

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101020\
 Data File : VW016866.D
 Acq On : 09 Oct 2020 18:08
 Operator : SY/VA
 Sample : VW1010SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Quant Time: Oct 10 05:16:54 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	7.96	168	391673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	577579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	524874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	259120	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	165532	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
35) Dibromofluoromethane	7.88	113	180933	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
50) Toluene-d8	10.33	98	687848	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	242259	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	49478	23.734	ug/l	99
3) Chloromethane	2.21	50	50804	21.689	ug/l	99
4) Vinyl Chloride	2.37	62	72117	21.291	ug/l	98
5) Bromomethane	2.78	94	55060	21.165	ug/l	99
6) Chloroethane	2.93	64	45821	21.257	ug/l	99
7) Trichlorofluoromethane	3.26	101	47710	19.346	ug/l	99
8) Diethyl Ether	3.68	74	32201	20.906	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	68582	20.653	ug/l	99
10) Methyl Iodide	4.28	142	113469	21.374	ug/l	98
11) Tert butyl alcohol	5.17	59	18873	121.216	ug/l #	89
12) 1,1-Dichloroethene	4.05	96	68106	20.779	ug/l	96
13) Acrolein	3.90	56	23025	109.388	ug/l	100
14) Allyl chloride	4.67	41	81741	20.834	ug/l	98
15) Acrylonitrile	5.37	53	52658	102.704	ug/l	97
16) Acetone	4.12	43	49579	96.086	ug/l	99
17) Carbon Disulfide	4.39	76	180677	20.719	ug/l	100
18) Methyl Acetate	4.67	43	25134	21.237	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	77170	21.845	ug/l	99
20) Methylene Chloride	4.92	84	79900	20.294	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	77465	21.053	ug/l	99
22) Diisopropyl ether	6.32	45	154621	21.684	ug/l	98
23) Vinyl Acetate	6.26	43	478892	104.810	ug/l	100
24) 1,1-Dichloroethane	6.22	63	118770	21.005	ug/l	98
25) 2-Butanone	7.18	43	72482	105.368	ug/l	98
26) 2,2-Dichloropropane	7.17	77	70707	20.439	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	82704	20.986	ug/l	99
28) Bromochloromethane	7.52	49	44947	19.862	ug/l	99
29) Tetrahydrofuran	7.53	42	42199	109.520	ug/l	98
30) Chloroform	7.68	83	128904	20.970	ug/l	99
31) Cyclohexane	7.96	56	97343	20.183	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	107728	20.777	ug/l	99
36) 1,1-Dichloropropene	8.09	75	100880	20.206	ug/l	99
37) Ethyl Acetate	7.25	43	34793	21.328	ug/l	99
38) Carbon Tetrachloride	8.07	117	103143	19.867	ug/l	97

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 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	114544	20.117	ug/l	98
40) Benzene	8.33	78	286697	20.607	ug/l	99
41) Methacrylonitrile	7.49	41	21473	22.213	ug/l	87
42) 1,2-Dichloroethane	8.40	62	79024	20.765	ug/l	99
43) Isopropyl Acetate	8.43	43	62934	20.138	ug/l	98
44) Trichloroethene	9.09	130	86766	20.149	ug/l	96
45) 1,2-Dichloropropane	9.37	63	64198	20.235	ug/l	99
46) Dibromomethane	9.46	93	37063	20.424	ug/l	98
47) Bromodichloromethane	9.65	83	93632	20.752	ug/l	97
48) Methyl methacrylate	9.44	41	29298	20.344	ug/l	97
49) 1,4-Dioxane	9.45	88	8964	429.448	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	160383	101.444	ug/l	99
52) Toluene	10.39	92	190494	20.713	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	81623	19.871	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	101934	20.317	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	52610	20.368	ug/l	99
56) Ethyl methacrylate	10.65	69	56671	20.168	ug/l	99
57) 1,3-Dichloropropane	10.93	76	87547	20.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	153248	98.418	ug/l	99
59) 2-Hexanone	10.97	43	105356	100.718	ug/l	99
60) Dibromochloromethane	11.13	129	63165	19.937	ug/l	99
61) 1,2-Dibromoethane	11.24	107	51942	20.306	ug/l	99
64) Tetrachloroethene	10.87	164	74780	19.997	ug/l	91
65) Chlorobenzene	11.66	112	209980	20.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	74018	20.330	ug/l	99
67) Ethyl Benzene	11.73	91	363087	20.239	ug/l	100
68) m/p-Xylenes	11.84	106	285842	40.968	ug/l	100
69) o-Xylene	12.16	106	133599	20.866	ug/l	99
70) Styrene	12.18	104	220959	20.735	ug/l	99
71) Bromoform	12.35	173	34646	18.955	ug/l #	100
73) Isopropylbenzene	12.47	105	365697	21.233	ug/l	99
74) N-amyl acetate	12.27	43	57240	20.691	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	55120	20.398	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	68607	35.484	ug/l	32
77) Bromobenzene	12.75	156	89711	21.072	ug/l	98
78) n-propylbenzene	12.80	91	421334	21.213	ug/l	99
79) 2-Chlorotoluene	12.90	91	243857	21.522	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	313925	21.750	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13881	19.297	ug/l	96
82) 4-Chlorotoluene	12.99	91	250261	21.396	ug/l	99
83) tert-Butylbenzene	13.21	119	266370	21.249	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	310927	21.619	ug/l	100
85) sec-Butylbenzene	13.38	105	374061	21.437	ug/l	100
86) p-Isopropyltoluene	13.50	119	345320	21.253	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	175575	21.326	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	172241	21.230	ug/l	99
89) n-Butylbenzene	13.82	91	309503	21.144	ug/l	98
90) Hexachloroethane	14.10	117	52073	20.770	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	154996	21.820	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8523	20.595	ug/l	98

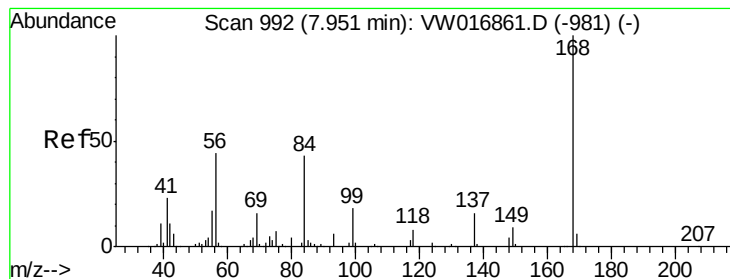
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101020\
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Quant Title : SW846 8260
QLast Update : Sat Oct 10 05:14:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	108824	22.203	ug/l	99
94) Hexachlorobutadiene	15.24	225	67115	21.124	ug/l	98
95) Naphthalene	15.37	128	171807	21.569	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	91923	21.559	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

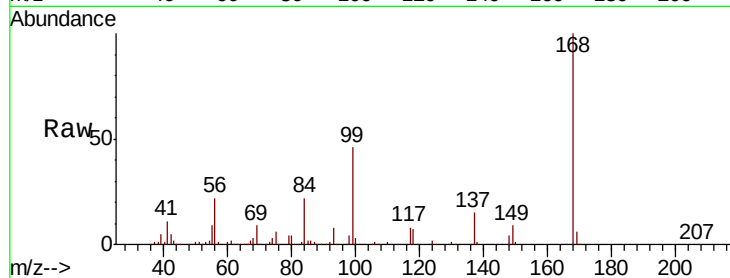
VW1010SBS01

Tot Ion:168 Resp: 391673

Ion Ratio Lower Upper

168 100

99 46.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

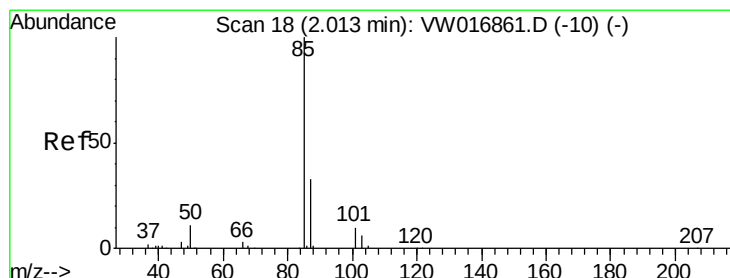
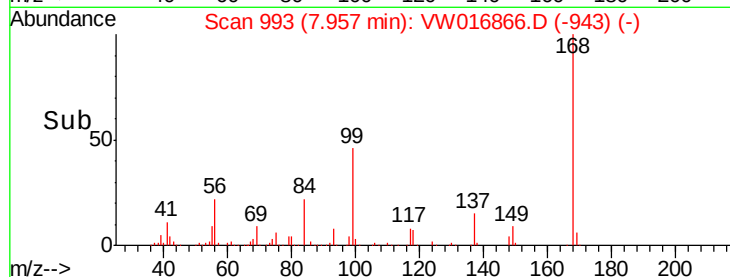
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 23.734 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016866.D

