

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101320\
 Data File : VW016883.D
 Acq On : 12 Oct 2020 15:50
 Operator : SY/VA
 Sample : VW1013SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Quant Time: Oct 12 23:26:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	406589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	588524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	519056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	271938	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	164614	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.88	113	178491	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	10.32	98	671290	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.62	95	233563	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	49632	22.788	ug/l	98
3) Chloromethane	2.21	50	48138	19.797	ug/l	97
4) Vinyl Chloride	2.37	62	75206	21.388	ug/l	99
5) Bromomethane	2.78	94	54836	20.306	ug/l	99
6) Chloroethane	2.92	64	46118	20.610	ug/l	97
7) Trichlorofluoromethane	3.26	101	42310	16.527	ug/l	98
8) Diethyl Ether	3.68	74	32886	20.567	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70978	20.591	ug/l	98
10) Methyl Iodide	4.28	142	115767	21.007	ug/l	99
11) Tert butyl alcohol	5.18	59	19891	123.068	ug/l	97
12) 1,1-Dichloroethene	4.04	96	70662	20.768	ug/l	93
13) Acrolein	3.89	56	21404	97.956	ug/l	99
14) Allyl chloride	4.67	41	85677	21.036	ug/l	99
15) Acrylonitrile	5.37	53	55405	104.097	ug/l	100
16) Acetone	4.12	43	49755	92.889	ug/l	95
17) Carbon Disulfide	4.39	76	188984	20.876	ug/l	97
18) Methyl Acetate	4.67	43	24911	20.277	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	75403	20.562	ug/l	99
20) Methylene Chloride	4.92	84	78776	18.977	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	81360	21.300	ug/l	97
22) Diisopropyl ether	6.31	45	159450	21.541	ug/l	98
23) Vinyl Acetate	6.26	43	500793	105.582	ug/l	99
24) 1,1-Dichloroethane	6.21	63	126739	21.592	ug/l	100
25) 2-Butanone	7.17	43	74577	104.436	ug/l	96
26) 2,2-Dichloropropane	7.17	77	74208	20.664	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	87628	21.419	ug/l	99
28) Bromochloromethane	7.51	49	46657	19.861	ug/l	99
29) Tetrahydrofuran	7.53	42	42179	105.453	ug/l	99
30) Chloroform	7.68	83	136896	21.454	ug/l	99
31) Cyclohexane	7.95	56	103534	20.679	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	112118	20.831	ug/l	98
36) 1,1-Dichloropropene	8.08	75	106312	20.898	ug/l	99
37) Ethyl Acetate	7.26	43	34010	20.460	ug/l	99
38) Carbon Tetrachloride	8.07	117	108924	20.591	ug/l	97

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Quant Time: Oct 12 23:26:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	119181	20.542	ug/l	95
40) Benzene	8.32	78	303336	21.398	ug/l	98
41) Methacrylonitrile	7.48	41	19028	19.318	ug/l	96
42) 1,2-Dichloroethane	8.40	62	83758	21.600	ug/l	99
43) Isopropyl Acetate	8.42	43	66887	21.005	ug/l	99
44) Trichloroethene	9.09	130	91938	20.953	ug/l	99
45) 1,2-Dichloropropane	9.37	63	68386	21.154	ug/l	99
46) Dibromomethane	9.46	93	38496	20.819	ug/l	97
47) Bromodichloromethane	9.65	83	97164	21.134	ug/l	99
48) Methyl methacrylate	9.43	41	30496	20.782	ug/l	97
49) 1,4-Dioxane	9.46	88	9132	429.360	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	163377	101.416	ug/l	99
52) Toluene	10.38	92	199910	21.333	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	88423	21.126	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	109615	21.441	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	54299	20.631	ug/l	97
56) Ethyl methacrylate	10.65	69	59248	20.693	ug/l	100
57) 1,3-Dichloropropane	10.93	76	92151	21.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	156080	98.372	ug/l	99
59) 2-Hexanone	10.97	43	108907	102.176	ug/l	99
60) Dibromochloromethane	11.13	129	69860	21.641	ug/l	97
61) 1,2-Dibromoethane	11.23	107	54156	20.777	ug/l	99
64) Tetrachloroethene	10.87	164	80000	21.633	ug/l	99
65) Chlorobenzene	11.66	112	221093	21.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	77152	21.428	ug/l	98
67) Ethyl Benzene	11.73	91	385942	21.754	ug/l	100
68) m/p-Xylenes	11.84	106	300754	43.588	ug/l	99
69) o-Xylene	12.16	106	139940	22.101	ug/l	99
70) Styrene	12.18	104	231146	21.934	ug/l	99
71) Bromoform	12.35	173	37625	20.815	ug/l #	97
73) Isopropylbenzene	12.46	105	384627	21.280	ug/l	100
74) N-amyl acetate	12.27	43	59524	20.502	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	58071	20.477	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	38421m	18.935	ug/l	
77) Bromobenzene	12.75	156	96055	21.499	ug/l	99
78) n-propylbenzene	12.80	91	443529	21.278	ug/l	100
79) 2-Chlorotoluene	12.89	91	252165	21.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	323928	21.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15739	20.849	ug/l	97
82) 4-Chlorotoluene	12.99	91	259556	21.145	ug/l	99
83) tert-Butylbenzene	13.21	119	276847	21.043	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	321151	21.277	ug/l	99
85) sec-Butylbenzene	13.38	105	385471	21.050	ug/l	99
86) p-Isopropyltoluene	13.50	119	362733	21.272	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	180590	20.901	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	178027	20.909	ug/l	98
89) n-Butylbenzene	13.82	91	321725	20.943	ug/l	99
90) Hexachloroethane	14.09	117	55841	21.223	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	157740	21.160	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8830	20.332	ug/l	99

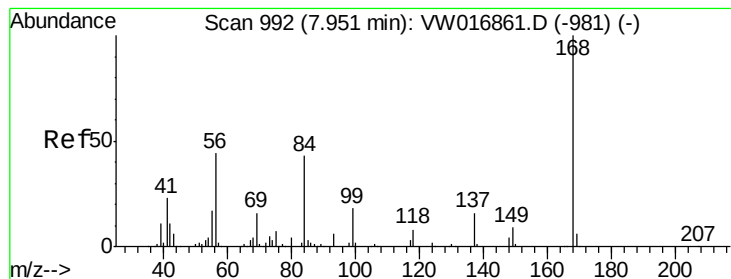
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101320\
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Quant Title : SW846 8260
QLast Update : Sat Oct 10 05:14:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	106070	20.621	ug/l	99
94) Hexachlorobutadiene	15.23	225	69623	20.880	ug/l	98
95) Naphthalene	15.37	128	171314	20.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	93250	20.839	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

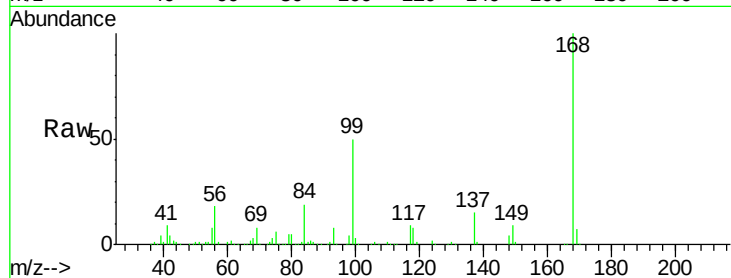
VW1013SBS01

Tot Ion:168 Resp: 406589

Ion Ratio Lower Upper

168 100

99 50.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

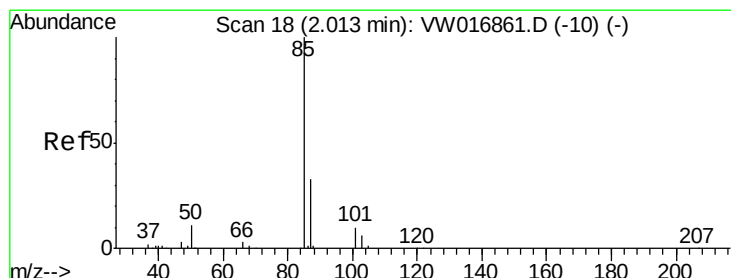
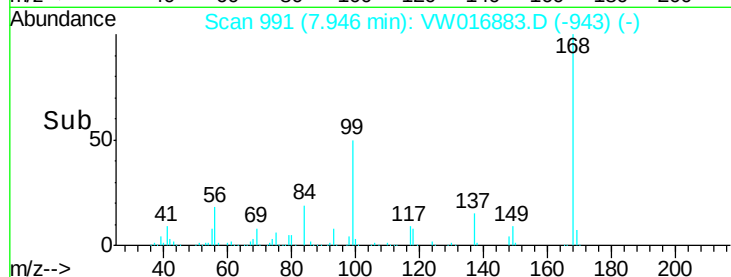
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.788 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016883.D

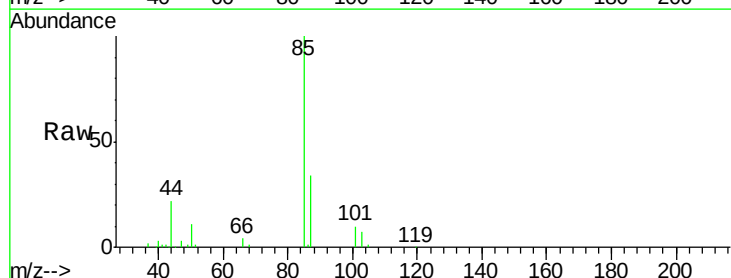
Acq: 12 Oct 2020 15:50

Tgt Ion: 85 Resp: 49632

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

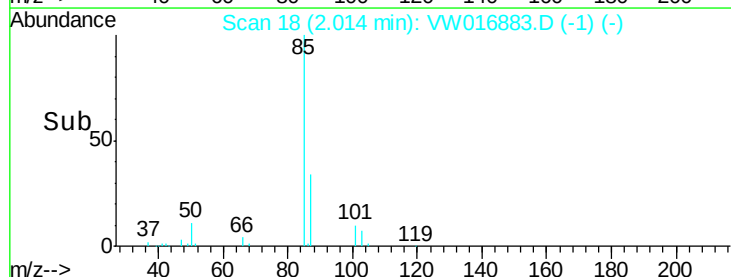
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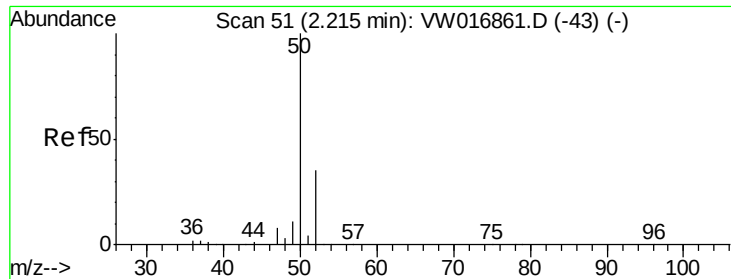
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 19.797 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

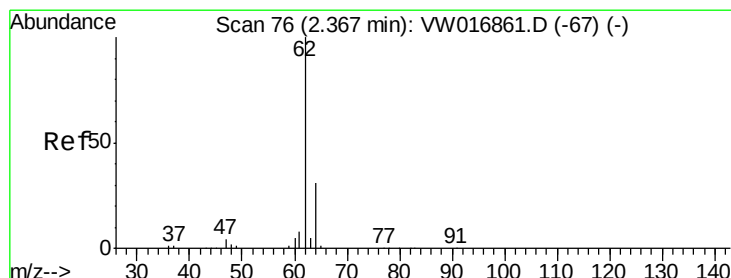
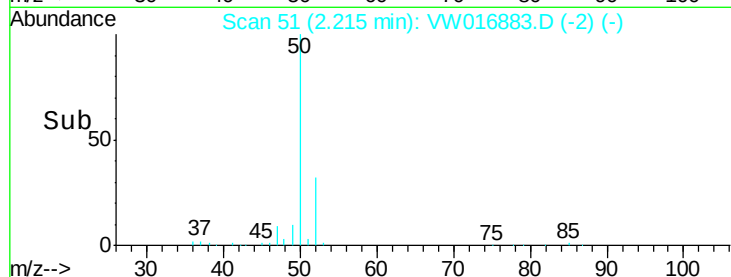
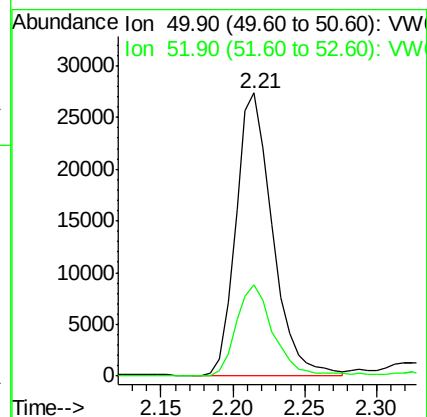
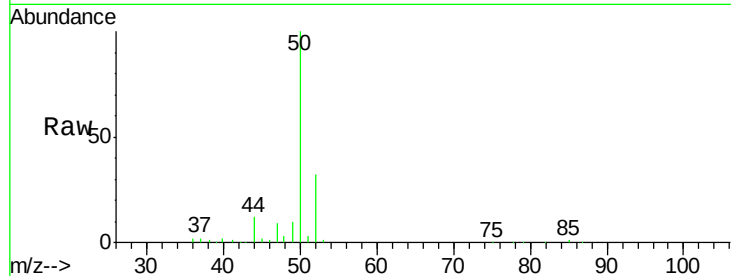
VW1013SBS01

Tot Ion: 50 Resp: 48138

Ion Ratio Lower Upper

50 100

52 32.5 27.6 41.4



#4

Vinyl Chloride

Concen: 21.388 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016883.D

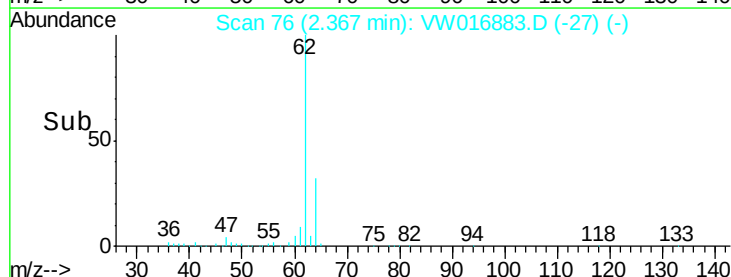
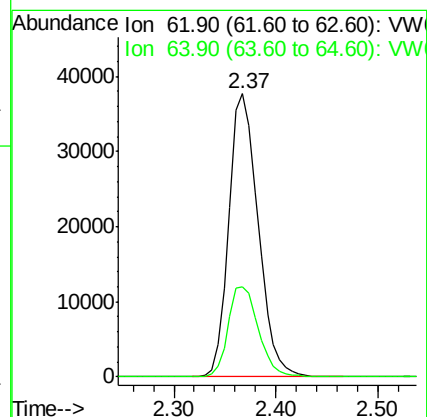
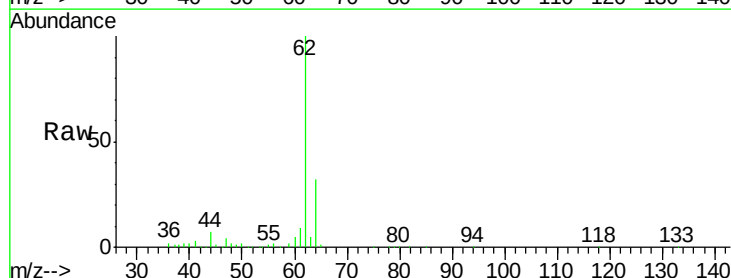
Acq: 12 Oct 2020 15:50

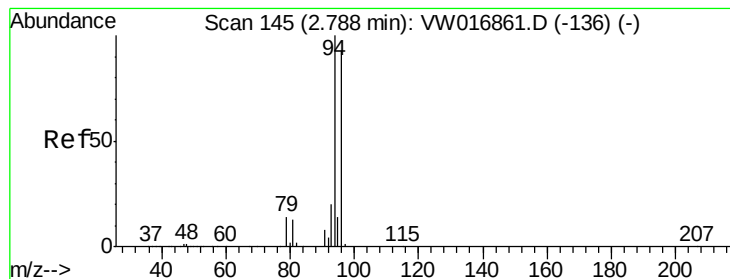
Tgt Ion: 62 Resp: 75206

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.4





#5

Bromomethane

Concen: 20.306 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

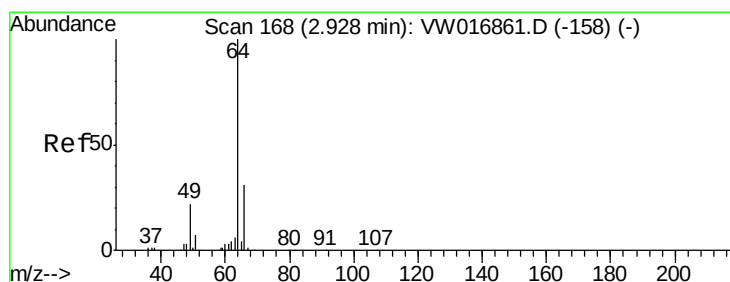
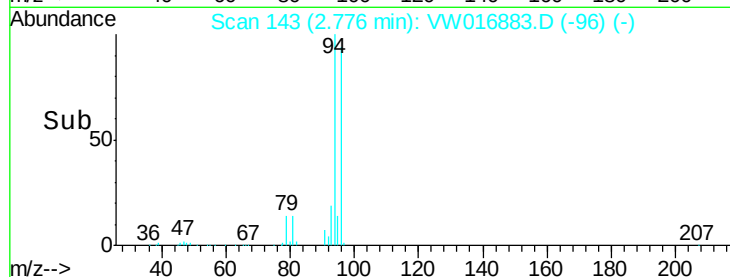
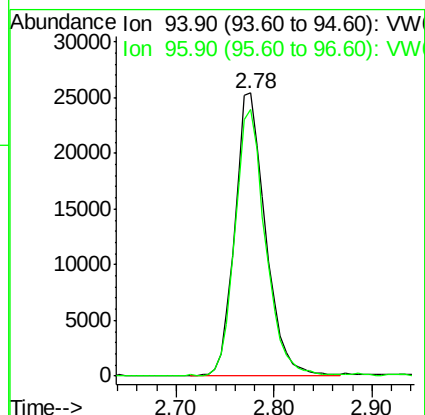
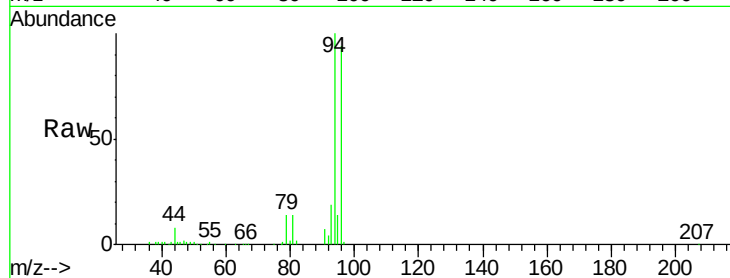
VW1013SBS01

Tot Ion: 94 Resp: 54836

Ion Ratio Lower Upper

94 100

96 94.2 74.7 112.1



#6

Chloroethane

Concen: 20.610 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016883.D

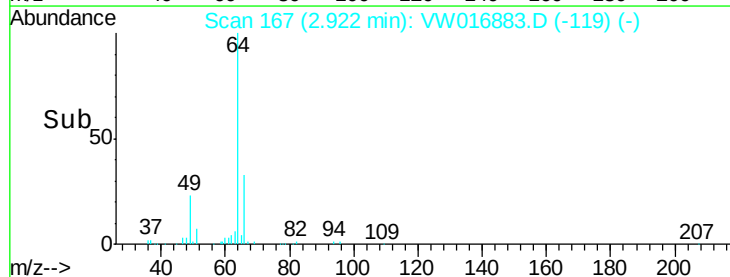
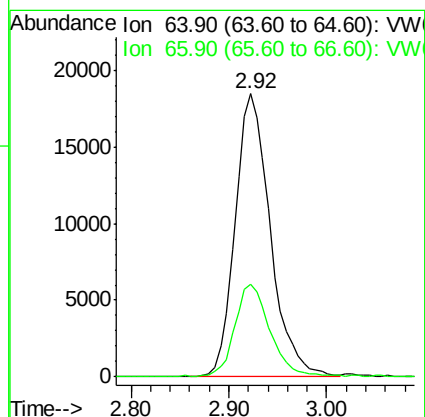
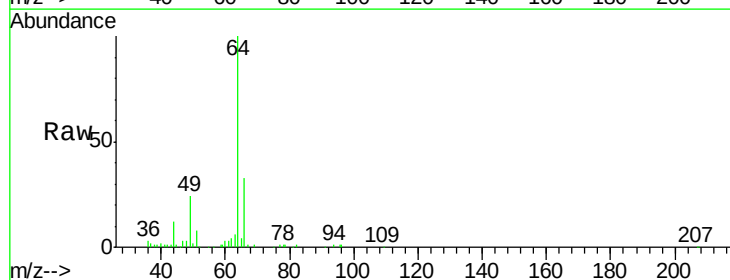
Acq: 12 Oct 2020 15:50

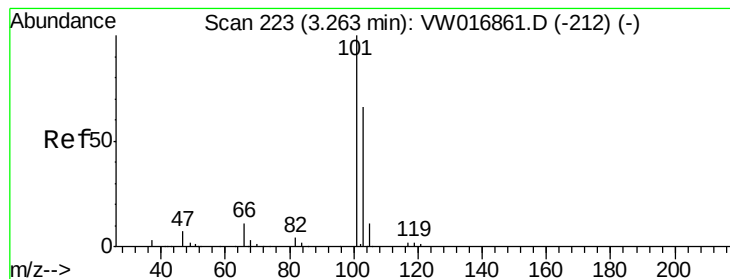
Tgt Ion: 64 Resp: 46118

Ion Ratio Lower Upper

64 100

66 32.7 25.0 37.6



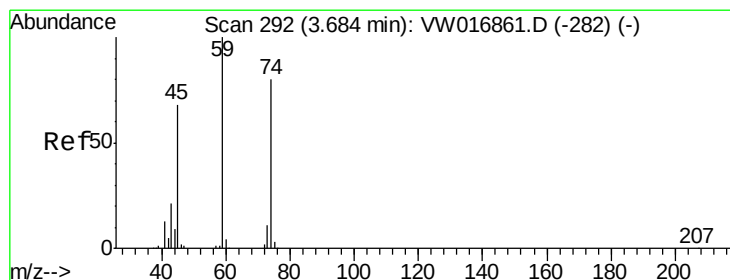
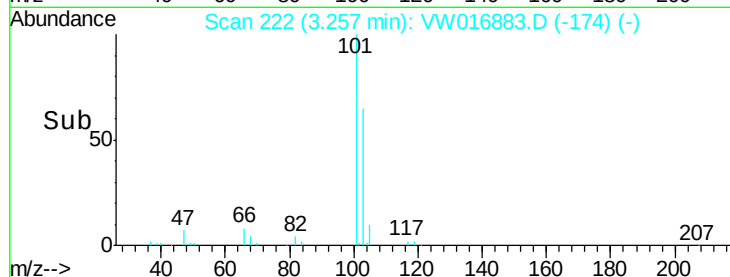
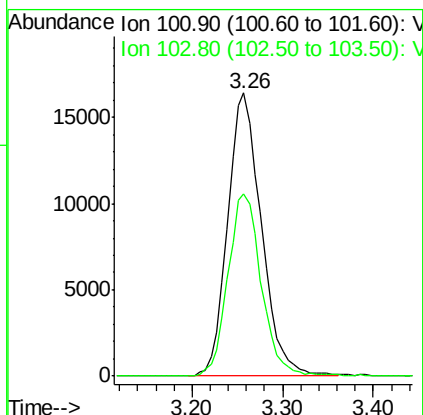
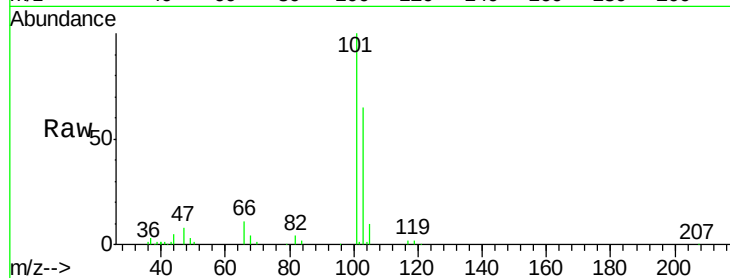


#7

Trichlorofluoromethane
 Concen: 16.527 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Instrument :
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 VW1013SBS01

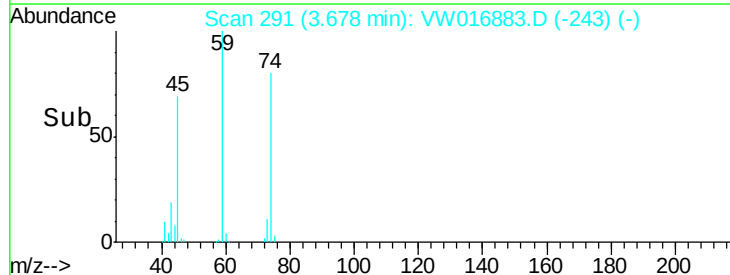
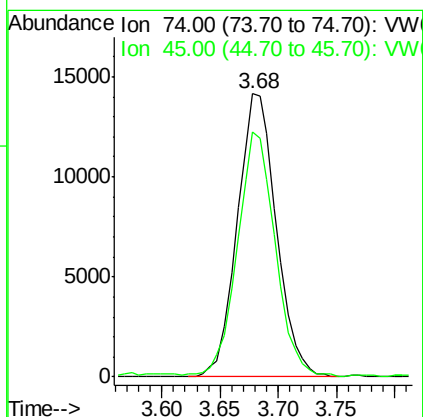
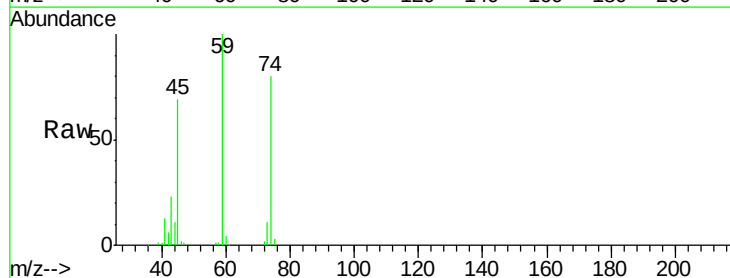
Tot Ion:101 Resp: 42310
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 79.0

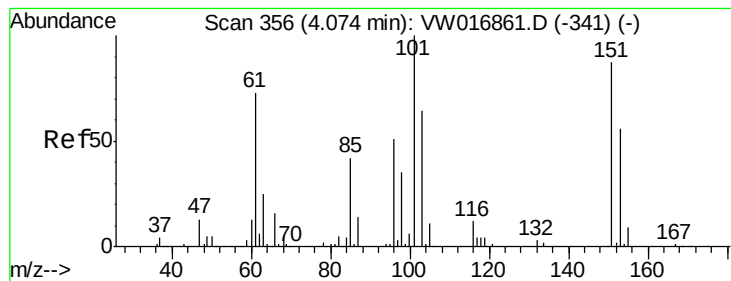


#8

Diethyl Ether
 Concen: 20.567 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion: 74 Resp: 32886
 Ion Ratio Lower Upper
 74 100
 45 84.8 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.591 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

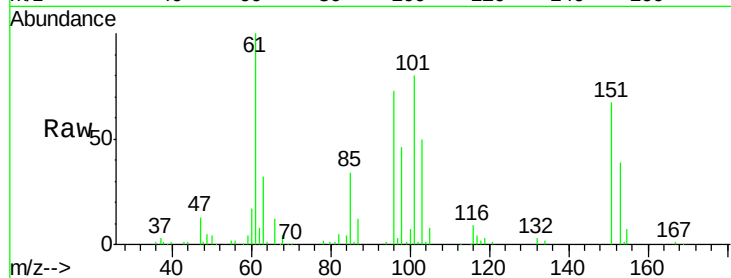
Tot Ion:101 Resp: 70978

Ion Ratio Lower Upper

101 100

85 40.5 33.2 49.8

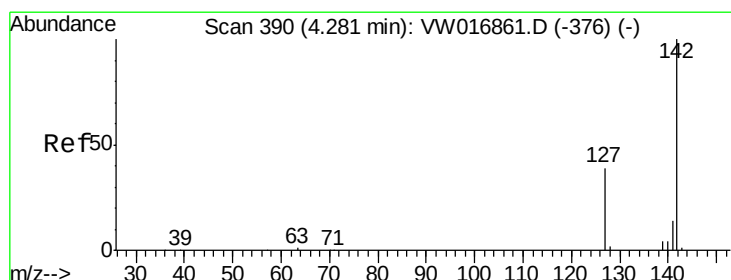
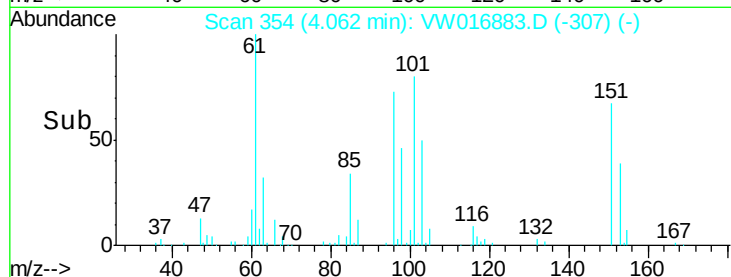
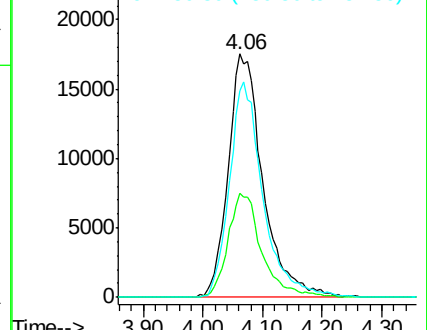
151 85.4 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.007 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

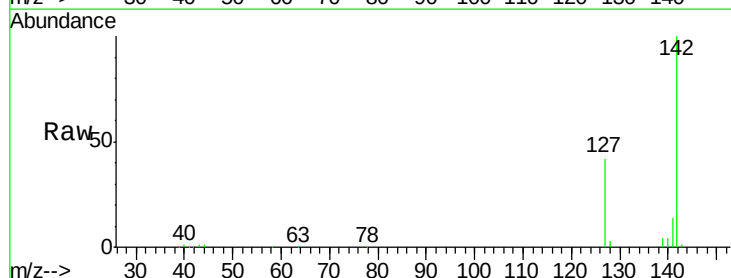
Tgt Ion:142 Resp: 115767

Ion Ratio Lower Upper

142 100

127 41.4 32.4 48.6

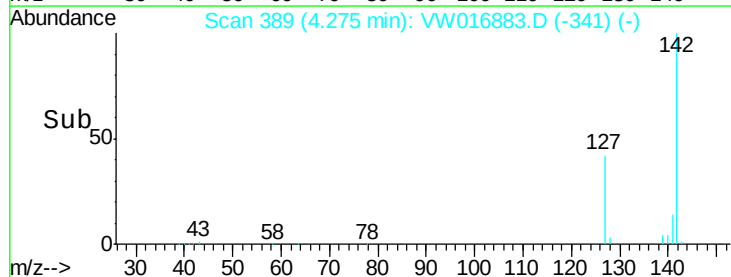
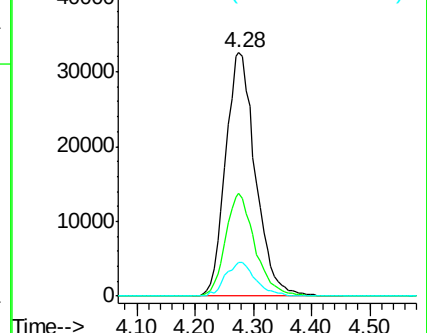
141 14.0 11.4 17.0

