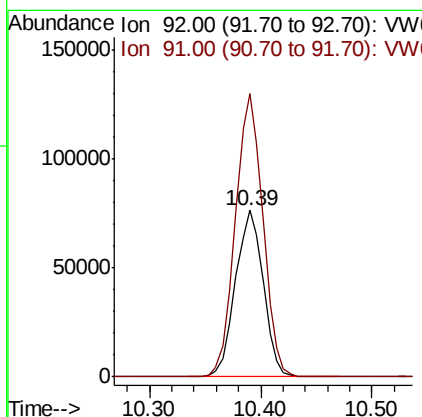
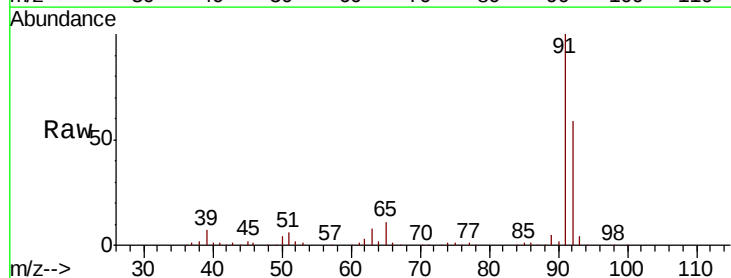
#51
 4-Methyl-2-Pentanone
 Concen: 91.218 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

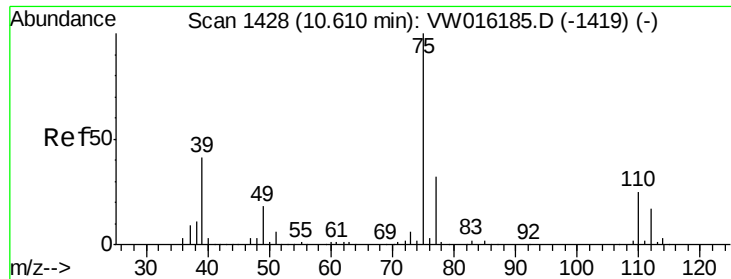
Tot Ion: 43 Resp: 111784
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.7 50.5



#52
 Toluene
 Concen: 19.510 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

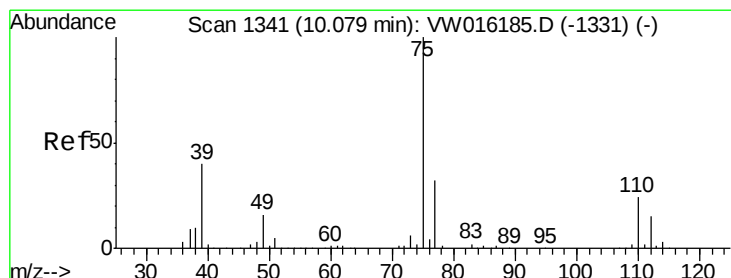
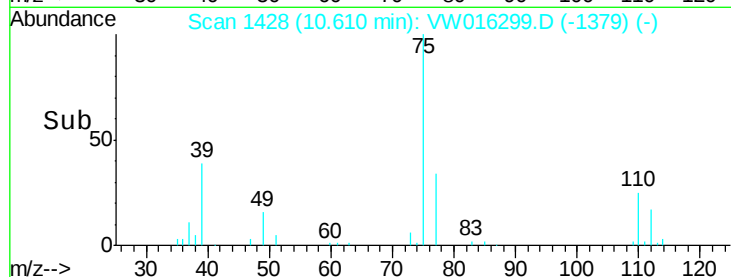
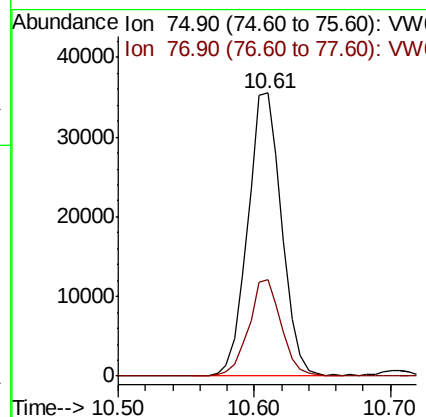
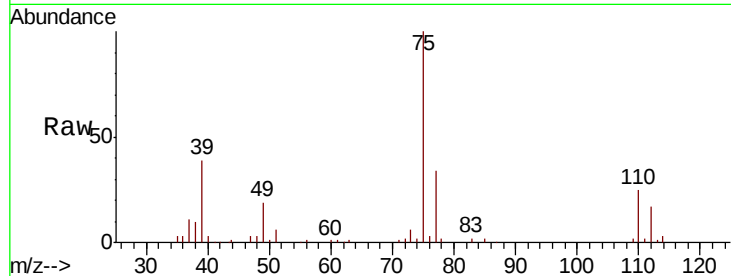
Tgt Ion: 92 Resp: 132017
 Ion Ratio Lower Upper
 92 100
 91 167.9 133.3 199.9





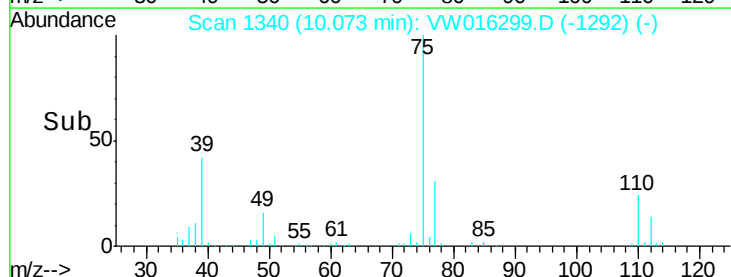
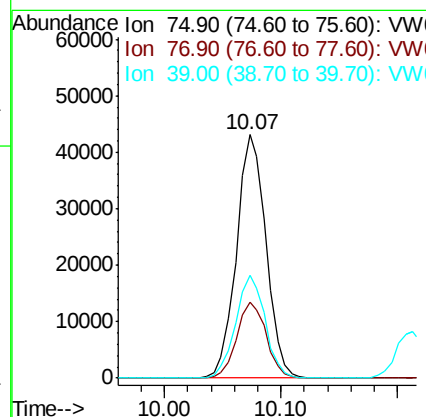
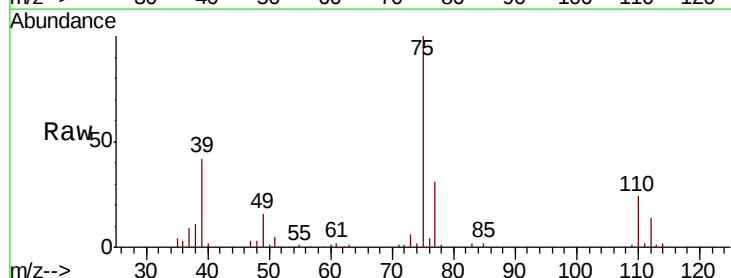
#53
t-1,3-Dichloropropene
Concen: 19.801 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

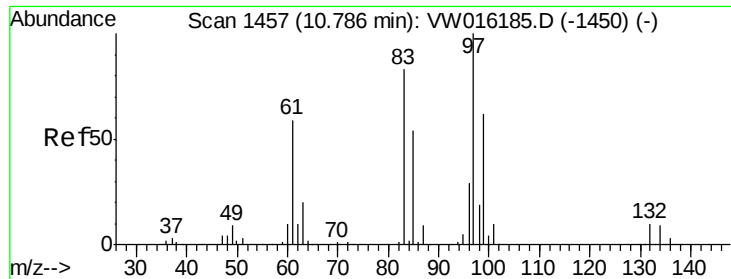
Tot Ion: 75 Resp: 61948
Ion Ratio Lower Upper
75 100
77 33.9 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.509 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

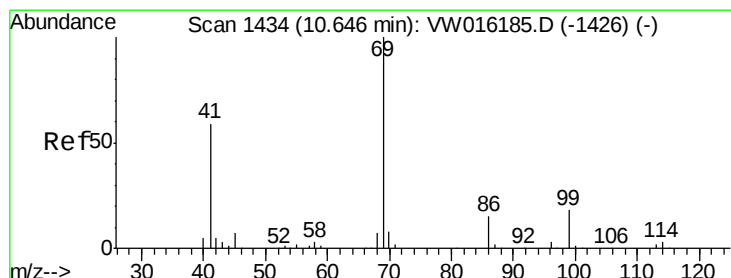
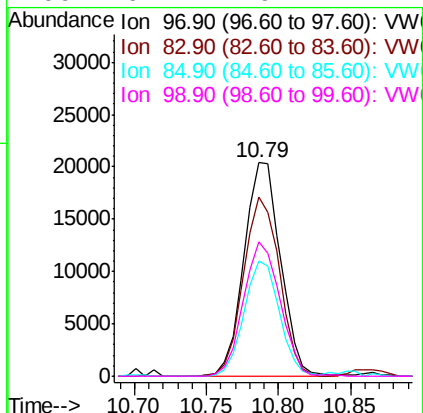
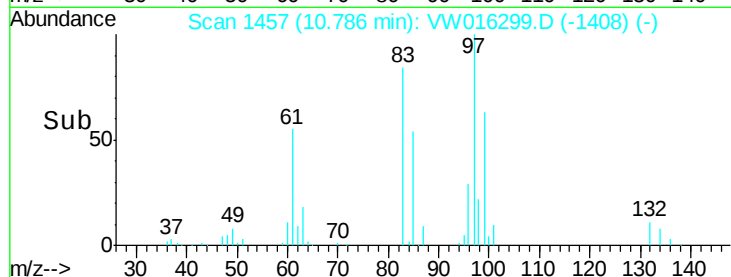
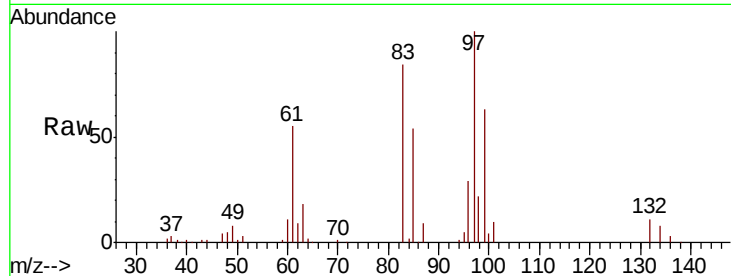
Tgt Ion: 75 Resp: 75855
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 42.1 32.3 48.5





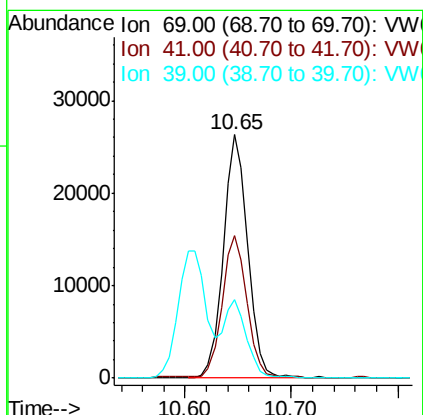
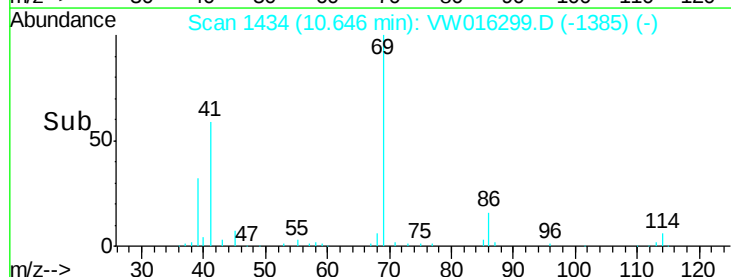
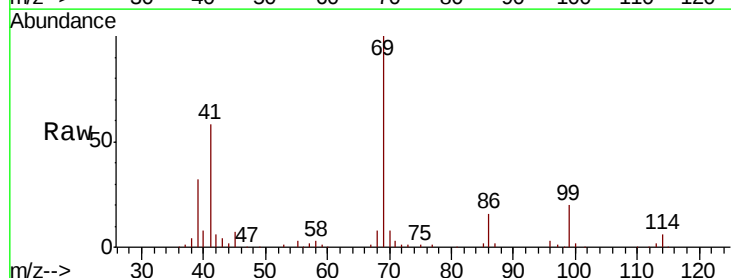
#55
 1,1,2-Trichloroethane
 Concen: 19.107 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

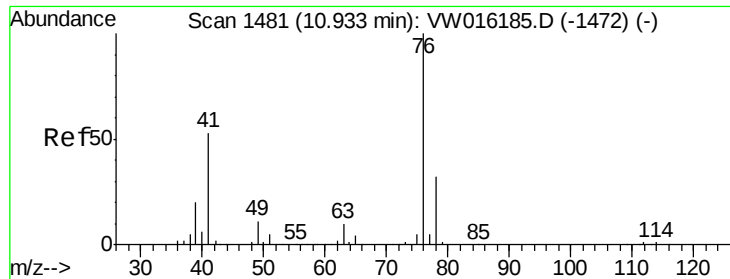
Tot Ion:	97	Resp:	35854
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.6	100.0
85	53.8	43.0	64.4
99	62.7	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 19.662 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

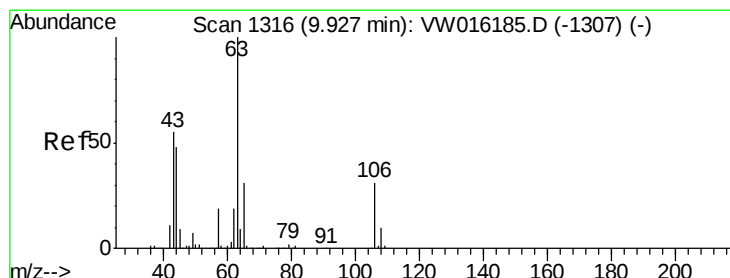
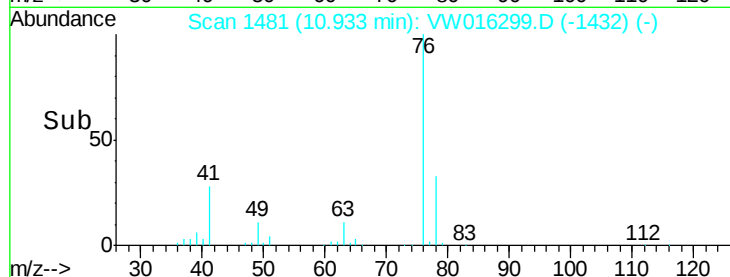
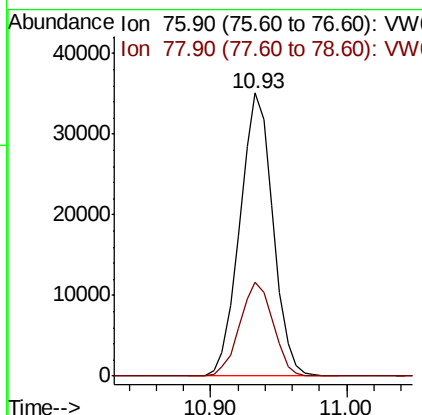
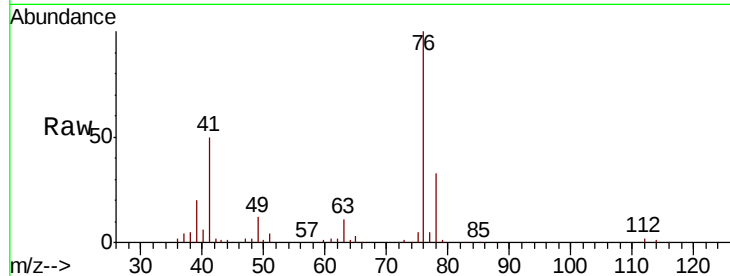
Tgt Ion:	69	Resp:	42075
Ion	Ratio	Lower	Upper
69	100		
41	57.3	47.6	71.4
39	30.7	24.6	36.8