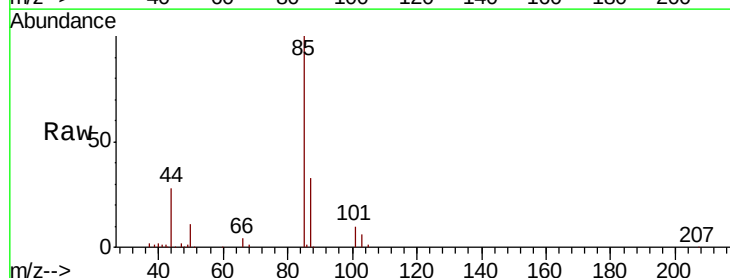
Acq: 09 Oct 2020 18:08

Tgt Ion: 85 Resp: 49478

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

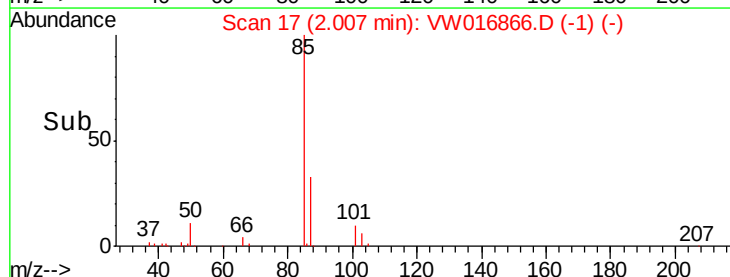
15000

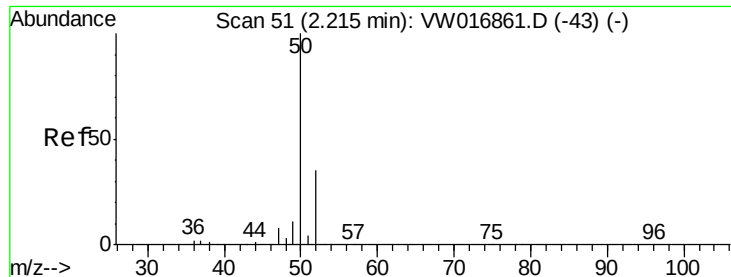
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.689 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

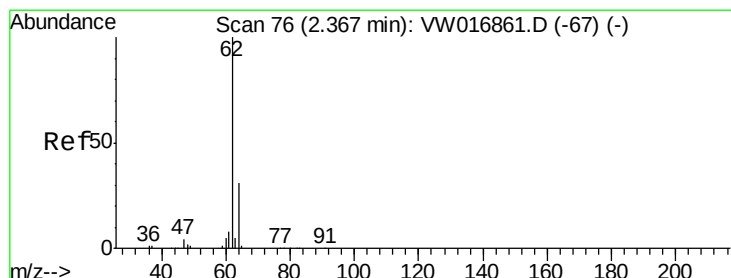
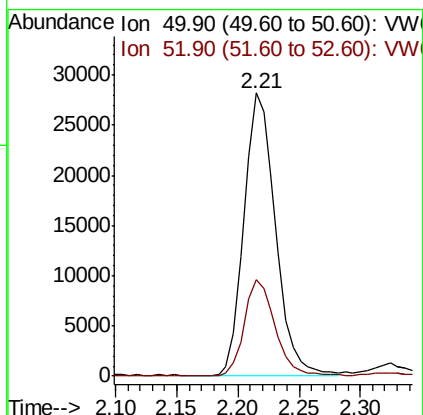
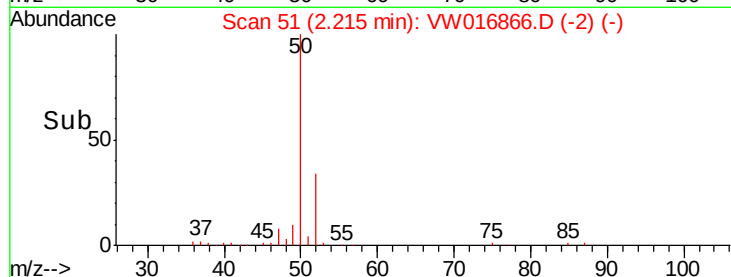
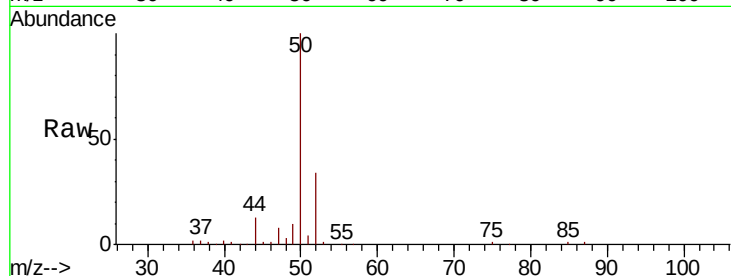
VW1010SBS01

Tot Ion: 50 Resp: 50804

Ion Ratio Lower Upper

50 100

52 34.0 27.6 41.4



#4

Vinyl Chloride

Concen: 21.291 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016866.D

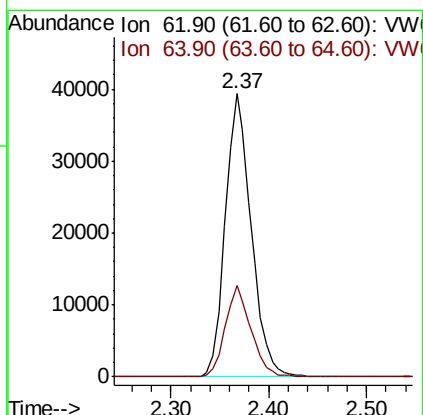
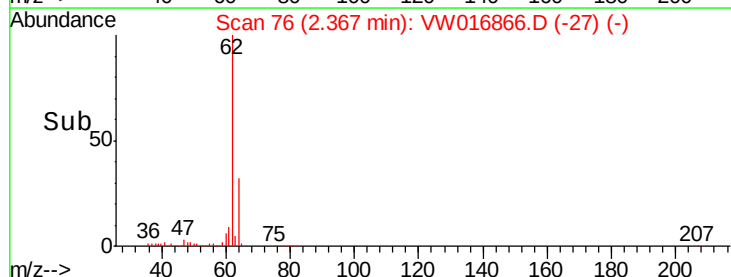
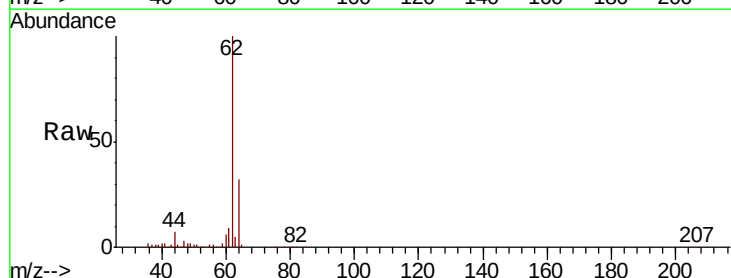
Acq: 09 Oct 2020 18:08

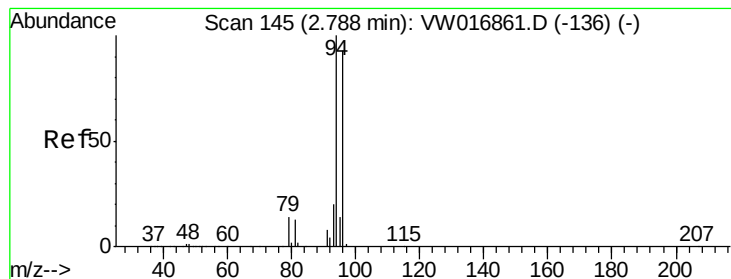
Tgt Ion: 62 Resp: 72117

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 21.165 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