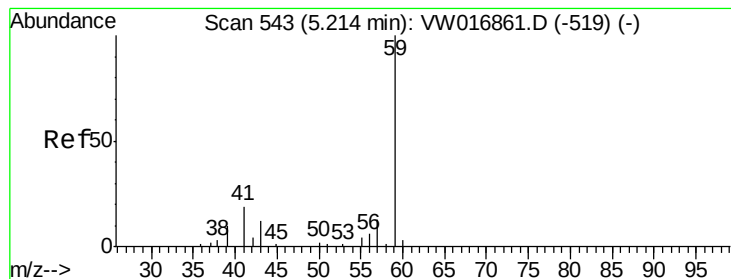


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



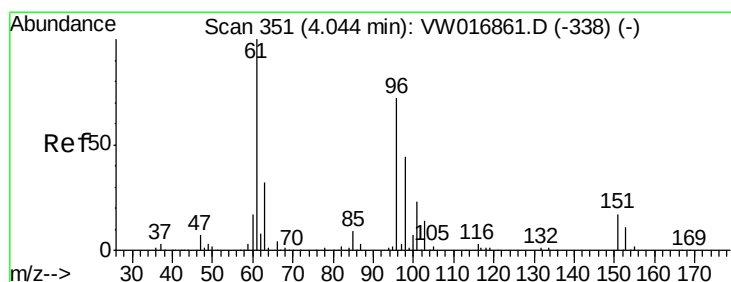
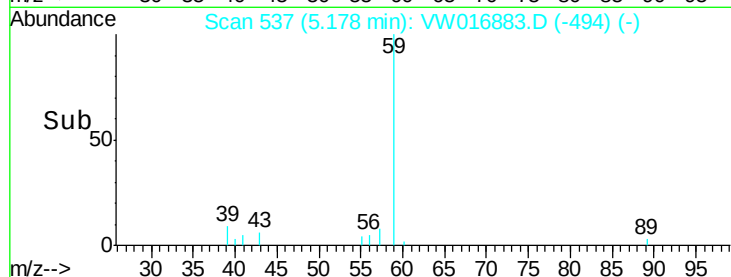
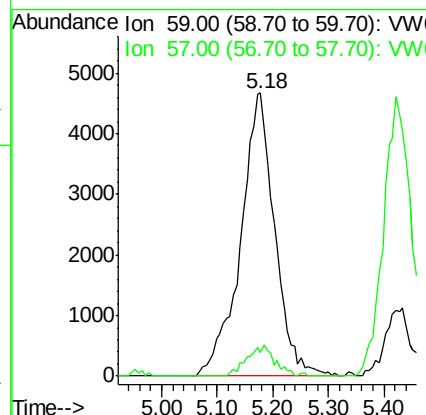
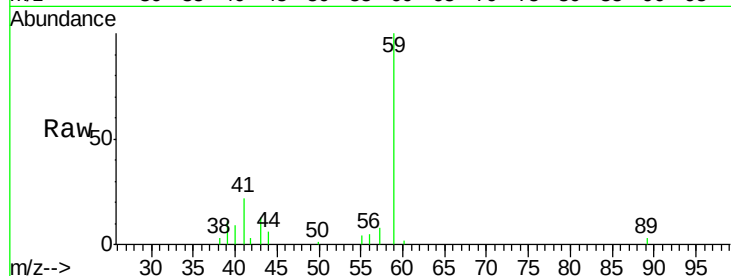


#11

Tert butyl alcohol
 Concen: 123.068 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.04 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

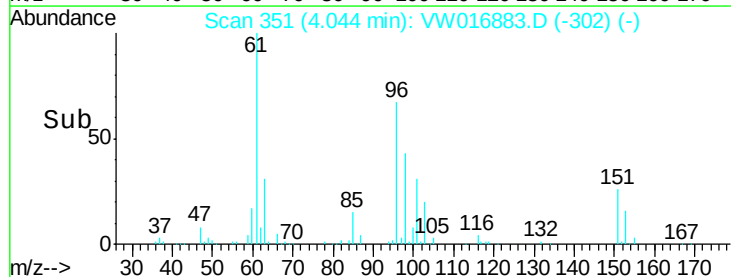
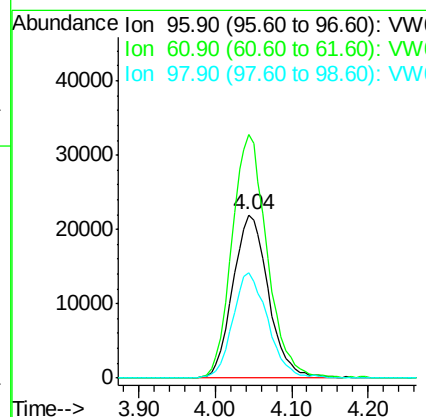
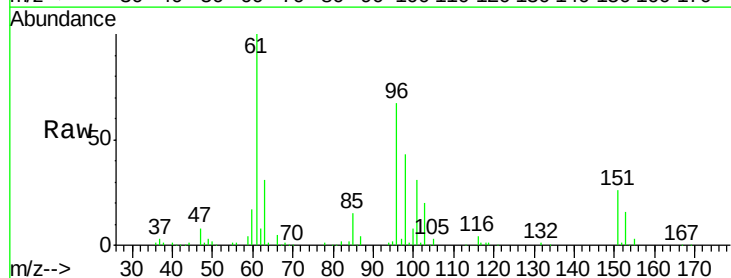
Tot Ion: 59 Resp: 19891
 Ion Ratio Lower Upper
 59 100
 57 4.8 4.7 7.1

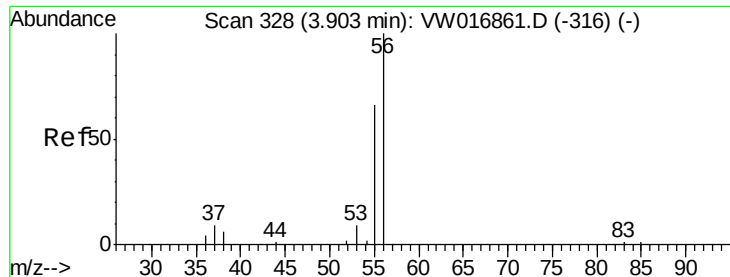


#12

1,1-Dichloroethene
 Concen: 20.768 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion: 96 Resp: 70662
 Ion Ratio Lower Upper
 96 100
 61 149.1 111.7 167.5
 98 64.3 49.0 73.4





#13

Acrolein

Concen: 97.956 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

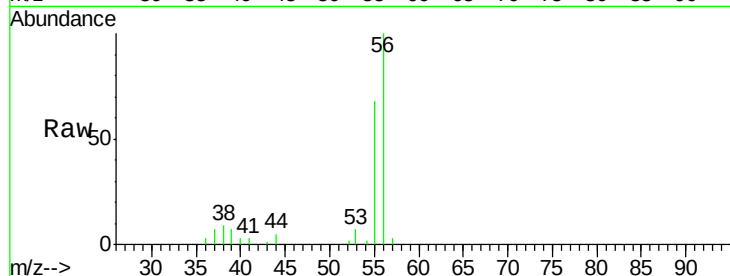
VW1013SBS01

Tot Ion: 56 Resp: 21404

Ion Ratio Lower Upper

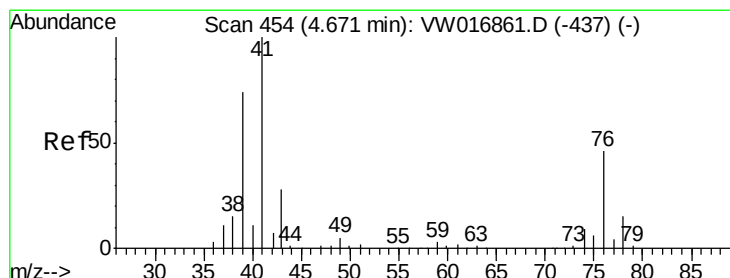
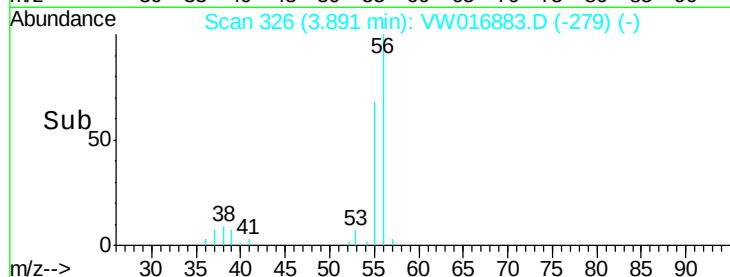
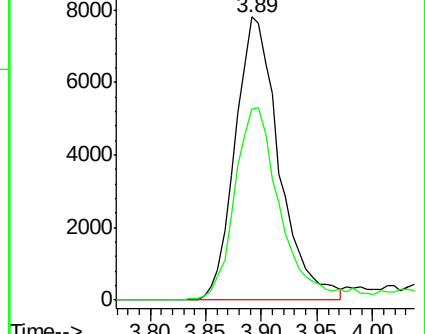
56 100

55 68.8 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.036 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

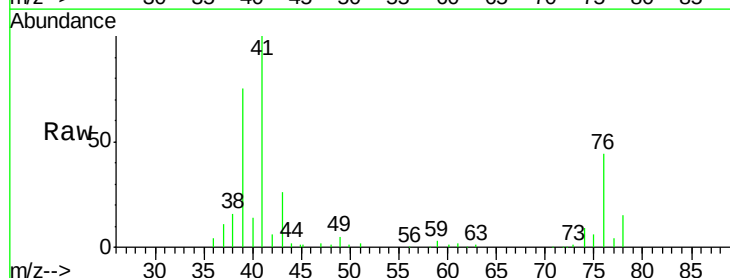
Tgt Ion: 41 Resp: 85677

Ion Ratio Lower Upper

41 100

39 73.0 57.8 86.8

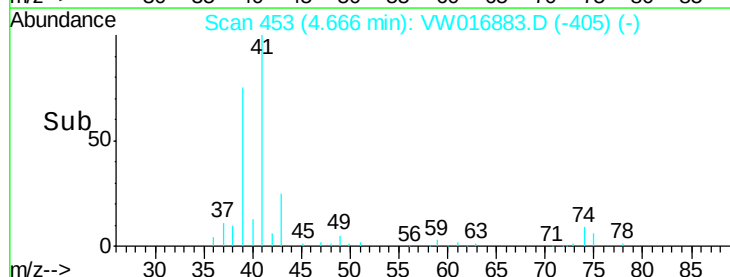
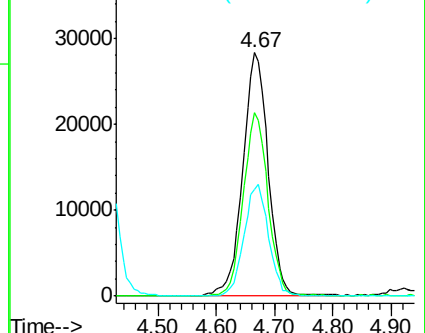
76 44.2 35.1 52.7

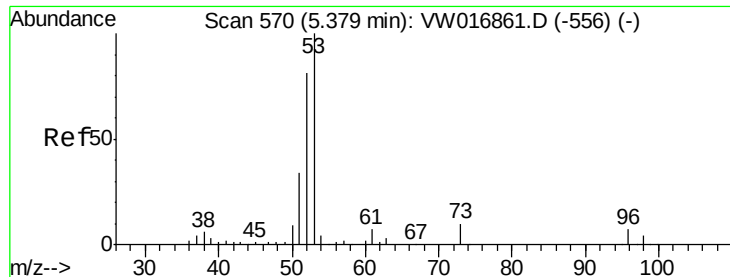


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 104.097 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

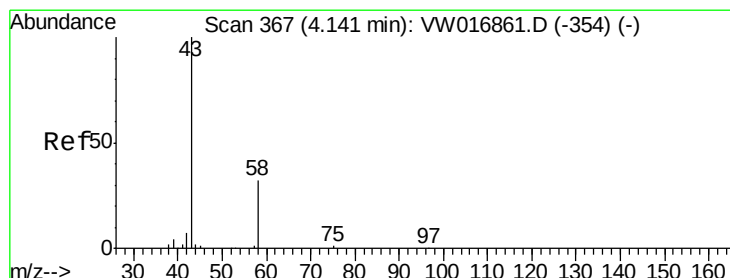
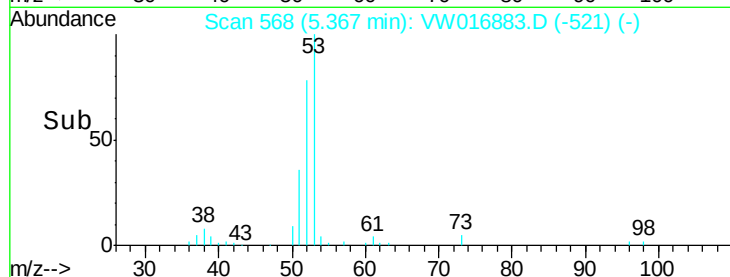
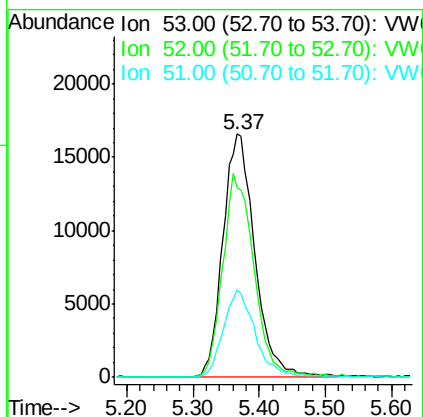
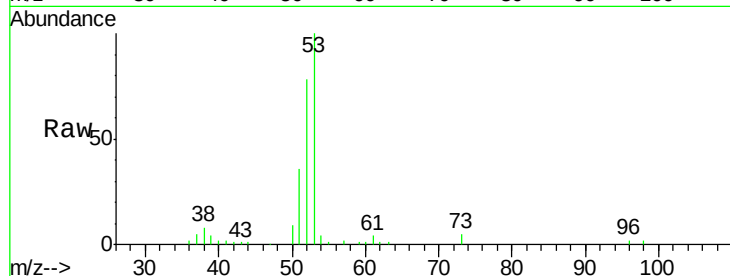
Tot Ion: 53 Resp: 55405

Ion Ratio Lower Upper

53 100

52 81.3 65.0 97.4

51 35.9 29.1 43.7



#16

Acetone

Concen: 92.889 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016883.D

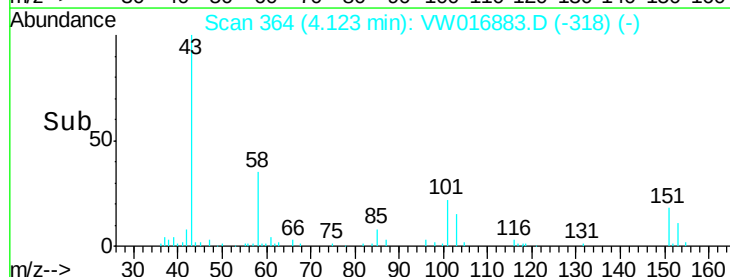
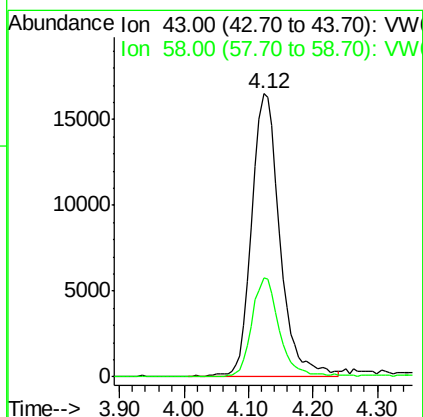
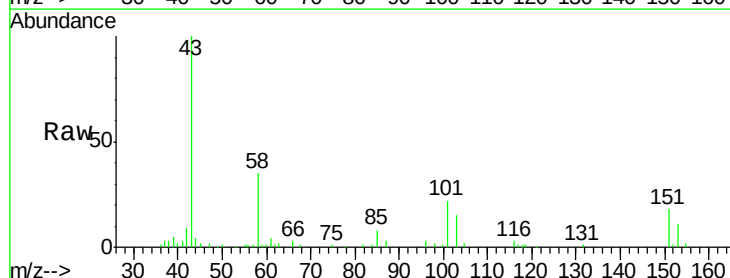
Acq: 12 Oct 2020 15:50

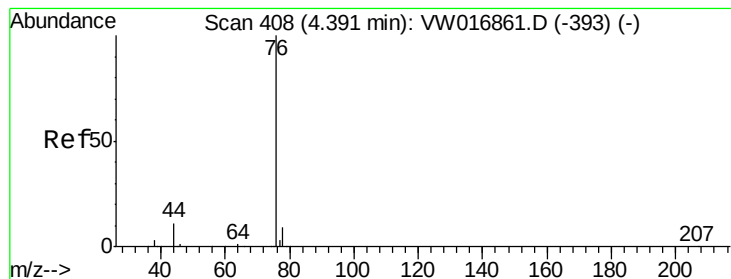
Tgt Ion: 43 Resp: 49755

Ion Ratio Lower Upper

43 100

58 34.9 25.7 38.5





#17

Carbon Disulfide

Concen: 20.876 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

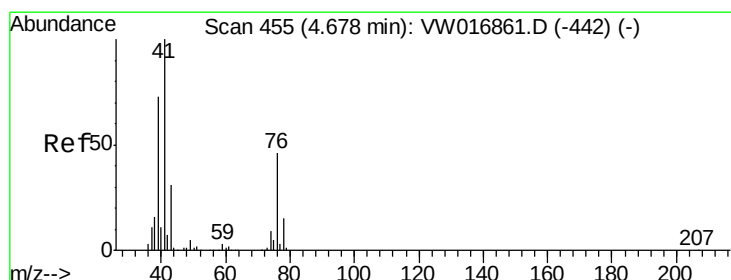
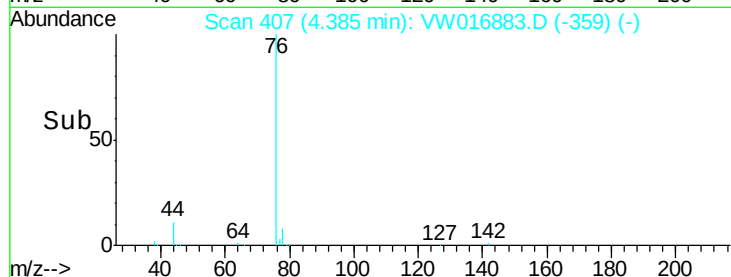
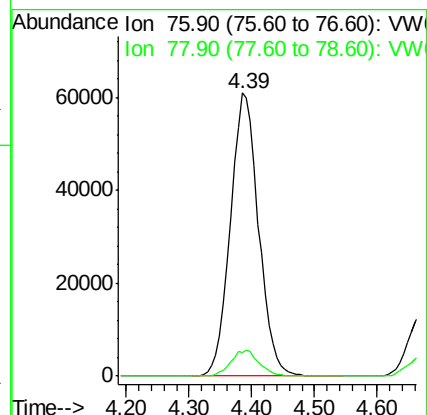
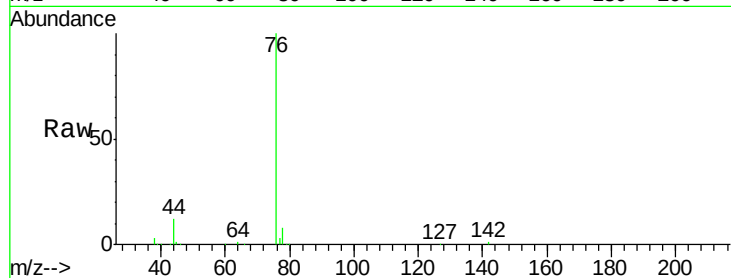
VW1013SBS01

Tot Ion: 76 Resp: 188984

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.2



#18

Methyl Acetate

Concen: 20.277 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW016883.D

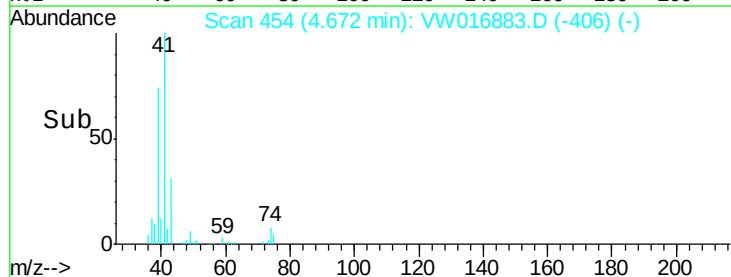
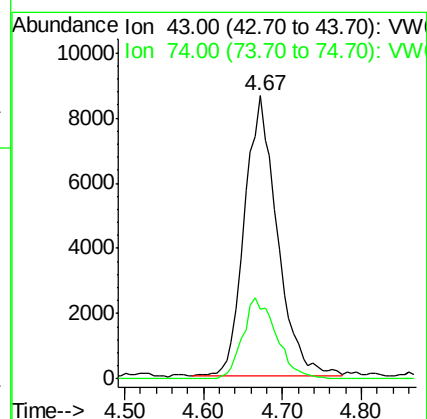
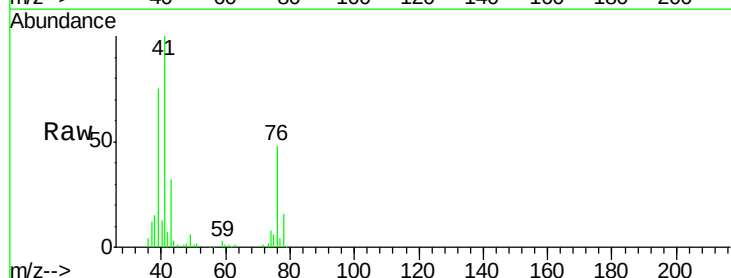
Acq: 12 Oct 2020 15:50

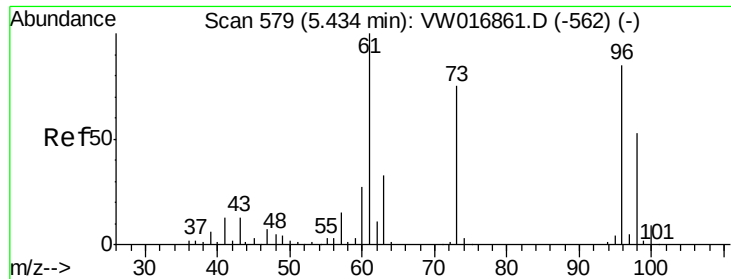
Tgt Ion: 43 Resp: 24911

Ion Ratio Lower Upper

43 100

74 29.5 23.8 35.6

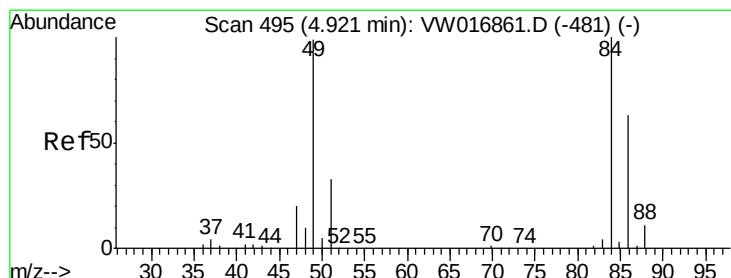
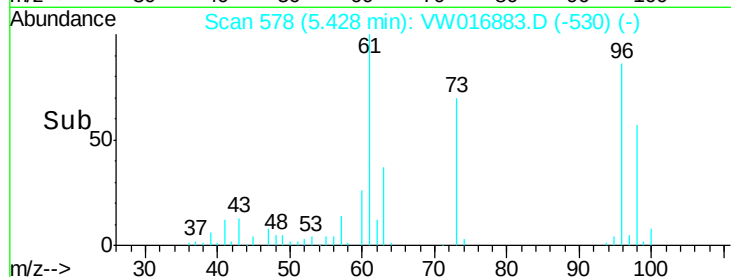
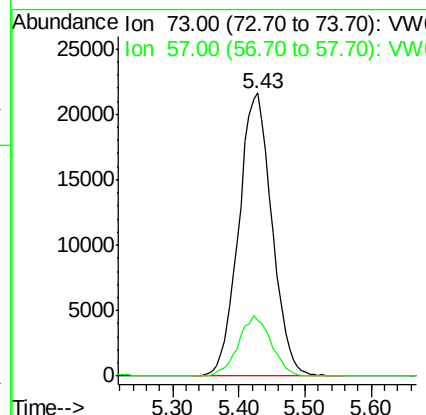
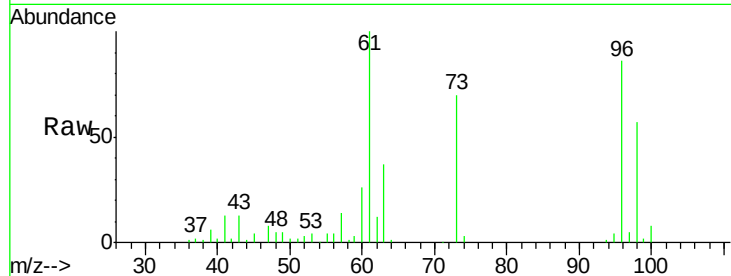




#19
Methyl tert-butyl Ether
Concen: 20.562 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

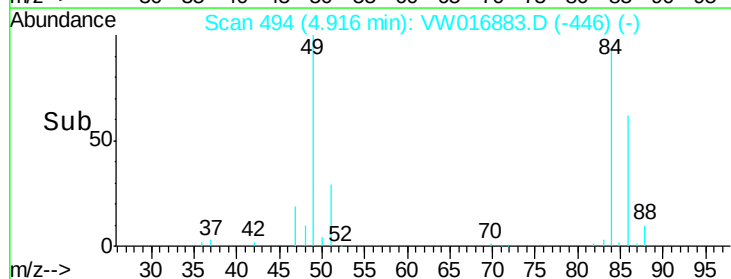
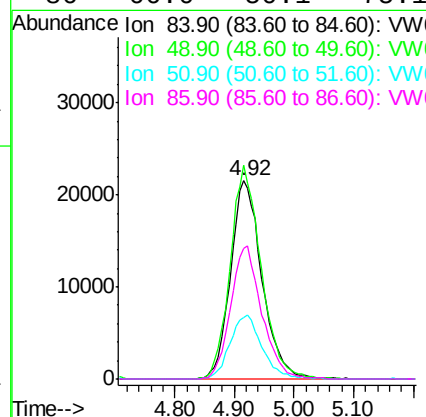
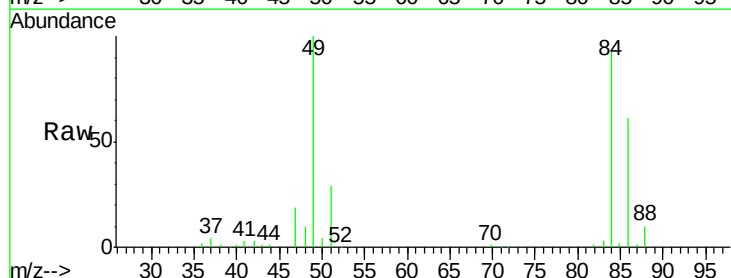
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

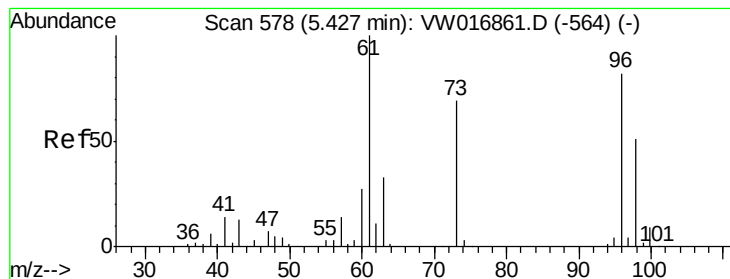
Tot Ion: 73 Resp: 75403
Ion Ratio Lower Upper
73 100
57 19.8 16.1 24.1



#20
Methylene Chloride
Concen: 18.977 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion: 84 Resp: 78776
Ion Ratio Lower Upper
84 100
49 107.8 79.0 118.6
51 30.8 26.1 39.1
86 66.0 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 21.300 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

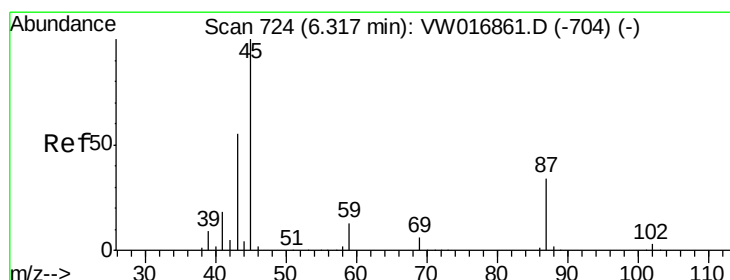
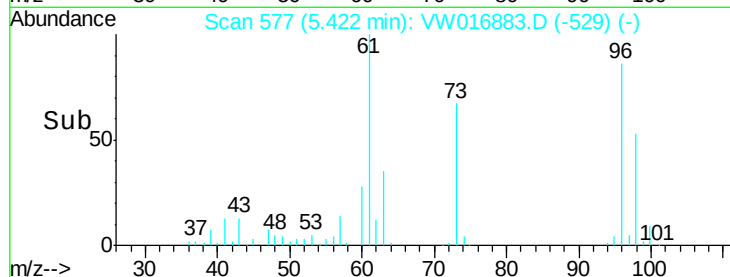
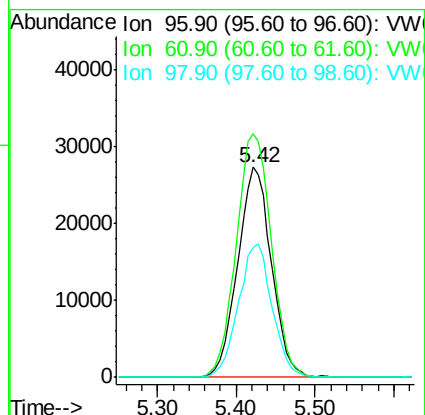
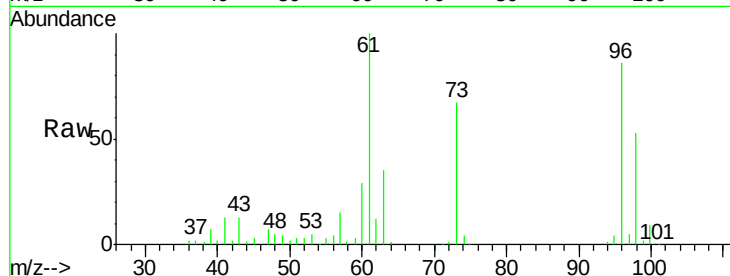
Tot Ion: 96 Resp: 81360

Ion Ratio Lower Upper

96 100

61 116.0 97.4 146.0

98 61.9 49.4 74.0



#22

Diisopropyl ether

Concen: 21.541 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Tgt Ion: 45 Resp: 159450

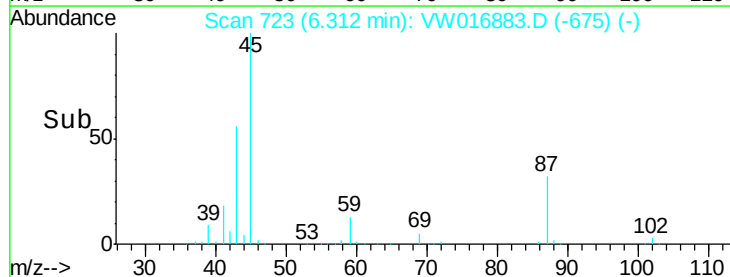
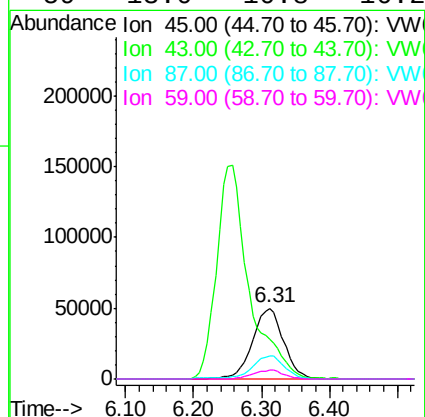
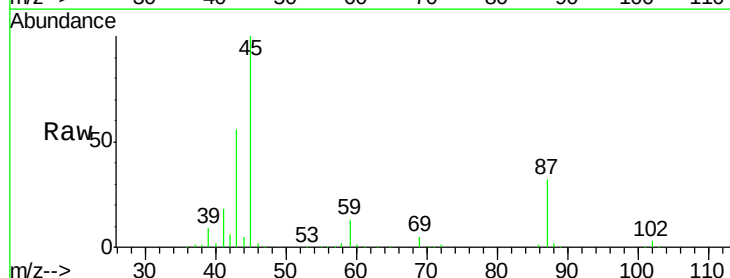
Ion Ratio Lower Upper