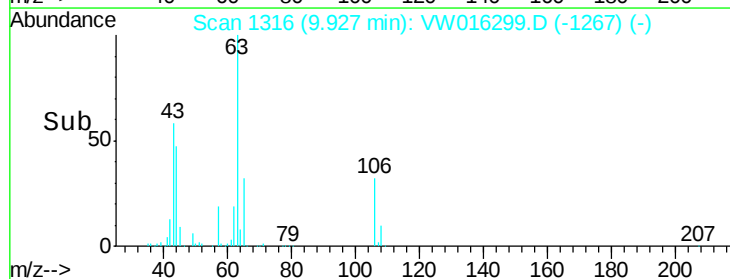
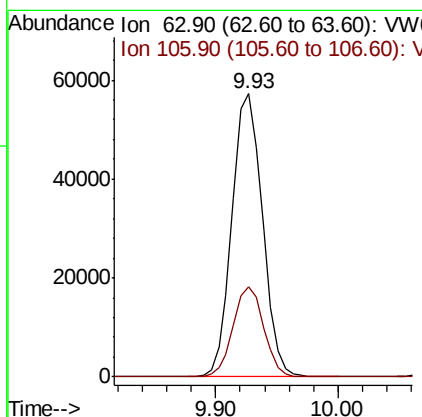
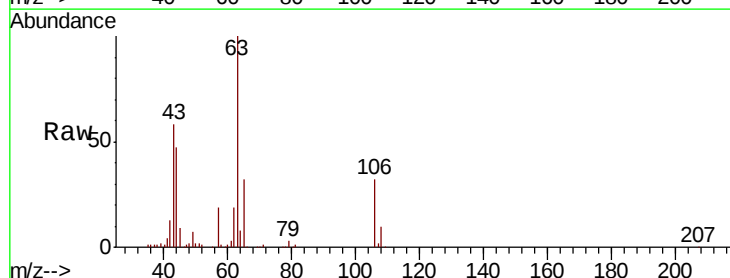
#57
 1,3-Dichloropropane
 Concen: 18.674 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

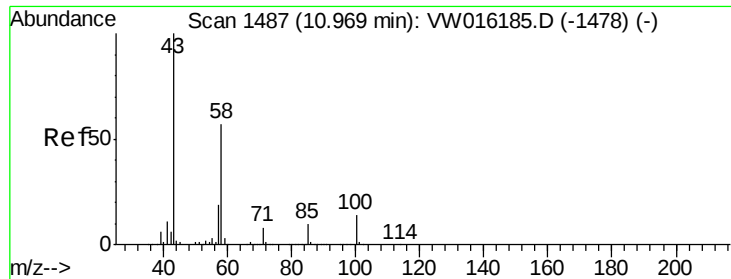
Tot Ion: 76 Resp: 59619
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.171 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

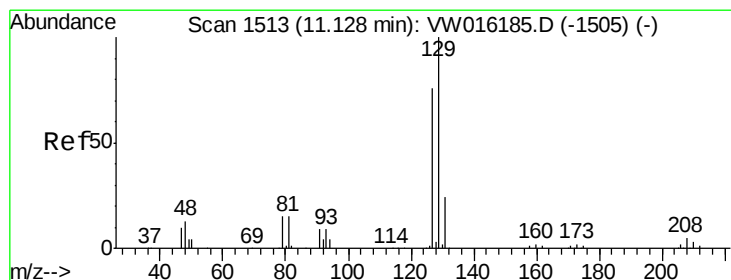
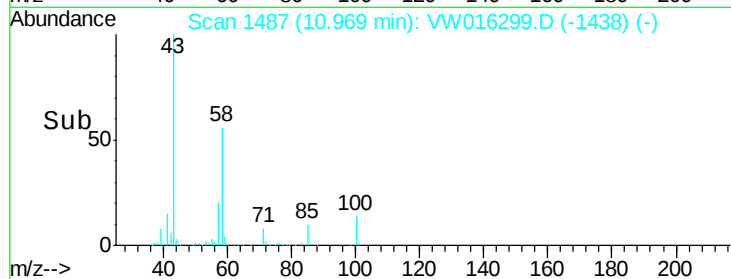
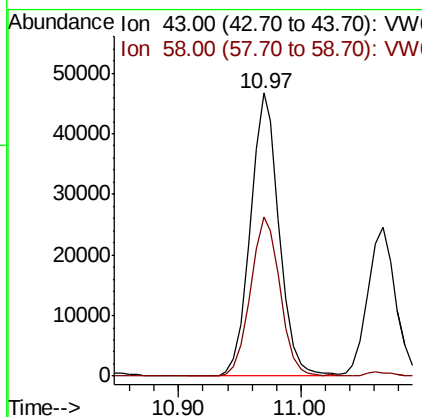
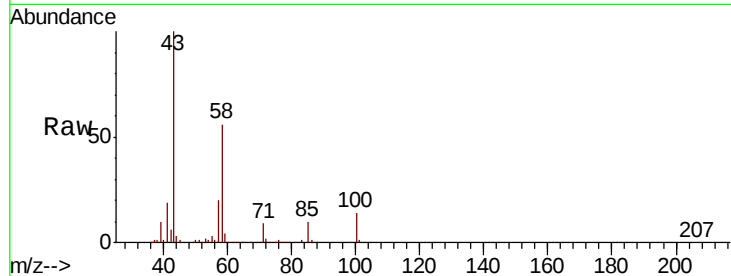
Tgt Ion: 63 Resp: 98707
 Ion Ratio Lower Upper
 63 100
 106 32.0 24.9 37.3





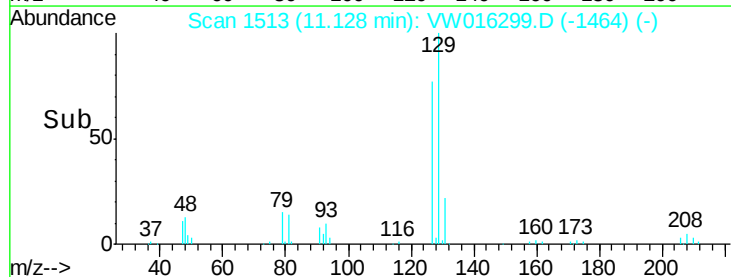
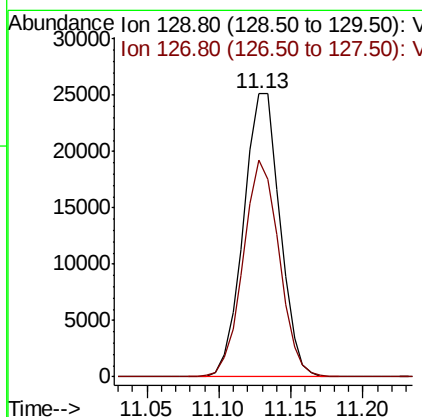
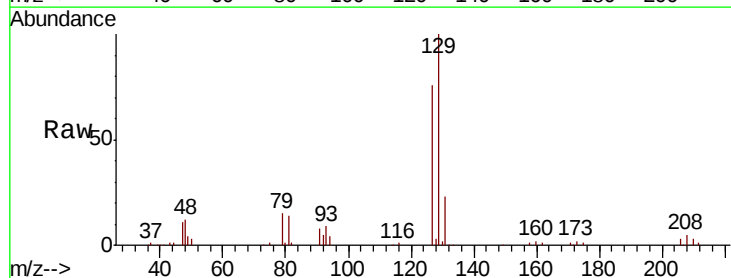
#59
2-Hexanone
Concen: 91.080 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

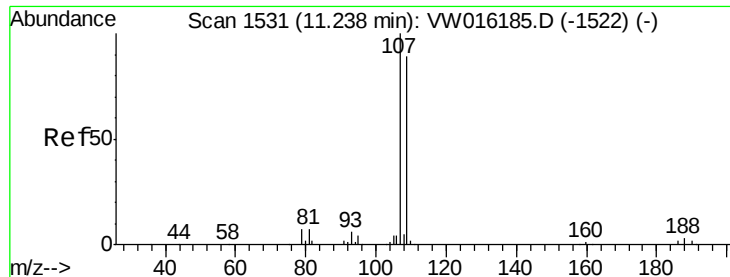
Tot Ion: 43 Resp: 76356
Ion Ratio Lower Upper
43 100
58 57.9 28.8 86.5



#60
Dibromochloromethane
Concen: 19.750 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

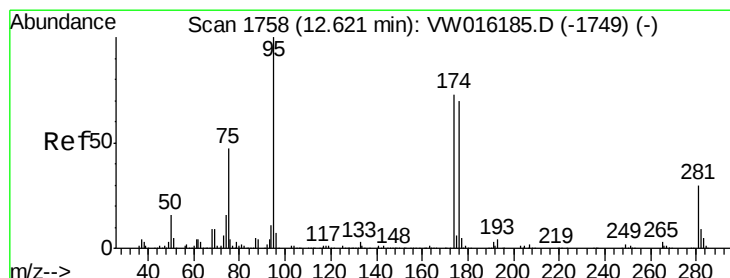
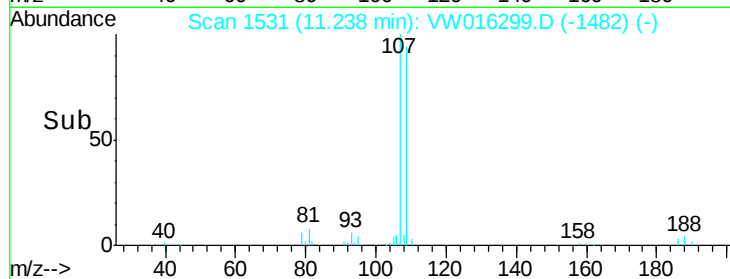
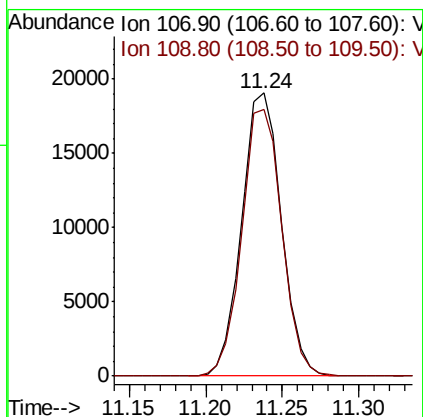
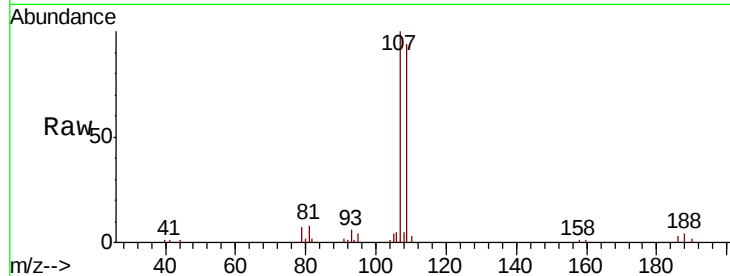
Tgt Ion: 129 Resp: 44086
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.8





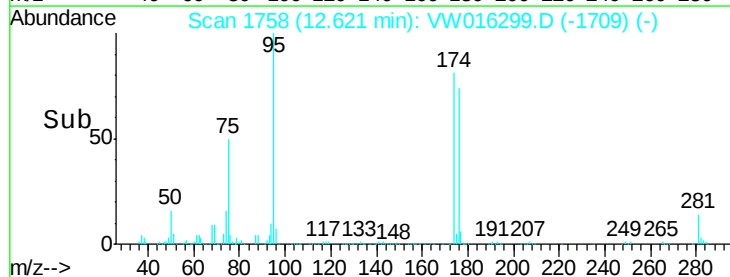
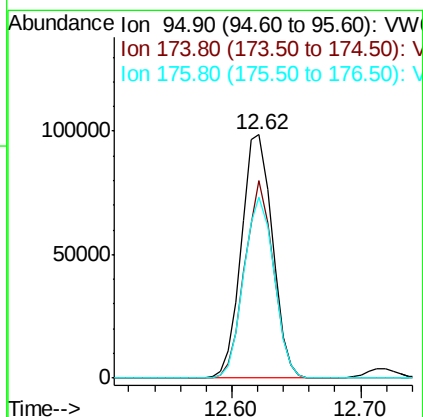
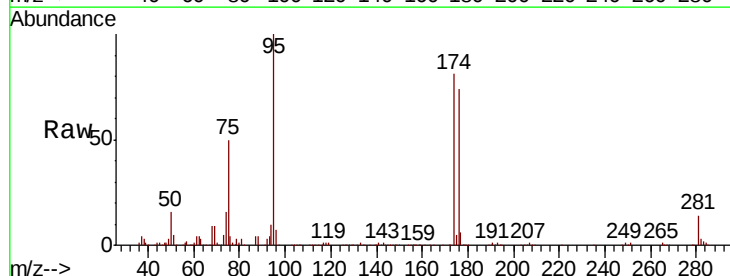
#61
 1,2-Dibromoethane
 Concen: 18.982 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

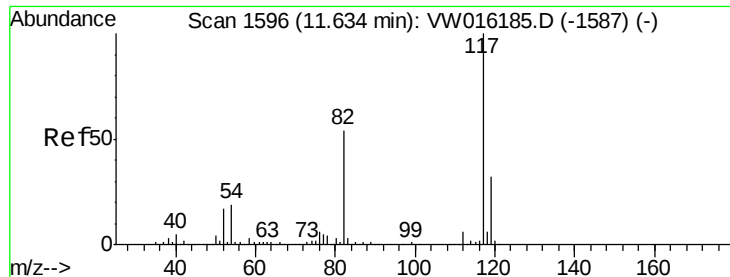
Tot Ion:107 Resp: 34288
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 50.375 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