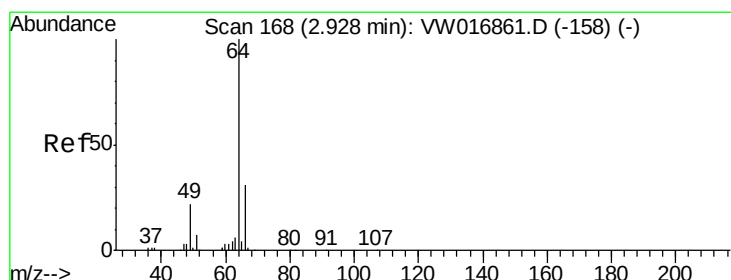
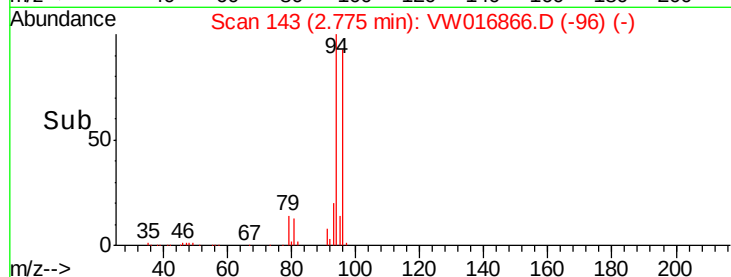
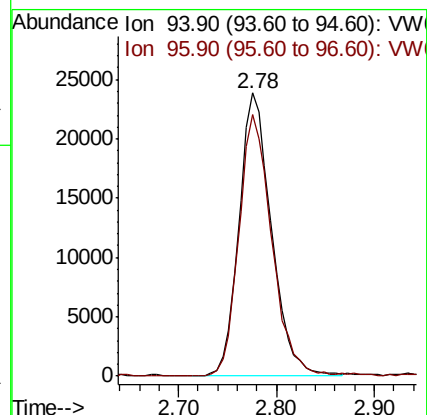
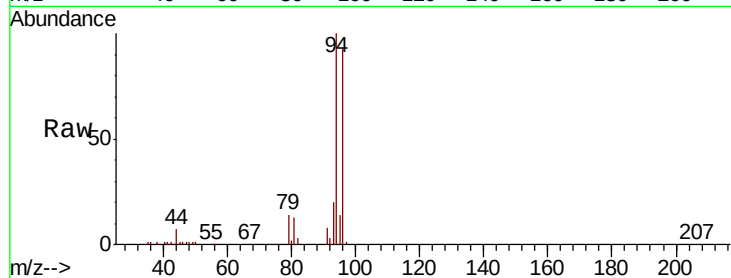
VW1010SBS01

Tot Ion: 94 Resp: 55060

Ion Ratio Lower Upper

94 100

96 92.6 74.7 112.1



#6

Chloroethane

Concen: 21.257 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016866.D

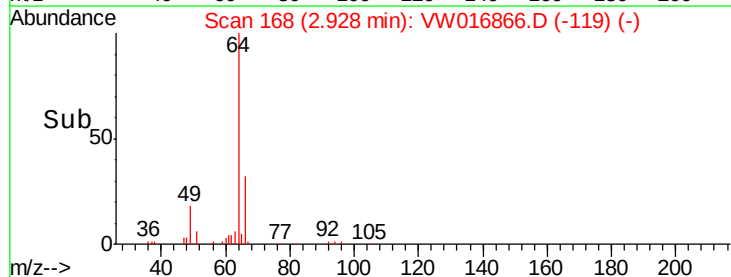
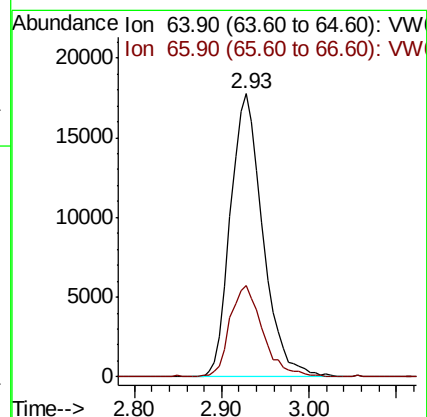
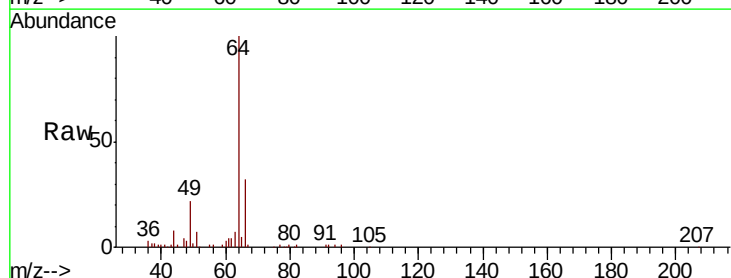
Acq: 09 Oct 2020 18:08

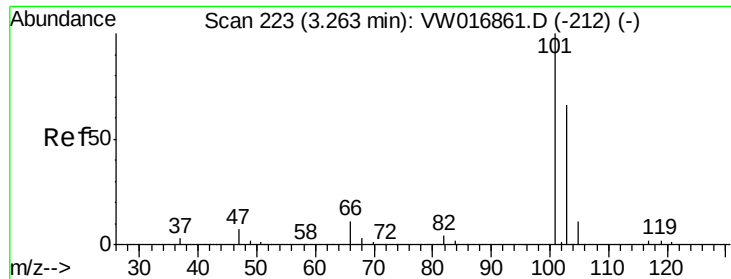
Tgt Ion: 64 Resp: 45821

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.6



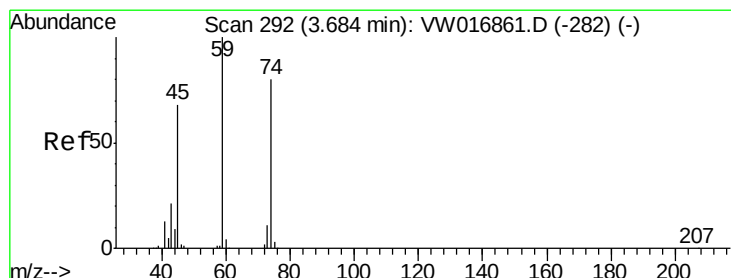
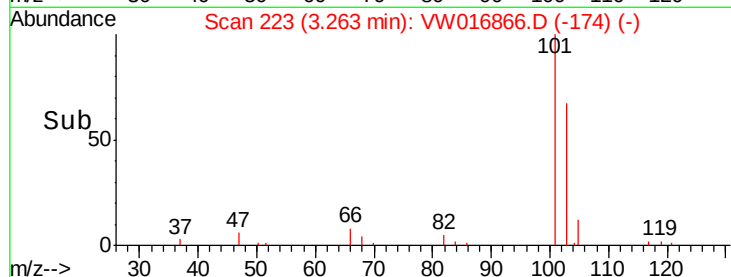
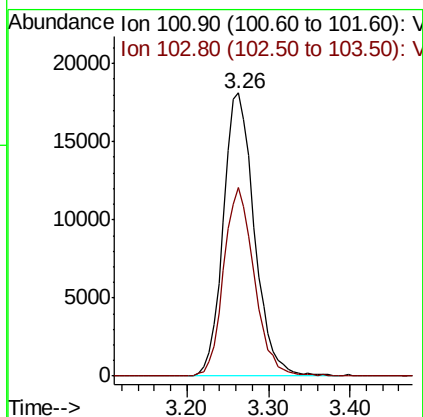
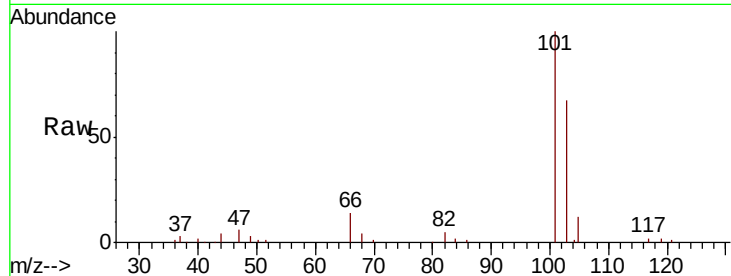


#7

Trichlorofluoromethane
Concen: 19.346 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
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VW1010SBS01

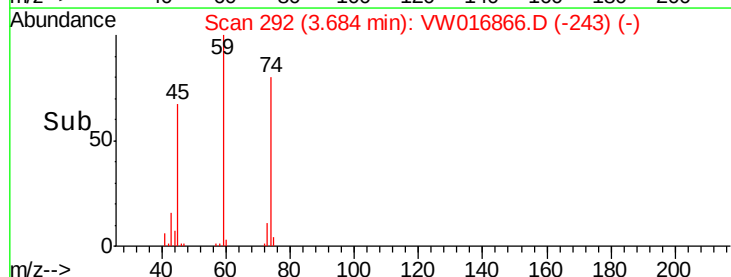
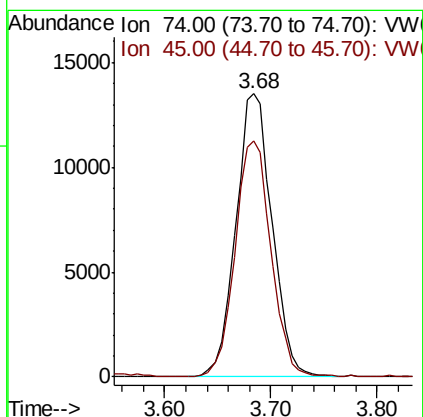
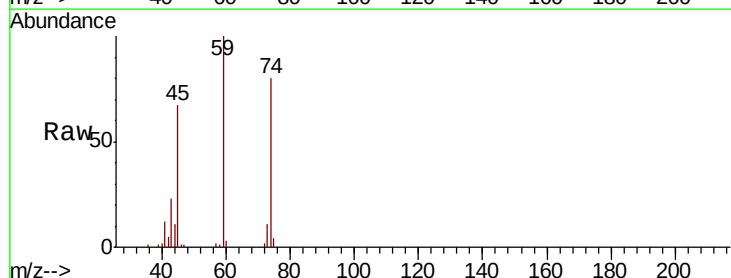
Tot Ion:101 Resp: 47710
Ion Ratio Lower Upper
101 100
103 66.5 52.6 79.0