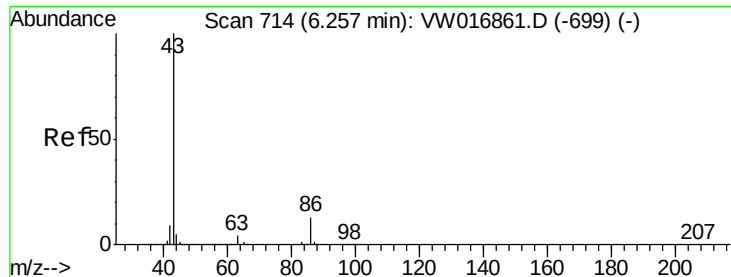
45 100

43 55.8 43.8 65.8

87 32.1 27.6 41.4

59 13.0 10.8 16.2





#23

Vinyl Acetate

Concen: 105.582 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

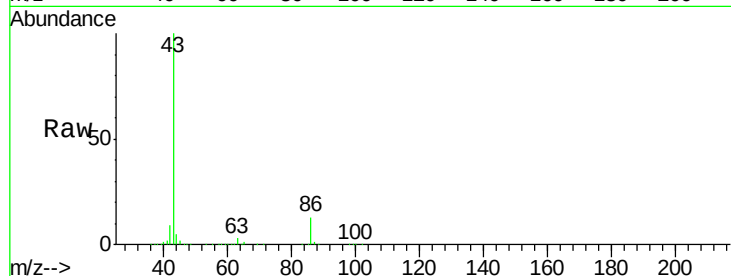
VW1013SBS01

Tot Ion: 43 Resp: 500793

Ion Ratio Lower Upper

43 100

86 13.1 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

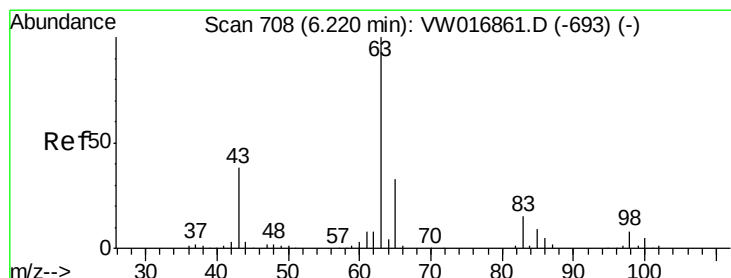
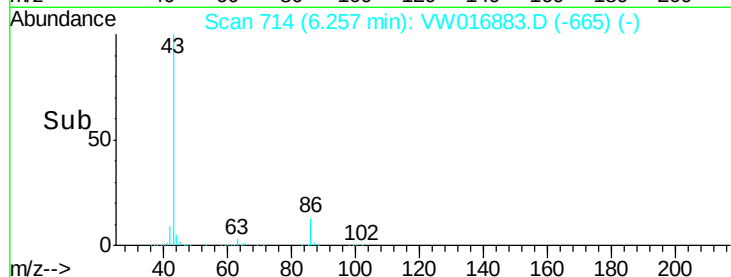
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.592 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

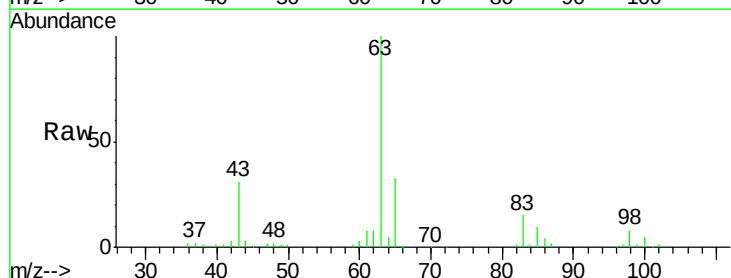
Tgt Ion: 63 Resp: 126739

Ion Ratio Lower Upper

63 100

98 8.4 4.2 12.6

100 5.1 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

50000

40000

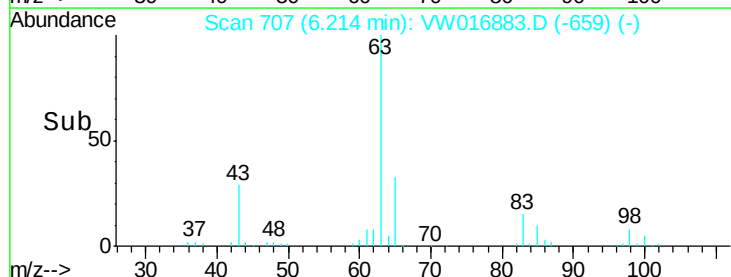
30000

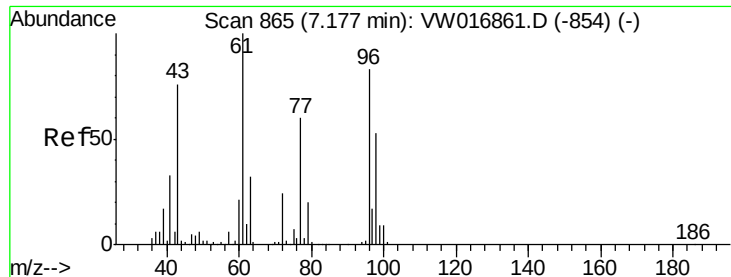
20000

10000

0

Time-->





#25

2-Butanone

Concen: 104.436 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

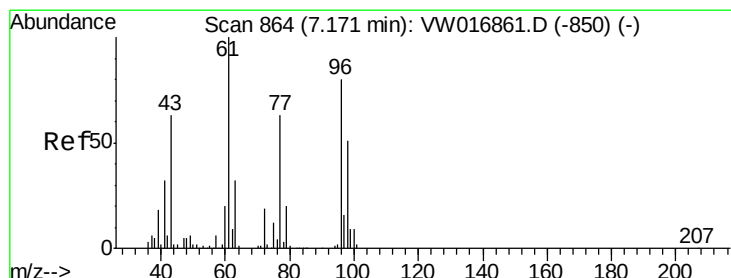
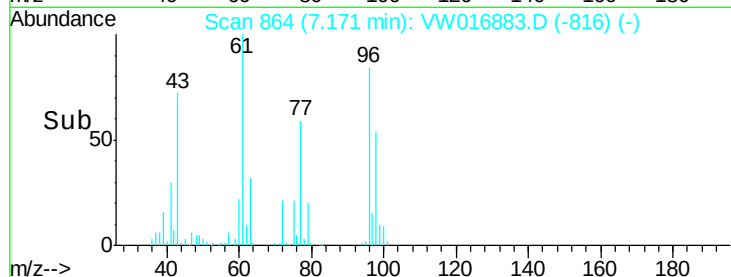
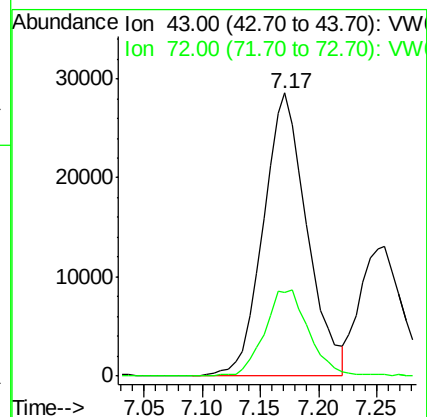
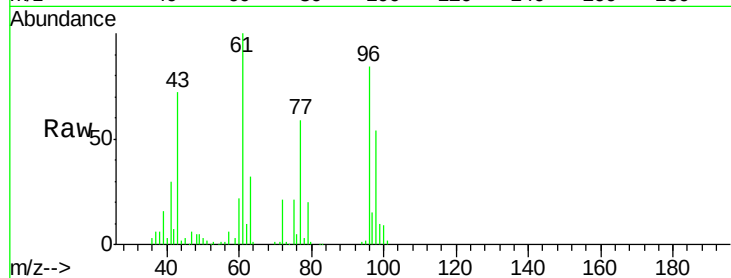
VW1013SBS01

Tot Ion: 43 Resp: 74577

Ion Ratio Lower Upper

43 100

72 29.5 25.4 38.2



#26

2,2-Dichloropropane

Concen: 20.664 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016883.D

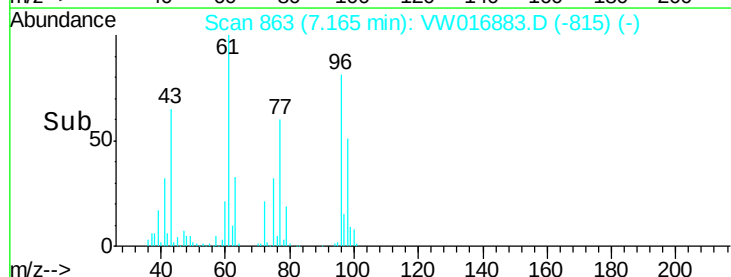
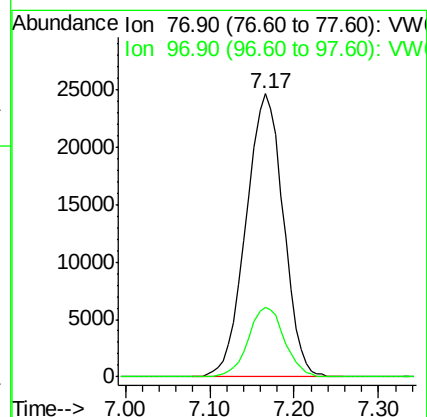
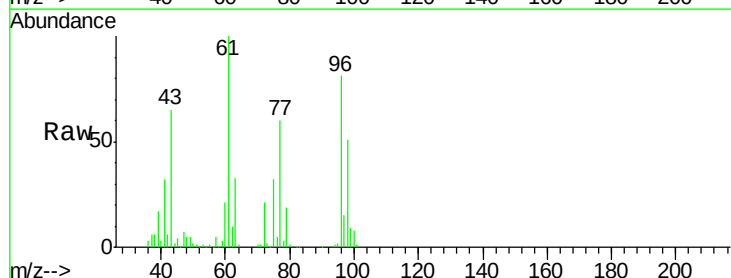
Acq: 12 Oct 2020 15:50

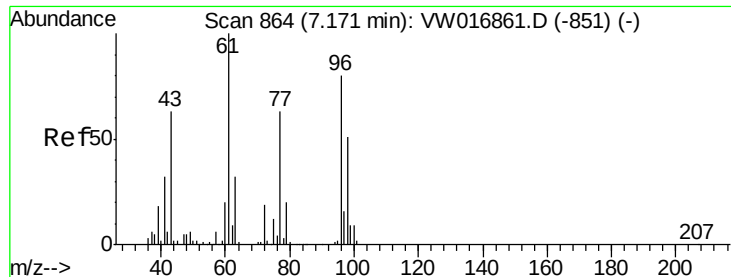
Tgt Ion: 77 Resp: 74208

Ion Ratio Lower Upper

77 100

97 23.7 12.4 37.4



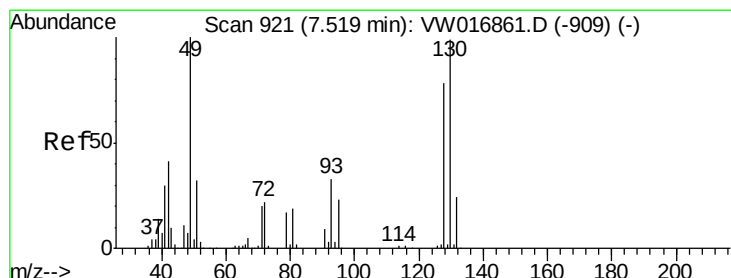
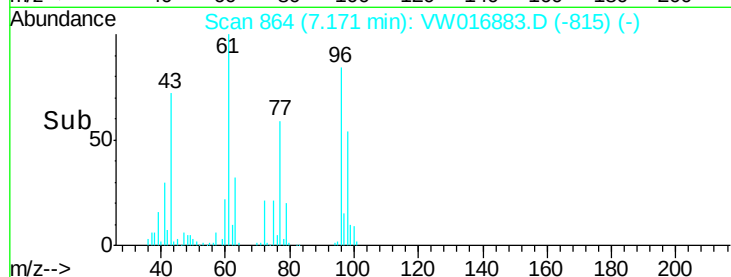
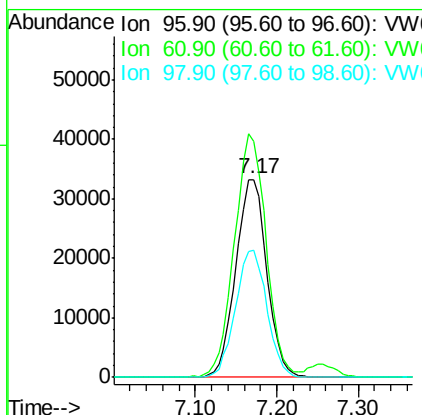
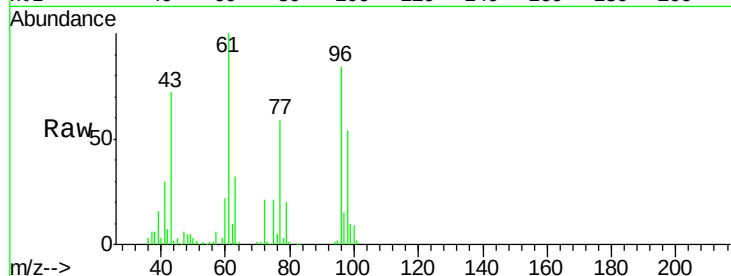


#27

cis-1,2-Dichloroethene
Concen: 21.419 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Instrument :
MSVOA_W
ClientSampled :
VW1013SBS01

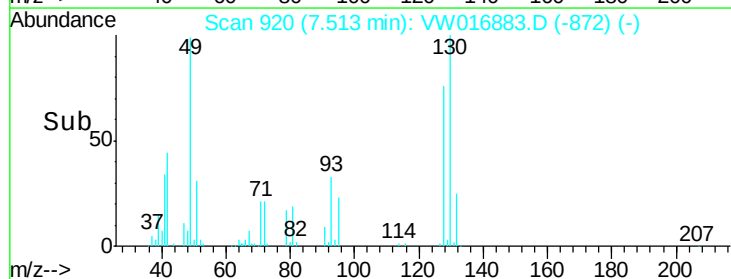
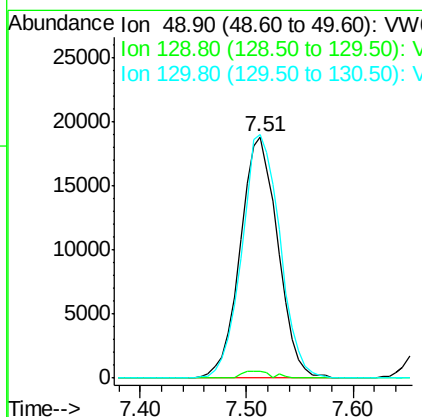
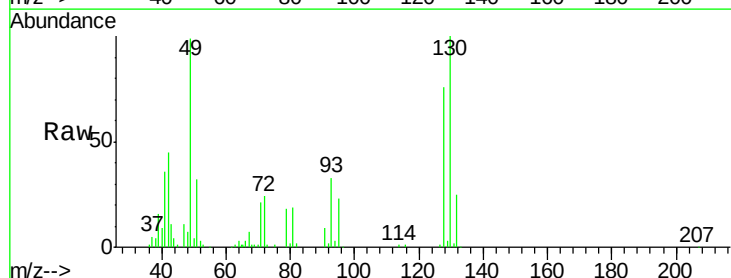
Tot Ion	96	Resp	87628
Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	249.6
98	64.8	0.0	129.4

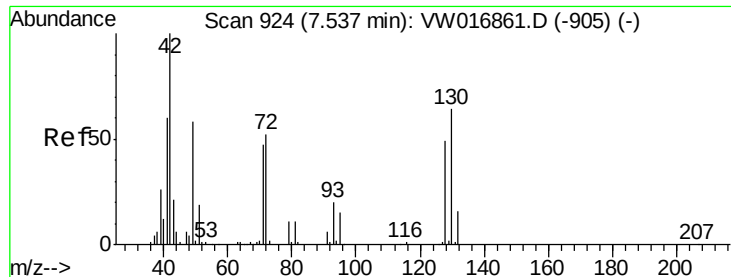


#28

Bromochloromethane
Concen: 19.861 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion	49	Resp	46657
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	102.5	81.3	121.9

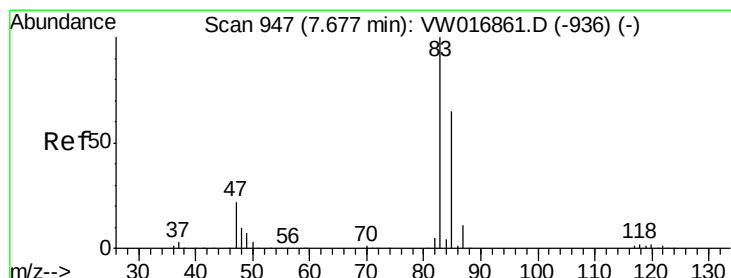
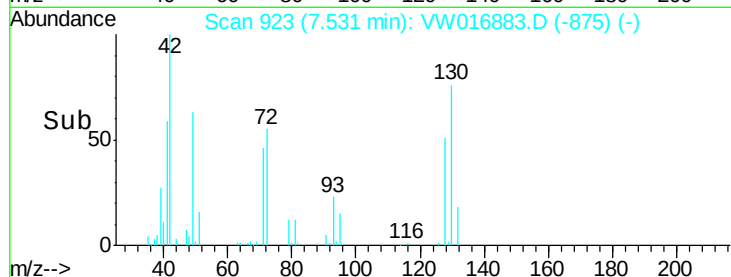
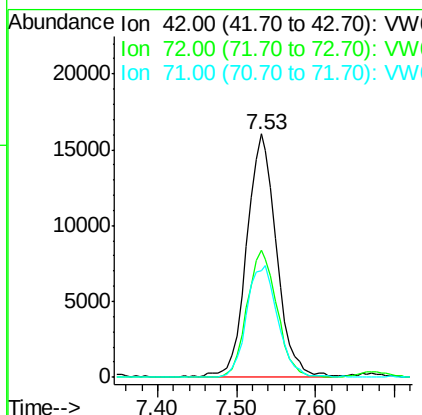
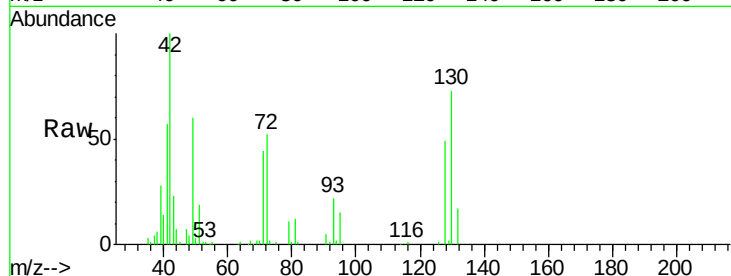




#29
Tetrahydrofuran
Concen: 105.453 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

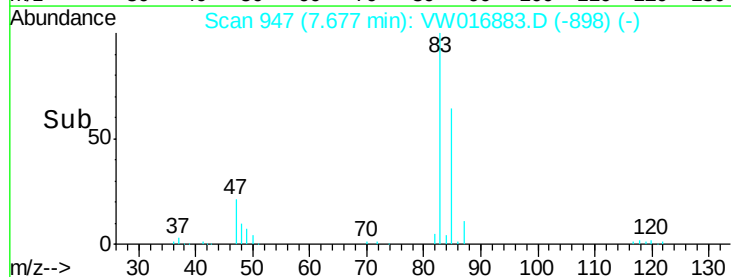
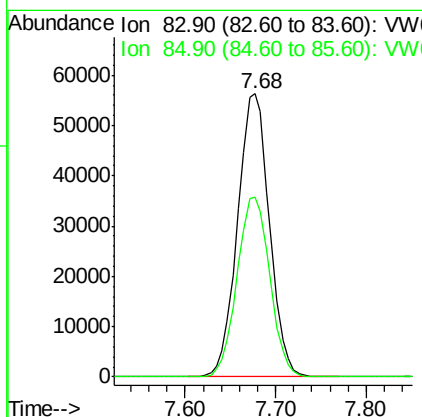
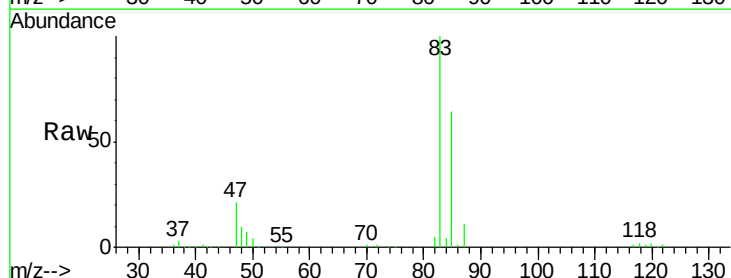
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

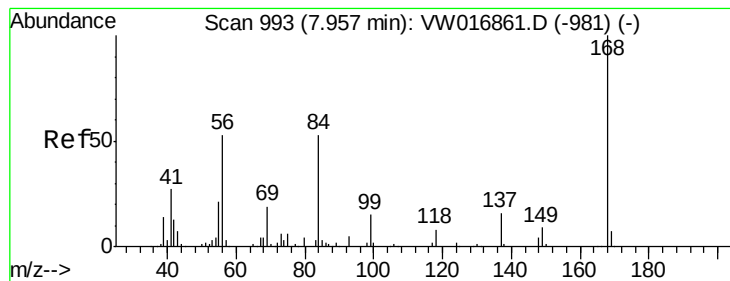
Tot Ion: 42 Resp: 42179
Ion Ratio Lower Upper
42 100
72 52.1 42.0 63.0
71 47.8 39.0 58.6



#30
Chloroform
Concen: 21.454 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion: 83 Resp: 136896
Ion Ratio Lower Upper
83 100
85 63.6 51.7 77.5





#31

Cyclohexane

Concen: 20.679 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampled :

VW1013SBS01

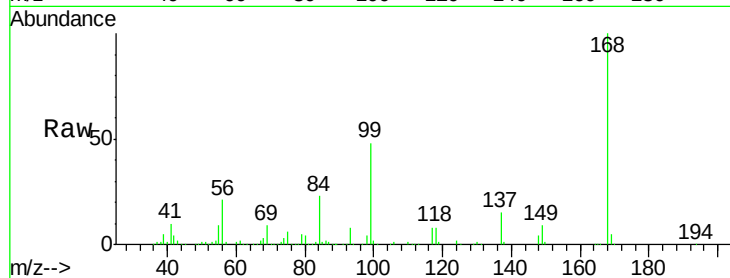
Tot Ion: 56 Resp: 103534

Ion Ratio Lower Upper

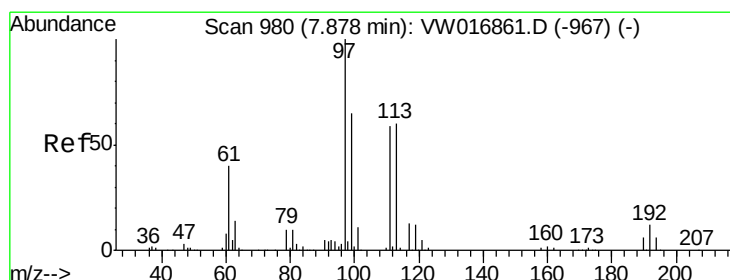
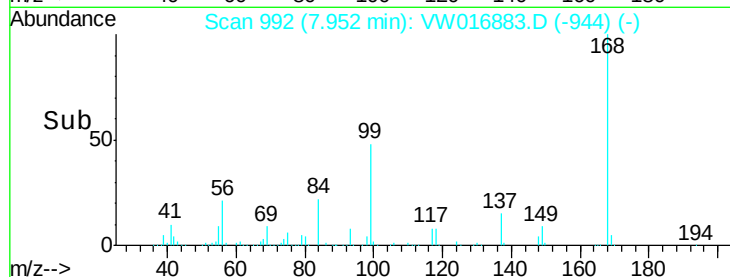
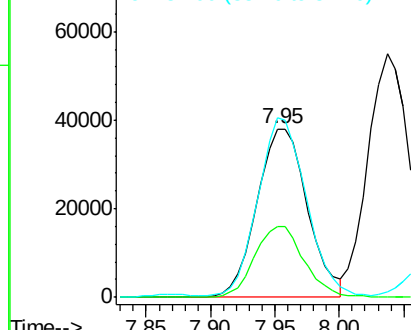
56 100

69 41.8 29.3 43.9

84 105.0 80.5 120.7



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: 20.831 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

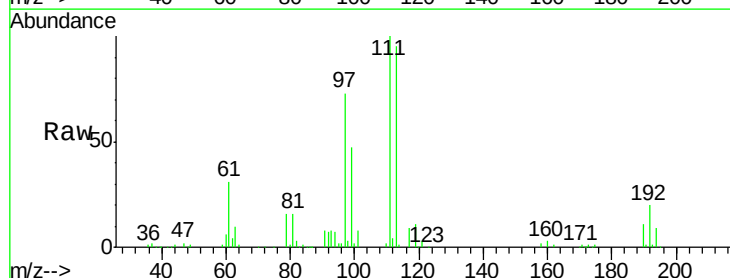
Tgt Ion: 97 Resp: 112118

Ion Ratio Lower Upper

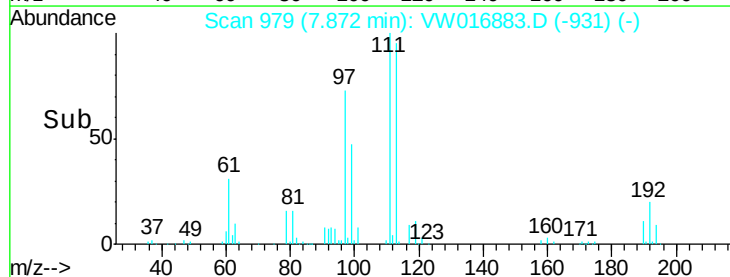
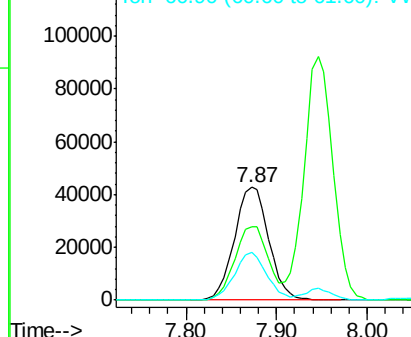
97 100

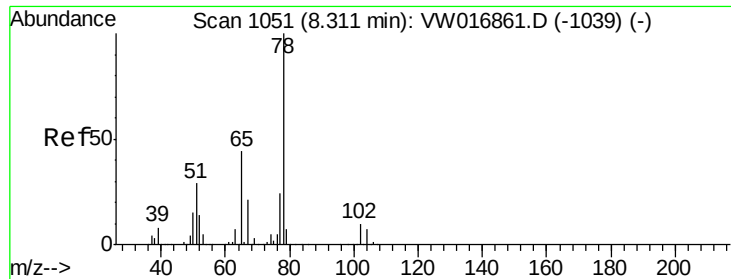
99 63.3 52.4 78.6

61 39.6 31.9 47.9



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

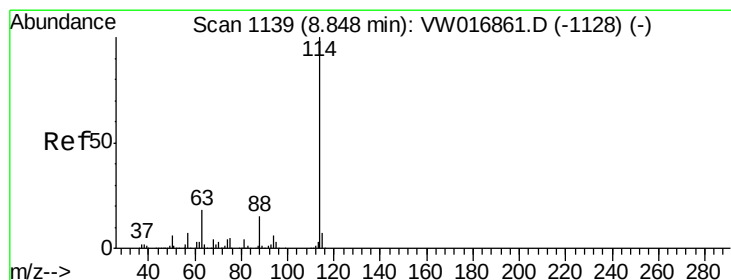
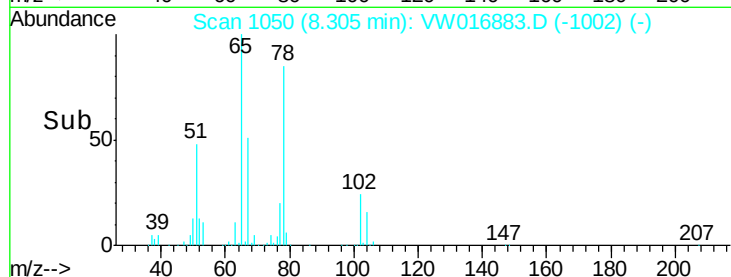
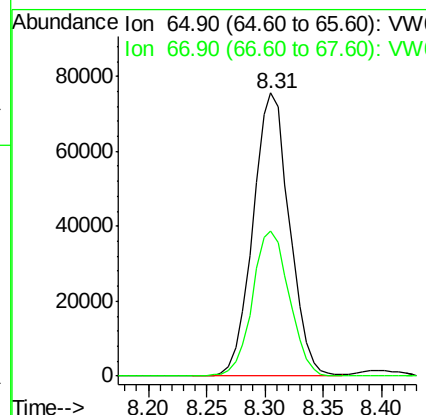
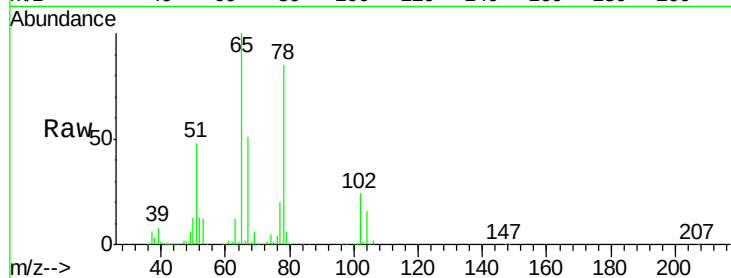




#33
 1,2-Dichloroethane-d4
 Concen: 49.774 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

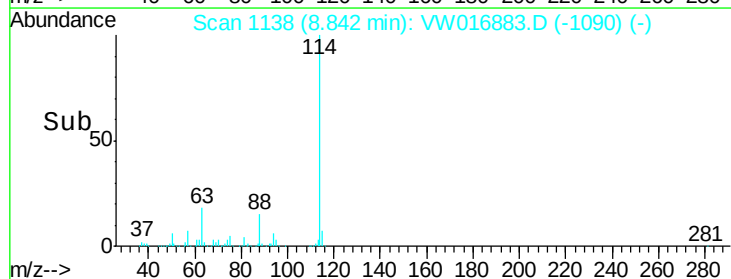
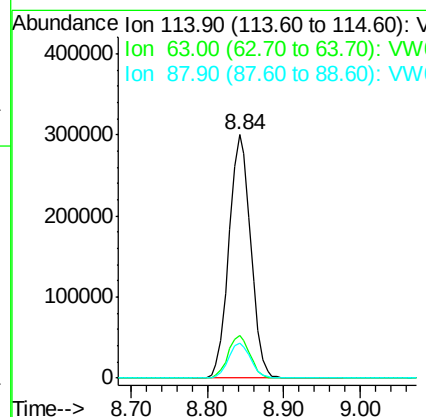
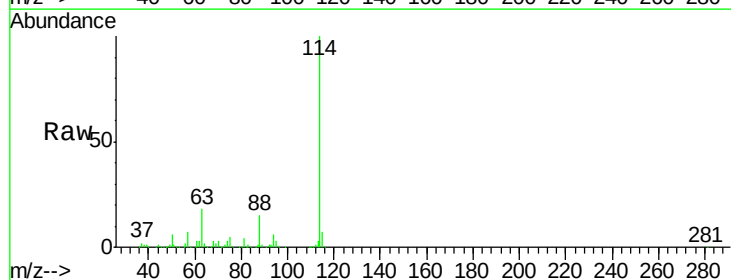
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

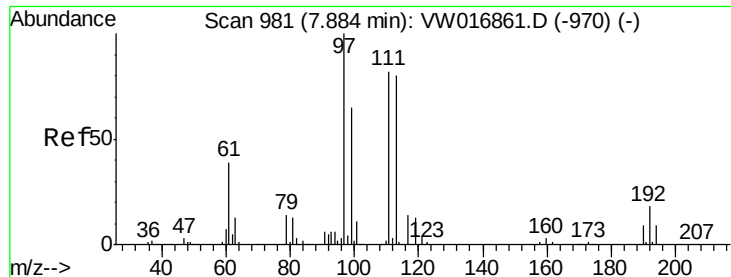
Tot Ion: 65 Resp: 164614
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion: 114 Resp: 588524
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.6
 88 14.5 0.0 30.4

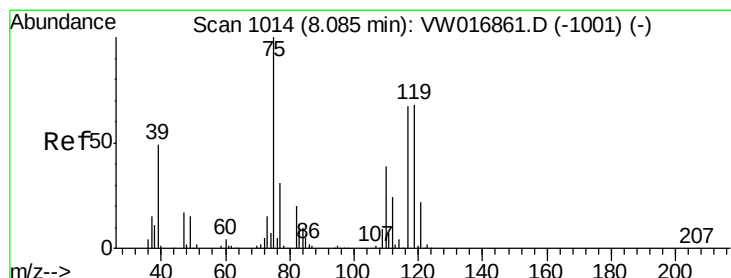
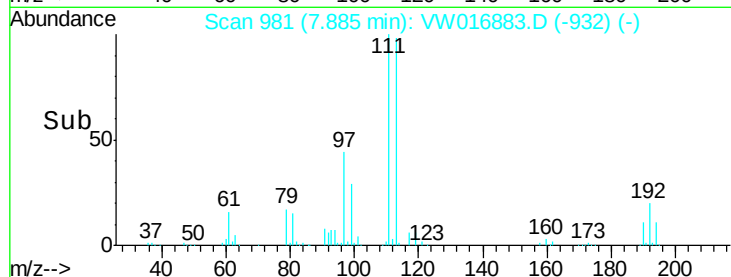
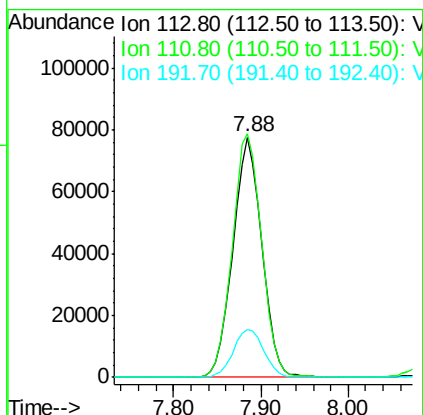
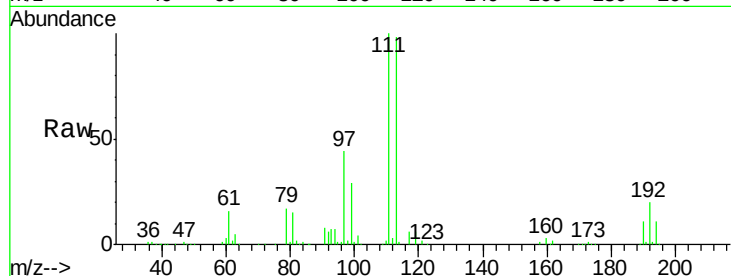