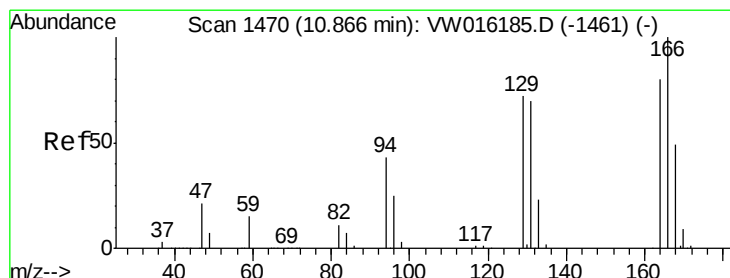
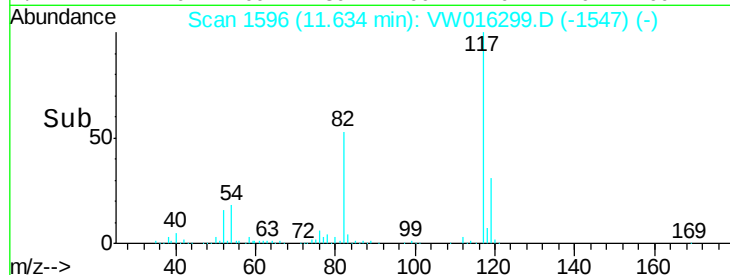
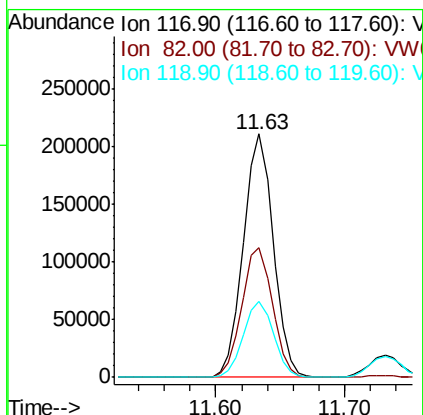
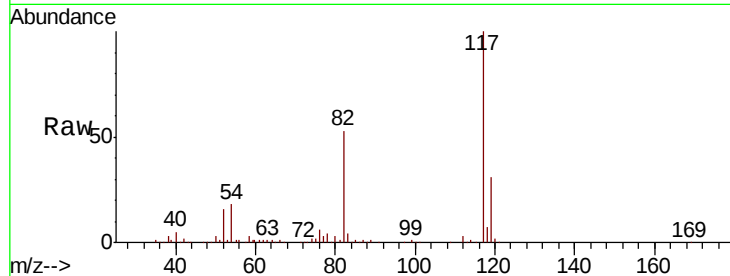
Tgt Ion: 95 Resp: 163982
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 145.6
 176 72.6 0.0 137.8





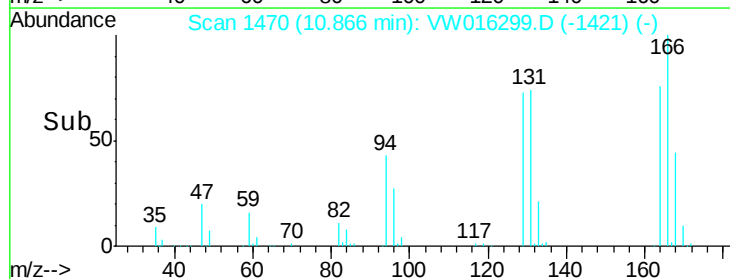
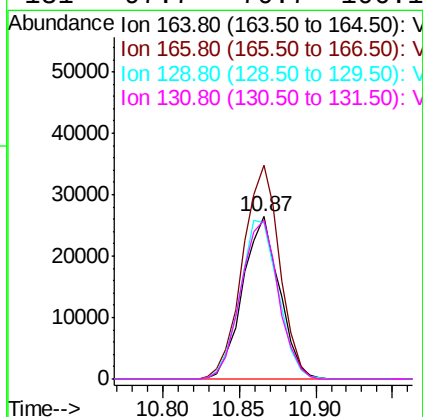
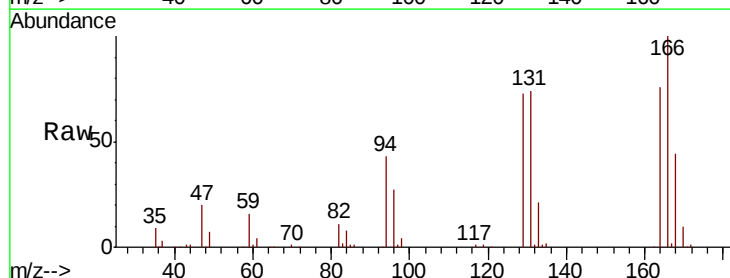
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

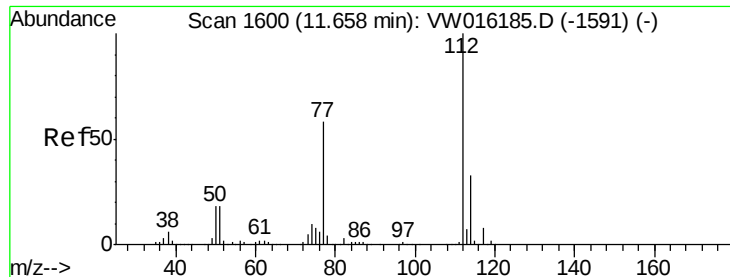
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.6	65.4
119	31.3	25.4	38.0



#64
Tetrachloroethene
Concen: 19.893 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

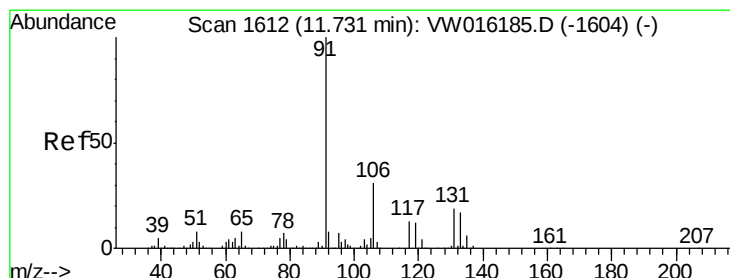
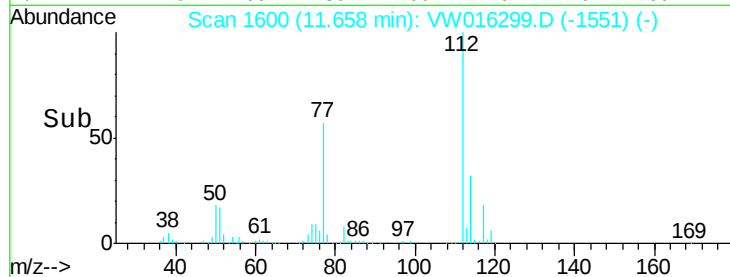
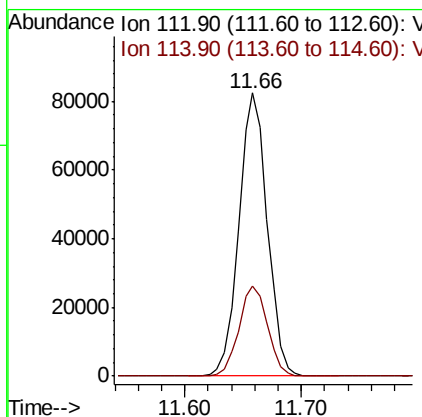
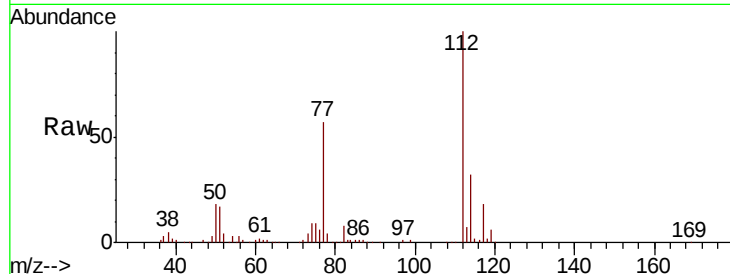
Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	100.3	150.5
129	96.1	72.2	108.4
131	97.7	70.7	106.1





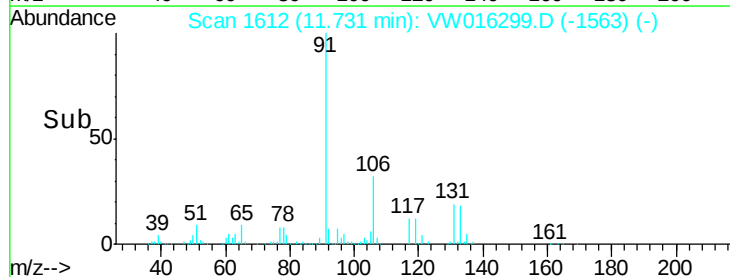
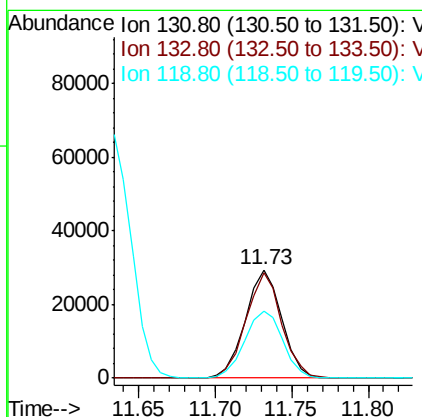
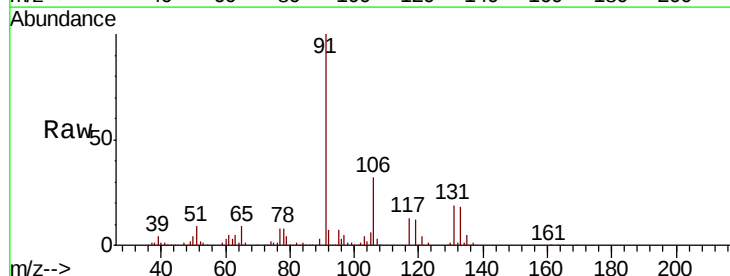
#65
Chlorobenzene
Concen: 20.070 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

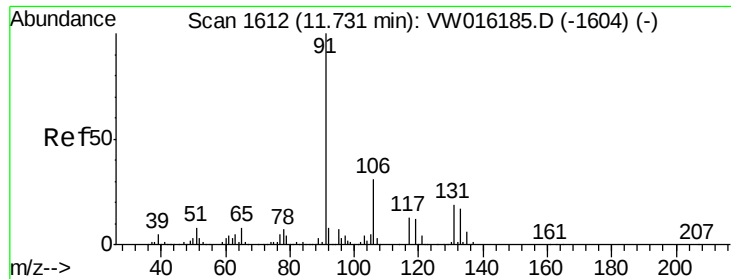
Tot Ion:112 Resp: 139468
Ion Ratio Lower Upper
112 100
114 31.8 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.976 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

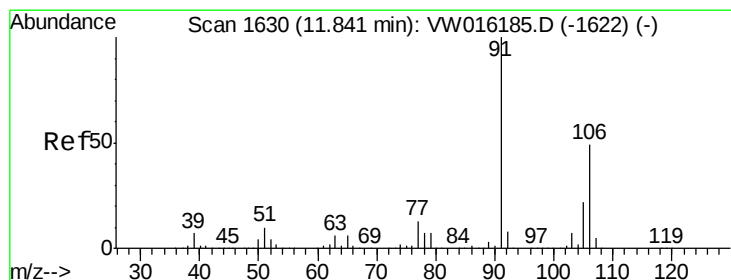
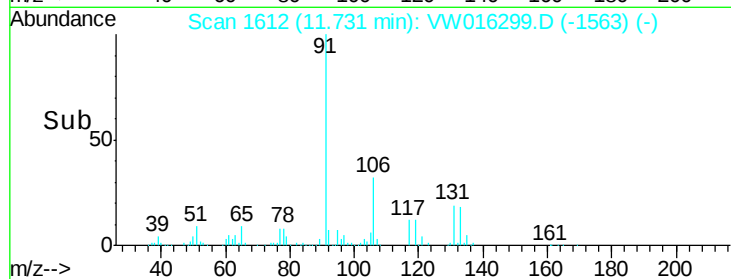
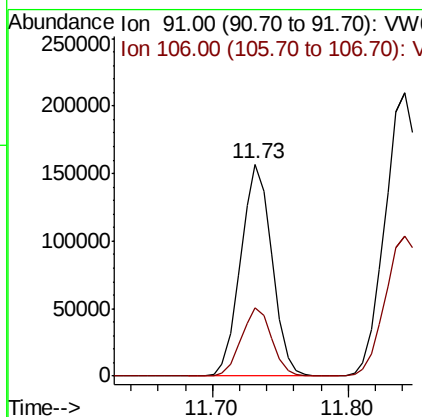
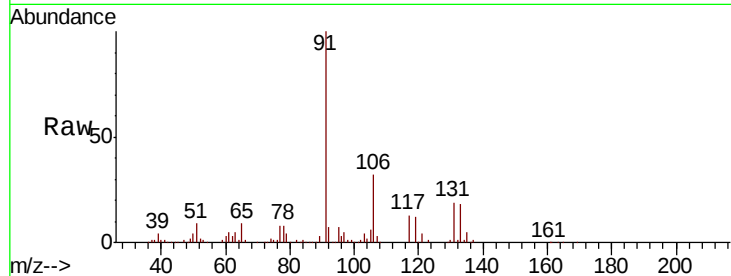
Tgt Ion:131 Resp: 48522
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 65.5 33.1 99.3





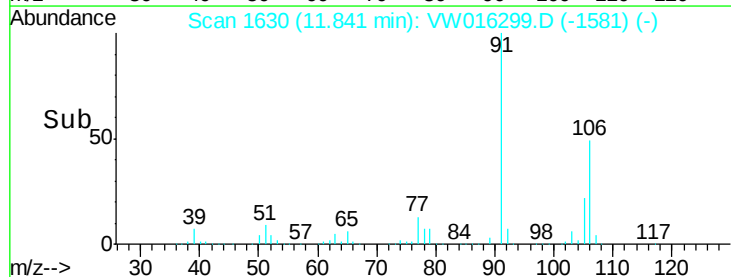
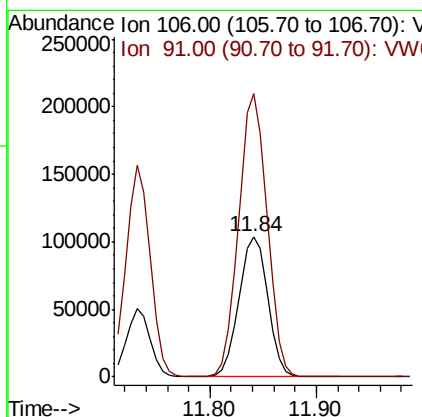
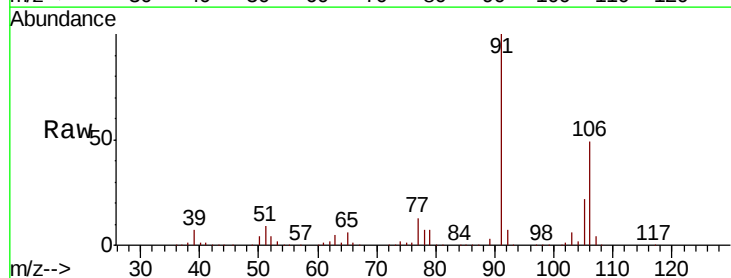
#67
Ethyl Benzene
Concen: 20.204 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