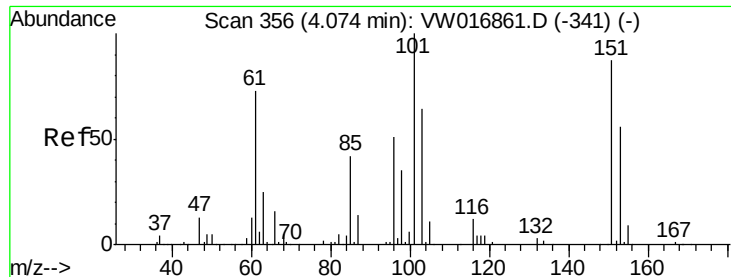


#8

Diethyl Ether
Concen: 20.906 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 74 Resp: 32201
Ion Ratio Lower Upper
74 100
45 82.9 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.653 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

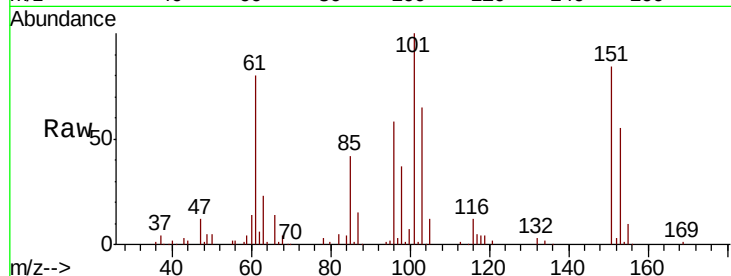
Tot Ion:101 Resp: 68582

Ion Ratio Lower Upper

101 100

85 41.7 33.2 49.8

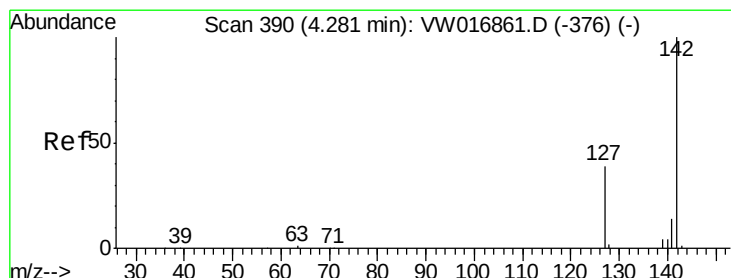
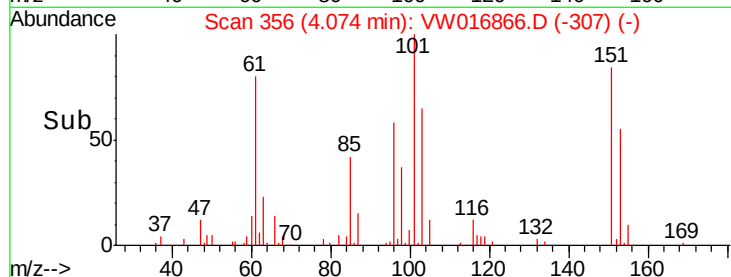
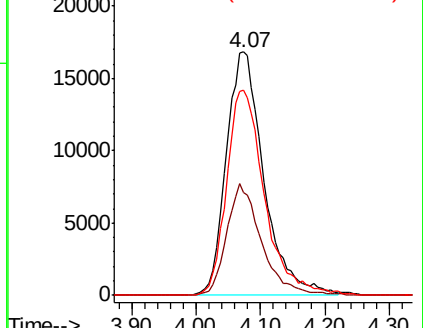
151 84.9 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.374 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

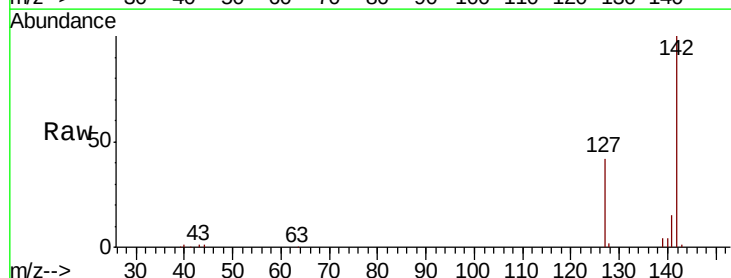
Tgt Ion:142 Resp: 113469

Ion Ratio Lower Upper

142 100

127 41.8 32.4 48.6

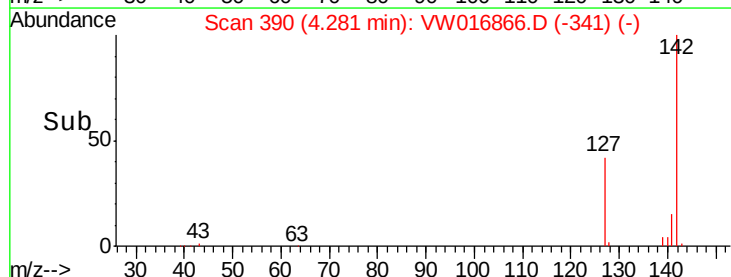
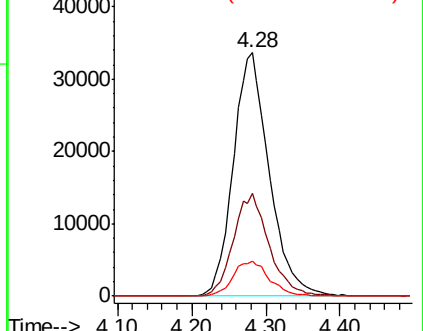
141 14.5 11.4 17.0

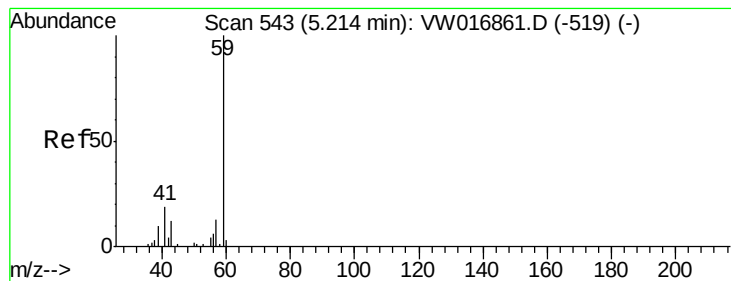


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



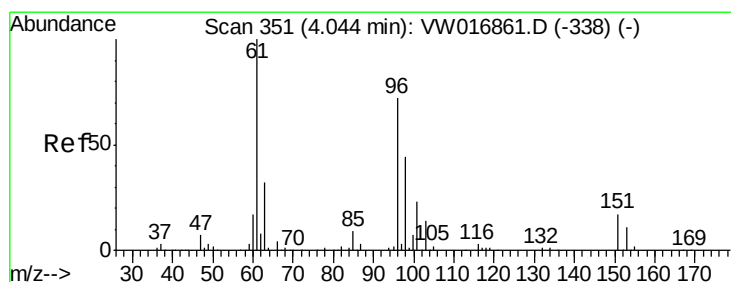
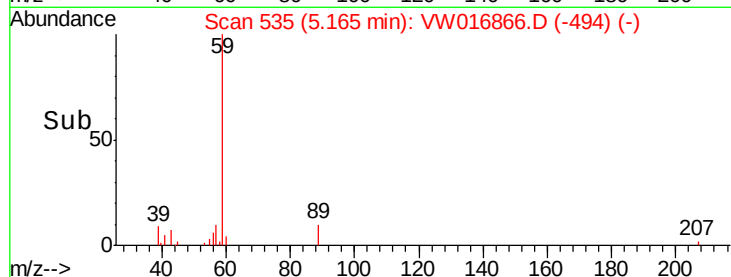
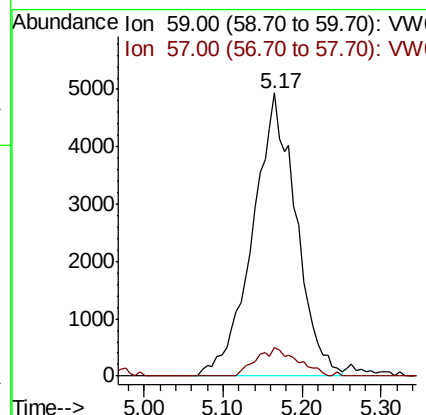
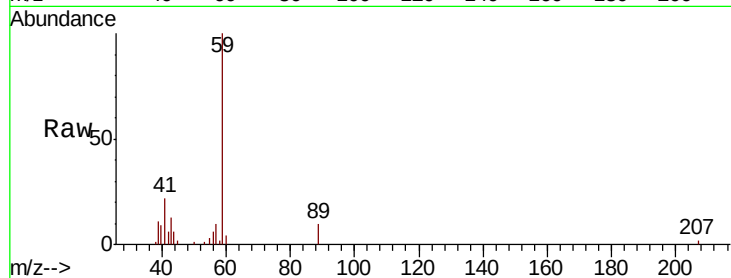