#35
 Dibromofluoromethane
 Concen: 49.482 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

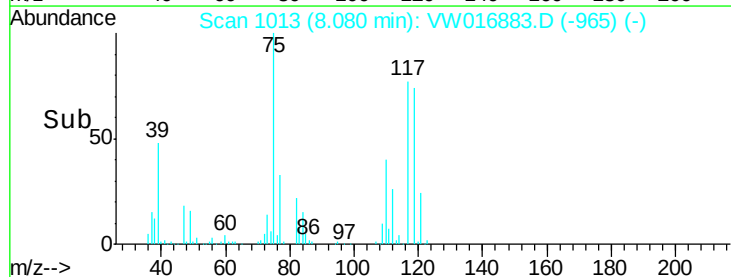
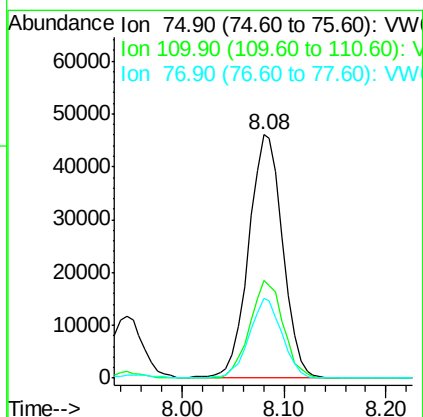
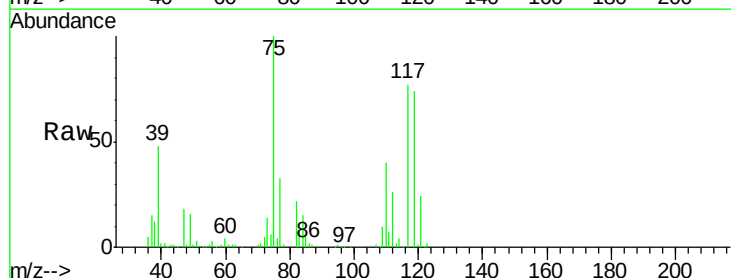
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

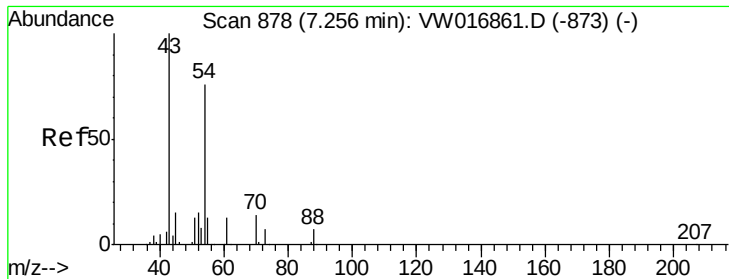
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.2
192	21.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 20.898 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	19.3	57.9
77	31.8	25.0	37.6

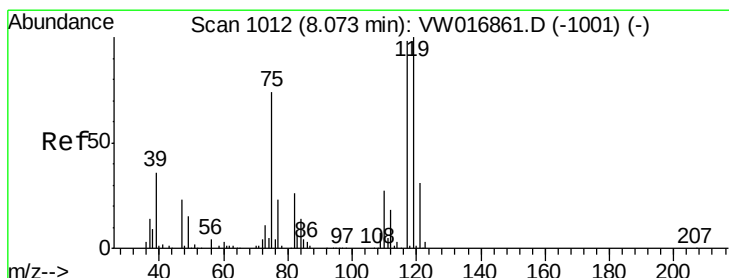
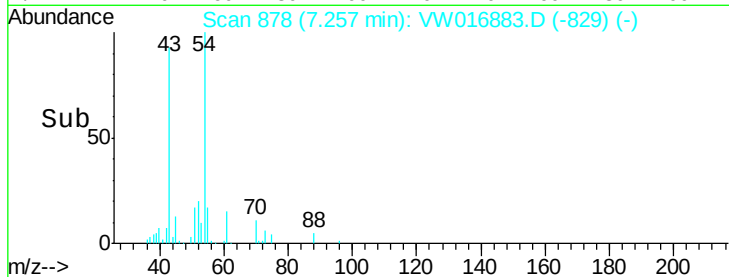
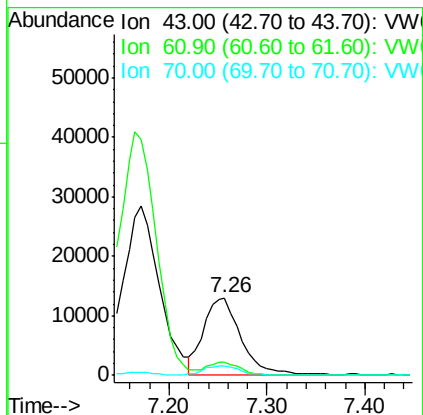
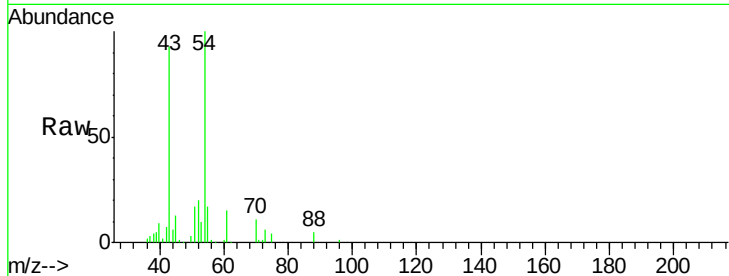




#37
Ethyl Acetate
Concen: 20.460 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

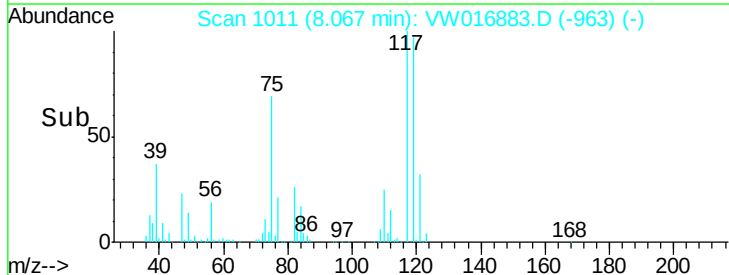
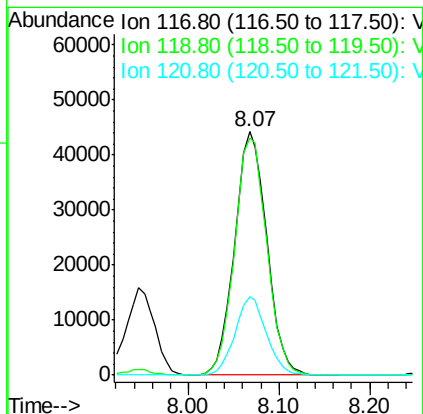
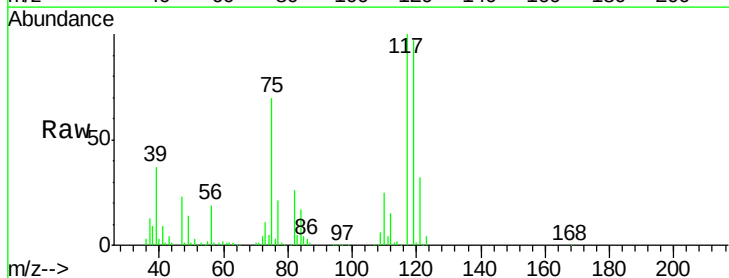
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

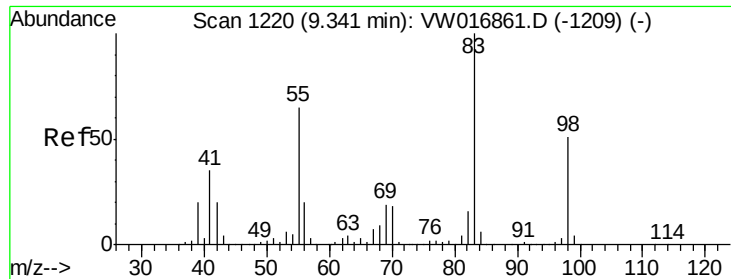
Tot Ion: 43 Resp: 34010
Ion Ratio Lower Upper
43 100
61 15.8 12.0 18.0
70 12.4 9.9 14.9



#38
Carbon Tetrachloride
Concen: 20.591 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion: 117 Resp: 108924
Ion Ratio Lower Upper
117 100
119 97.5 81.6 122.4
121 32.1 25.7 38.5

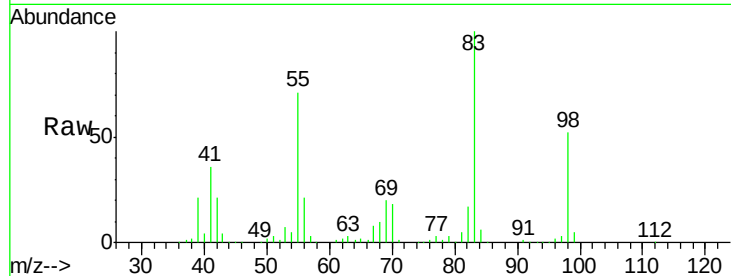




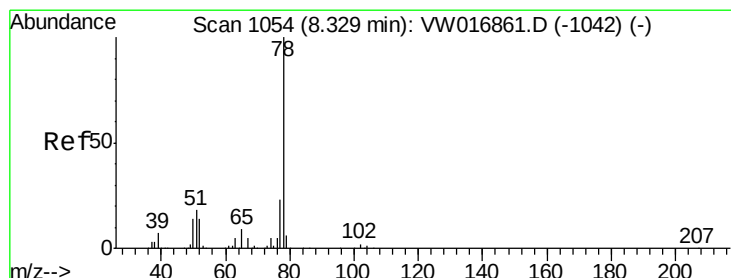
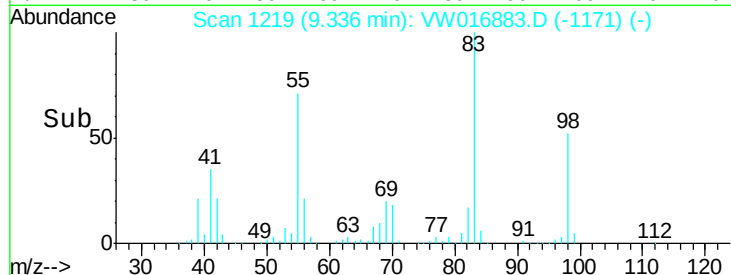
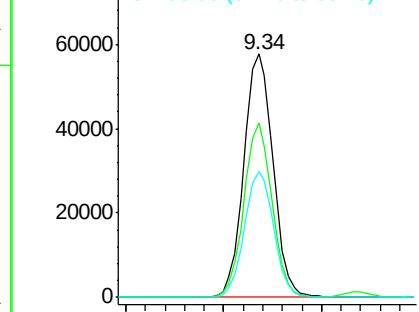
#39
Methylvlcyclohexane
Concen: 20.542 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tot Ion: 83 Resp: 119181
Ion Ratio Lower Upper
83 100
55 71.4 51.7 77.5
98 51.5 41.0 61.4

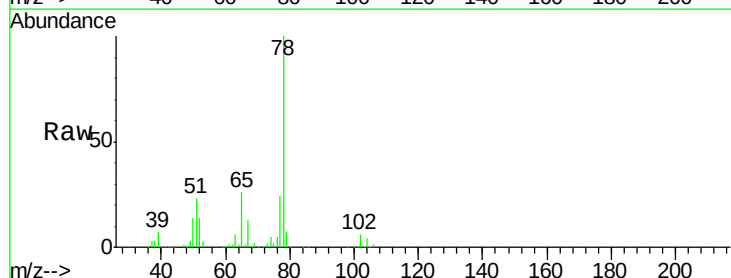


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

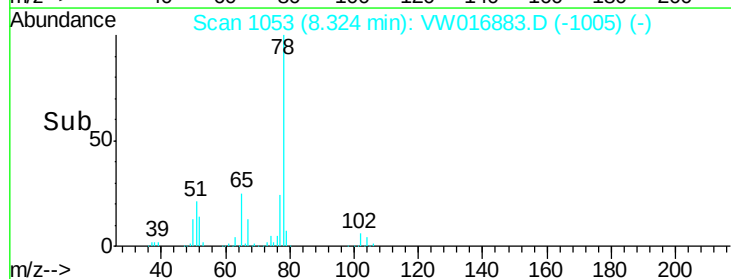
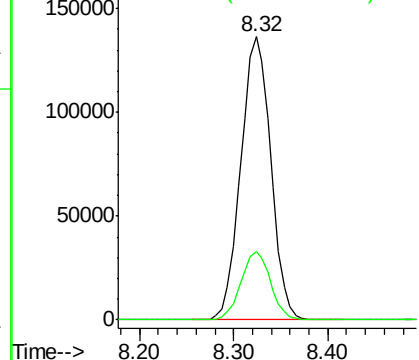


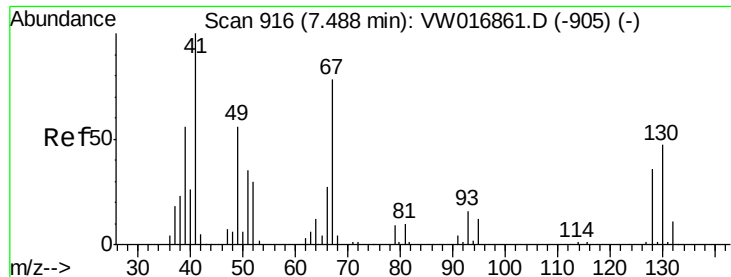
#40
Benzene
Concen: 21.398 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion: 78 Resp: 303336
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7



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

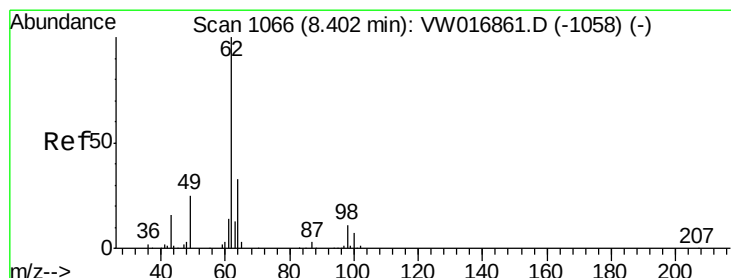
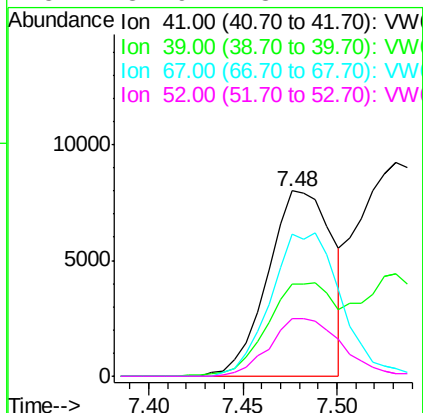
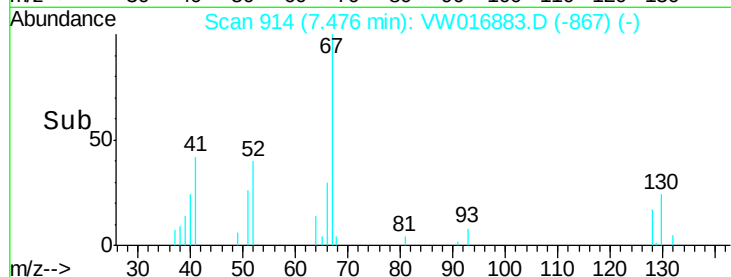
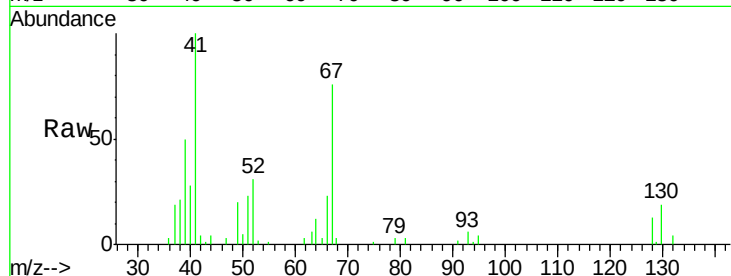




#41
Methacrylonitrile
Concen: 19.318 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

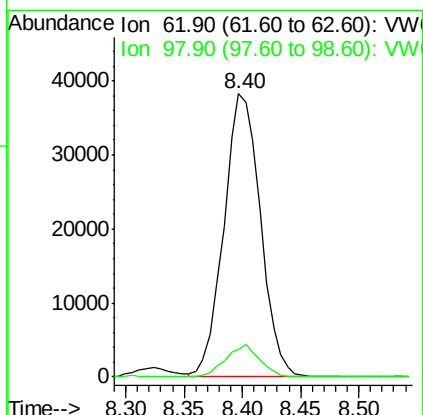
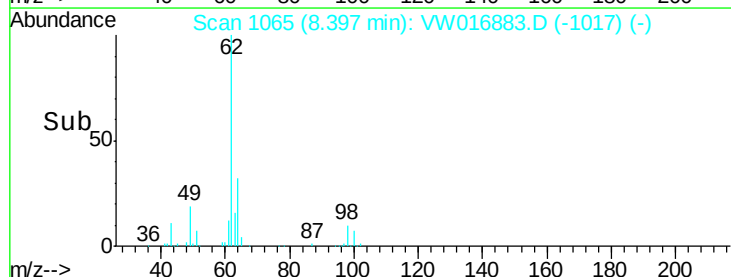
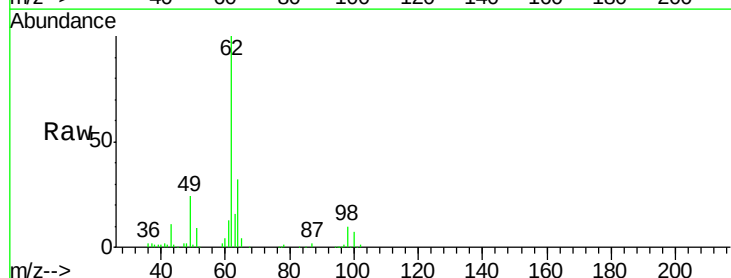
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

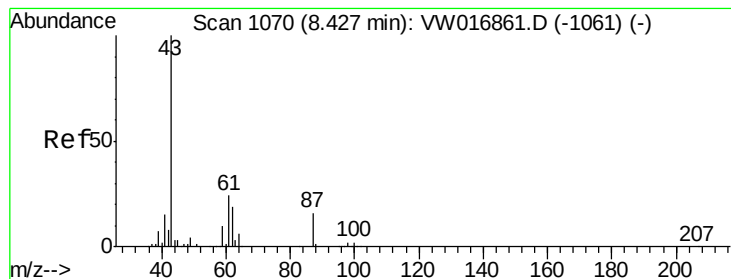
Tot Ion:	41	Resp:	19028
Ion	Ratio	Lower	Upper
41	100		
39	52.3	47.0	70.6
67	83.8	68.6	102.8
52	34.9	28.1	42.1



#42
1,2-Dichloroethane
Concen: 21.600 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion:	62	Resp:	83758
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0





#43

Isopropyl Acetate

Concen: 21.005 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

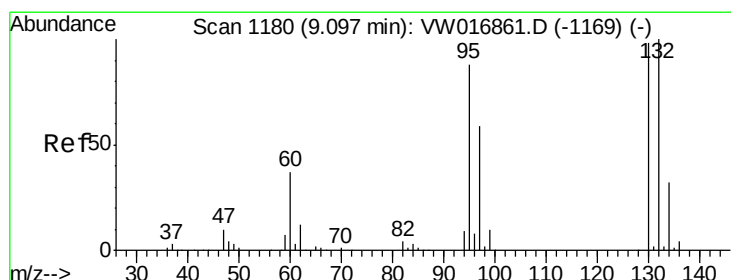
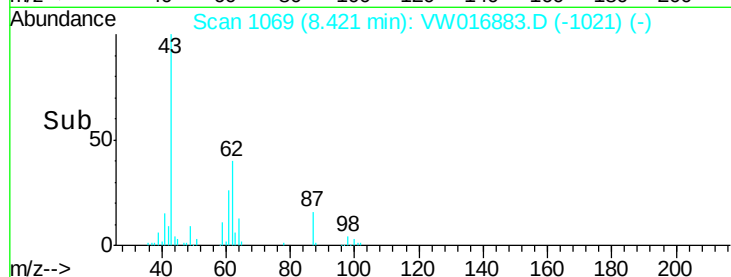
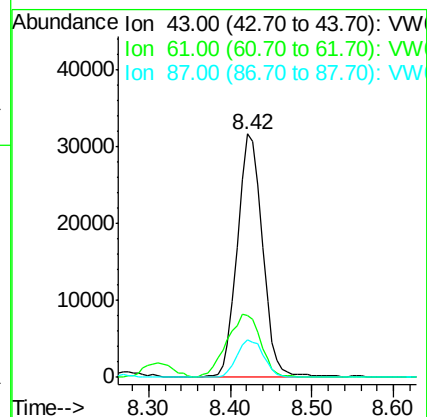
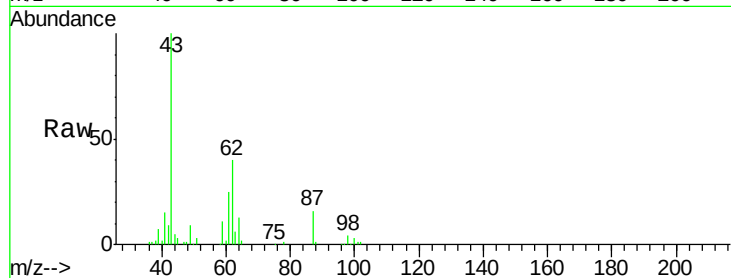
Tot Ion: 43 Resp: 66887

Ion Ratio Lower Upper

43 100

61 35.0 27.5 41.3

87 16.5 13.6 20.4



#44

Trichloroethene

Concen: 20.953 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016883.D

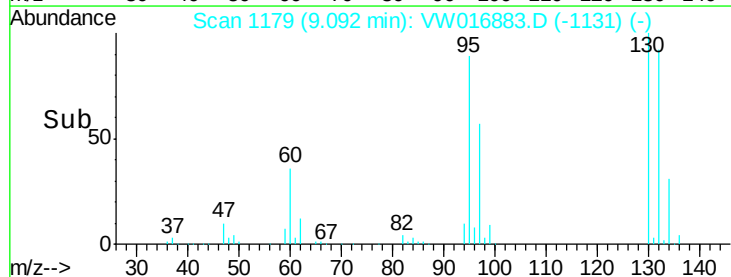
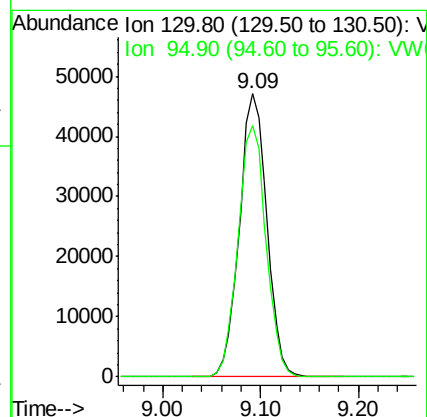
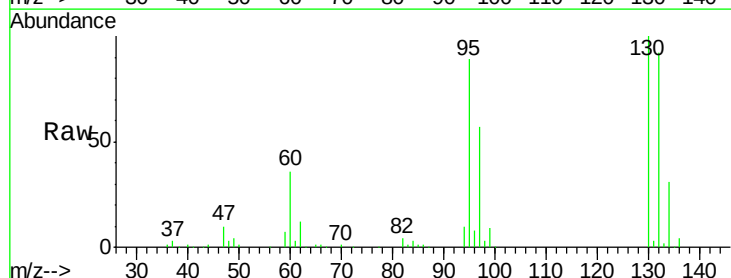
Acq: 12 Oct 2020 15:50

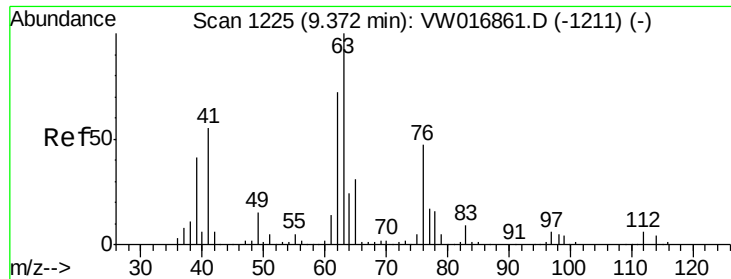
Tgt Ion: 130 Resp: 91938

Ion Ratio Lower Upper

130 100

95 88.9 0.0 180.2

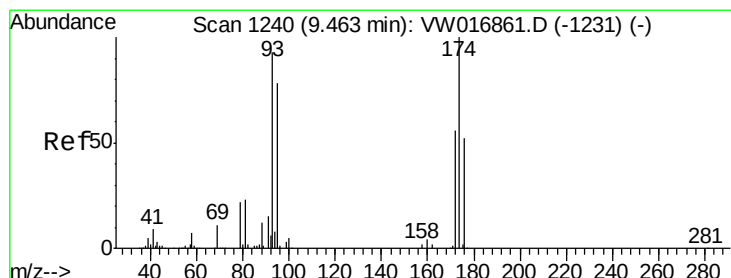
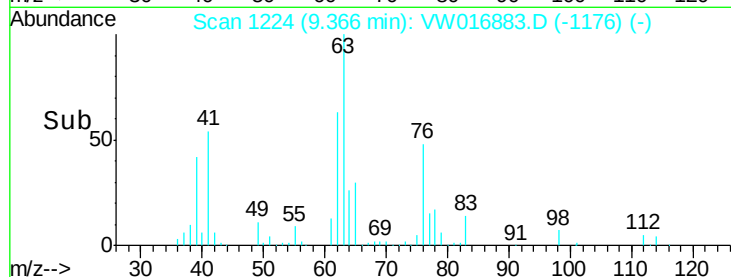
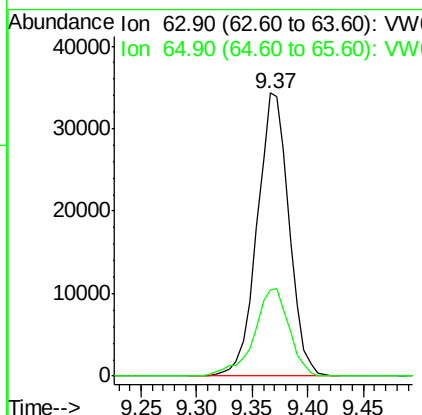
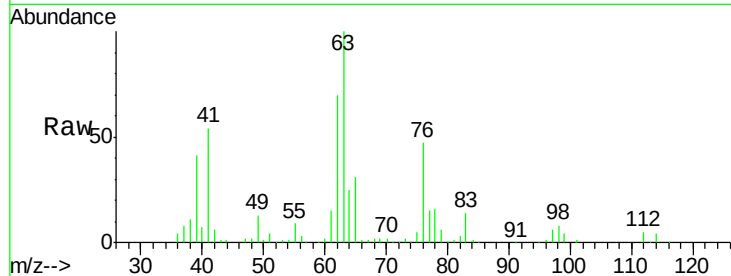




#45
 1,2-Dichloropropane
 Concen: 21.154 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

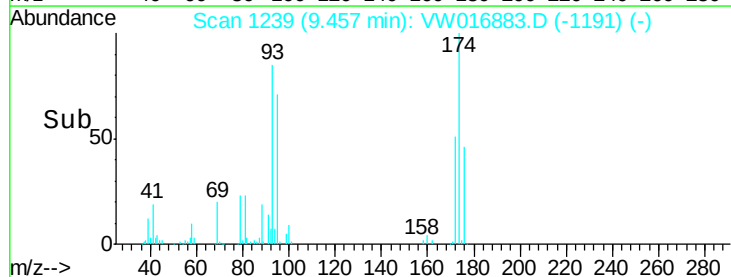
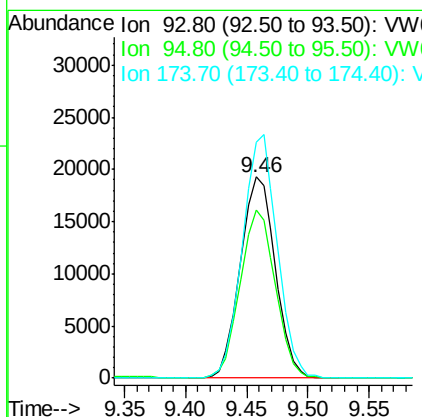
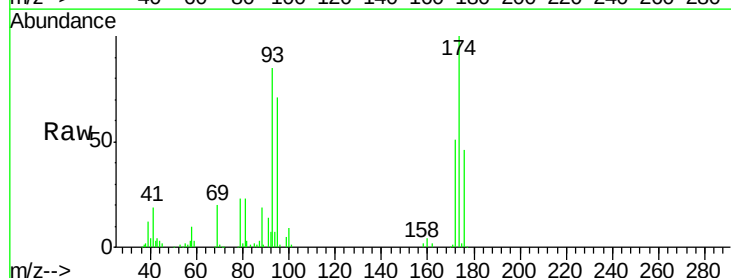
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

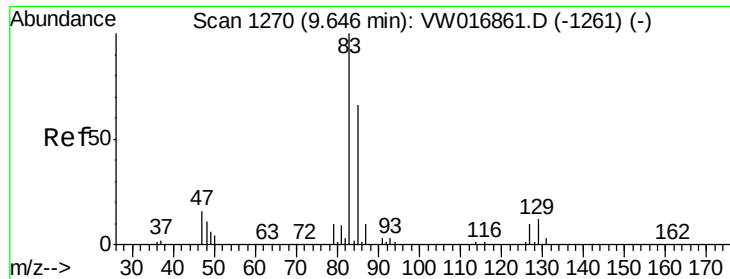
Tot Ion: 63 Resp: 68386
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.1 37.7



#46
 Dibromomethane
 Concen: 20.819 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion: 93 Resp: 38496
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.5 99.7
 174 119.7 91.0 136.6

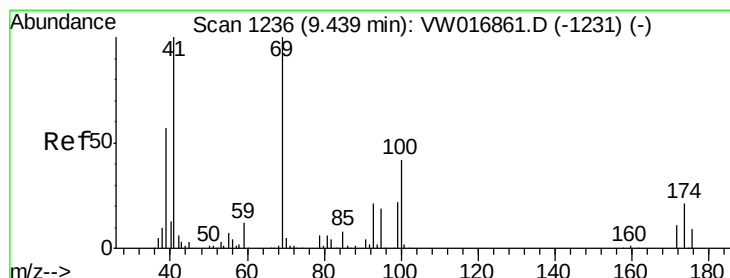
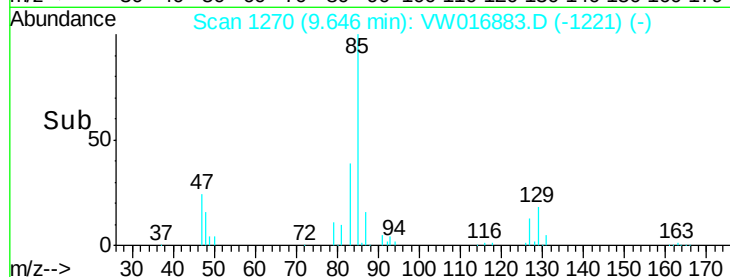
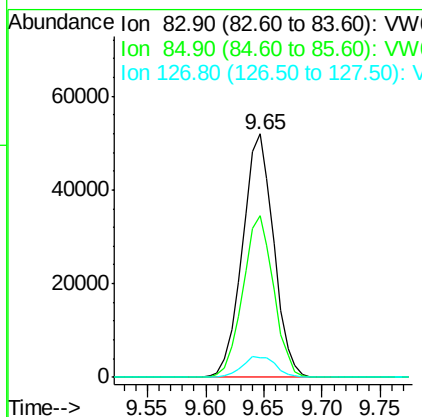
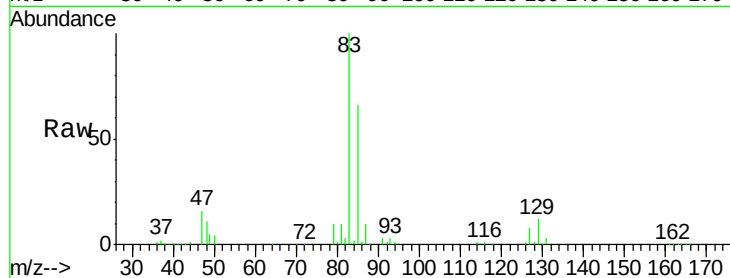