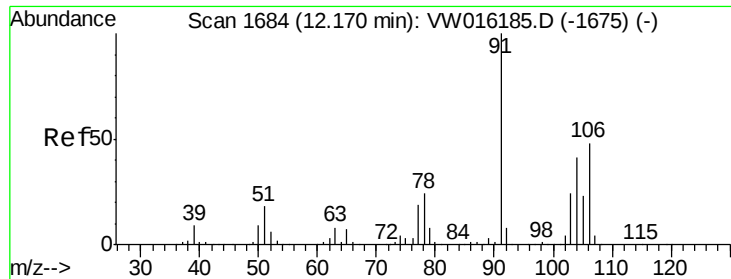
Tot Ion: 91 Resp: 252327
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 41.281 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

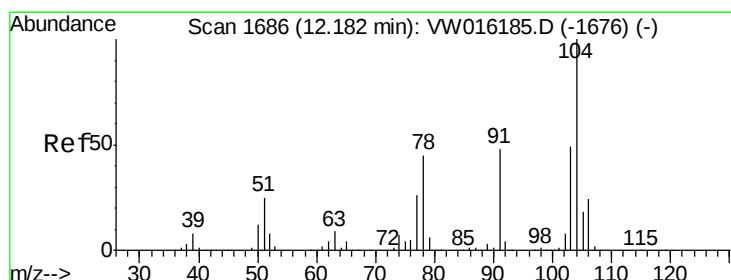
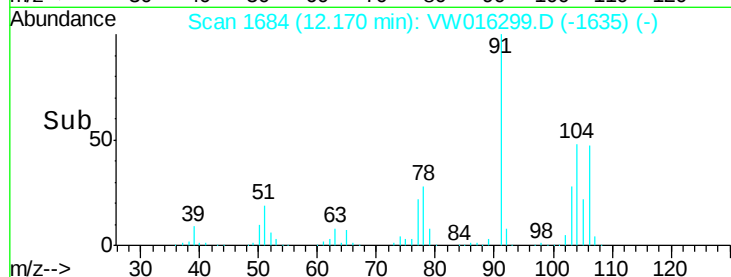
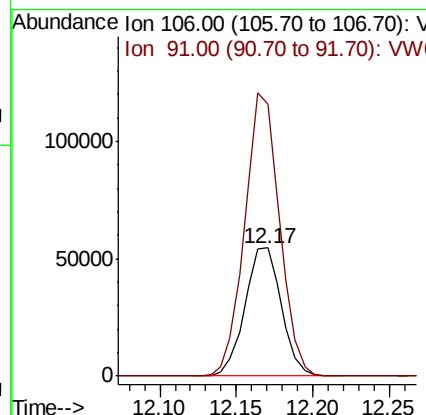
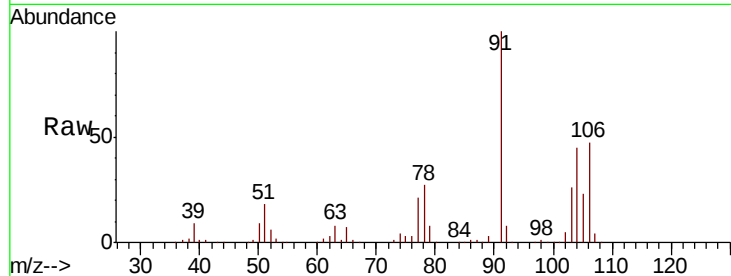
Tgt Ion: 106 Resp: 198162
Ion Ratio Lower Upper
106 100
91 199.3 161.4 242.2





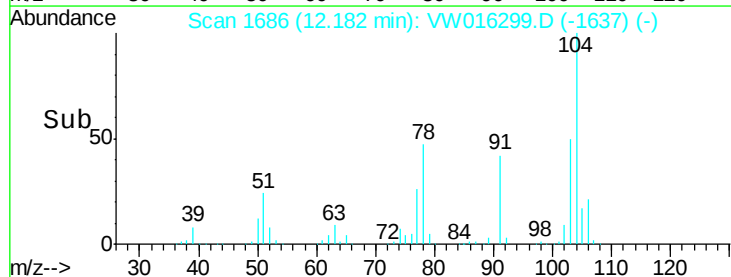
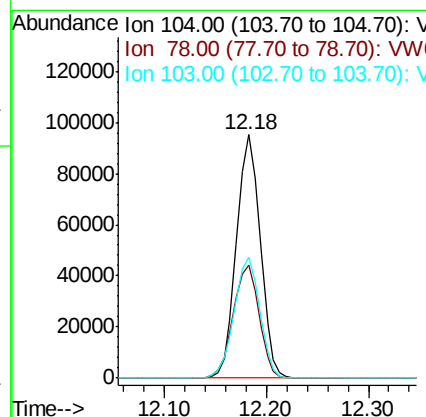
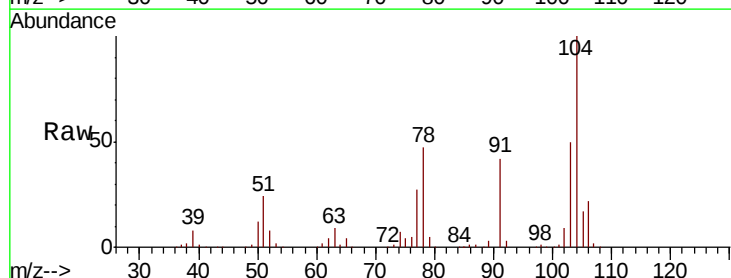
#69
o-Xylene
Concen: 21.120 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

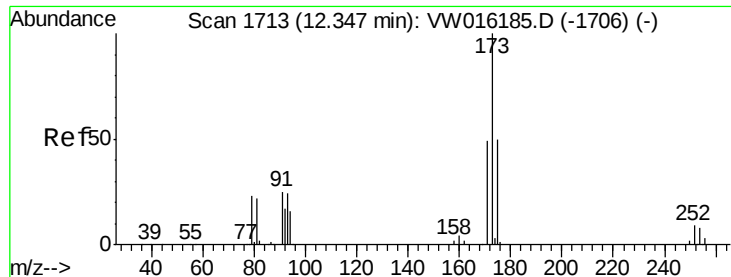
Tot Ion:106 Resp: 90323
Ion Ratio Lower Upper
106 100
91 211.8 106.0 317.9



#70
Styrene
Concen: 20.738 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion:104 Resp: 153469
Ion Ratio Lower Upper
104 100
78 50.6 39.4 59.2
103 53.6 42.9 64.3





#71

Bromoform

Concen: 20.703 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

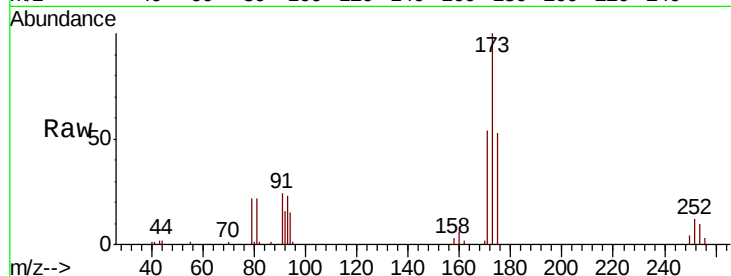
Tot Ion:173 Resp: 22506

Ion Ratio Lower Upper

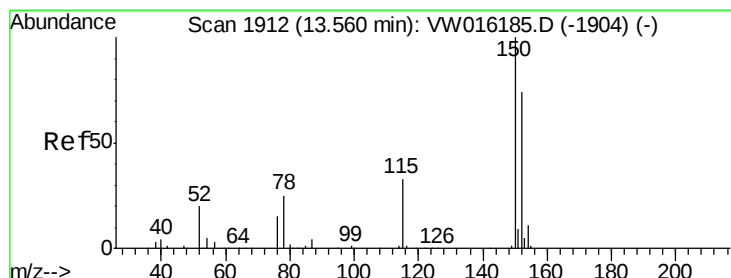
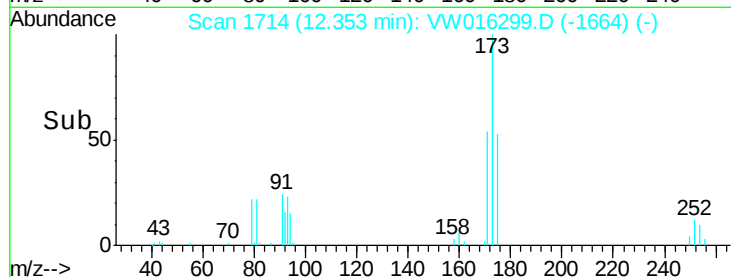
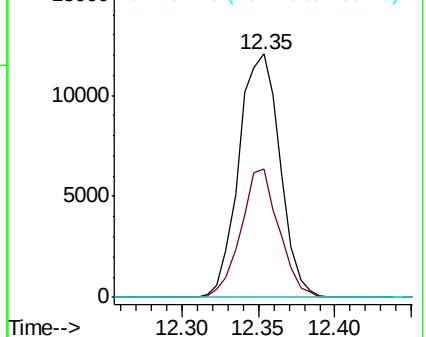
173 100

175 48.8 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: VW016299.D

Acq: 21 Aug 2020 12:25

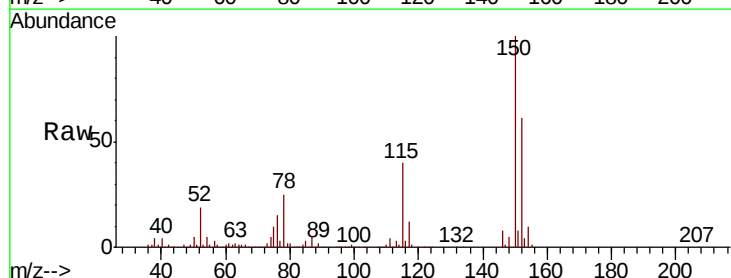
Tgt Ion:152 Resp: 161953

Ion Ratio Lower Upper

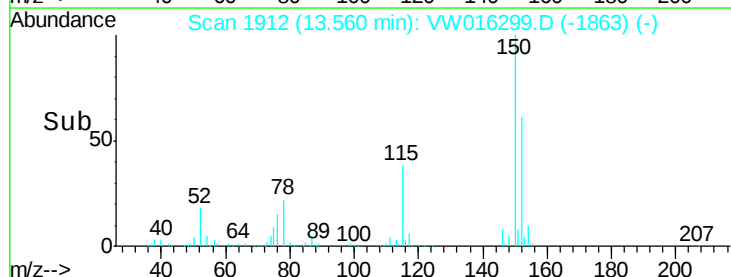
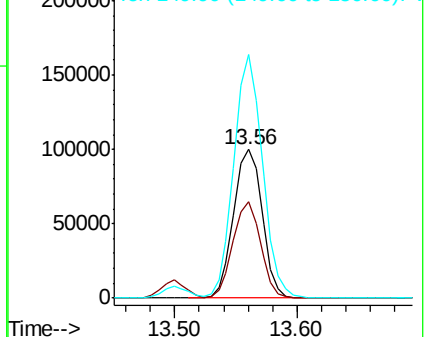
152 100

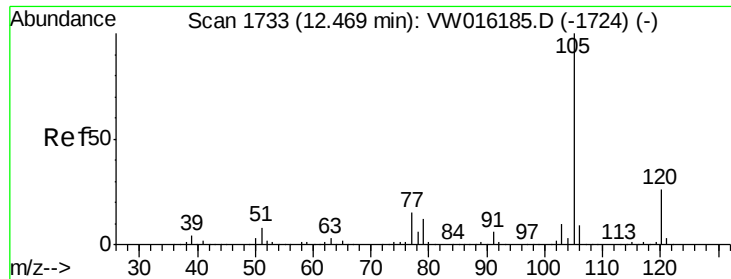
115 62.7 30.9 92.5

150 163.7 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: 20.263 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016299.D

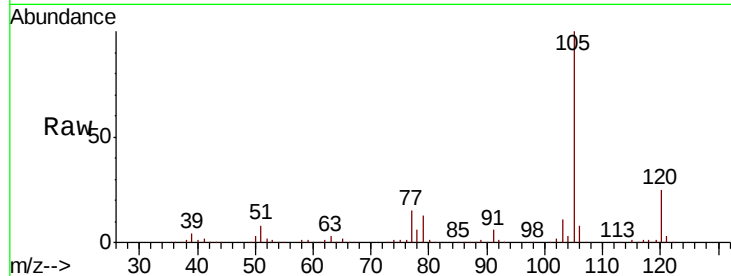
Acq: 21 Aug 2020 12:25

Tot Ion: 105 Resp: 250073

Ion Ratio Lower Upper

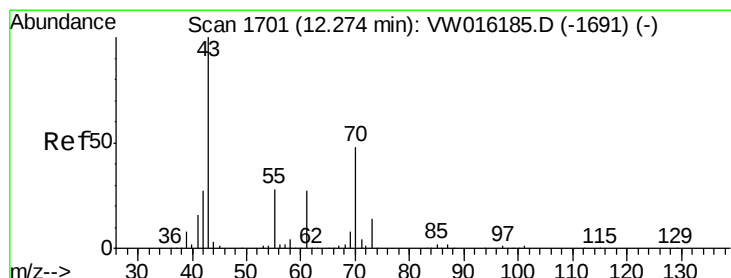
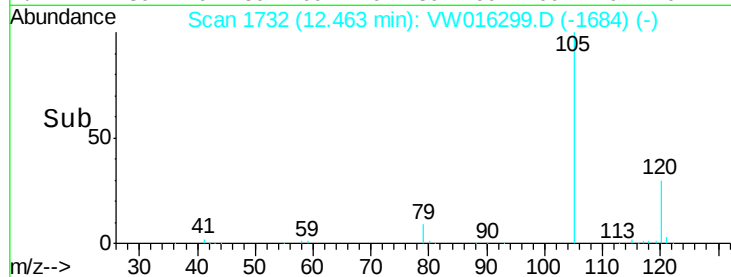
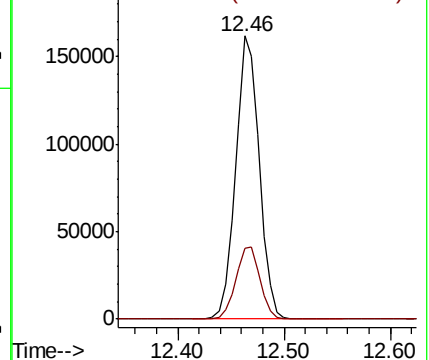
105 100