#11

Tert butyl alcohol
Concen: 121.216 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.05 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

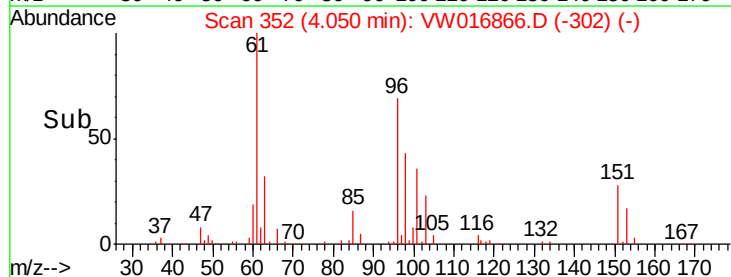
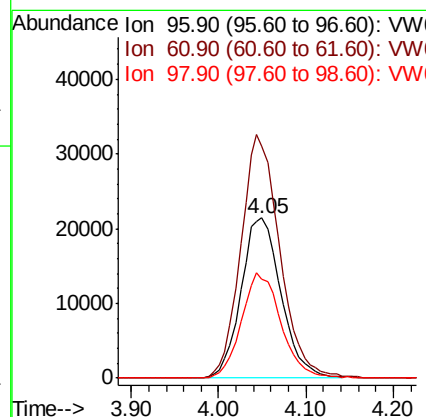
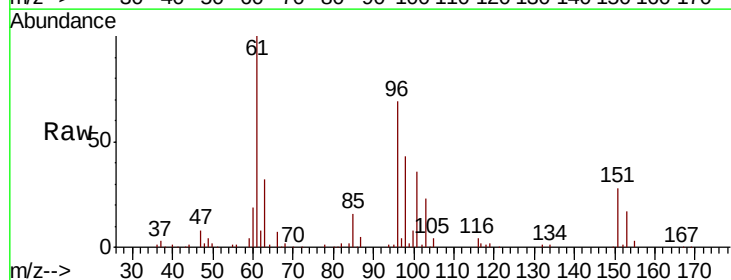
Tot Ion: 59 Resp: 18873
Ion Ratio Lower Upper
59 100
57 9.5 4.7 7.1#

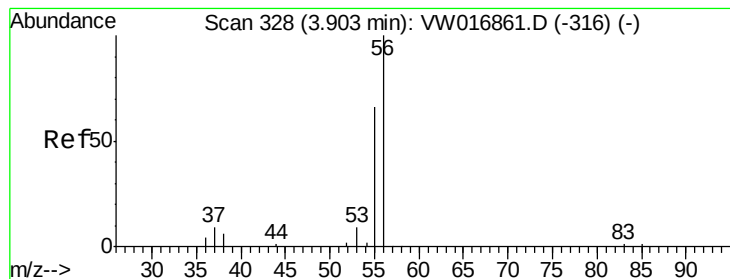


#12

1,1-Dichloroethene
Concen: 20.779 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 96 Resp: 68106
Ion Ratio Lower Upper
96 100
61 145.0 111.7 167.5
98 62.3 49.0 73.4





#13

Acrolein

Concen: 109.388 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

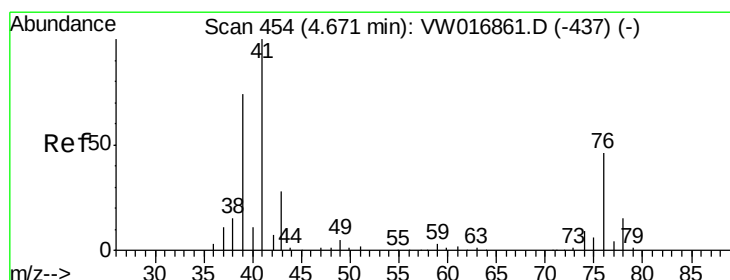
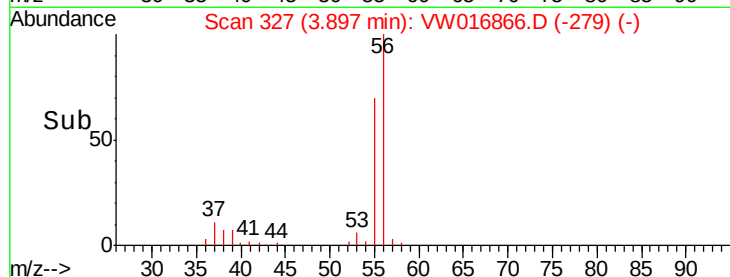
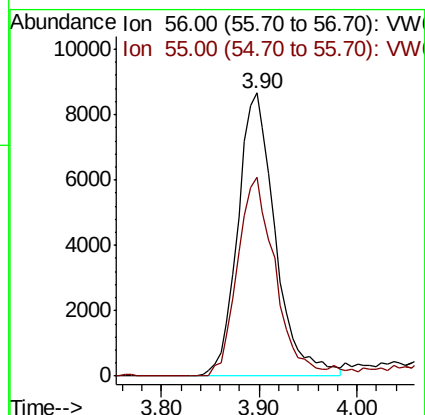
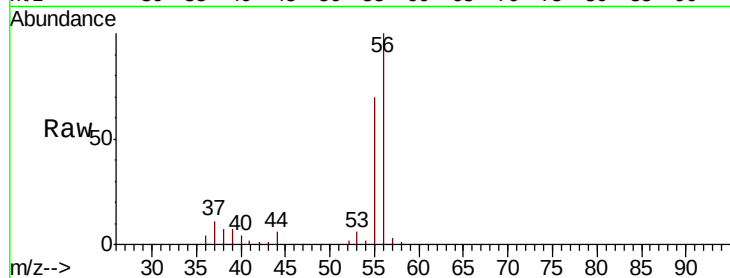
VW1010SBS01

Tot Ion: 56 Resp: 23025

Ion Ratio Lower Upper

56 100

55 70.0 55.9 83.9



#14

Allyl chloride

Concen: 20.834 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

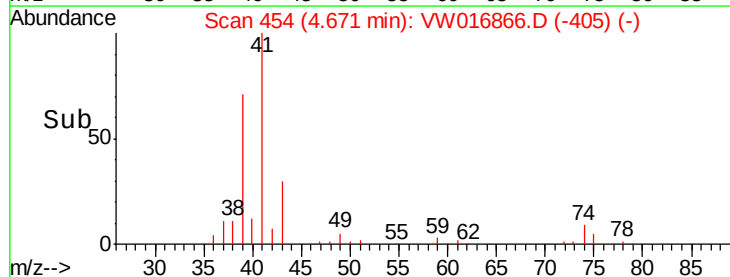
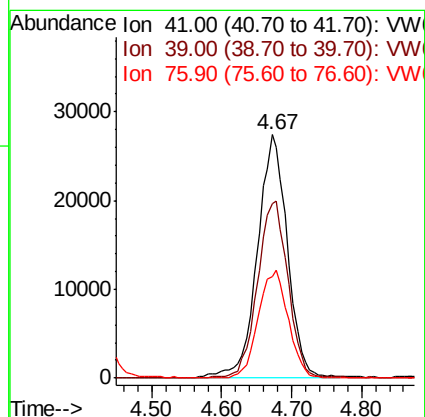
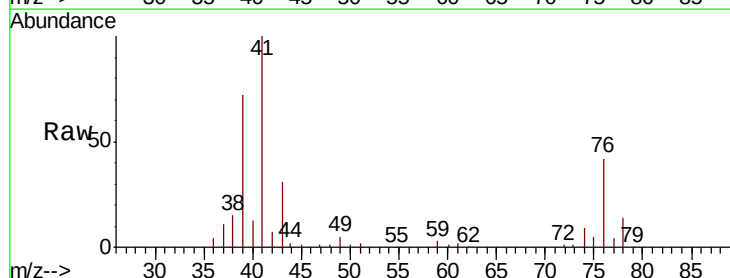
Tgt Ion: 41 Resp: 81741