#47
Bromodichloromethane
Concen: 21.134 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

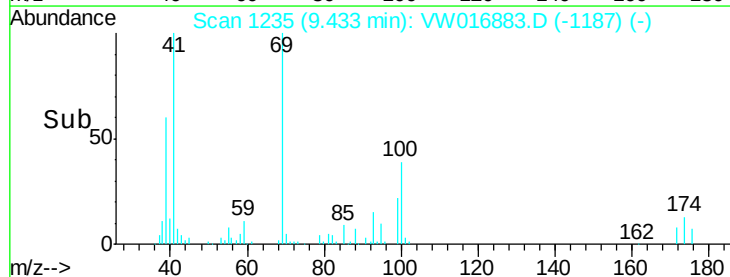
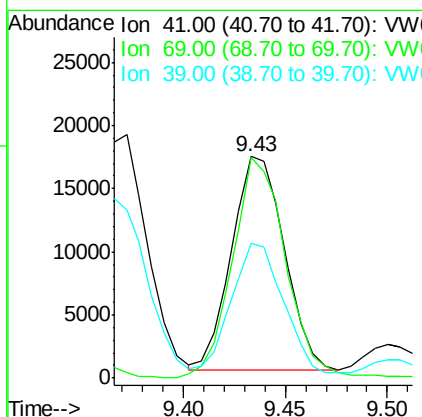
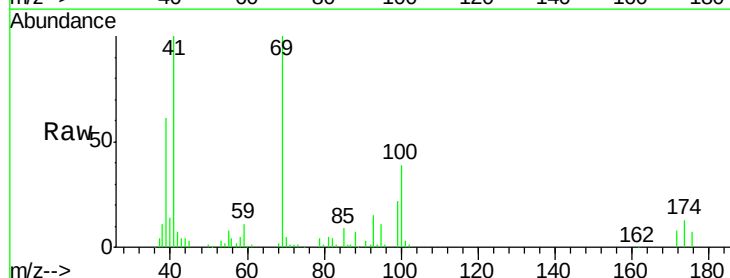
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

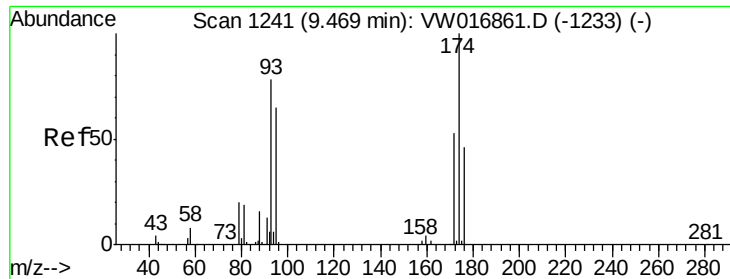
Tot Ion: 83 Resp: 97164
Ion Ratio Lower Upper
83 100
85 66.4 52.7 79.1
127 8.3 7.8 11.6



#48
Methyl methacrylate
Concen: 20.782 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion: 41 Resp: 30496
Ion Ratio Lower Upper
41 100
69 105.1 83.5 125.3
39 59.0 50.9 76.3





#49

1,4-Dioxane

Concen: 429.360 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

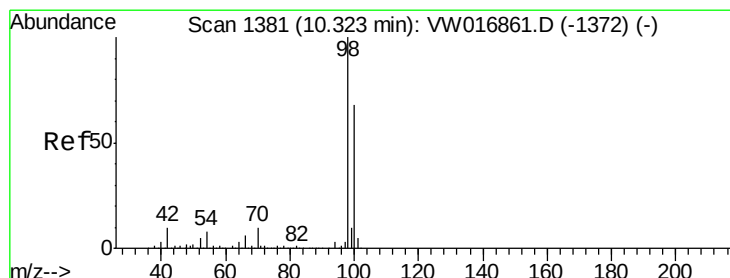
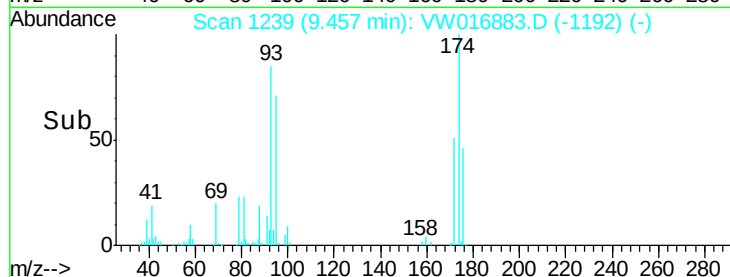
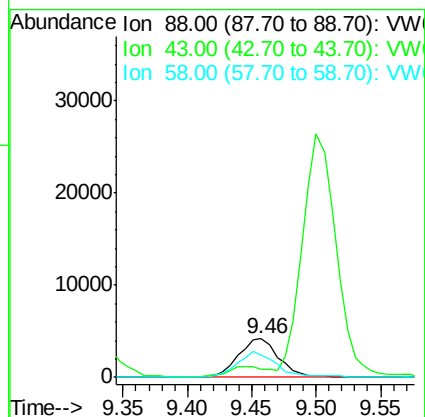
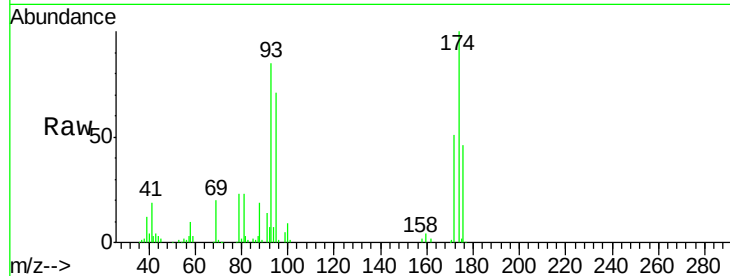
Tot Ion: 88 Resp: 9132

Ion Ratio Lower Upper

88 100

43 25.9 0.0 0.0#

58 66.2 54.0 81.0



#50

Toluene-d8

Concen: 49.632 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016883.D

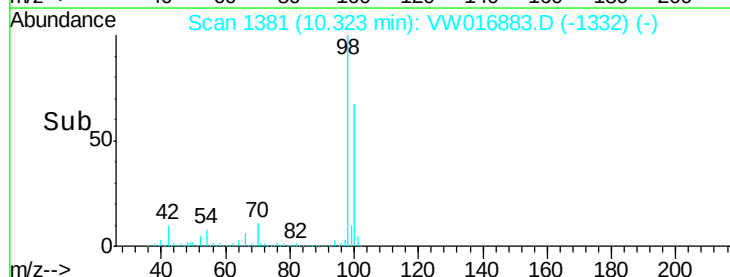
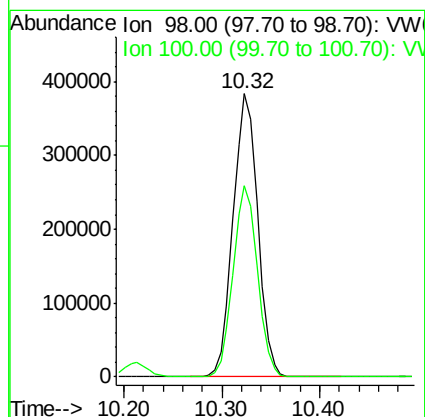
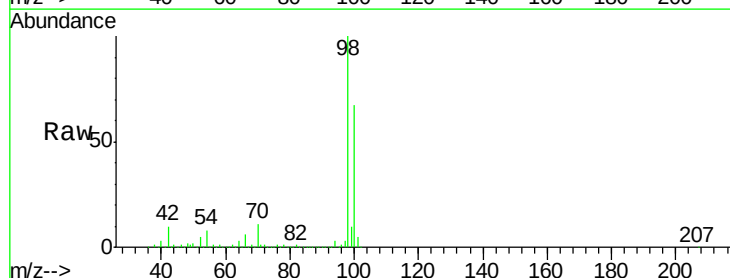
Acq: 12 Oct 2020 15:50

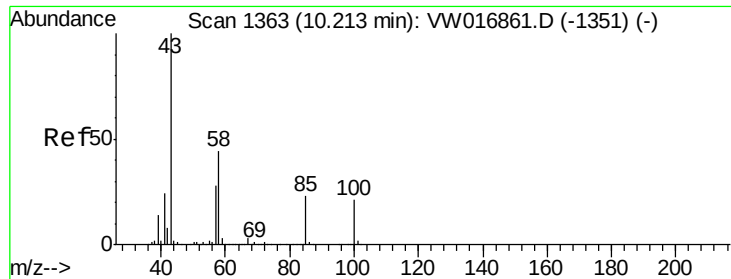
Tgt Ion: 98 Resp: 671290

Ion Ratio Lower Upper

98 100

100 66.6 53.3 79.9

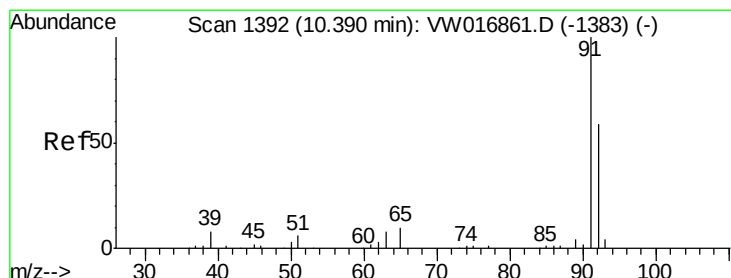
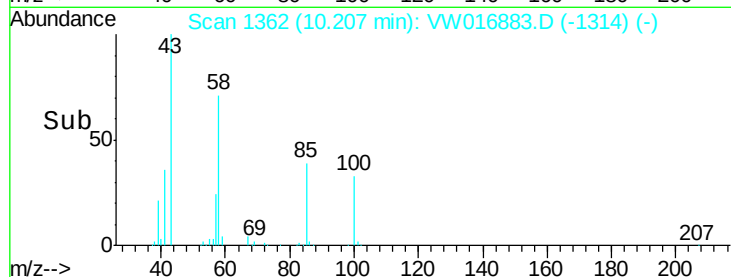
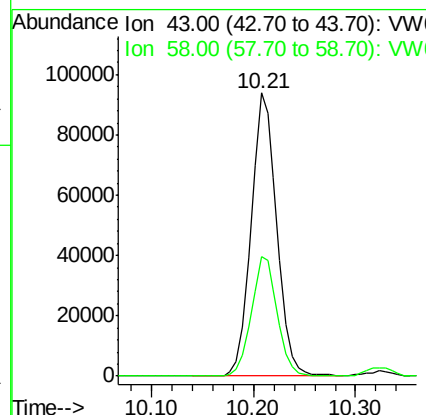
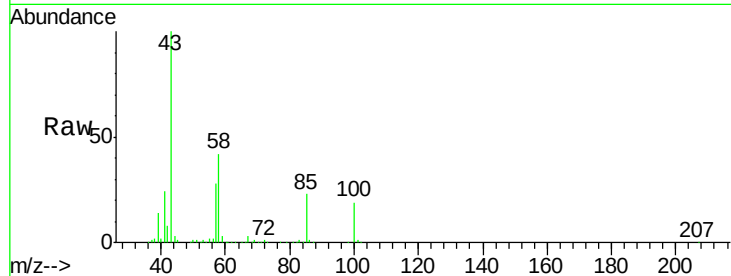




#51
 4-Methyl-2-Pentanone
 Concen: 101.416 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

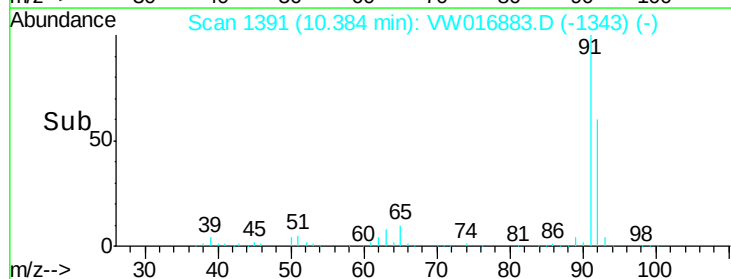
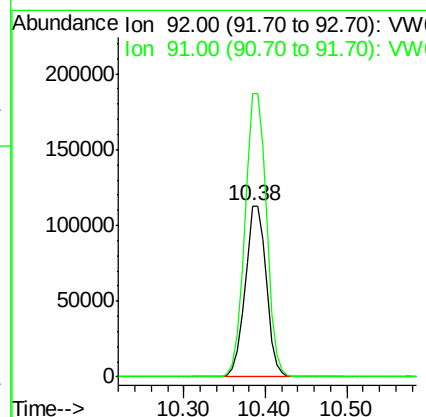
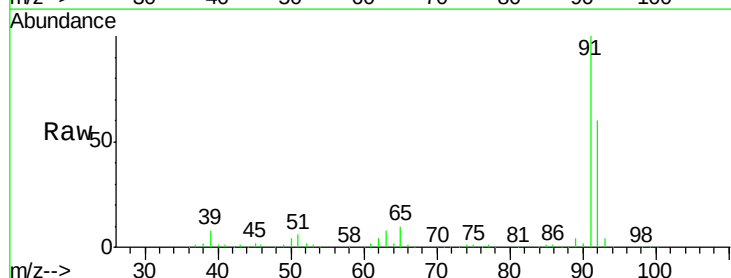
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

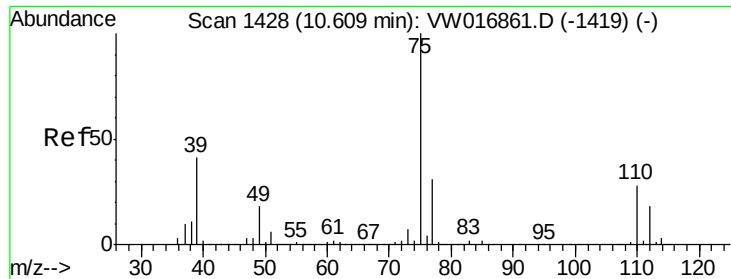
Tot Ion: 43 Resp: 163377
 Ion Ratio Lower Upper
 43 100
 58 42.6 34.7 52.1



#52
 Toluene
 Concen: 21.333 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion: 92 Resp: 199910
 Ion Ratio Lower Upper
 92 100
 91 169.1 134.7 202.1

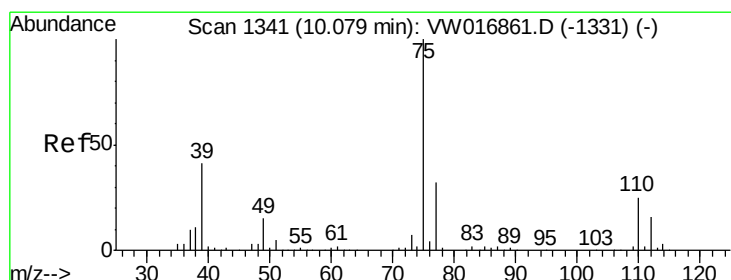
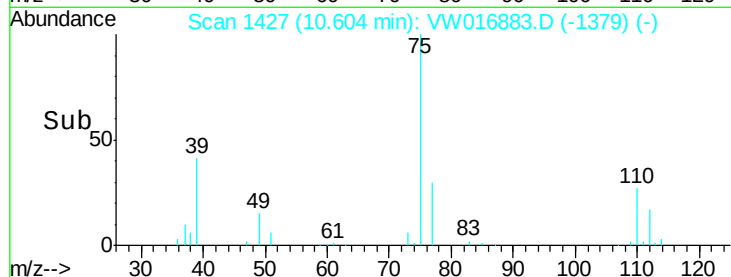
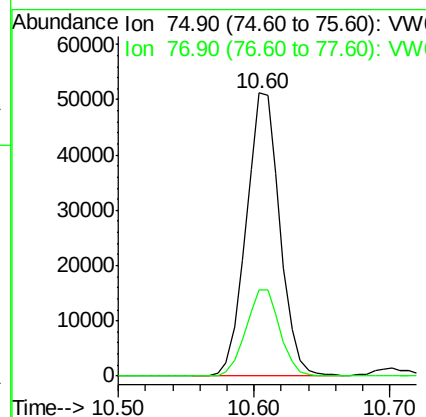
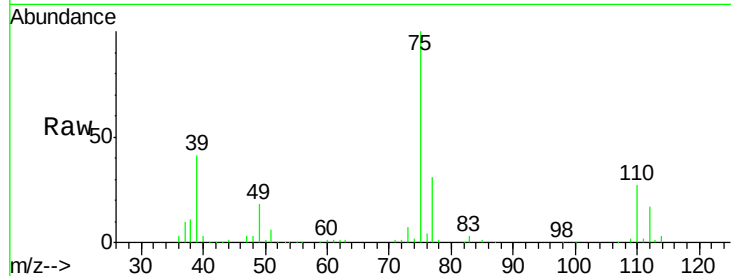




#53
 t-1,3-Dichloropropene
 Concen: 21.126 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

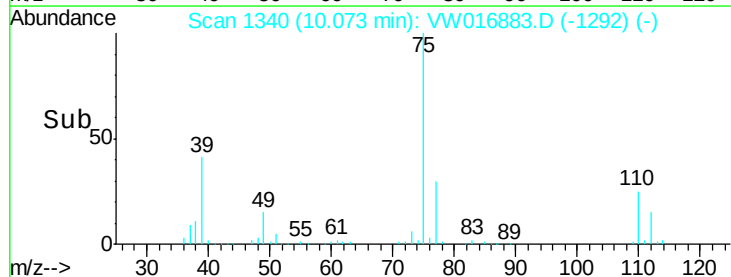
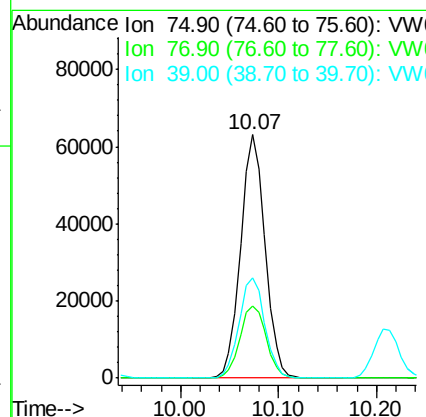
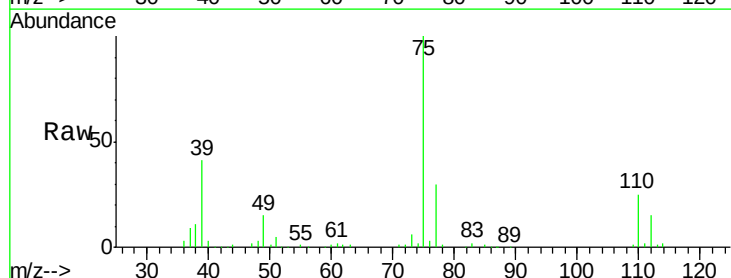
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

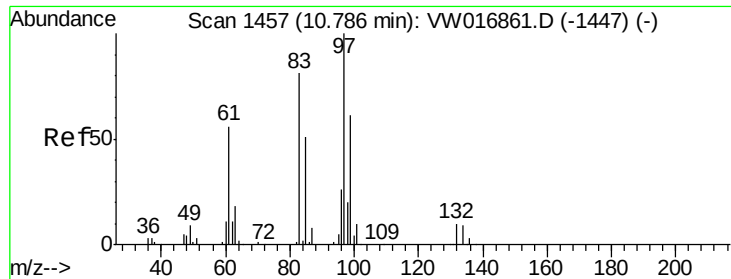
Tot Ion: 75 Resp: 88423
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.441 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion: 75 Resp: 109615
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.8 38.6
 39 41.4 32.9 49.3

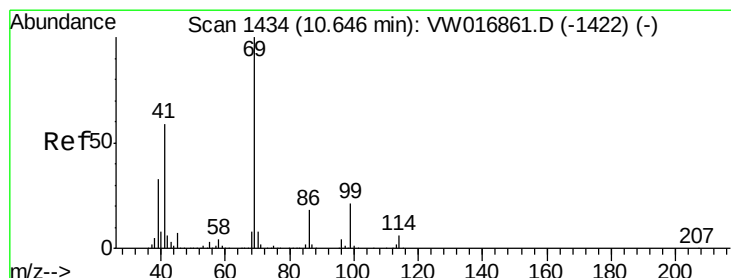
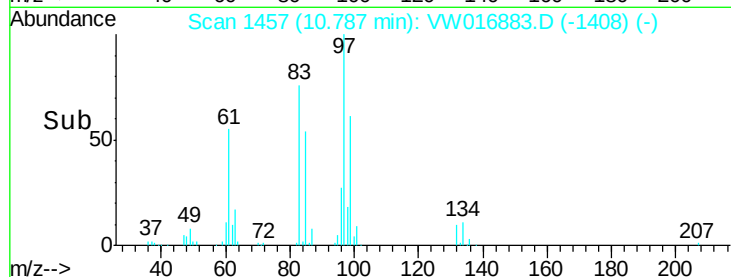
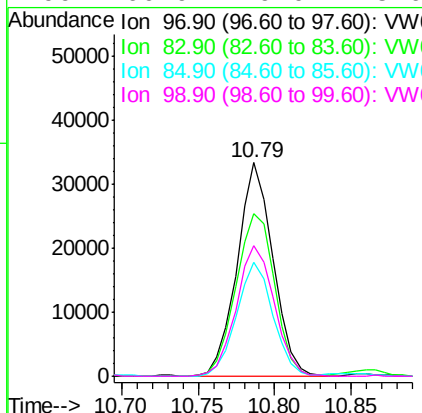
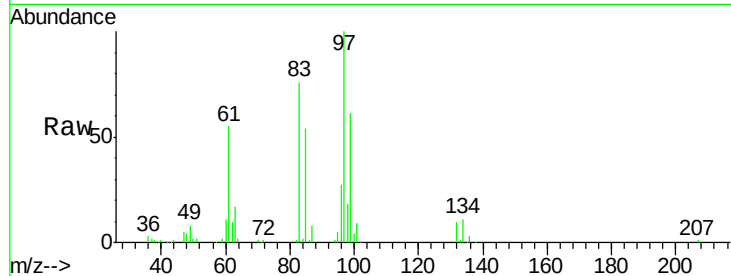




#55
 1,1,2-Trichloroethane
 Concen: 20.631 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

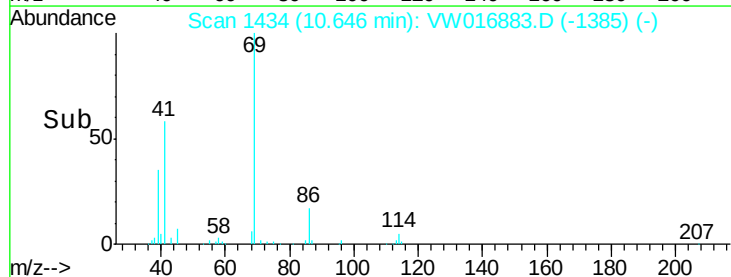
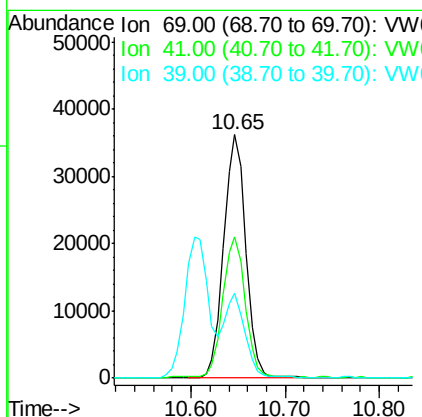
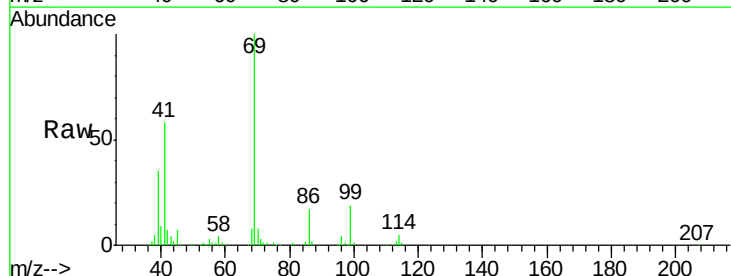
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

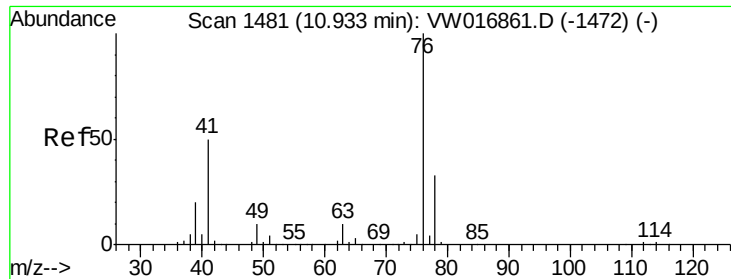
Tot Ion:	97	Resp:	54299
Ion	Ratio	Lower	Upper
97	100		
83	76.2	64.6	97.0
85	53.6	40.6	61.0
99	60.9	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 20.693 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion:	69	Resp:	59248
Ion	Ratio	Lower	Upper
69	100		
41	58.3	46.3	69.5
39	32.4	25.9	38.9

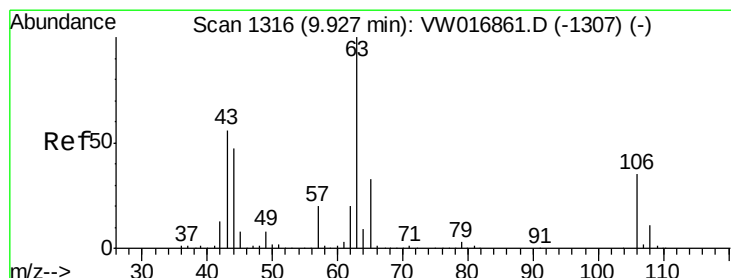
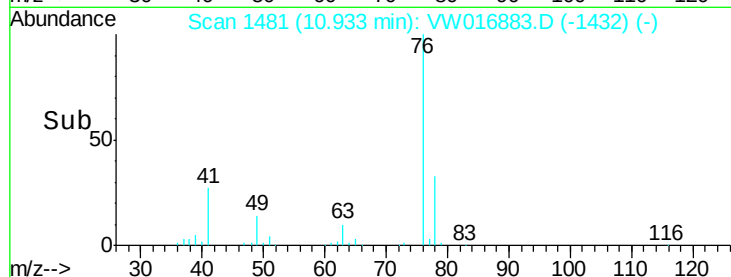
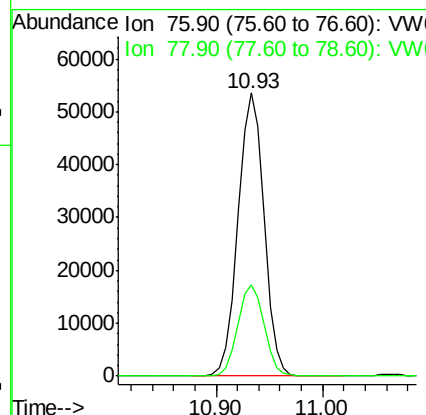
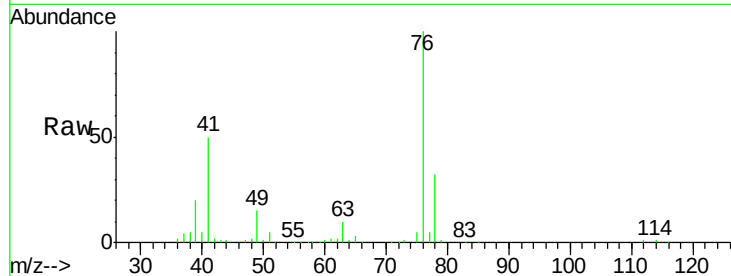




#57
 1,3-Dichloropropane
 Concen: 21.163 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

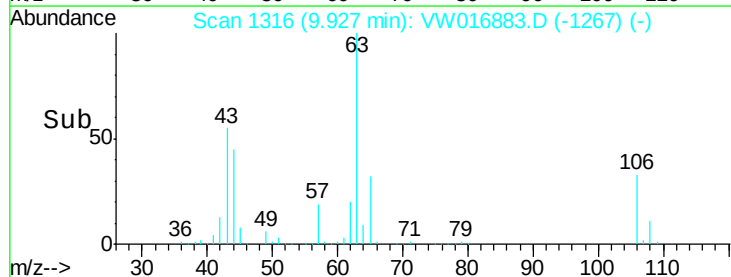
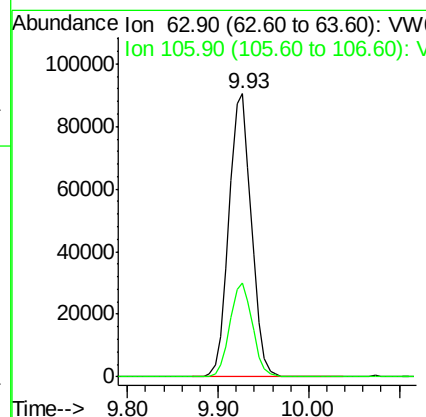
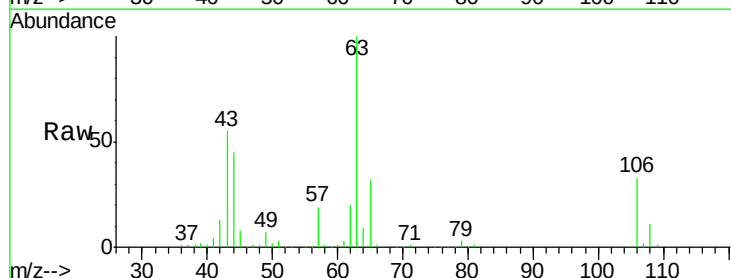
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

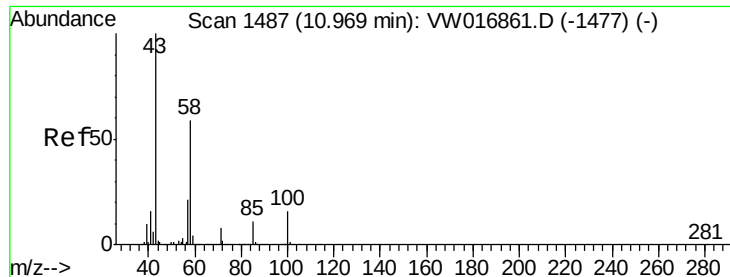
Tot Ion: 76 Resp: 92151
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.372 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion: 63 Resp: 156080
 Ion Ratio Lower Upper
 63 100
 106 33.2 27.0 40.4

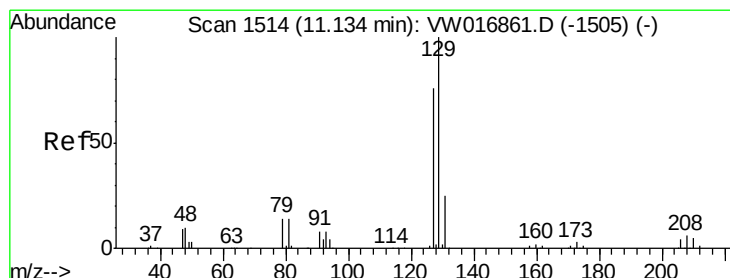
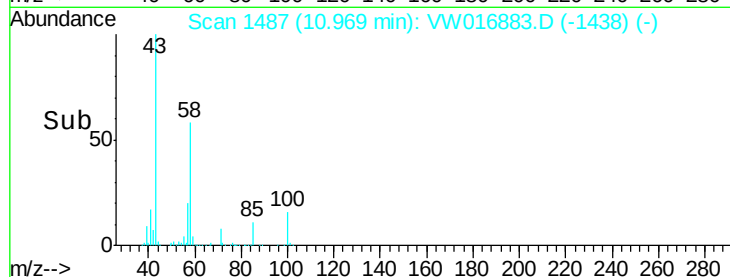
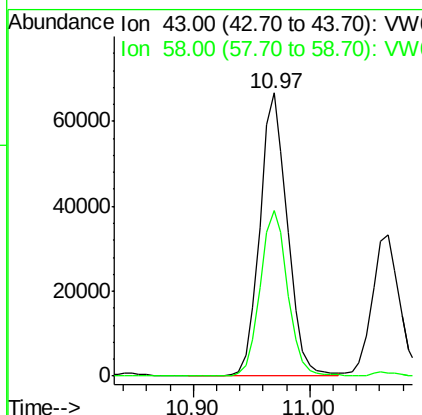
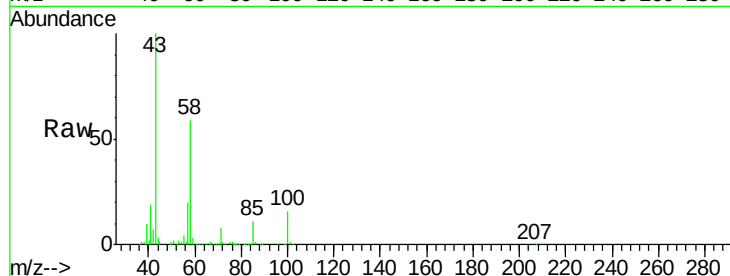