120 26.2 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: 19.065 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tgt Ion: 43 Resp: 42137

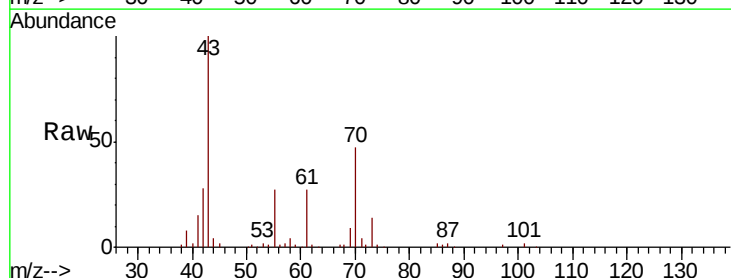
Ion Ratio Lower Upper

43 100

70 48.9 38.6 58.0

55 26.9 22.2 33.2

61 27.5 21.3 31.9

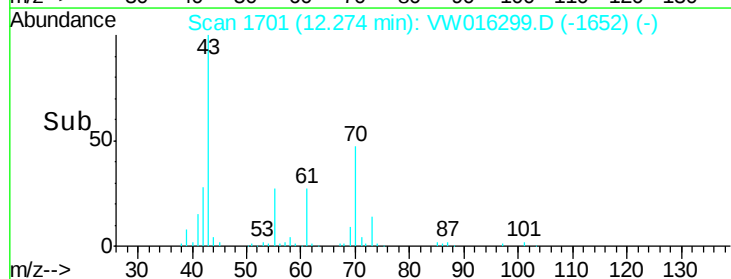
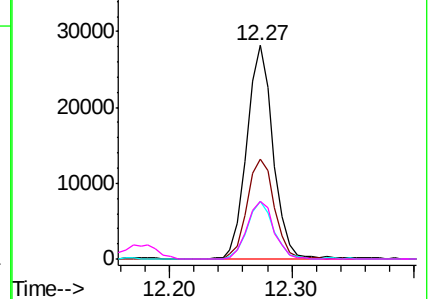


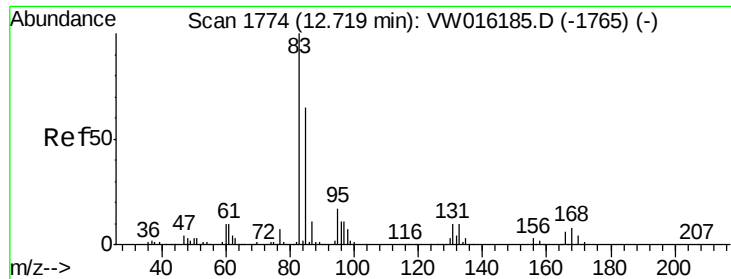
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 18.409 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

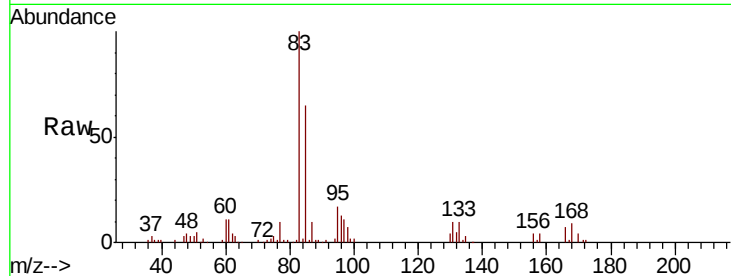
Tot Ion: 83 Resp: 38015

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

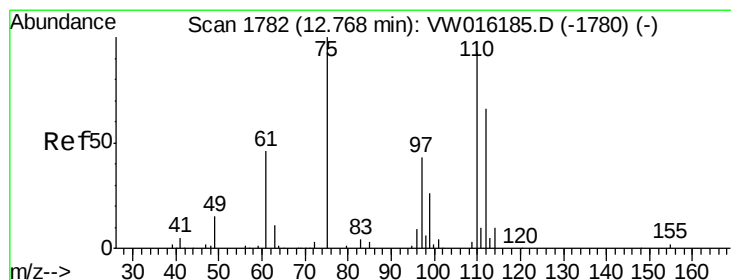
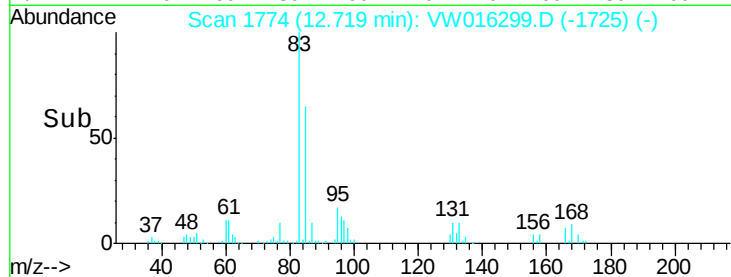
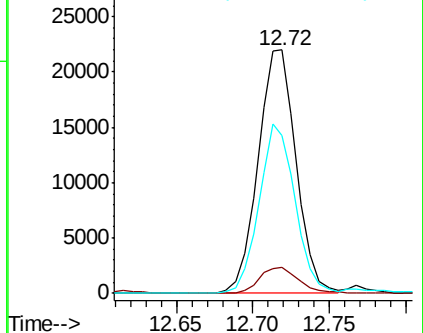
85 65.7 31.3 93.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.027 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW016299.D

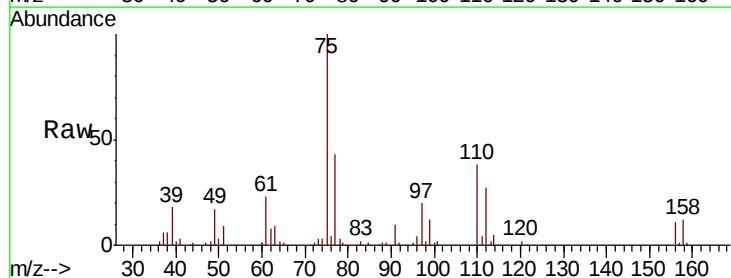
Acq: 21 Aug 2020 12:25

Tgt Ion: 75 Resp: 49191

Ion Ratio Lower Upper

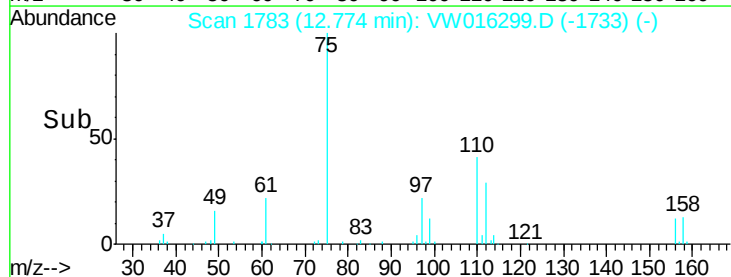
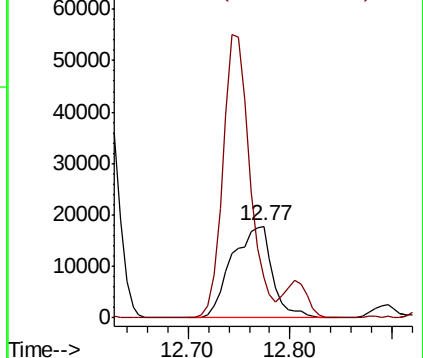
75 100

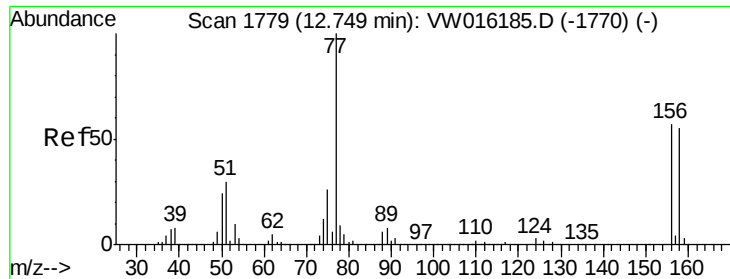
77 0.0 173.6 520.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.200 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

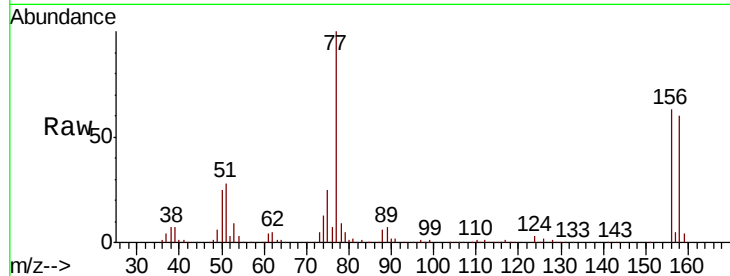
Tot Ion:156 Resp: 55140

Ion Ratio Lower Upper

156 100

77 184.2 97.9 293.6

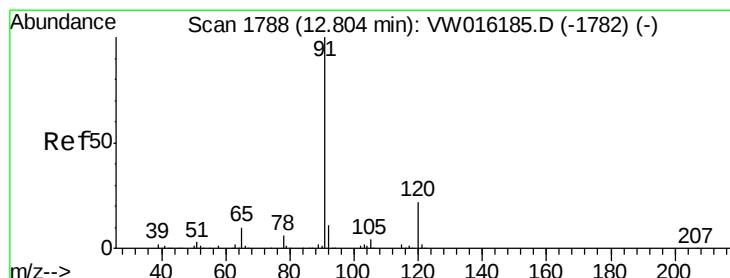
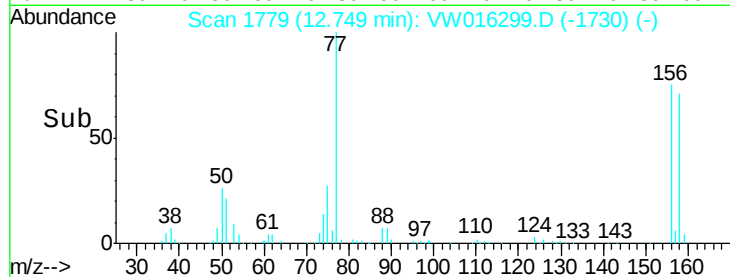
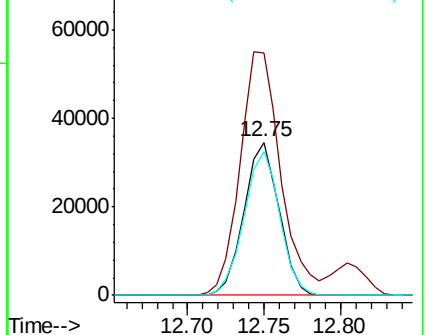
158 96.0 49.0 147.2



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: 20.159 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016299.D

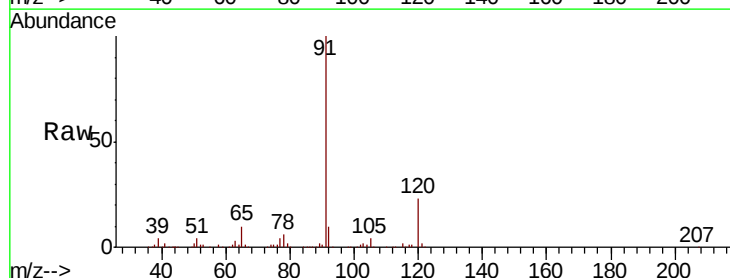
Acq: 21 Aug 2020 12:25

Tgt Ion: 91 Resp: 296968

Ion Ratio Lower Upper

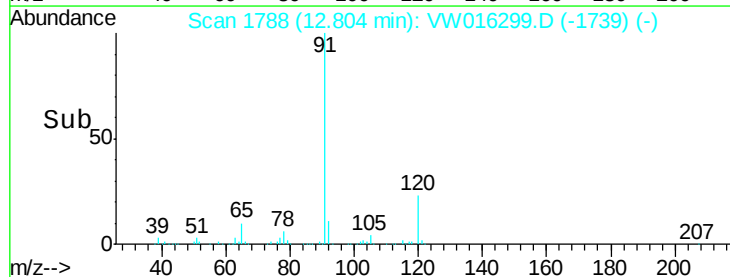
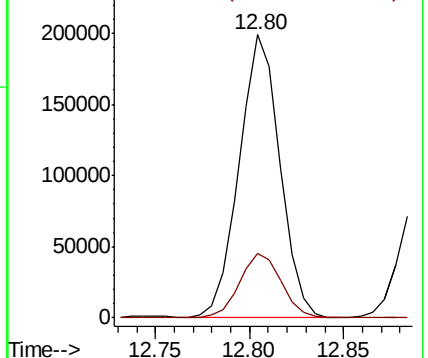
91 100

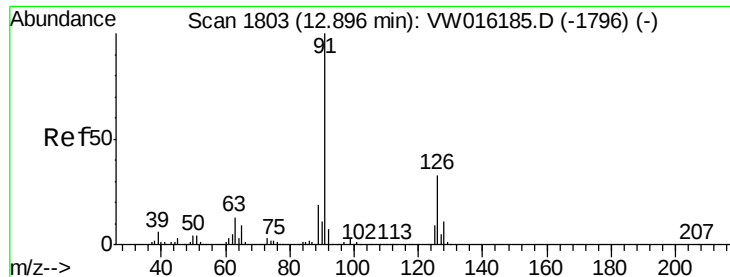
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