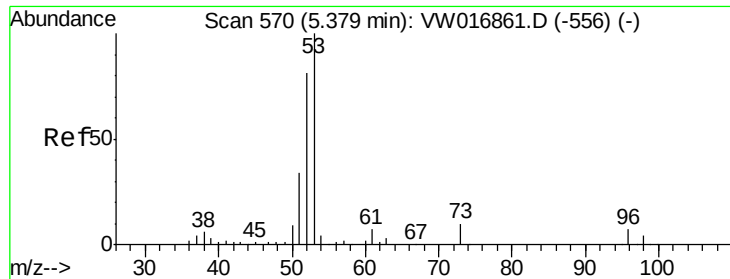
Ion Ratio Lower Upper

41 100

39 74.2 57.8 86.8

76 44.2 35.1 52.7





#15

Acrylonitrile

Concen: 102.704 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

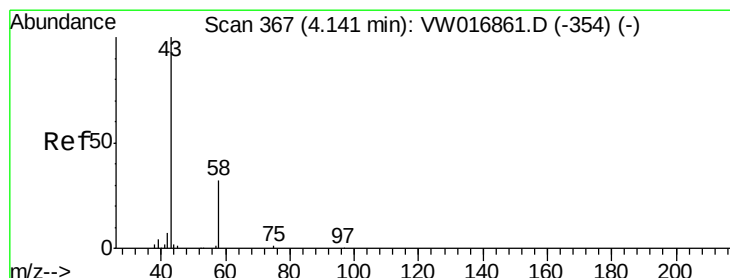
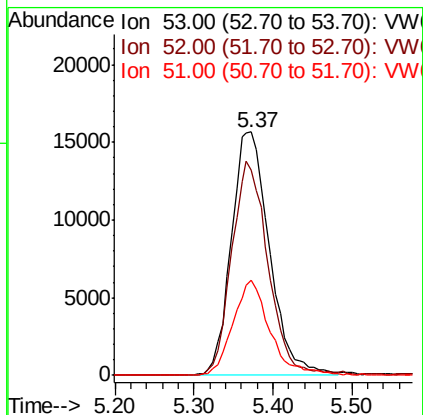
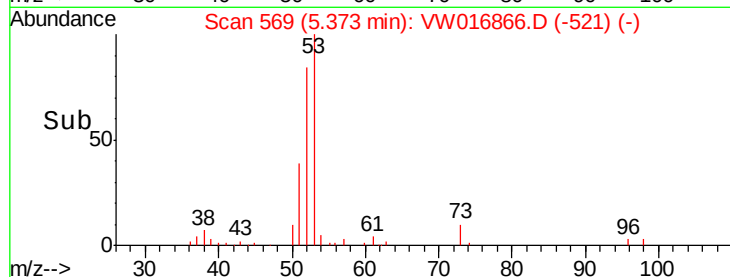
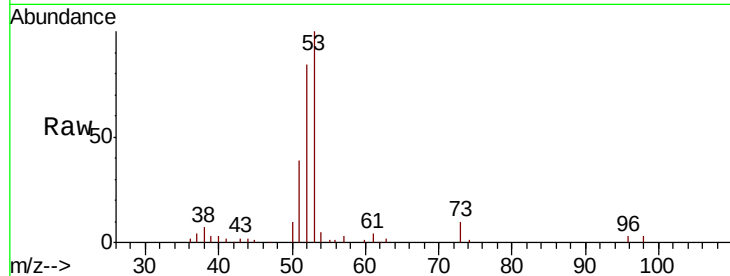
Tot Ion: 53 Resp: 52658

Ion Ratio Lower Upper

53 100

52 84.4 65.0 97.4

51 37.7 29.1 43.7



#16

Acetone

Concen: 96.086 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016866.D

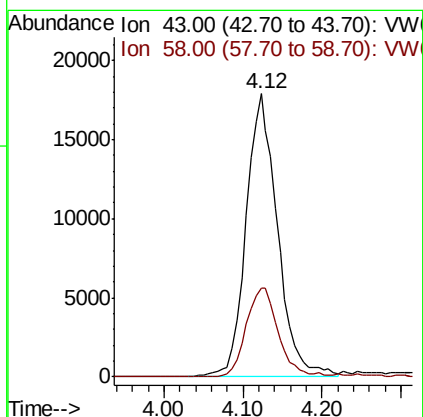
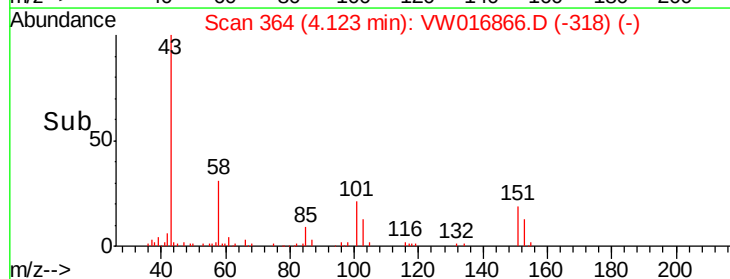
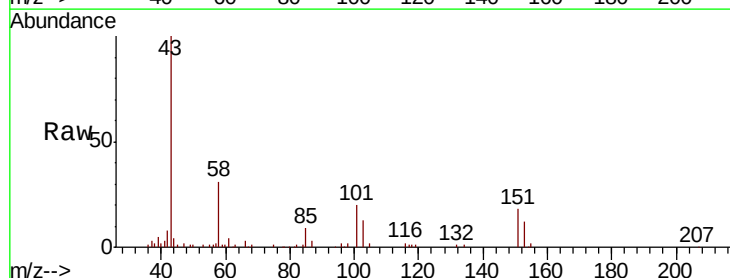
Acq: 09 Oct 2020 18:08

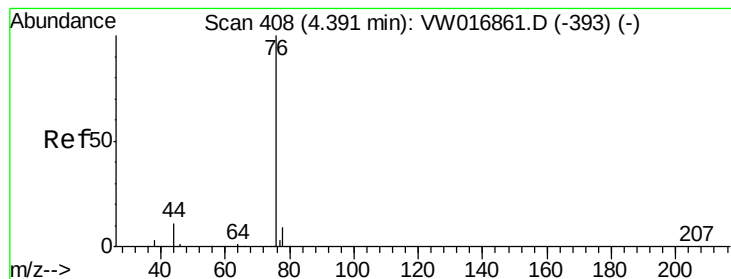
Tgt Ion: 43 Resp: 49579

Ion Ratio Lower Upper

43 100

58 31.3 25.7 38.5





#17

Carbon Disulfide

Concen: 20.719 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

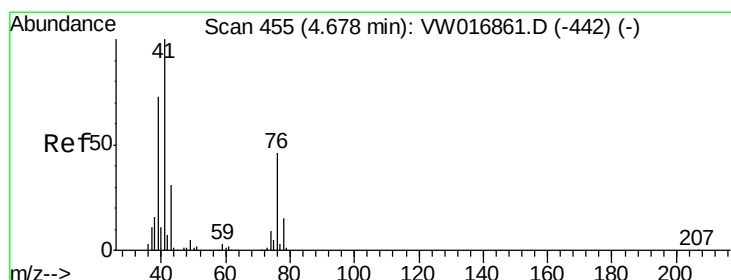
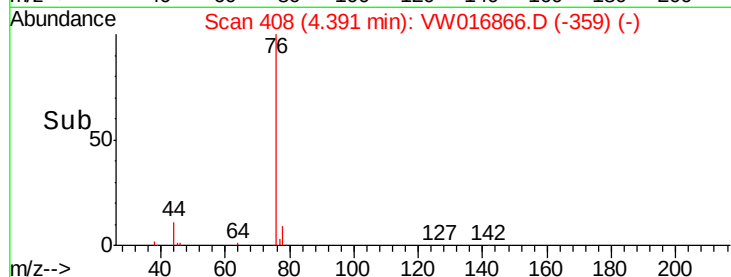
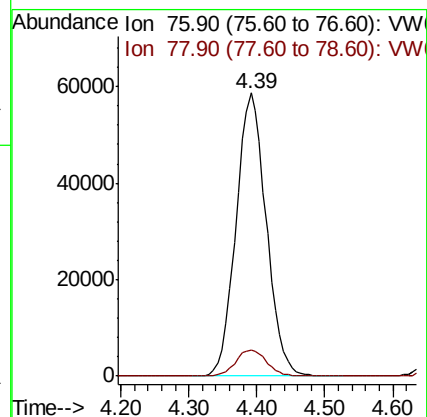
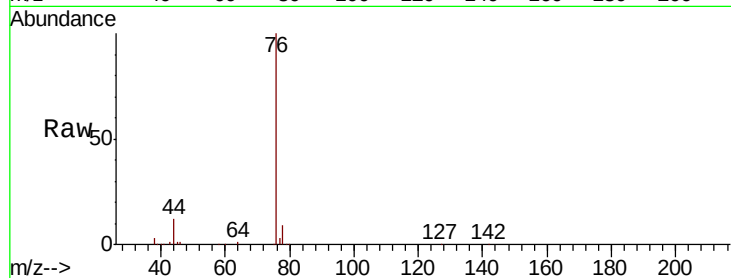
VW1010SBS01