#59
2-Hexanone
Concen: 102.176 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

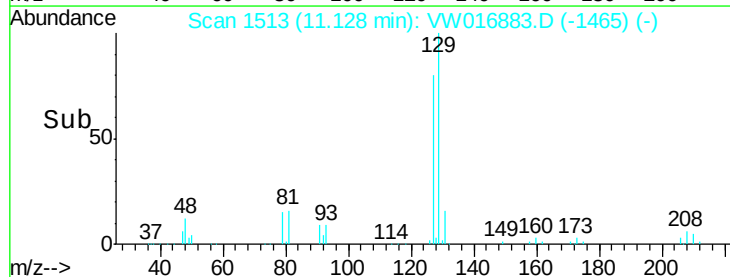
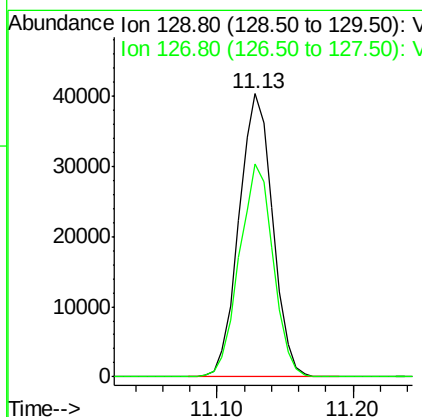
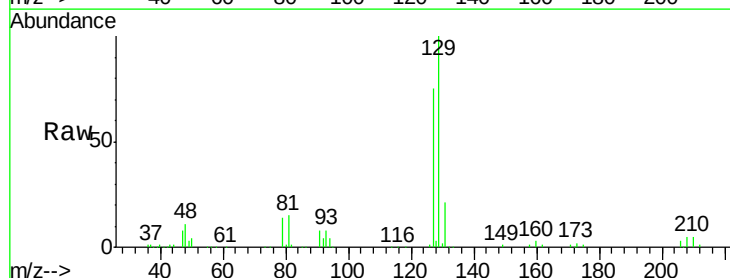
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

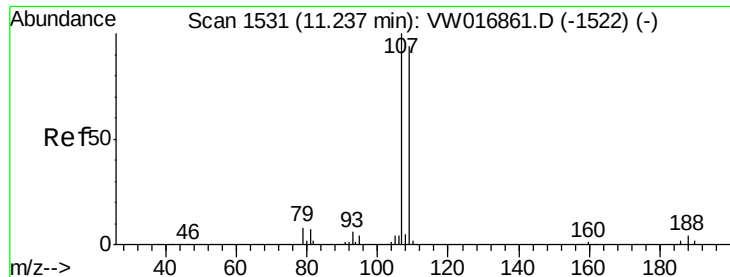
Tot Ion: 43 Resp: 108907
Ion Ratio Lower Upper
43 100
58 58.5 29.5 88.5



#60
Dibromochloromethane
Concen: 21.641 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion: 129 Resp: 69860
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6

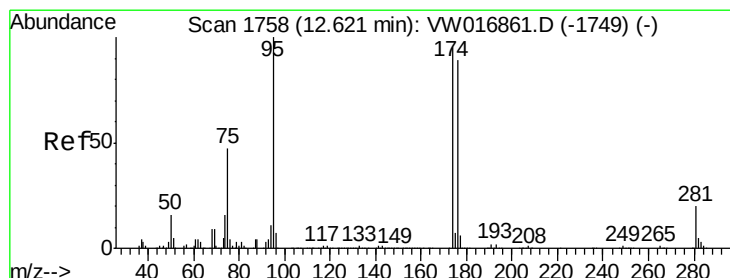
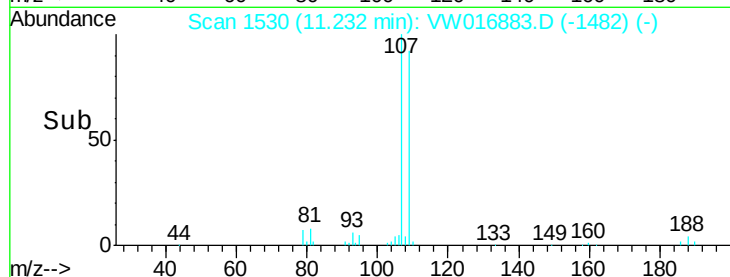
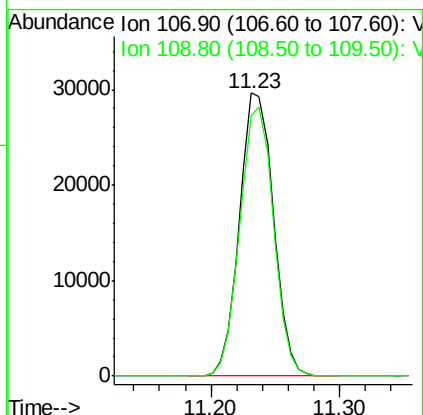
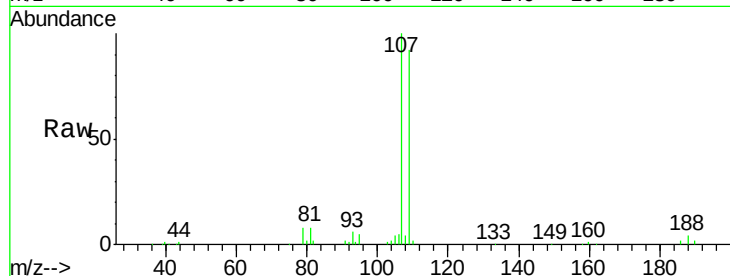




#61
 1,2-Dibromoethane
 Concen: 20.777 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

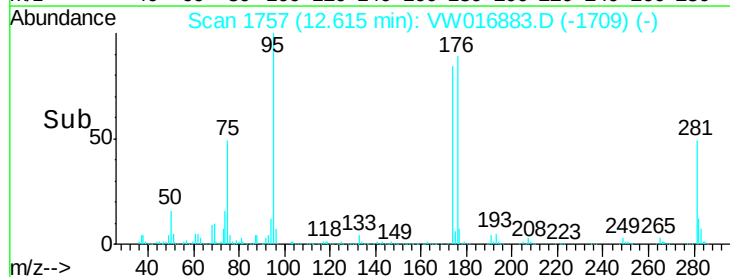
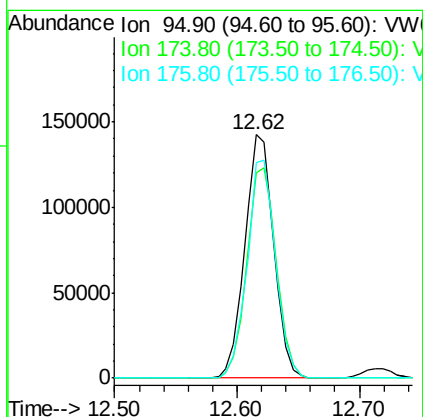
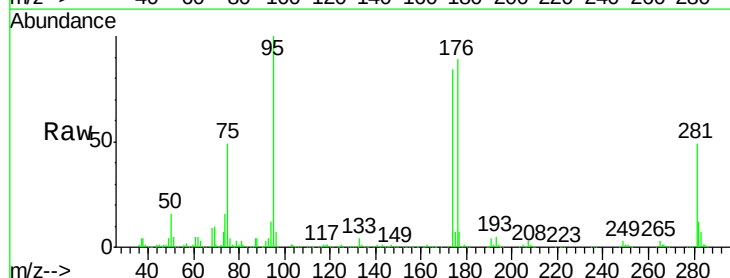
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

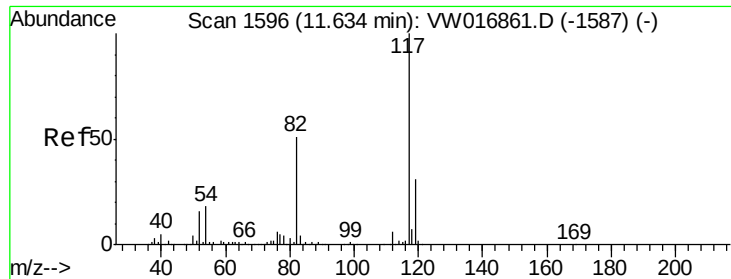
Tot Ion:107 Resp: 54156
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 50.078 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion: 95 Resp: 233563
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 180.6
 176 89.0 0.0 177.6

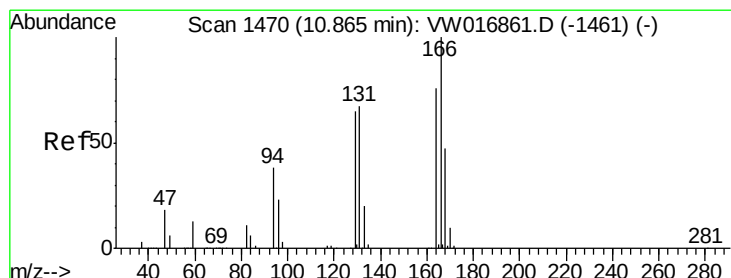
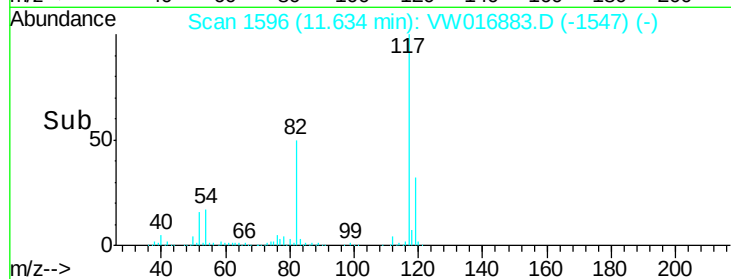
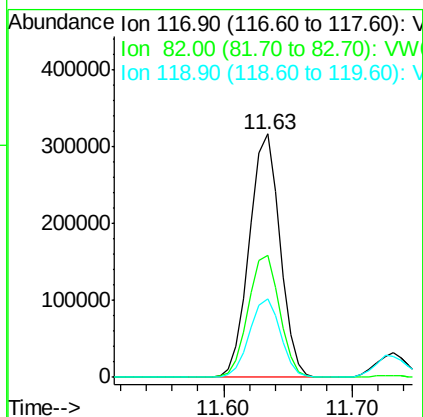
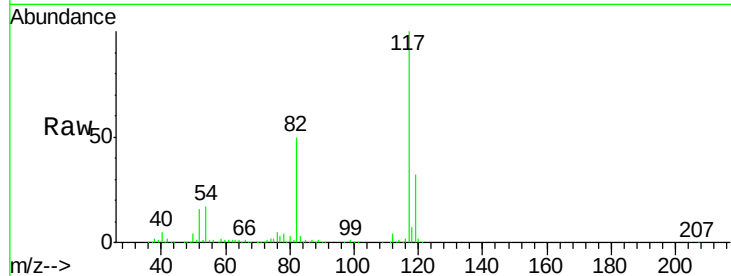




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

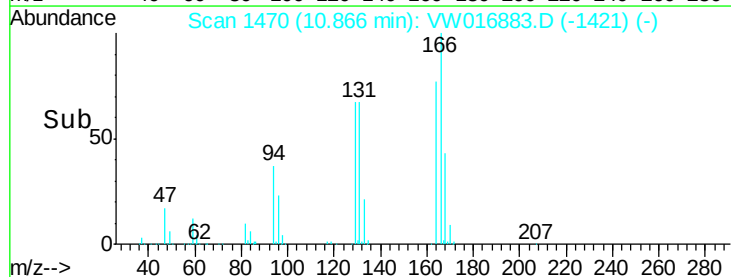
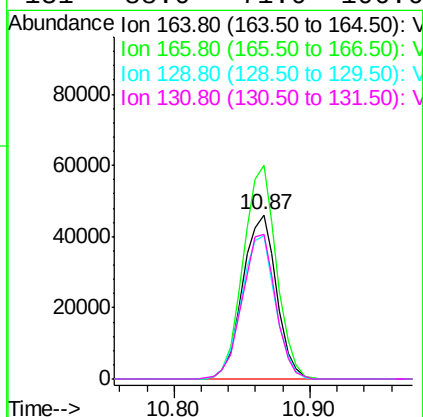
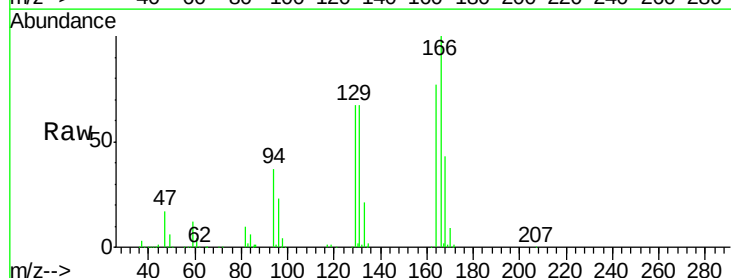
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

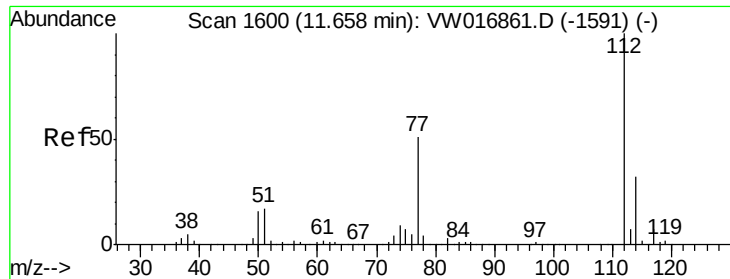
Tot Ion:117 Resp: 519056
Ion Ratio Lower Upper
117 100
82 50.3 40.7 61.1
119 32.0 25.0 37.4



#64
Tetrachloroethene
Concen: 21.633 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion:164 Resp: 80000
Ion Ratio Lower Upper
164 100
166 130.4 105.3 157.9
129 87.5 68.8 103.2
131 88.0 71.0 106.6

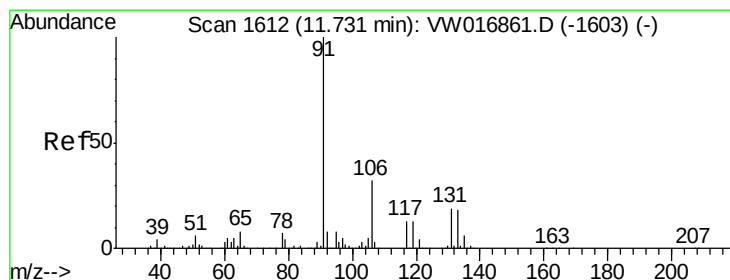
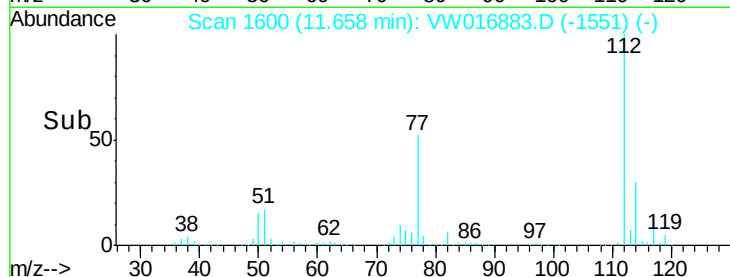
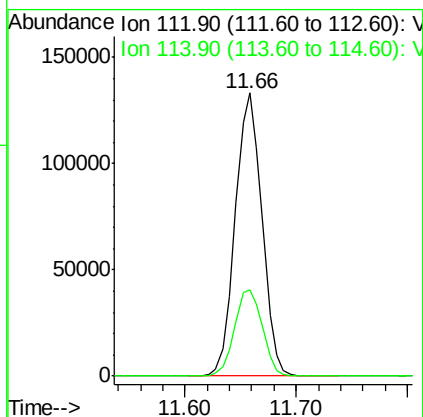
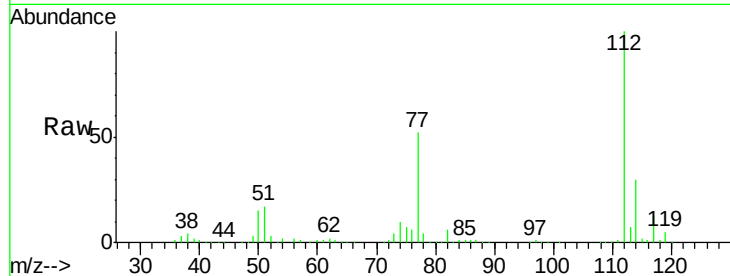




#65
Chlorobenzene
Concen: 21.716 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

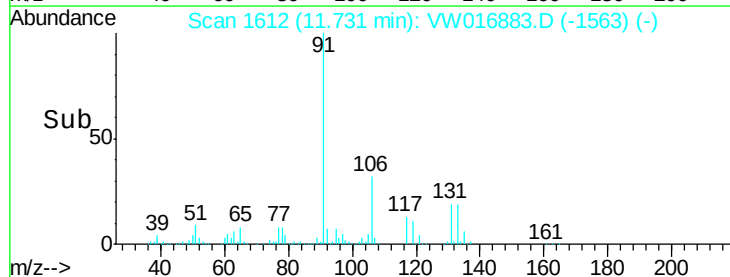
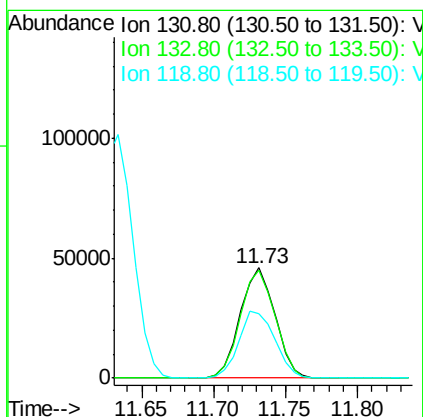
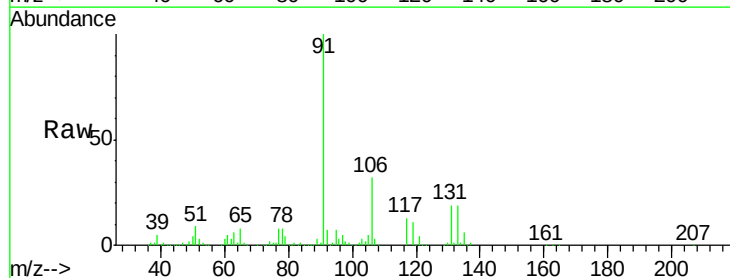
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

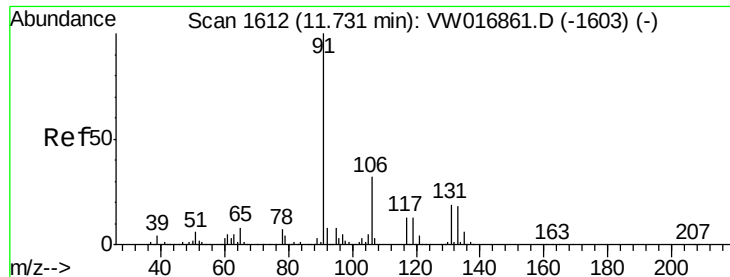
Tot Ion:112 Resp: 221093
Ion Ratio Lower Upper
112 100
114 30.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.428 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion:131 Resp: 77152
Ion Ratio Lower Upper
131 100
133 98.4 48.1 144.3
119 62.9 32.5 97.4

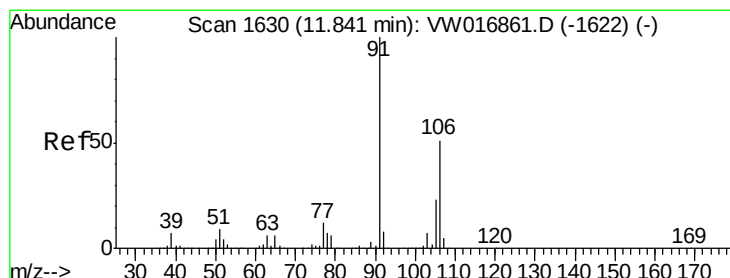
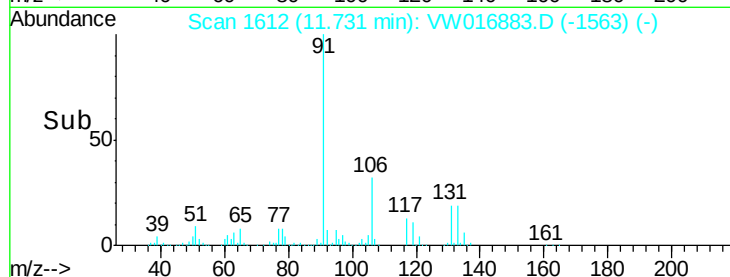
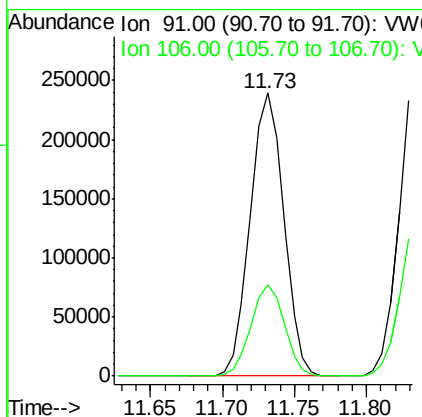
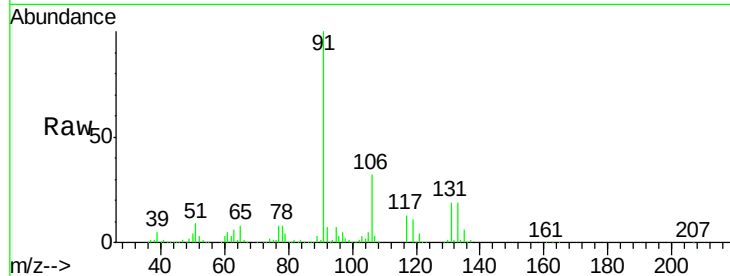




#67
Ethyl Benzene
Concen: 21.754 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

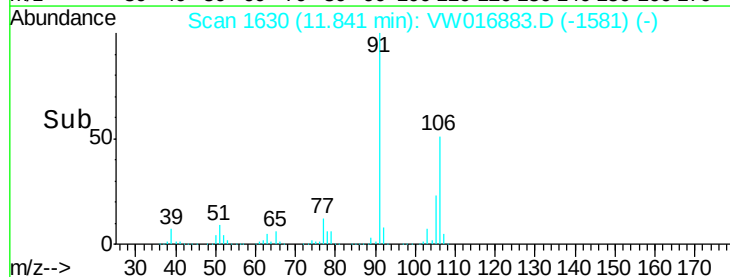
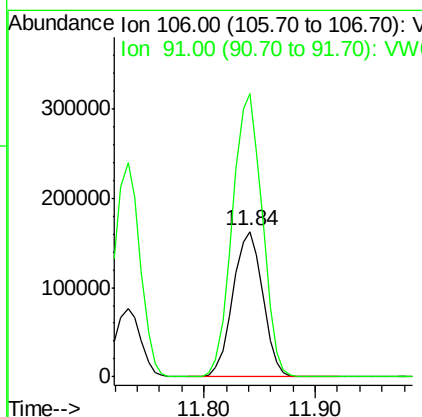
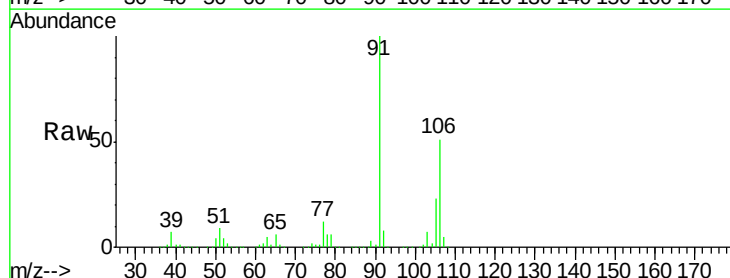
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

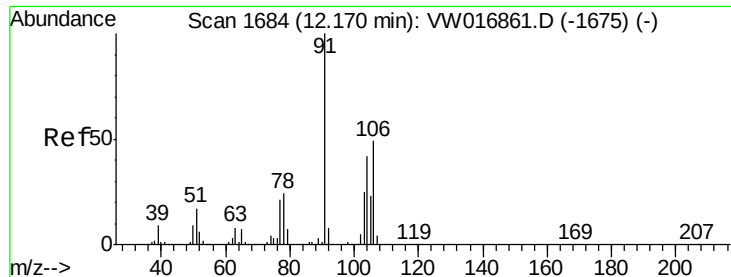
Tot Ion: 91 Resp: 385942
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#68
m/p-Xylenes
Concen: 43.588 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion: 106 Resp: 300754
Ion Ratio Lower Upper
106 100
91 195.3 157.4 236.0

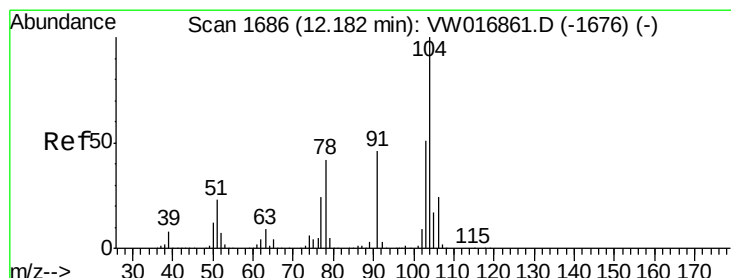
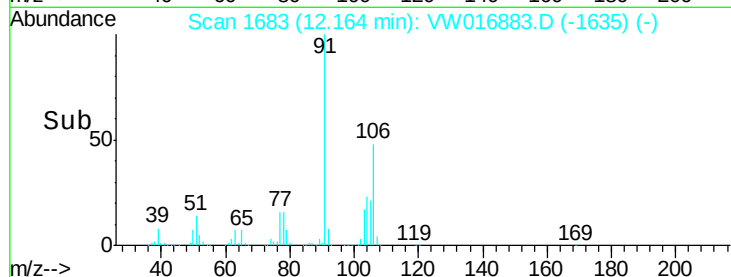
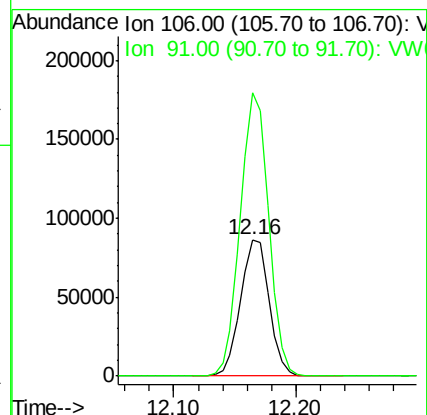
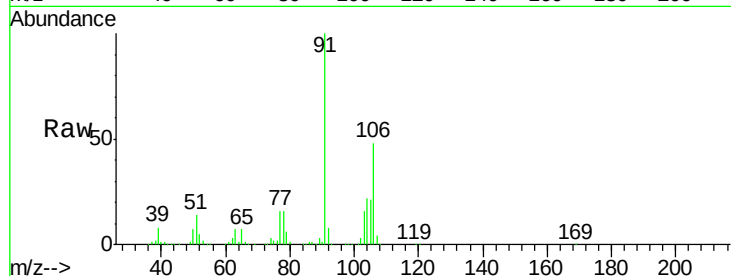




#69
o-Xylene
Concen: 22.101 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

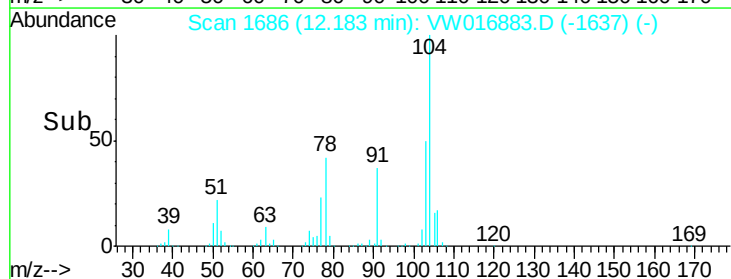
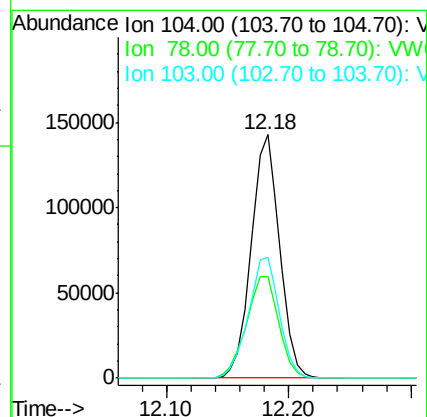
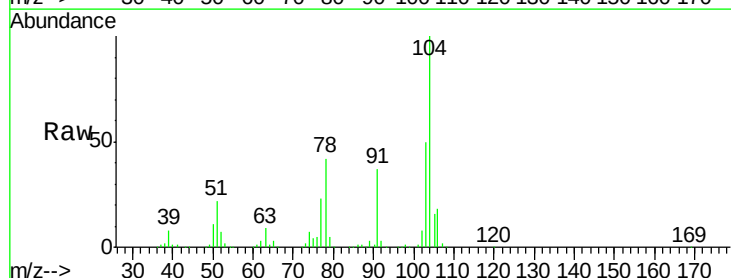
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

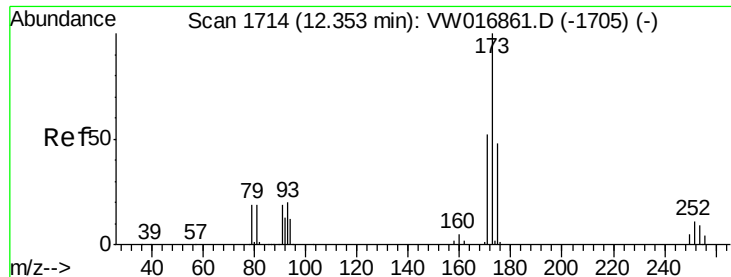
Tot Ion:106 Resp: 139940
Ion Ratio Lower Upper
106 100
91 206.5 103.6 310.9



#70
Styrene
Concen: 21.934 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion:104 Resp: 231146
Ion Ratio Lower Upper
104 100
78 47.7 37.6 56.4
103 54.3 43.6 65.4





#71

Bromoform

Concen: 20.815 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

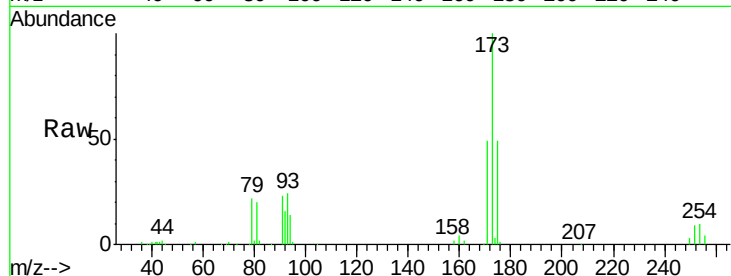
Tot Ion:173 Resp: 37625

Ion Ratio Lower Upper

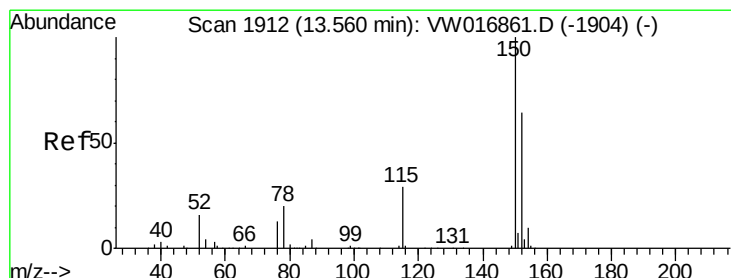
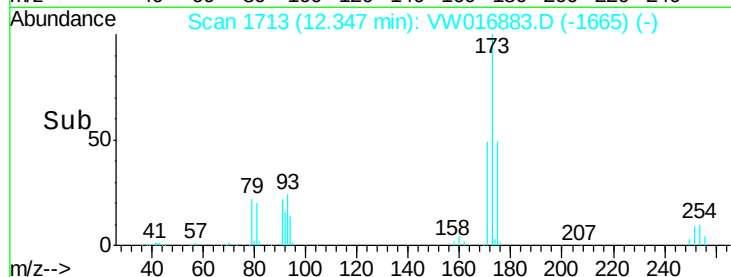
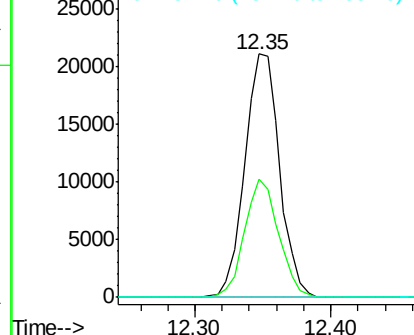
173 100