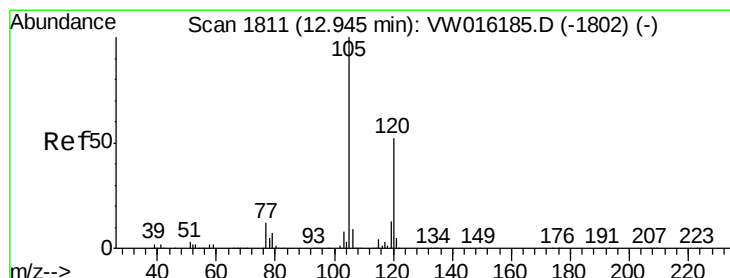
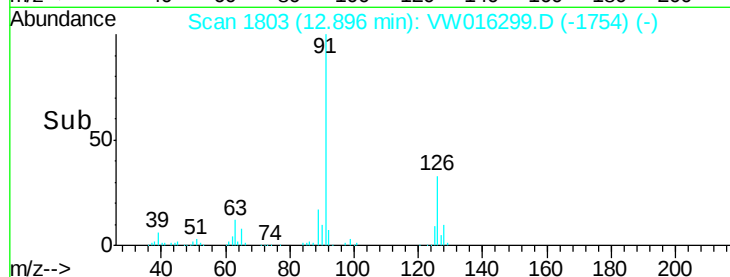
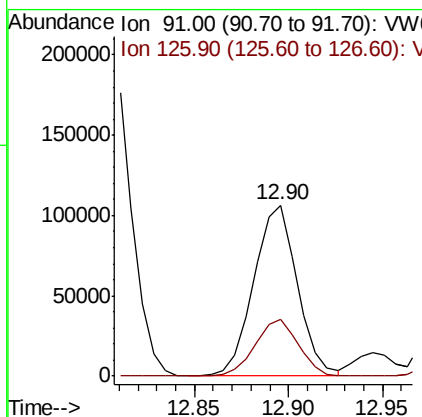
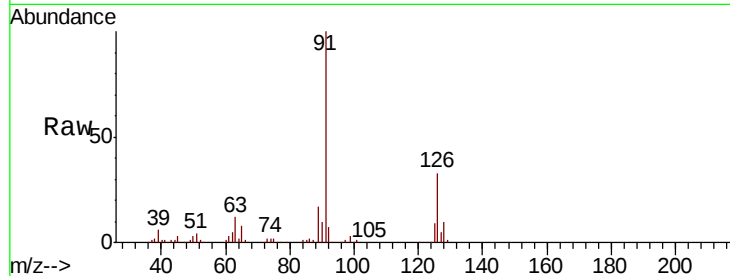
Ion 120.00 (119.70 to 120.70): V





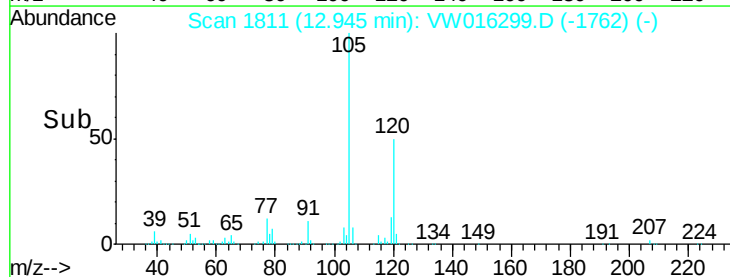
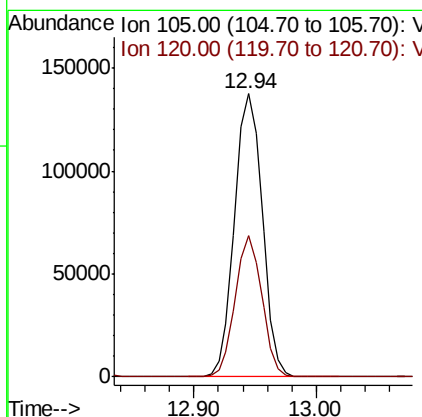
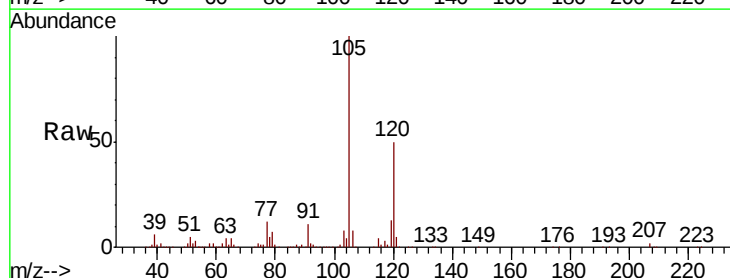
#79
 2-Chlorotoluene
 Concen: 20.048 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

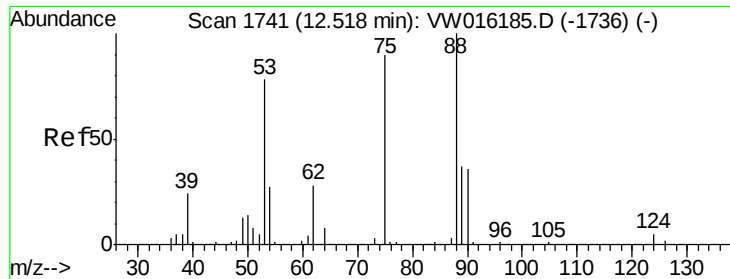
Tot Ion: 91 Resp: 170598
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.352 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

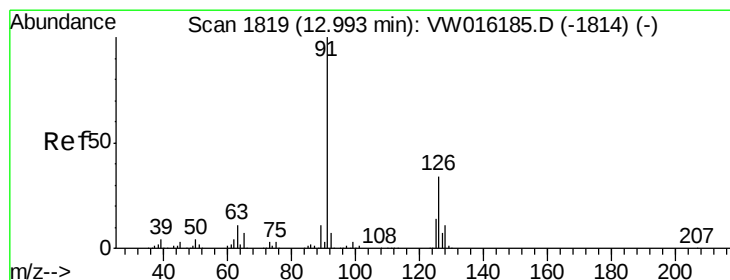
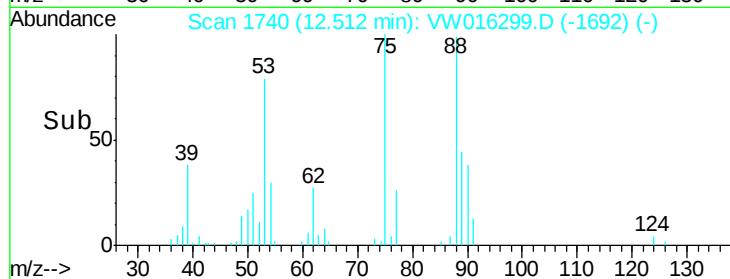
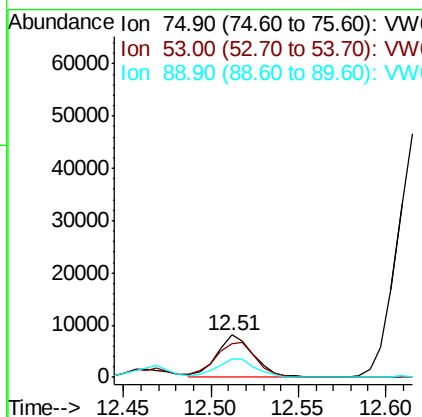
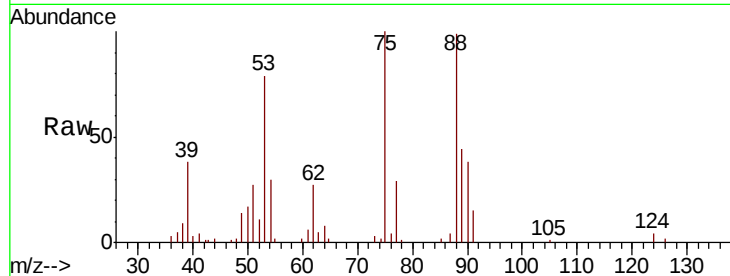
Tgt Ion: 105 Resp: 215611
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.1 75.2





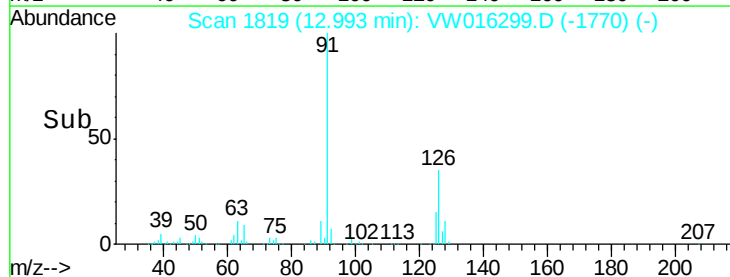
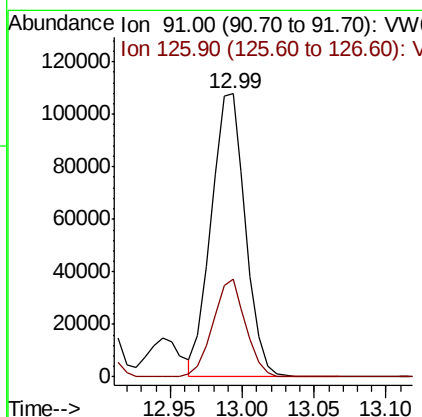
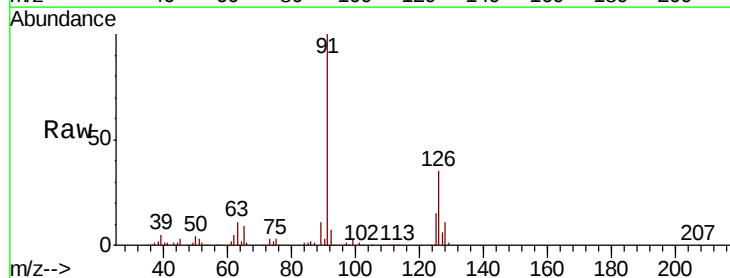
#81
trans-1,4-Dichloro-2-butene
Concen: 19.193 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

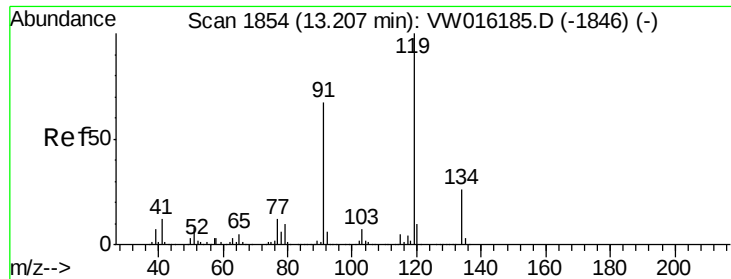
Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	74.6	111.8
89	46.0	37.2	55.8



#82
4-Chlorotoluene
Concen: 20.108 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

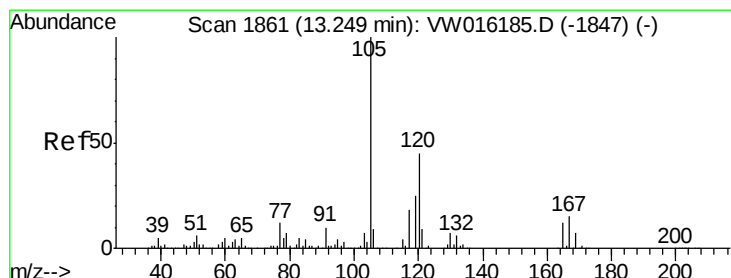
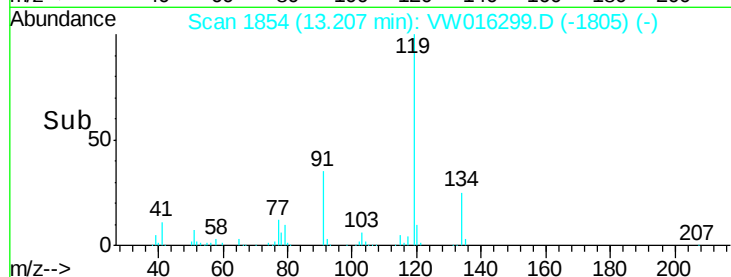
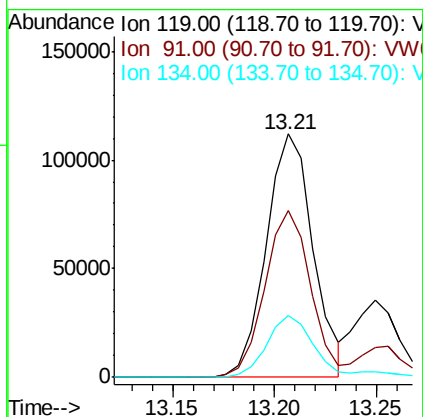
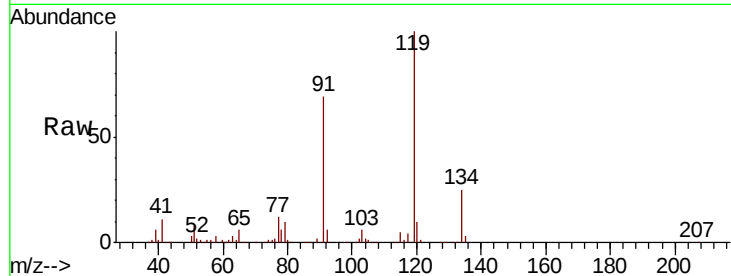
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.8





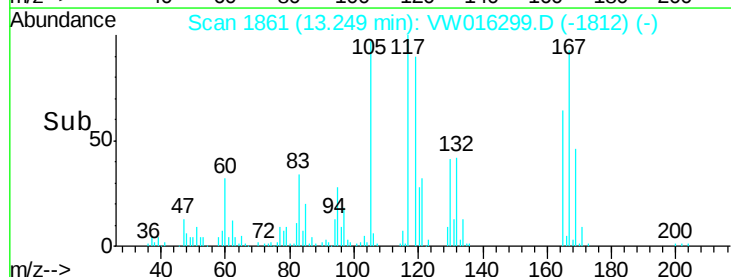
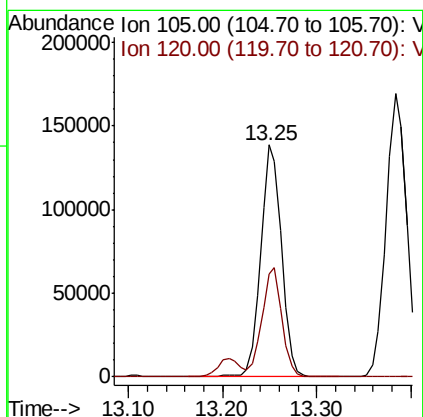
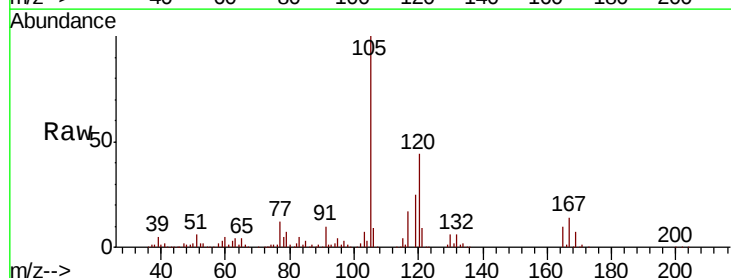
#83
tert-Butylbenzene
Concen: 20.690 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