Tot Ion: 76 Resp: 180677

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



#18

Methyl Acetate

Concen: 21.237 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW016866.D

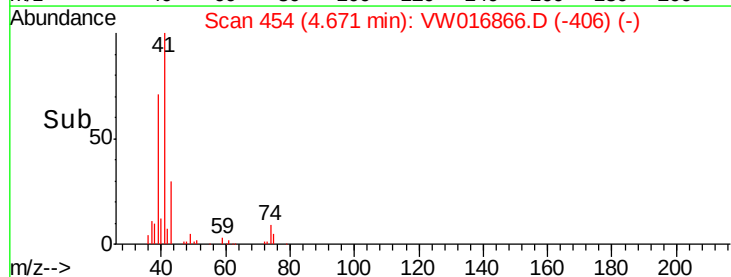
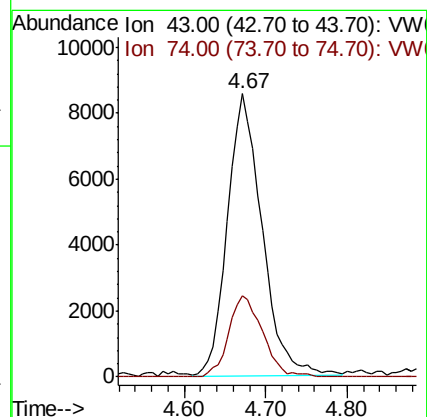
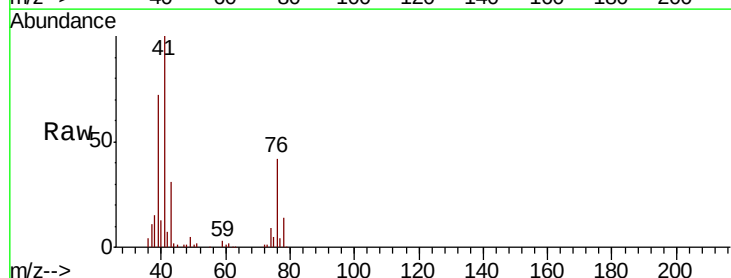
Acq: 09 Oct 2020 18:08

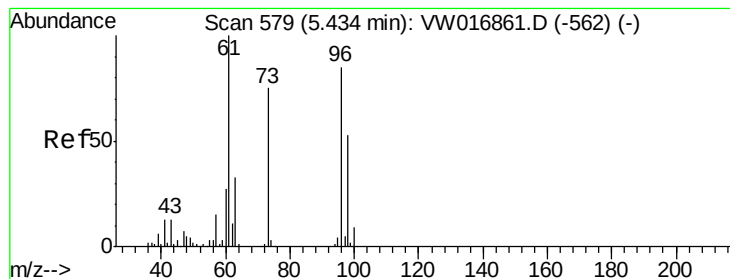
Tgt Ion: 43 Resp: 25134

Ion Ratio Lower Upper

43 100

74 28.1 23.8 35.6



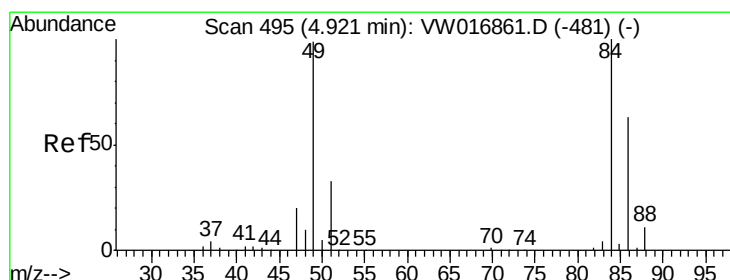
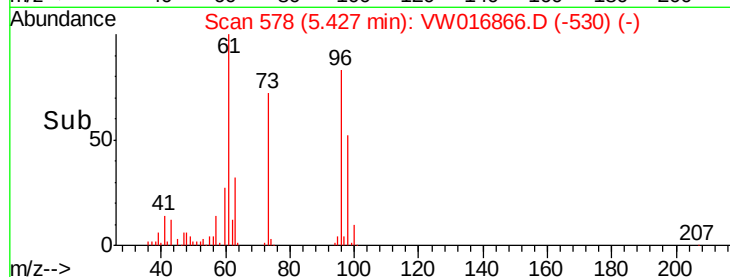
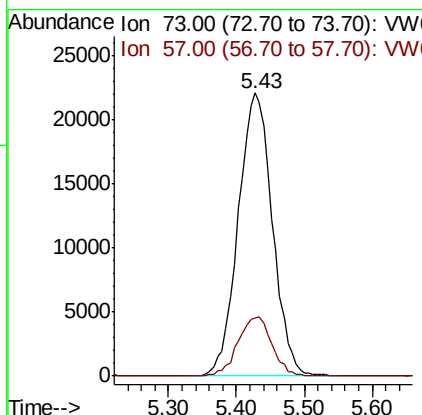
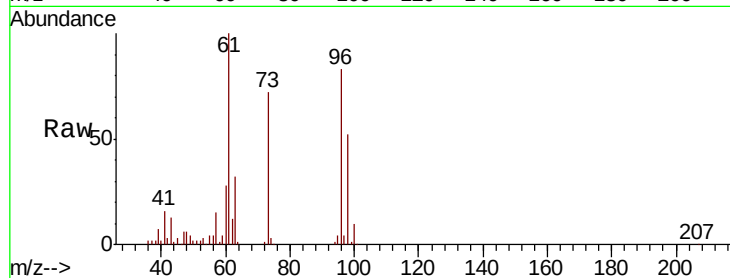


#19

Methyl tert-butyl Ether
 Concen: 21.845 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

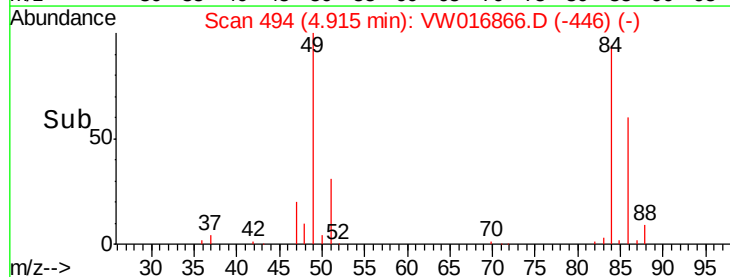
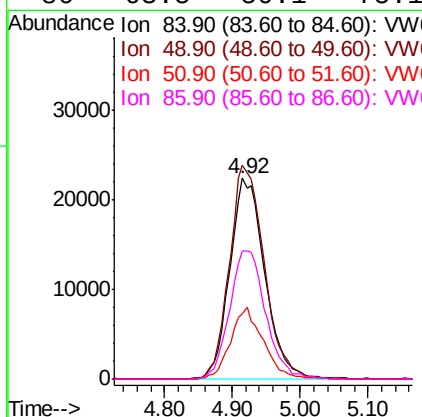
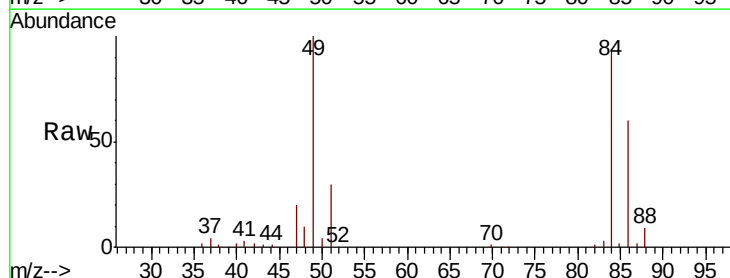
Tot Ion: 73 Resp: 77170
 Ion Ratio Lower Upper
 73 100
 57 20.4 16.1 24.1

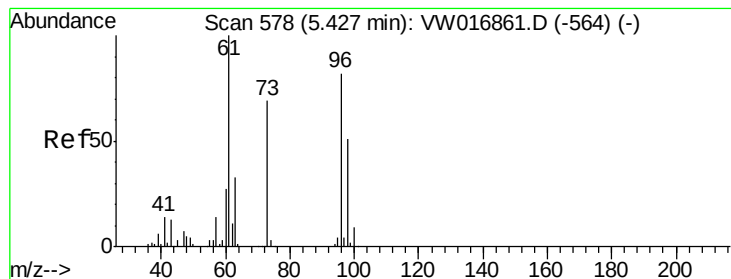


#20

Methylene Chloride
 Concen: 20.294 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 84 Resp: 79900
 Ion Ratio Lower Upper
 84 100
 49 106.4 79.0 118.6
 51 32.3 26.1 39.1
 86 63.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 21.053 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