175 47.3 24.7 74.1

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

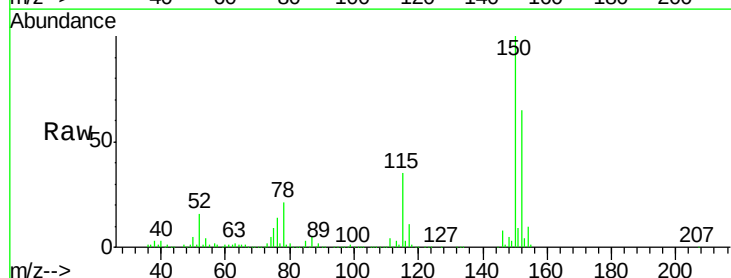
Tgt Ion:152 Resp: 271938

Ion Ratio Lower Upper

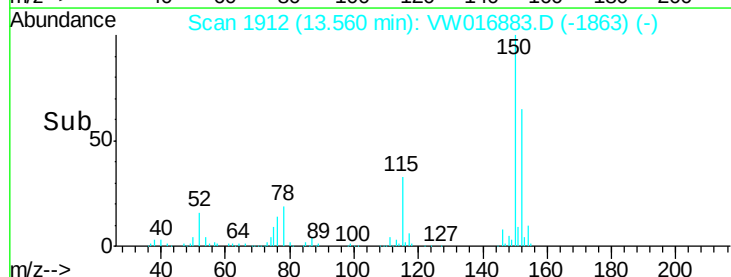
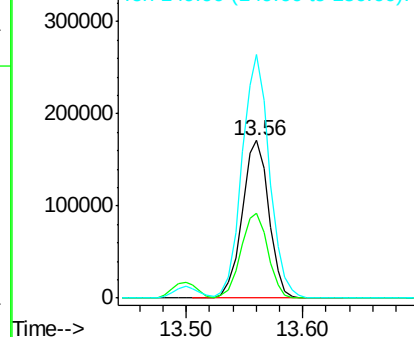
152 100

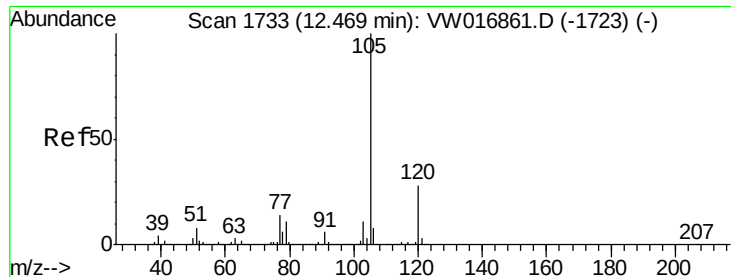
115 55.0 27.9 83.7

150 159.4 0.0 344.0



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: 21.280 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

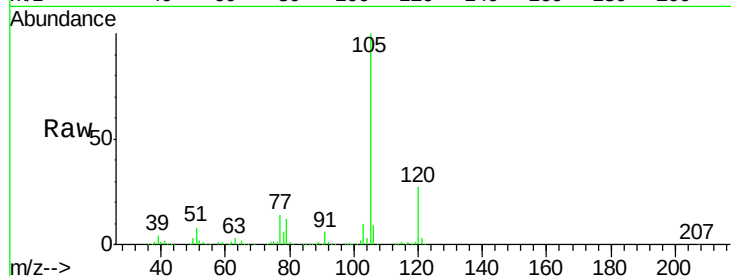
VW1013SBS01

Tot Ion:105 Resp: 384627

Ion Ratio Lower Upper

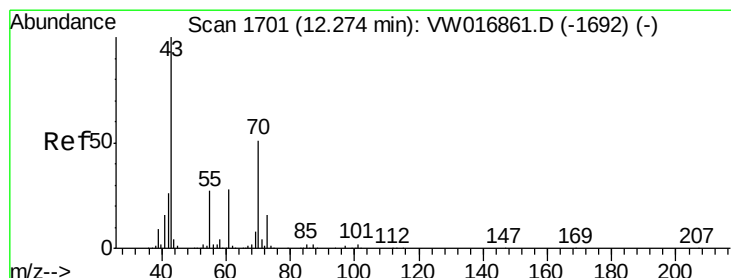
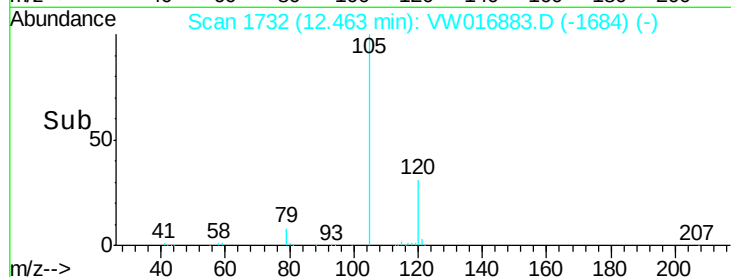
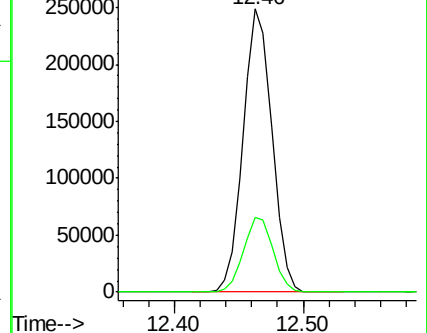
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.502 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Tgt Ion: 43 Resp: 59524

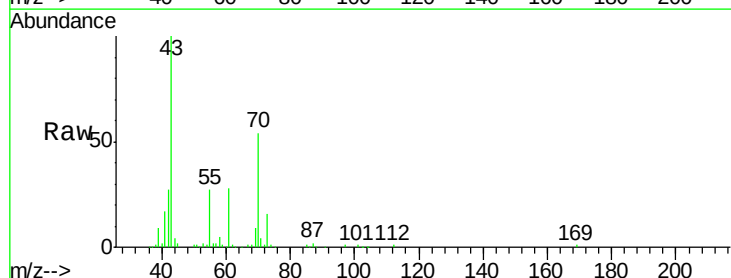
Ion Ratio Lower Upper

43 100

70 49.5 40.2 60.4

55 26.1 21.4 32.0

61 26.3 21.4 32.2

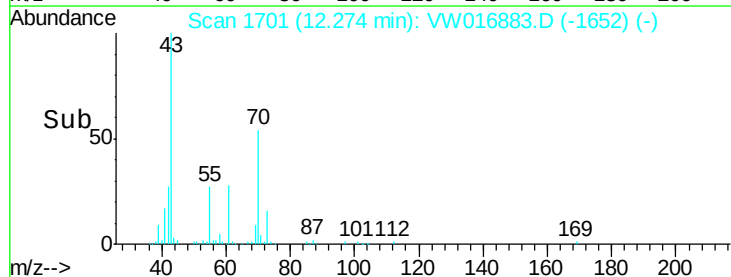
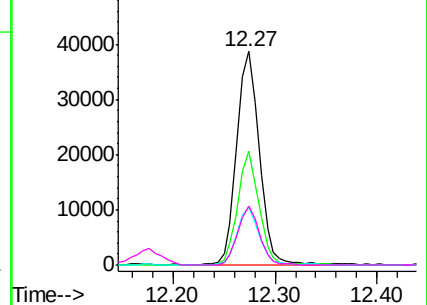


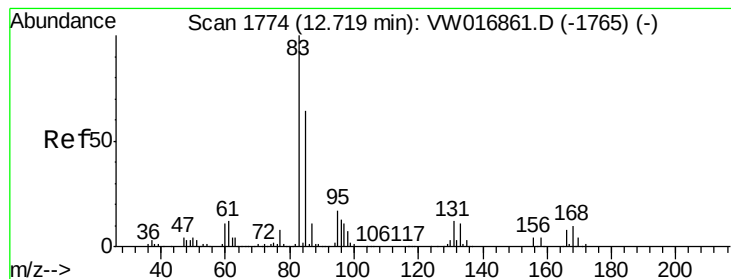
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 20.477 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

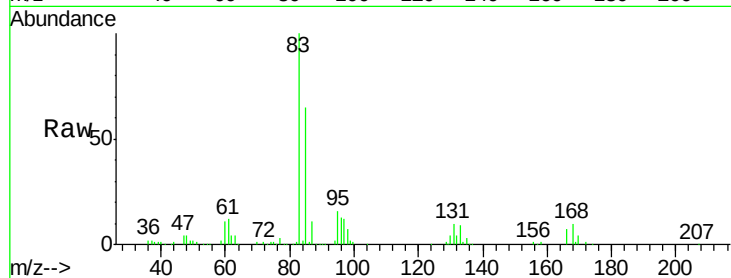
Tot Ion: 83 Resp: 58071

Ion Ratio Lower Upper

83 100

131 12.0 6.1 18.3

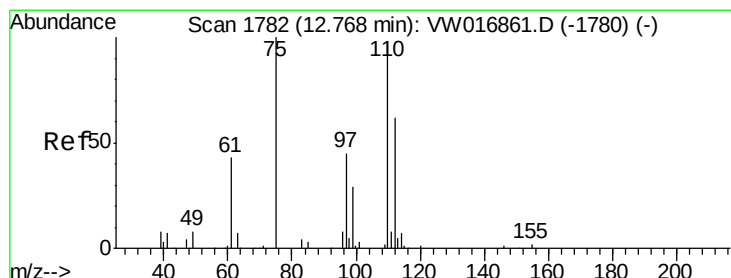
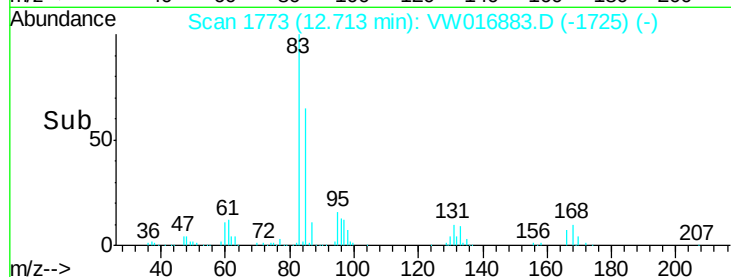
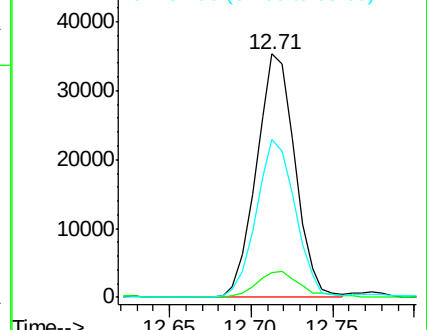
85 65.3 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 18.935 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016883.D

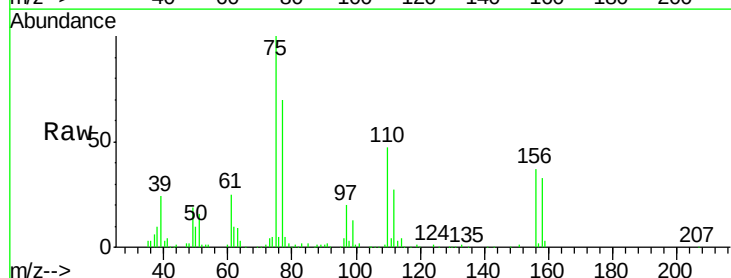
Acq: 12 Oct 2020 15:50

Tgt Ion: 75 Resp: 38421

Ion Ratio Lower Upper

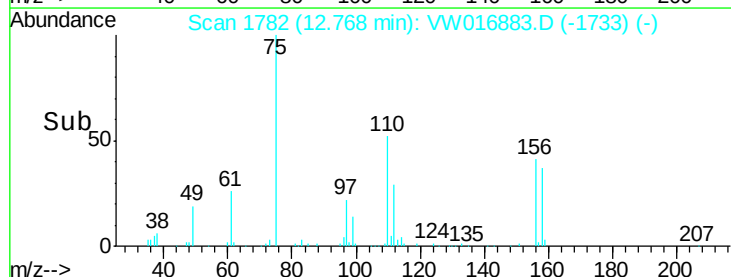
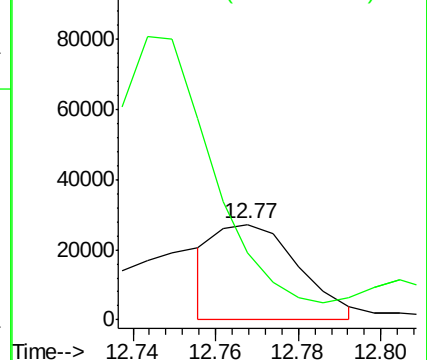
75 100

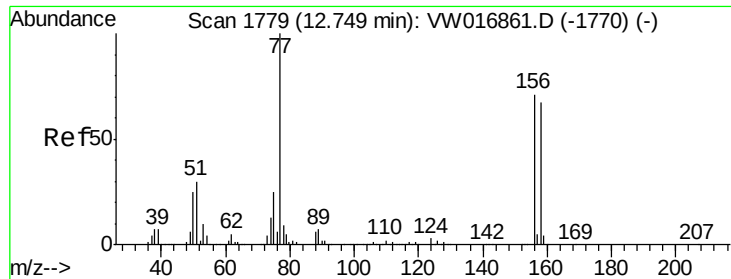
77 0.0 178.8 536.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

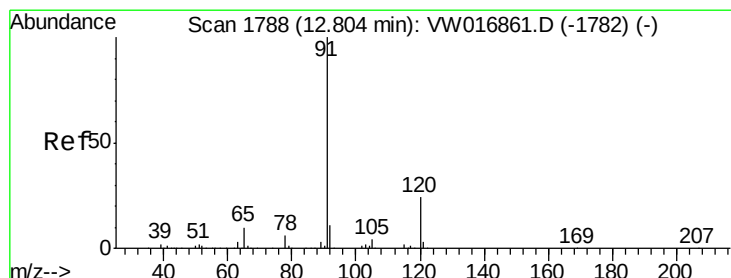
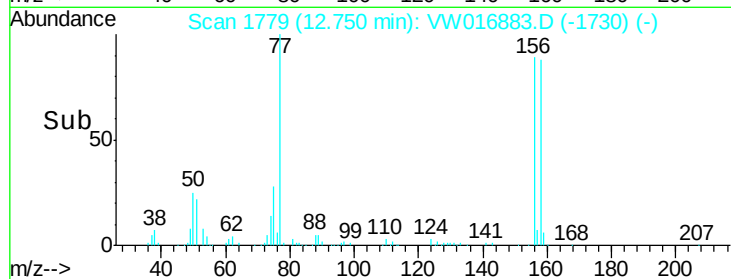
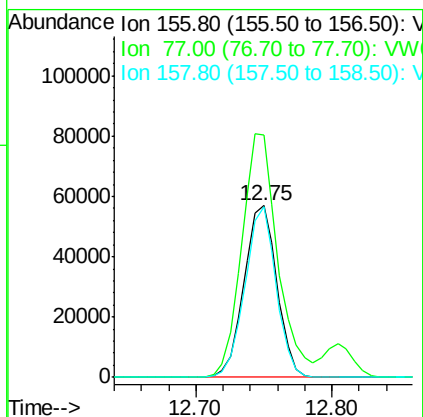
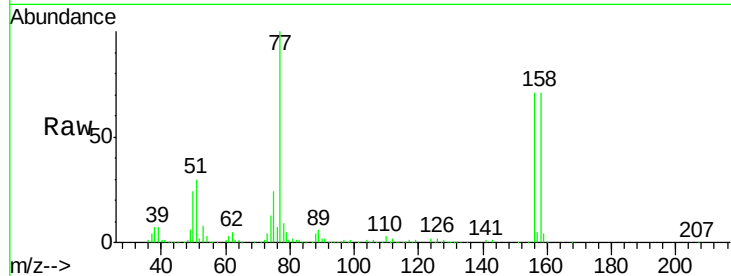




#77
Bromobenzene
Concen: 21.499 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

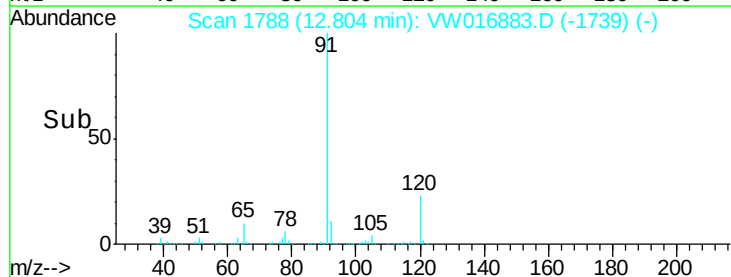
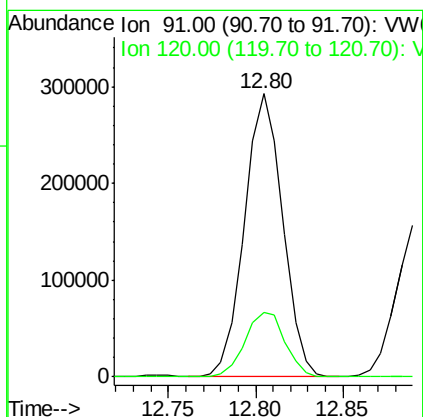
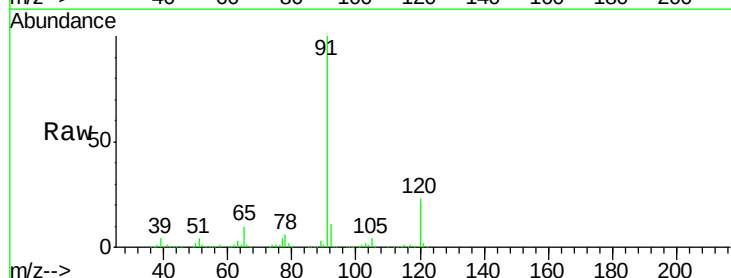
Instrument :
MSVOA_W
ClientSampled :
VW1013SBS01

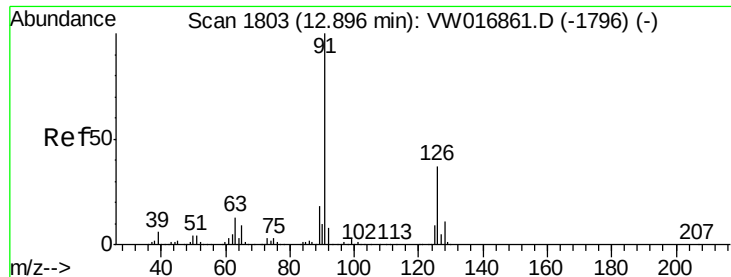
Tot Ion:156 Resp: 96055
Ion Ratio Lower Upper
156 100
77 155.7 79.0 237.2
158 94.5 47.0 141.2



#78
n-propylbenzene
Concen: 21.278 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion: 91 Resp: 443529
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.1





#79

2-Chlorotoluene

Concen: 21.206 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

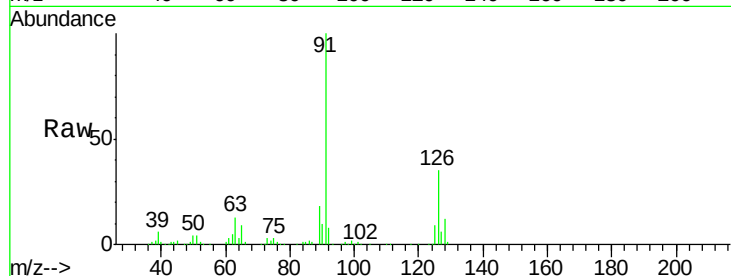
VW1013SBS01

Tot Ion: 91 Resp: 252165

Ion Ratio Lower Upper

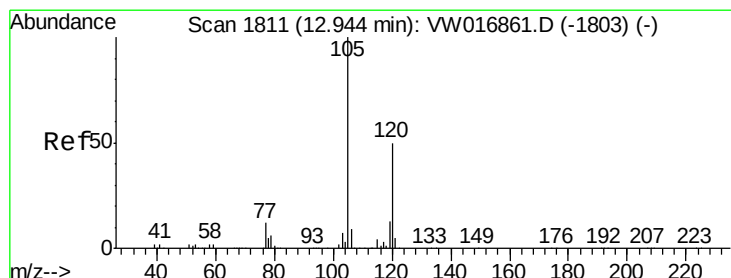
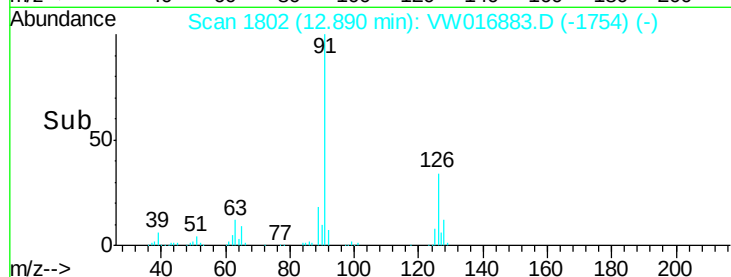
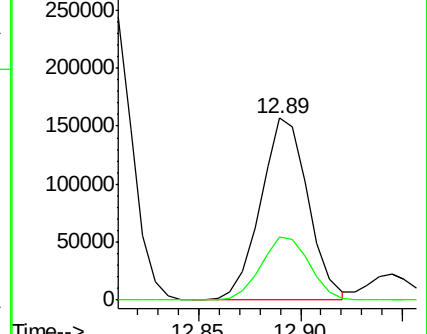
91 100

126 35.8 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.385 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016883.D

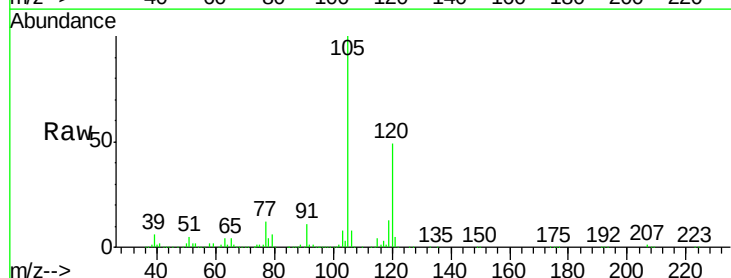
Acq: 12 Oct 2020 15:50

Tgt Ion:105 Resp: 323928

Ion Ratio Lower Upper

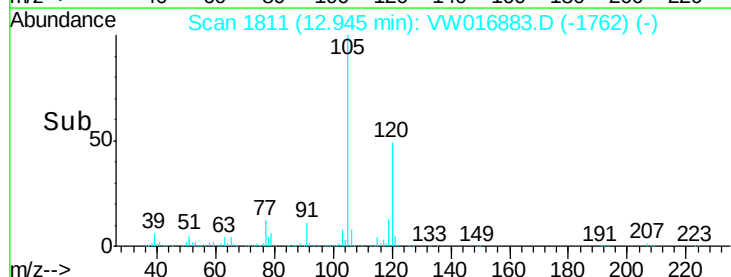
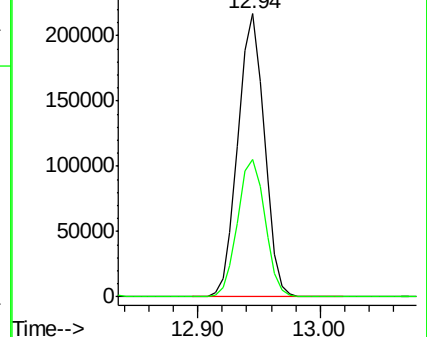
105 100

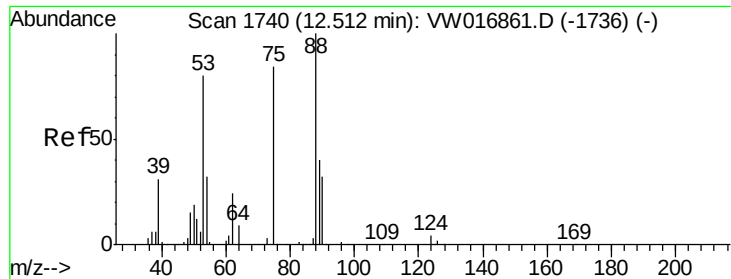
120 50.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.849 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampled :

VW1013SBS01

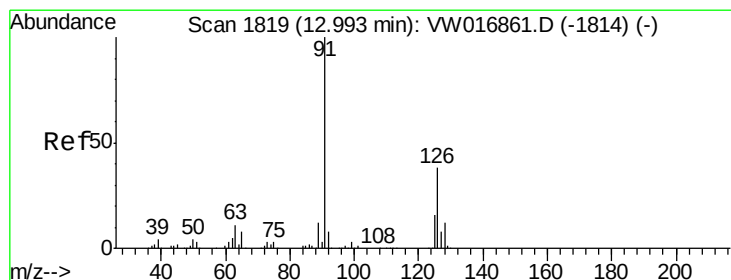
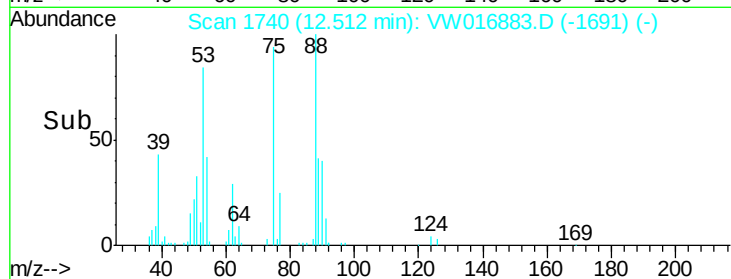
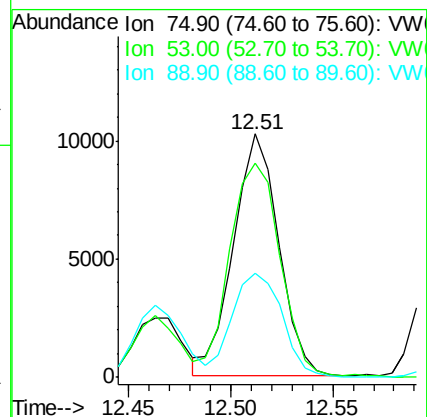
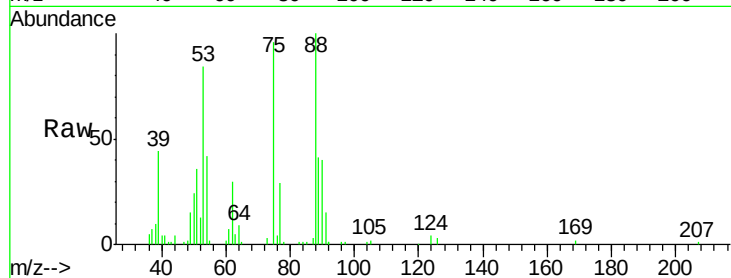
Tot Ion: 75 Resp: 15739

Ion Ratio Lower Upper

75 100

53 99.8 77.0 115.4

89 47.6 38.7 58.1



#82

4-Chlorotoluene

Concen: 21.145 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW016883.D

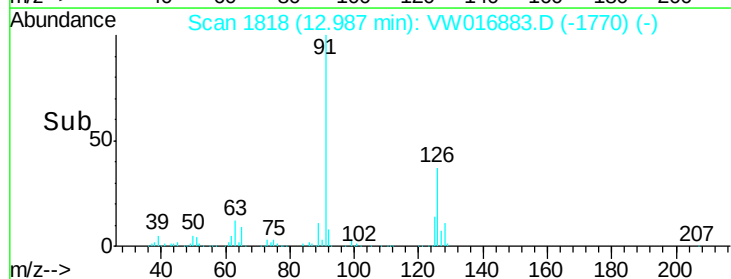
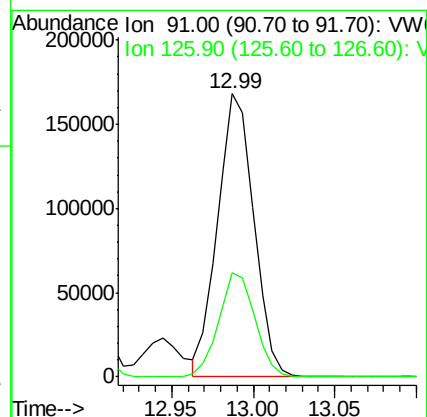
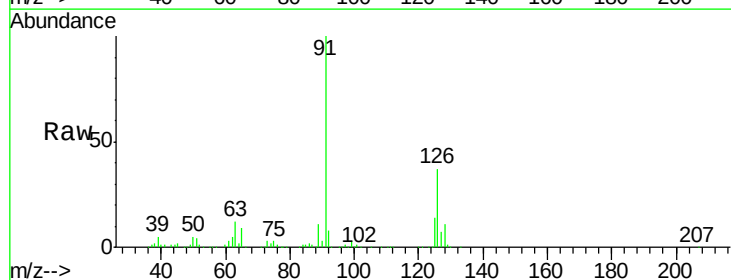
Acq: 12 Oct 2020 15:50

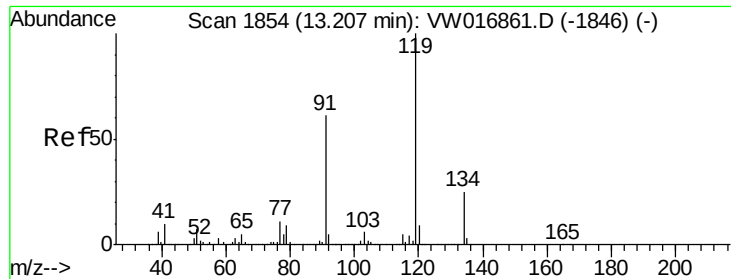
Tgt Ion: 91 Resp: 259556

Ion Ratio Lower Upper

91 100

126 37.1 18.1 54.3

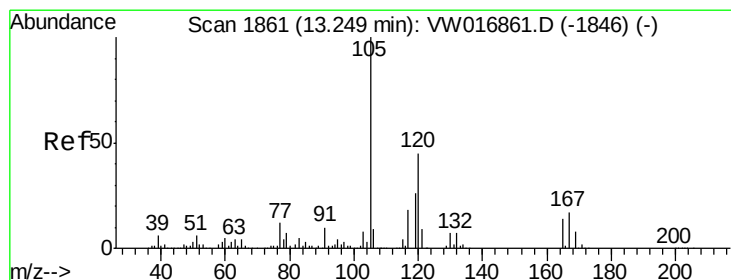
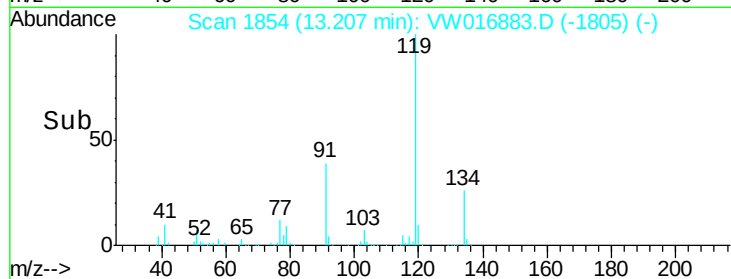
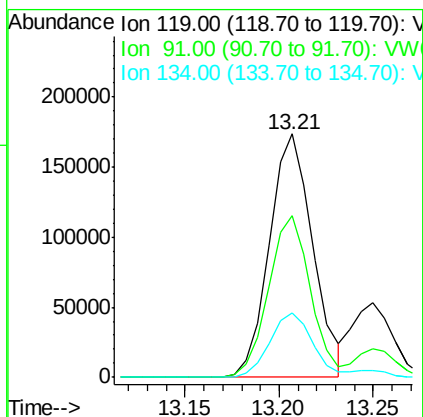
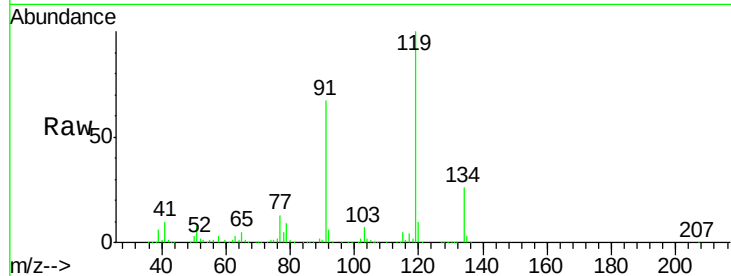




#83
tert-Butylbenzene
Concen: 21.043 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