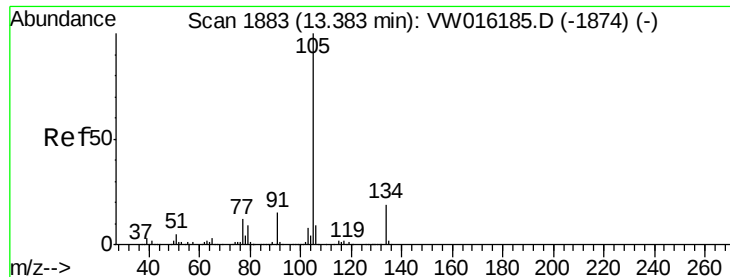
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	33.3	99.9
134	24.9	13.5	40.5



#84
1,2,4-Trimethylbenzene
Concen: 20.606 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.2	66.6





#85

sec-Butylbenzene

Concen: 20.452 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016299.D

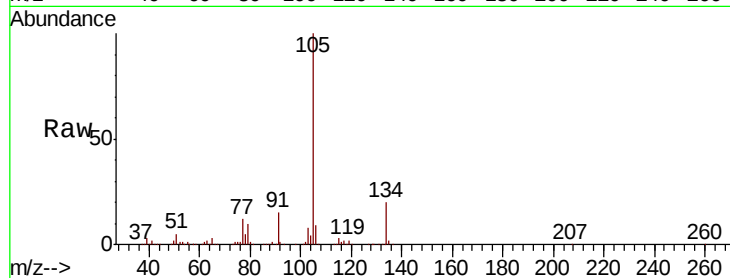
Acq: 21 Aug 2020 12:25

Tot Ion:105 Resp: 258090

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

200000

150000

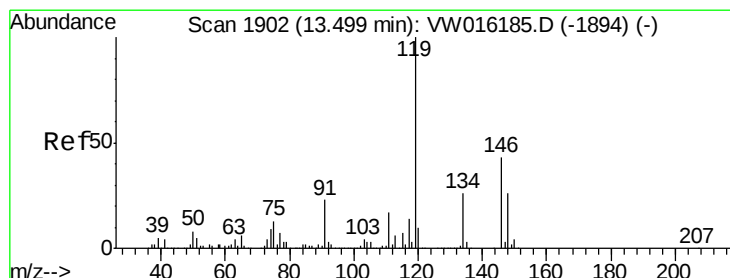
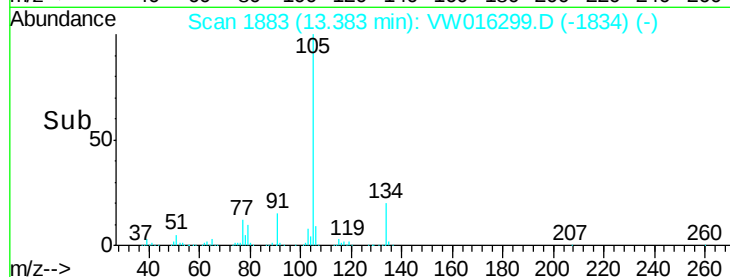
100000

50000

0

13.30 13.40 13.50

Time-->



#86

p-Isopropyltoluene

Concen: 20.925 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

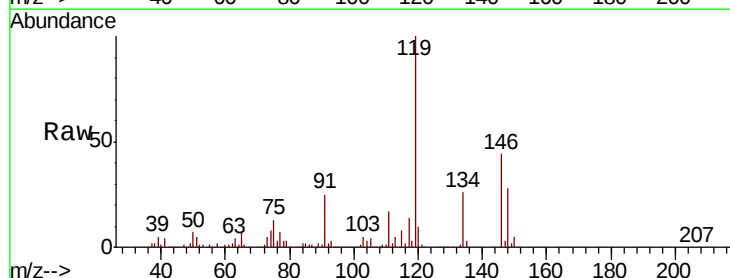
Tgt Ion:119 Resp: 238830

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 23.7 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW

200000

150000

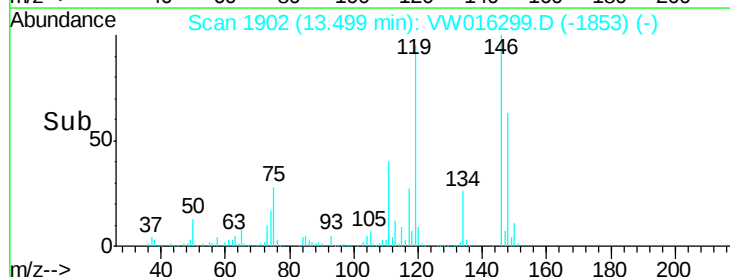
100000

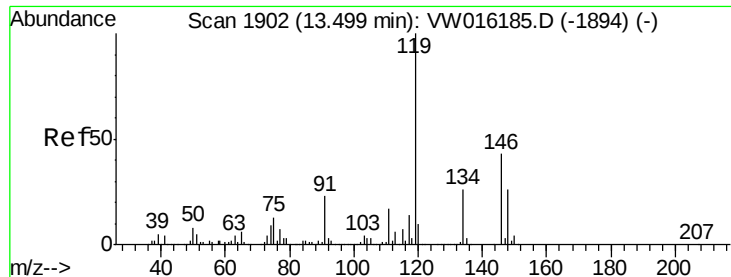
50000

0

13.45 13.50 13.55

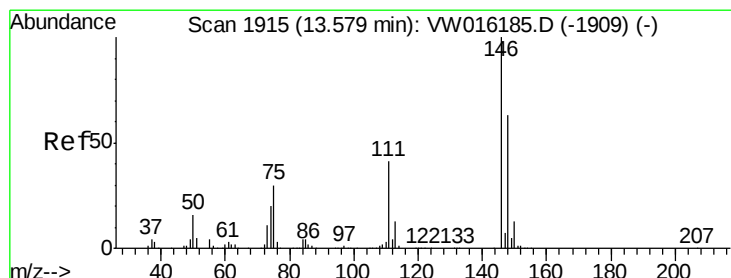
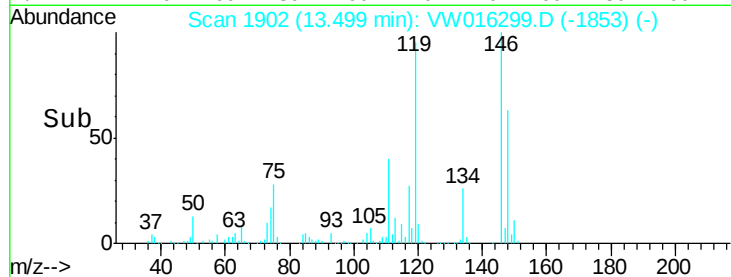
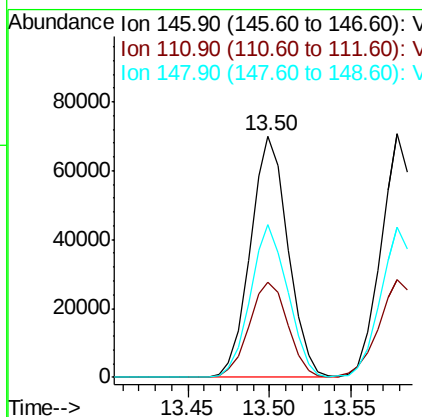
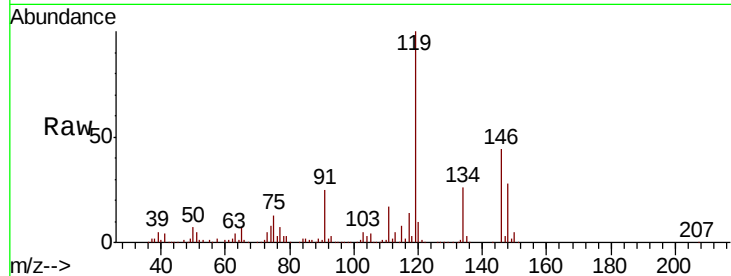
Time-->





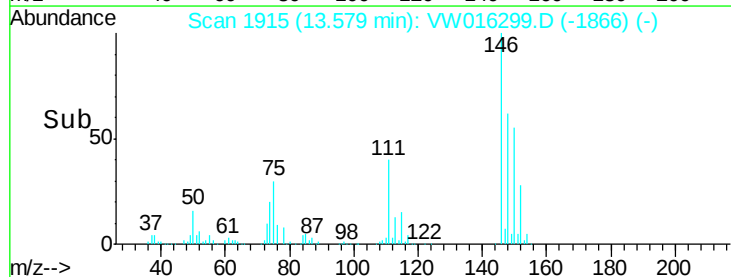
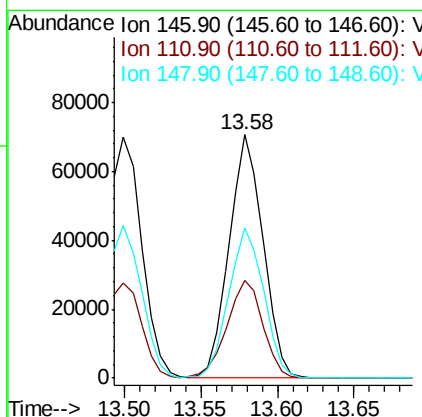
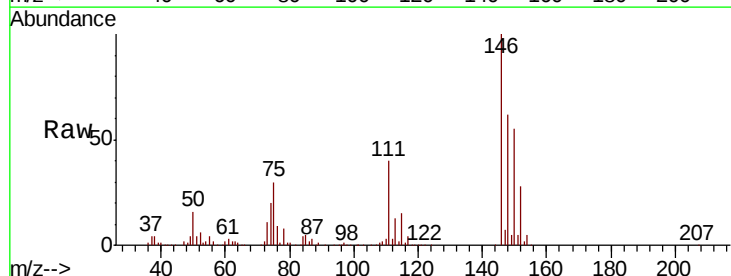
#87
 1,3-Dichlorobenzene
 Concen: 20.454 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

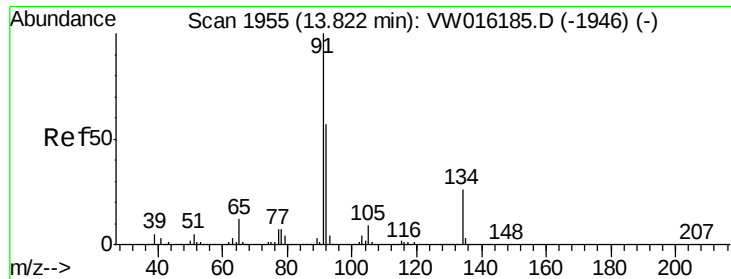
Tot Ion:146 Resp: 111816
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.5
 148 62.9 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 20.239 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

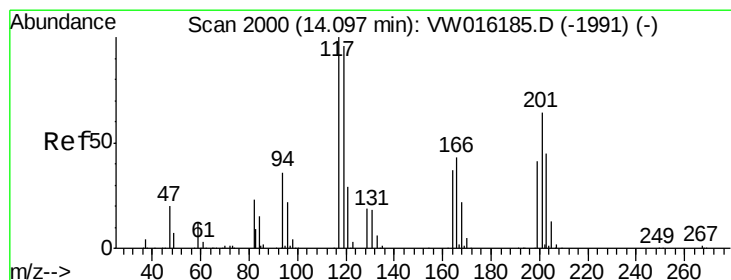
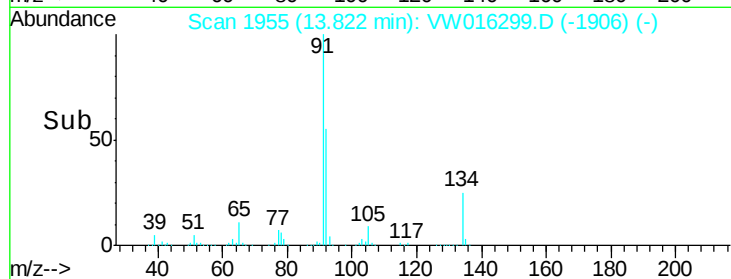
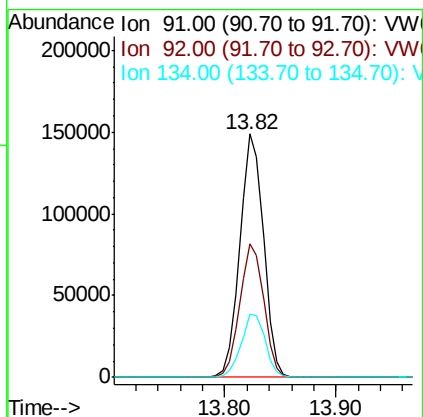
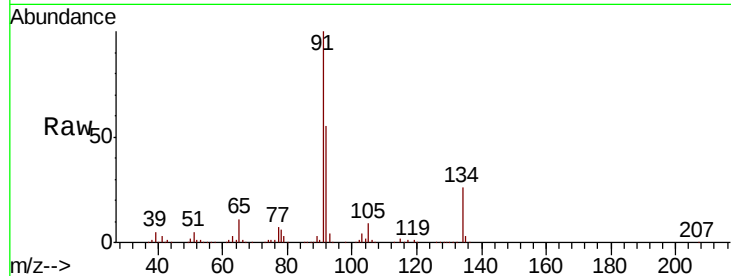
Tgt Ion:146 Resp: 108945
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.2
 148 63.8 32.1 96.3





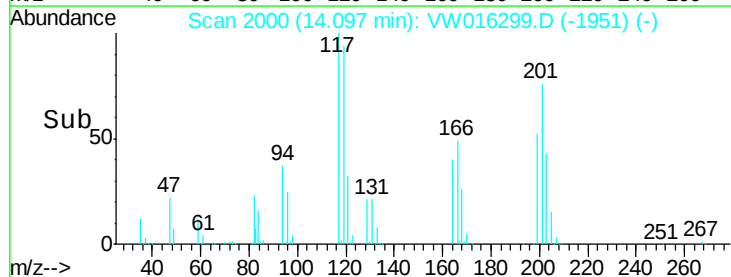
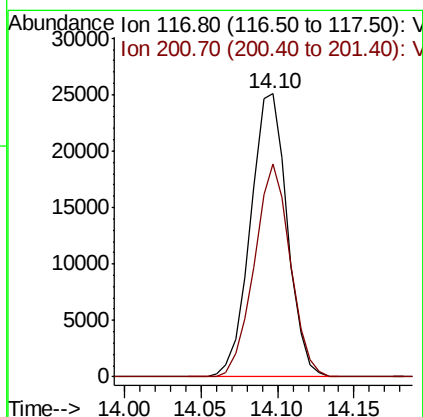
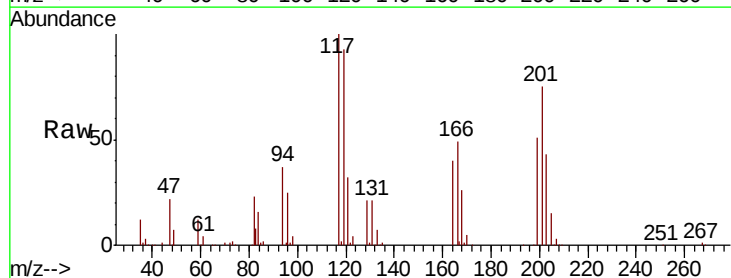
#89
n-Butylbenzene
Concen: 20.774 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

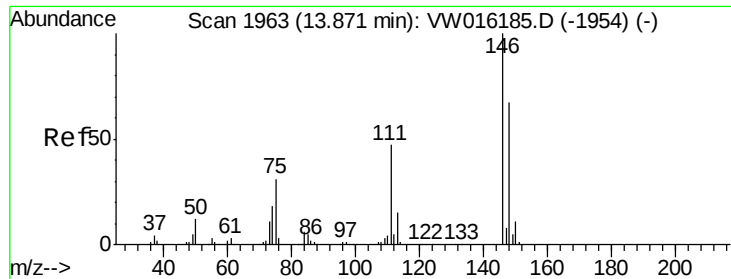
Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.4	82.2
134	26.3	13.0	39.0



#90
Hexachloroethane
Concen: 19.692 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.5	33.8	101.3





#91

1,2-Dichlorobenzene

Concen: 20.255 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

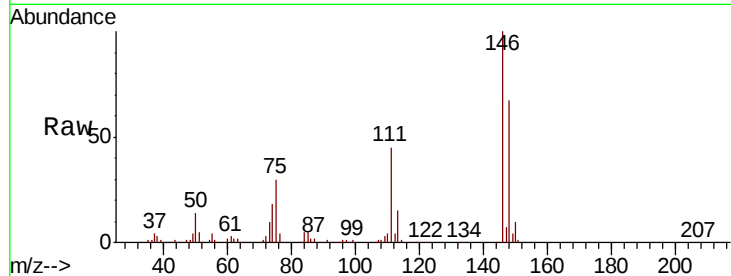
Tot Ion:146 Resp: 96535

Ion Ratio Lower Upper

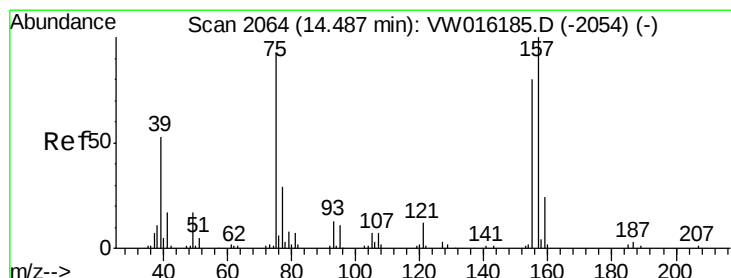
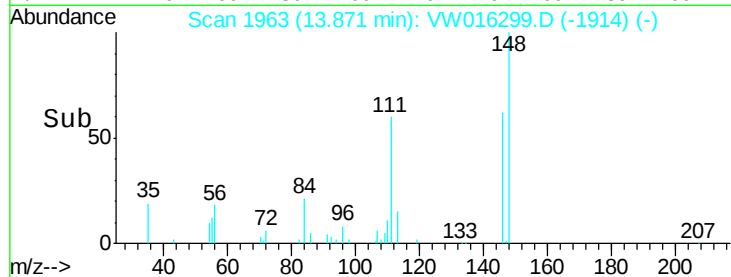
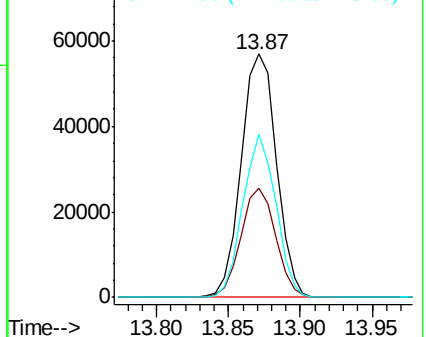
146 100

111 44.3 21.9 65.8

148 62.6 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: 19.263 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

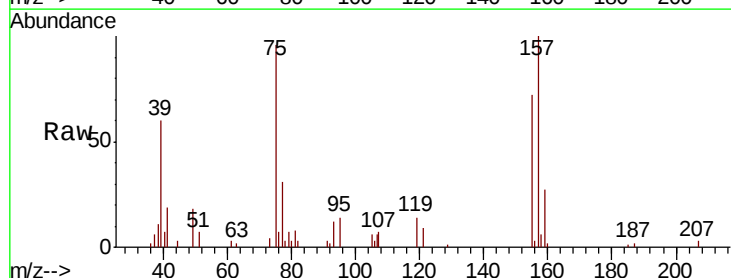
Tgt Ion: 75 Resp: 6115

Ion Ratio Lower Upper

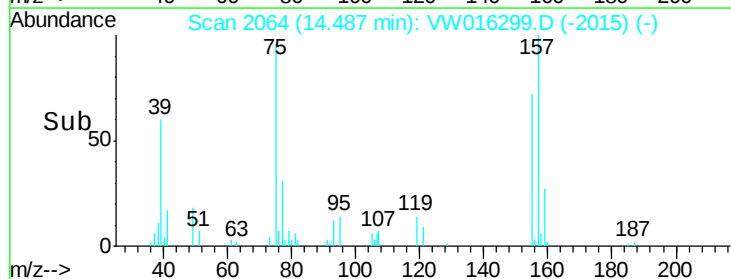
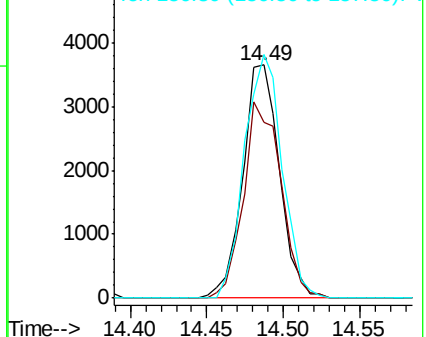
75 100

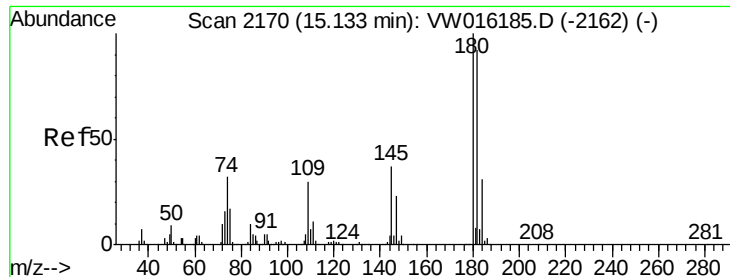
155 85.7 41.3 124.1

157 107.2 53.0 159.0



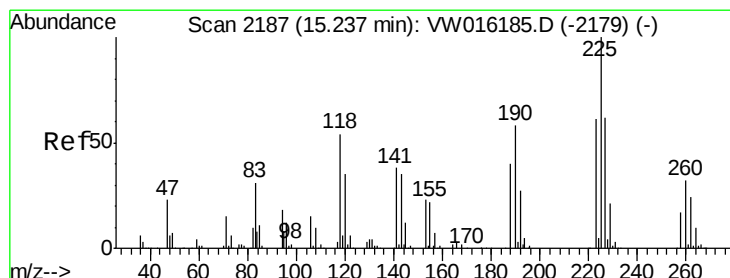
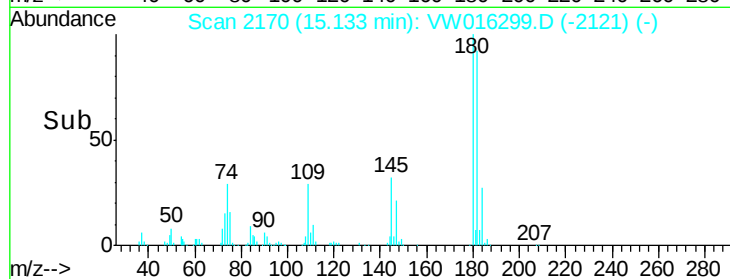
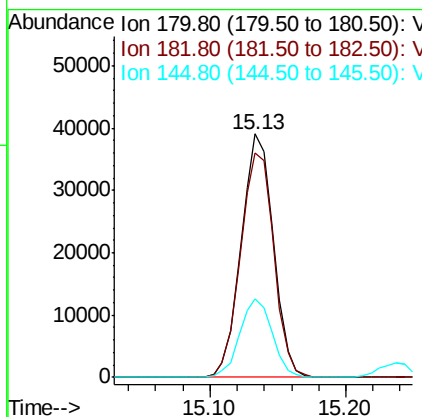
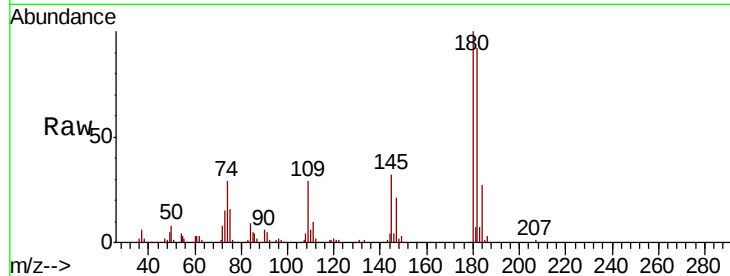
Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





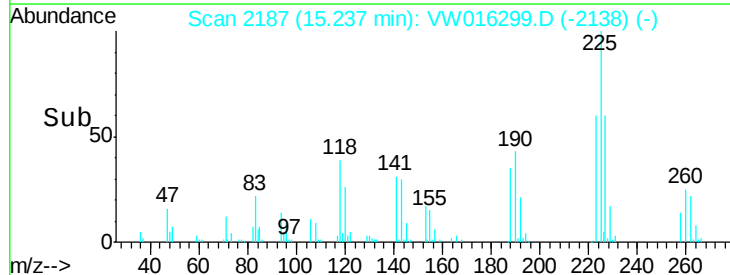
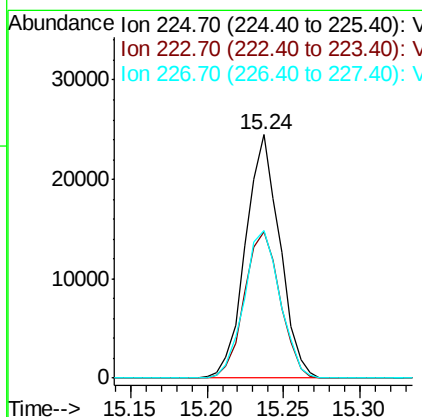
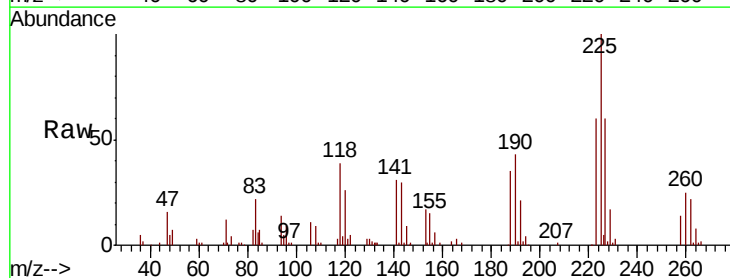
#93
 1,2,4-Trichlorobenzene
 Concen: 22.804 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

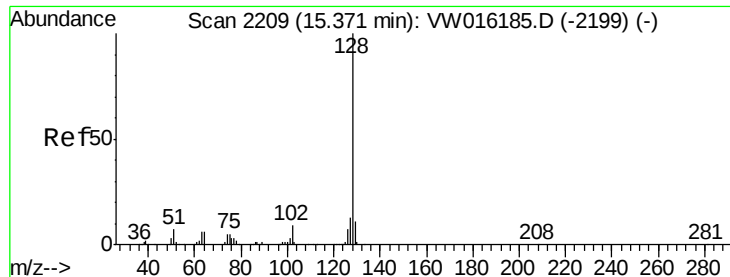
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.0	138.0
145	32.4	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 22.570 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	33.0	99.0
227	63.6	32.0	96.2





#95

Naphthalene

Concen: 20.525 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

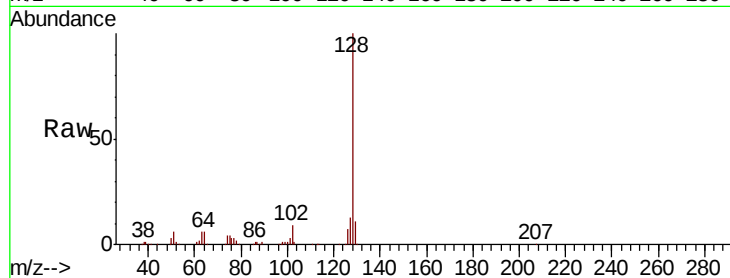
Tot Ion:128 Resp: 108778

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.7 13.1



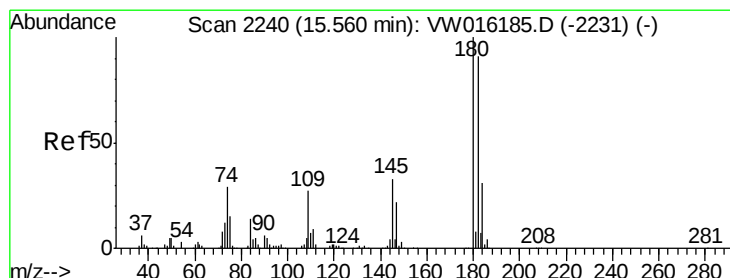
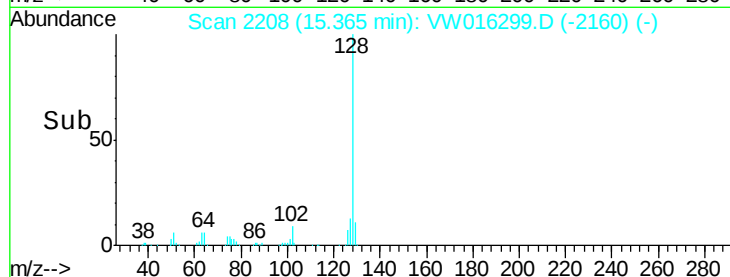
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.36

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 22.134 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

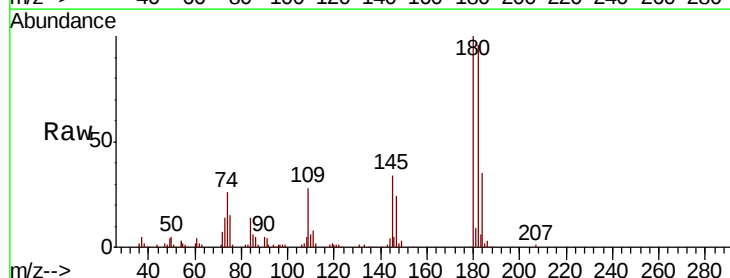
Tgt Ion:180 Resp: 54025

Ion Ratio Lower Upper

180 100

182 94.6 47.7 143.1

145 33.9 17.4 52.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.56

Time-->