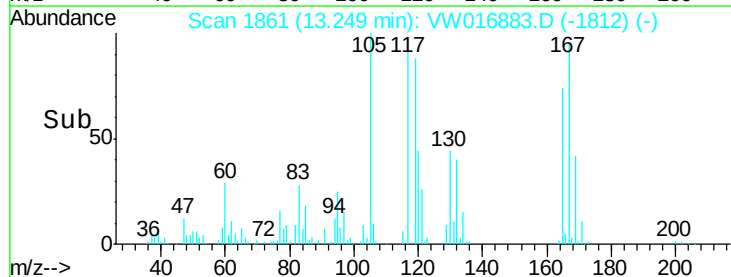
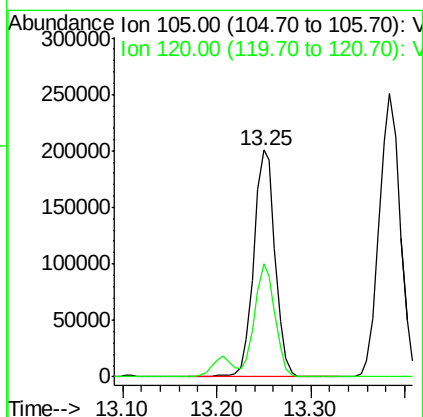
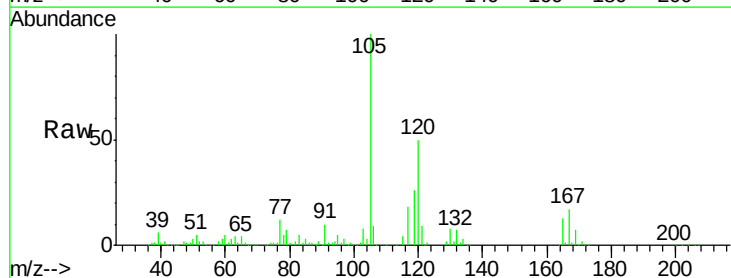
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

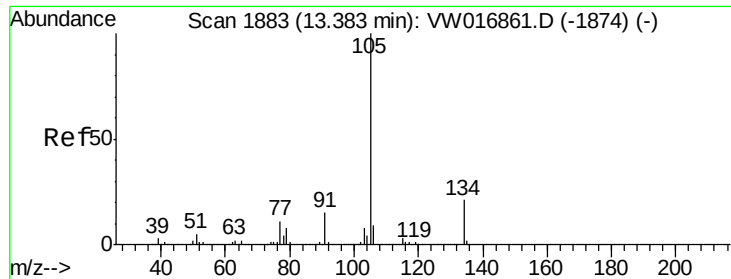
Tot Ion:119 Resp: 276847
Ion Ratio Lower Upper
119 100
91 64.0 31.3 93.9
134 26.4 14.0 42.0



#84
1,2,4-Trimethylbenzene
Concen: 21.277 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion:105 Resp: 321151
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.0





#85

sec-Butylbenzene

Concen: 21.050 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

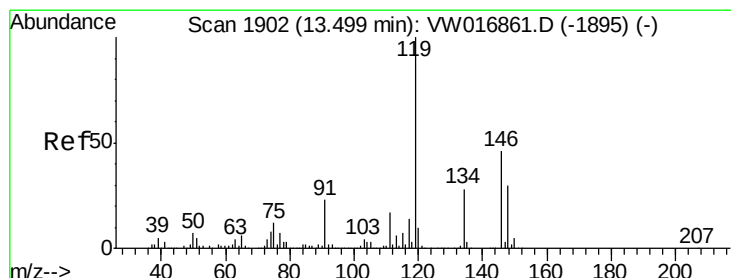
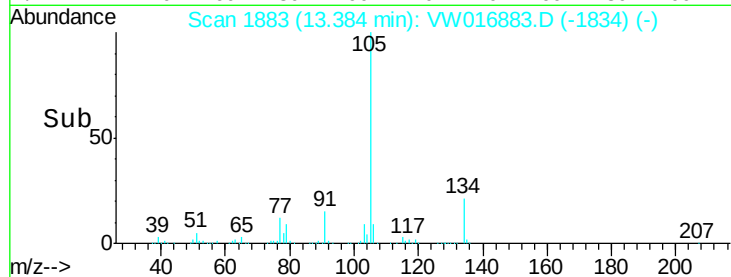
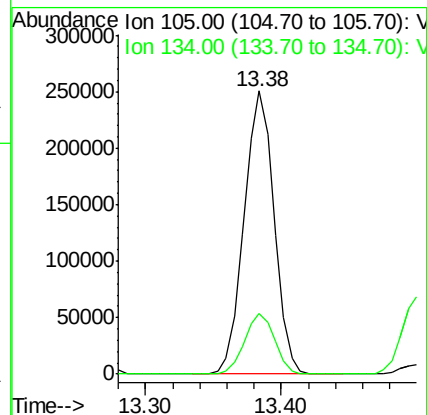
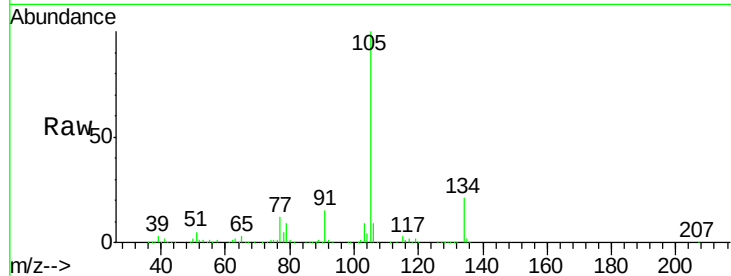
VW1013SBS01

Tot Ion:105 Resp: 385471

Ion Ratio Lower Upper

105 100

134 21.5 10.6 31.8



#86

p-Isopropyltoluene

Concen: 21.272 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

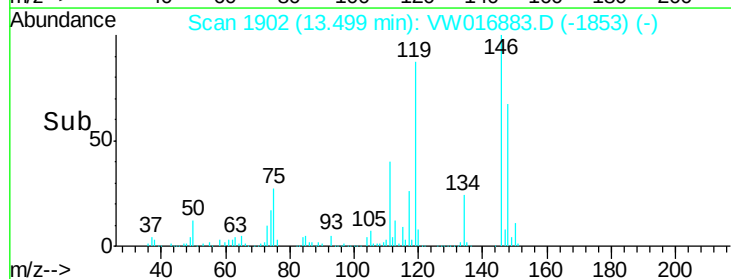
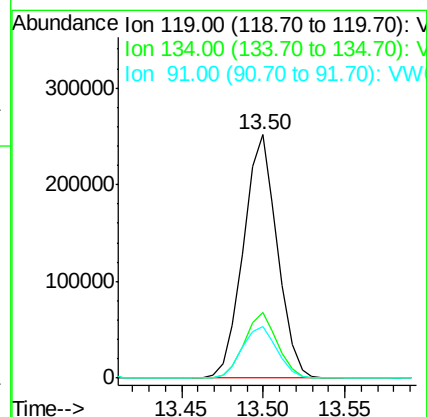
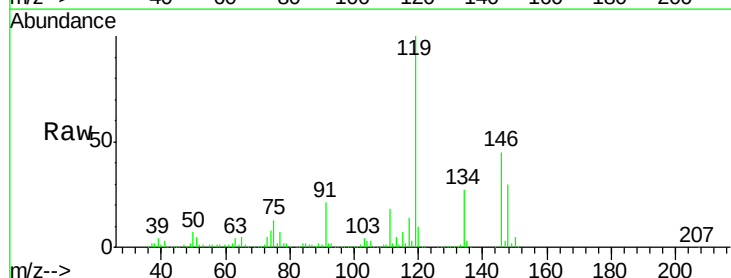
Tgt Ion:119 Resp: 362733

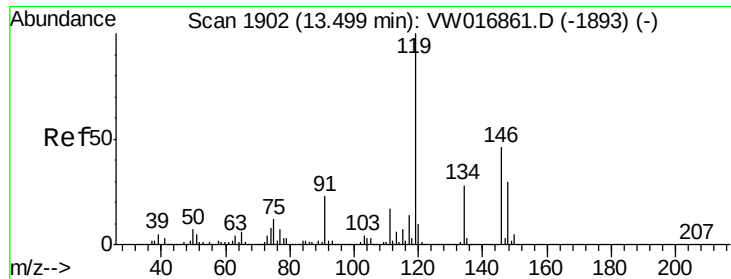
Ion Ratio Lower Upper

119 100

134 26.7 13.8 41.3

91 21.8 11.3 33.9

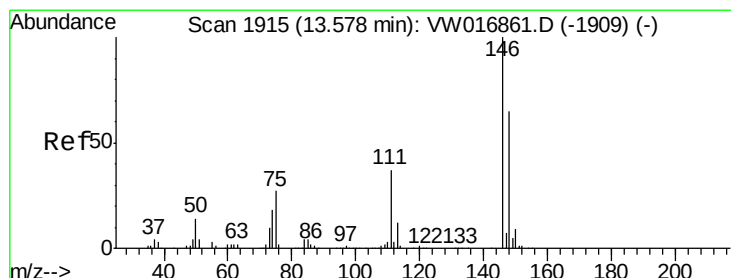
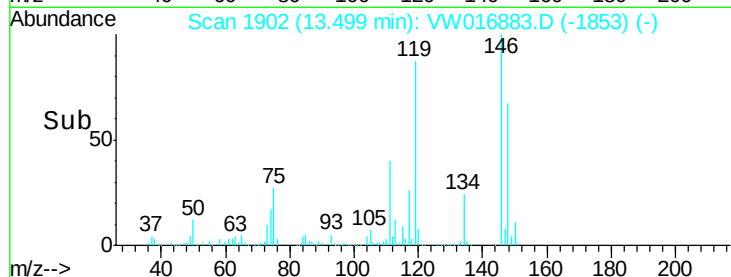
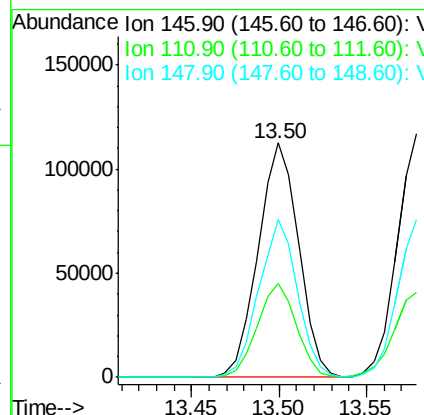
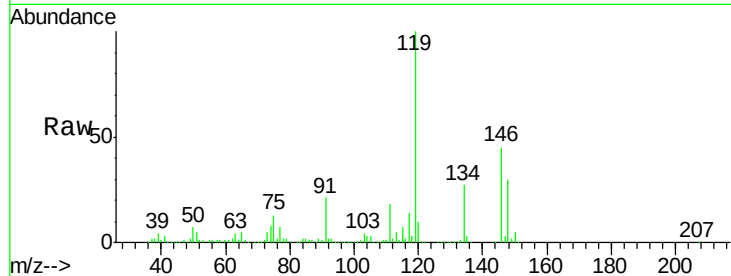




#87
 1,3-Dichlorobenzene
 Concen: 20.901 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

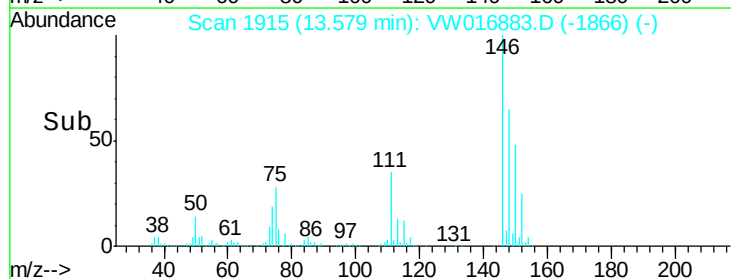
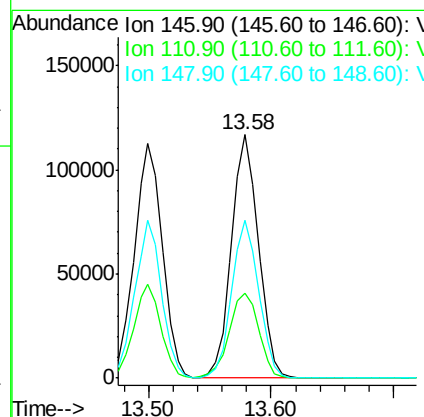
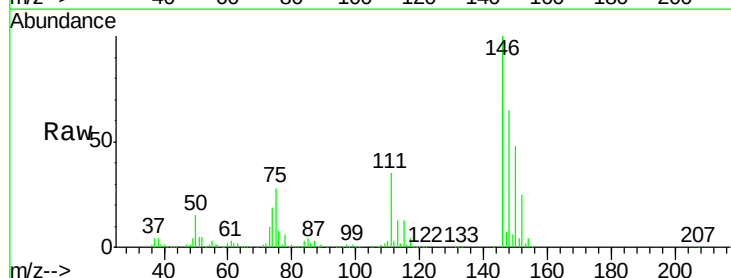
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

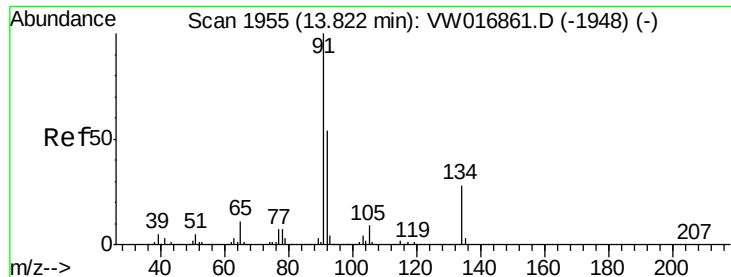
Tot Ion:146 Resp: 180590
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.5
 148 64.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 20.909 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion:146 Resp: 178027
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.5 55.5
 148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 20.943 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

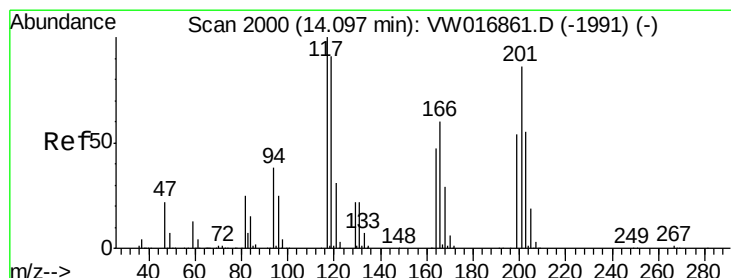
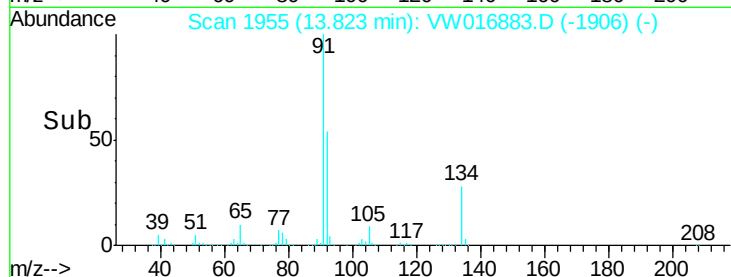
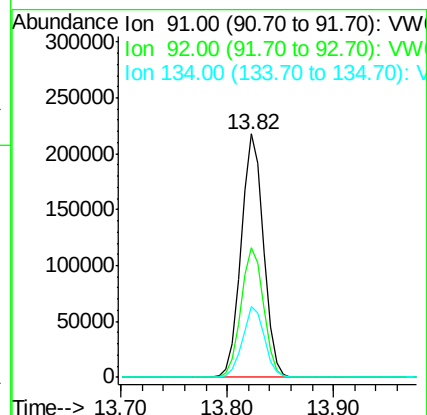
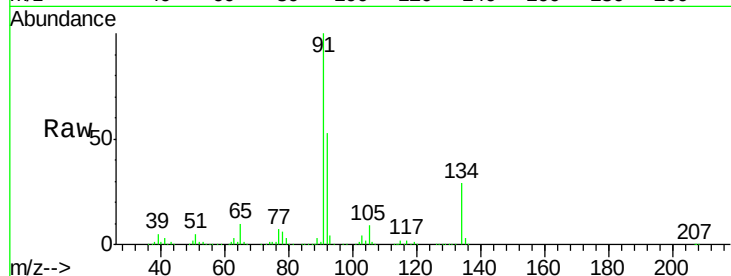
Tot Ion: 91 Resp: 321725

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 28.5 14.3 42.9



#90

Hexachloroethane

Concen: 21.223 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW016883.D

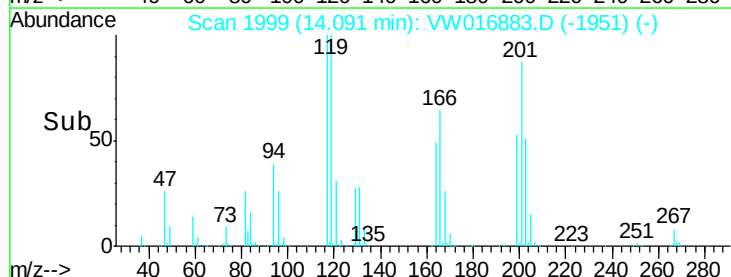
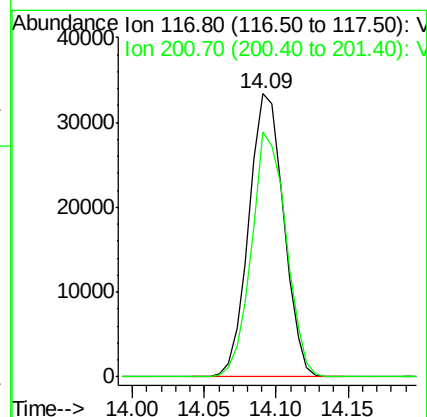
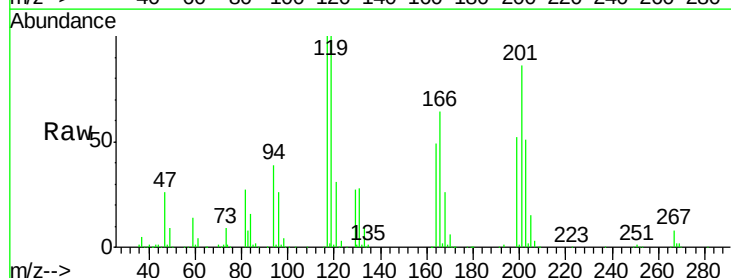
Acq: 12 Oct 2020 15:50

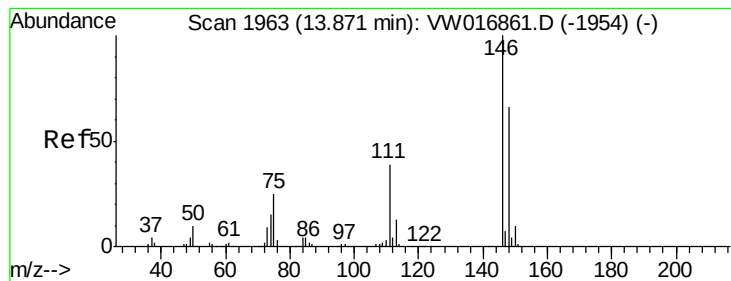
Tgt Ion: 117 Resp: 55841

Ion Ratio Lower Upper

117 100

201 85.5 41.9 125.7





#91

1,2-Dichlorobenzene

Concen: 21.160 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

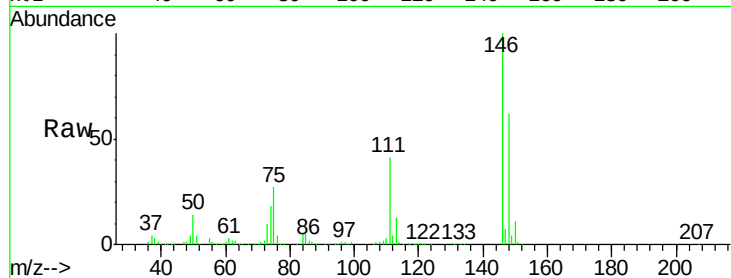
Tot Ion:146 Resp: 157740

Ion Ratio Lower Upper

146 100

111 40.6 20.1 60.3

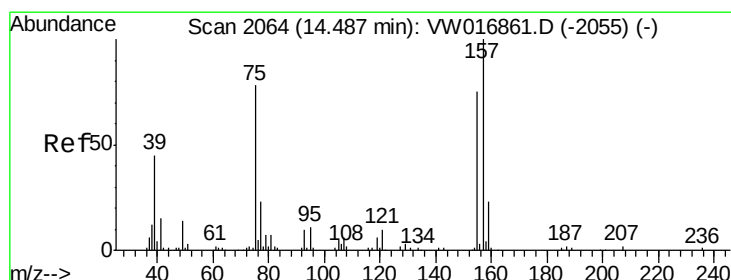
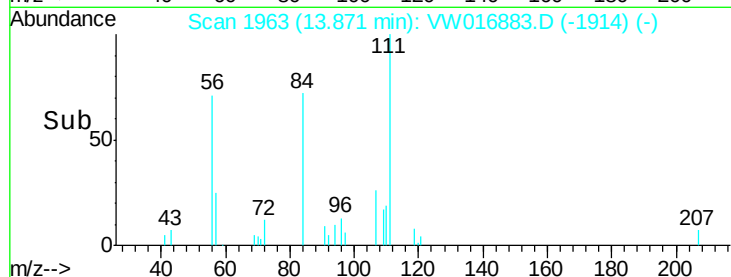
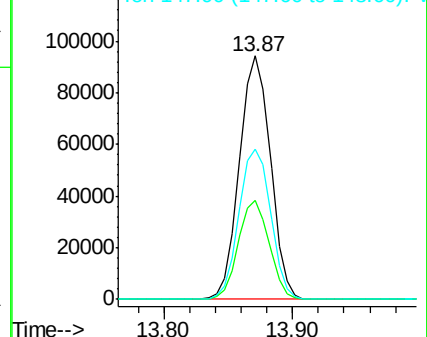
148 63.4 33.1 99.3



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: 20.332 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016883.D

Acq: 12 Oct 2020 15:50

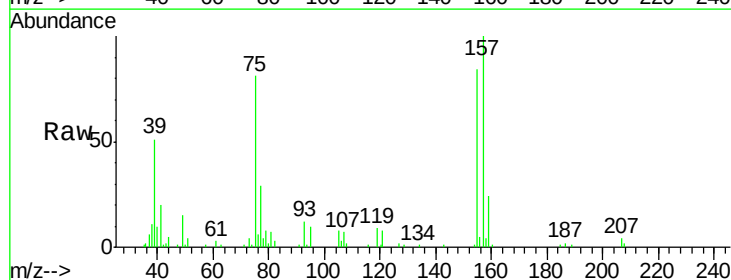
Tgt Ion: 75 Resp: 8830

Ion Ratio Lower Upper

75 100

155 96.8 47.6 142.8

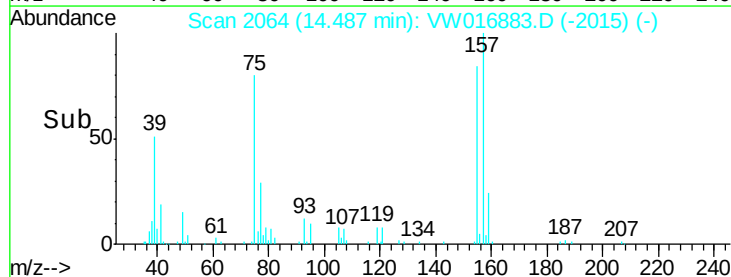
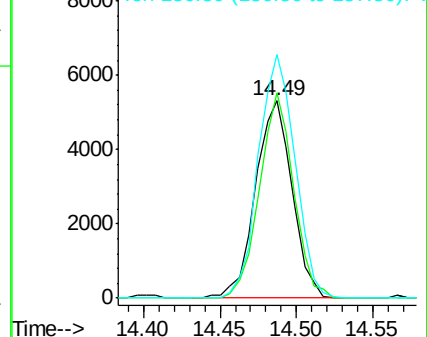
157 123.5 62.2 186.6

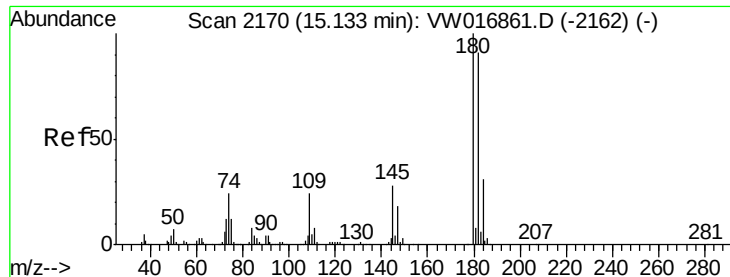


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

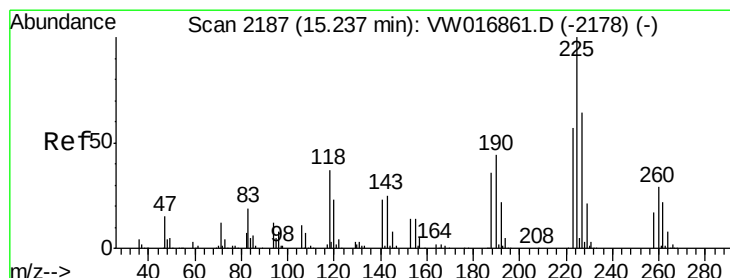
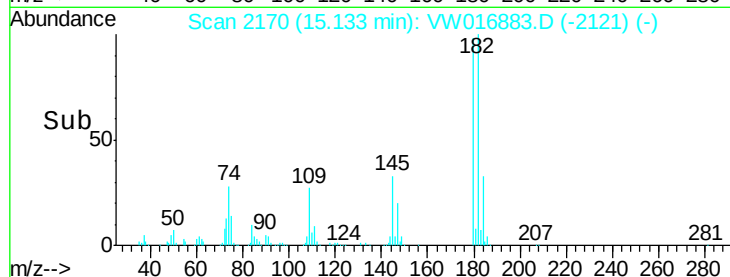
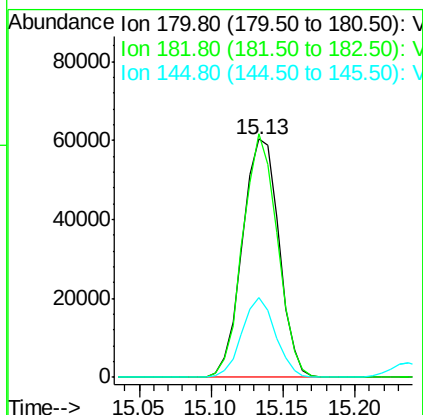
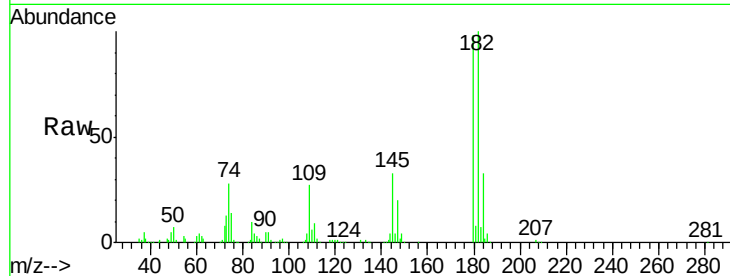




#93
 1,2,4-Trichlorobenzene
 Concen: 20.621 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

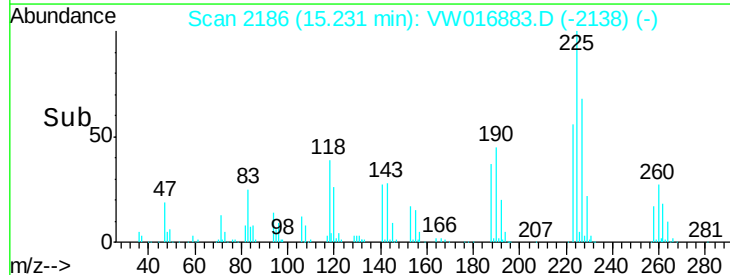
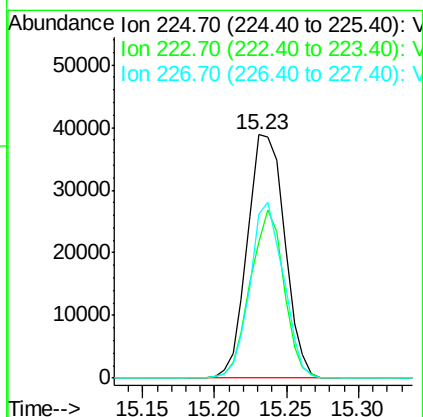
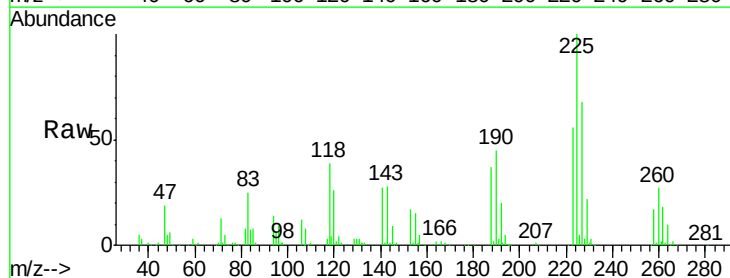
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

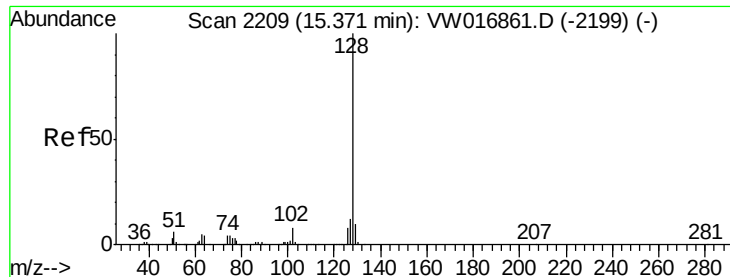
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.3	144.9
145	31.0	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 20.880 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW016883.D
 Acq: 12 Oct 2020 15:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.9	95.7
227	65.0	33.0	99.0

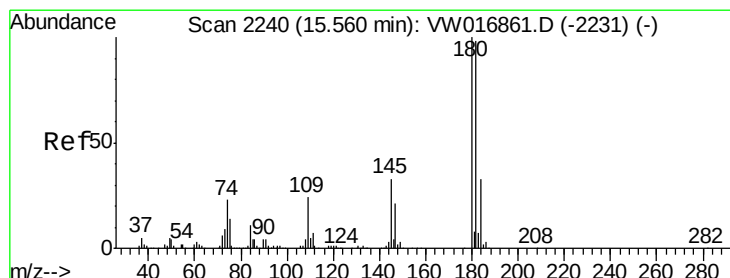
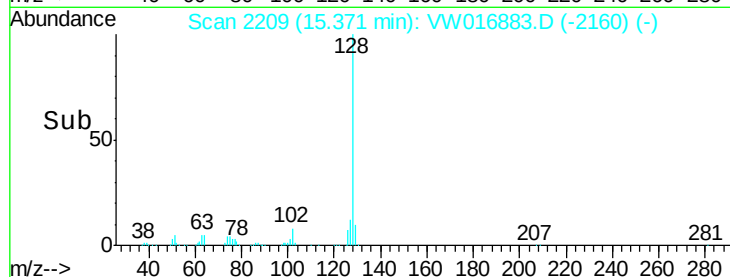
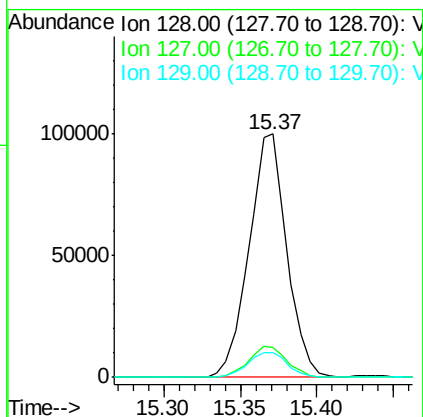
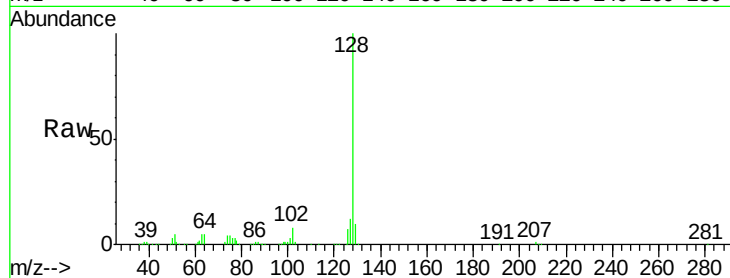




#95
Naphthalene
Concen: 20.493 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tot Ion:128 Resp: 171314
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.839 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016883.D
Acq: 12 Oct 2020 15:50

Tgt Ion:180 Resp: 93250
Ion Ratio Lower Upper
180 100
182 100.2 49.4 148.2
145 32.6 16.3 48.9