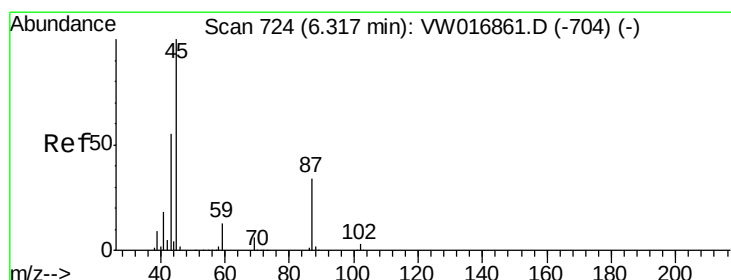
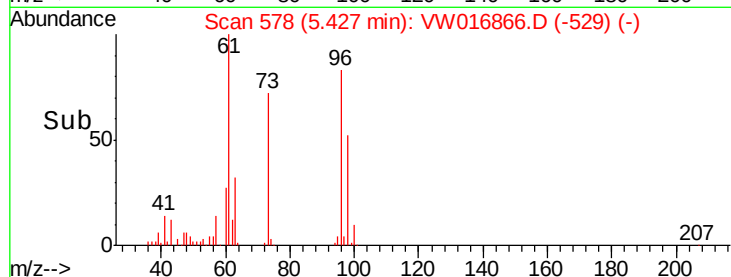
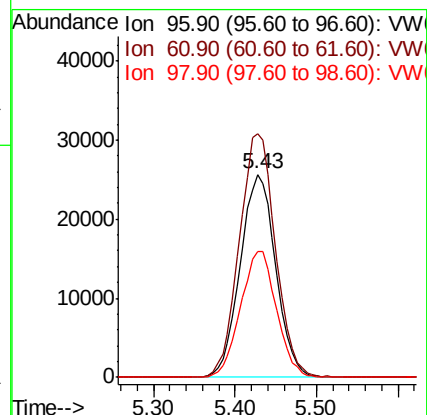
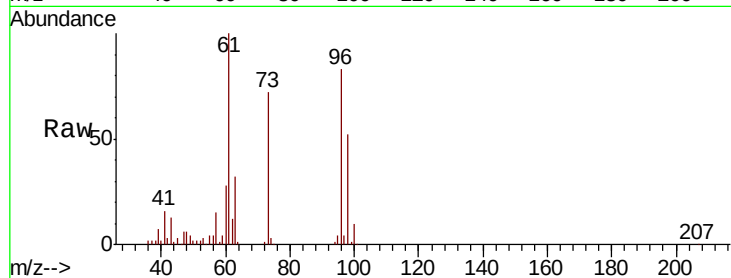
Tot Ion: 96 Resp: 77465

Ion Ratio Lower Upper

96 100

61 120.0 97.4 146.0

98 62.3 49.4 74.0



#22

Diisopropyl ether

Concen: 21.684 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion: 45 Resp: 154621

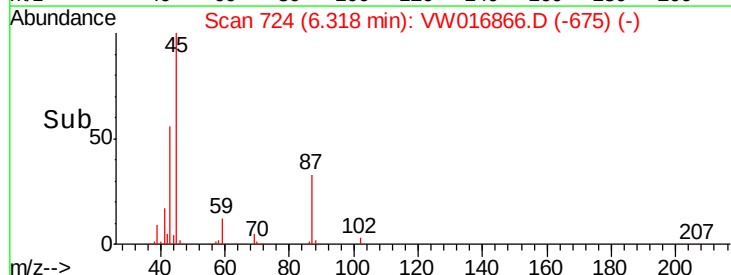
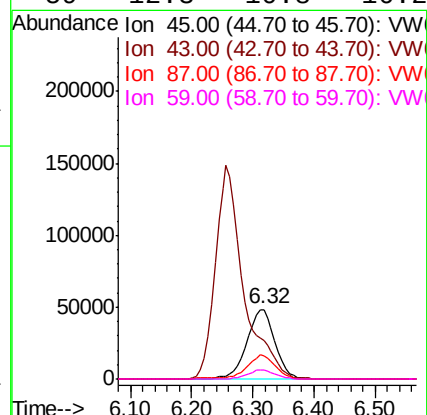
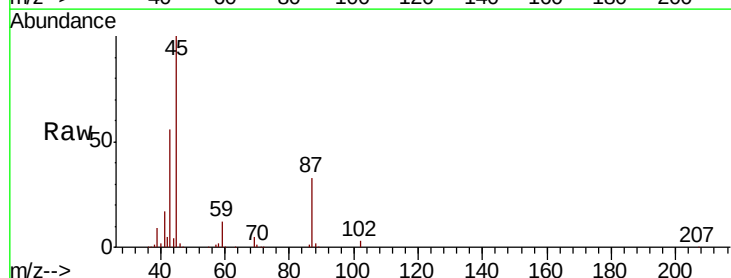
Ion Ratio Lower Upper

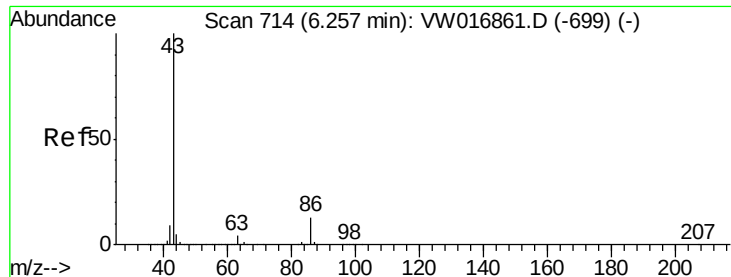
45 100

43 55.3 43.8 65.8

87 32.6 27.6 41.4

59 12.3 10.8 16.2





#23

Vinyl Acetate

Concen: 104.810 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

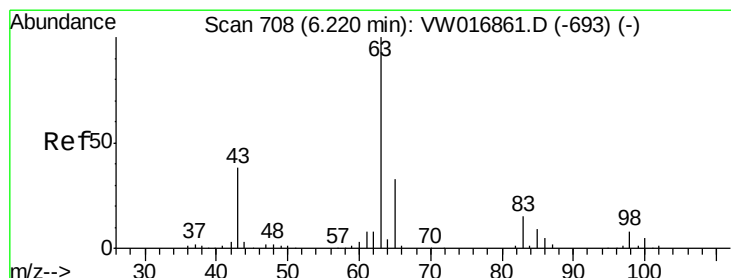
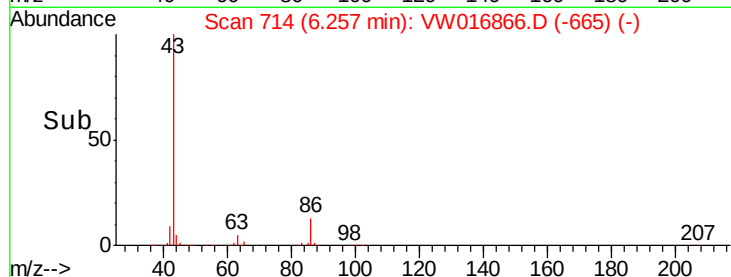
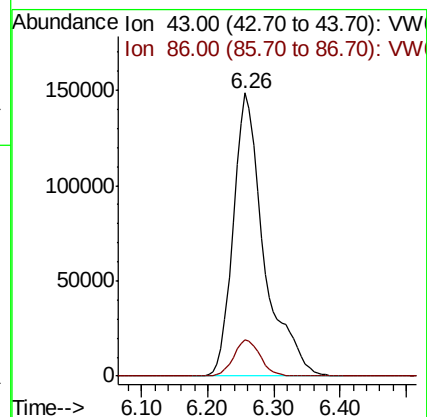
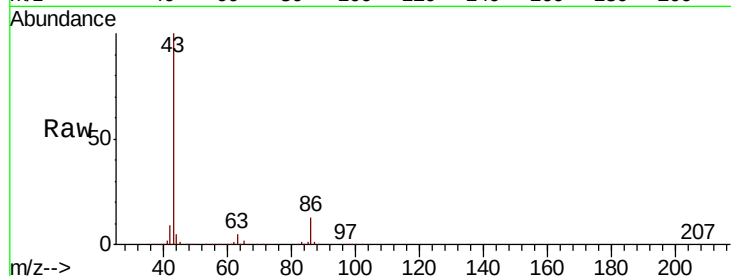
VW1010SBS01

Tot Ion: 43 Resp: 478892

Ion Ratio Lower Upper

43 100

86 12.8 10.2 15.4



#24

1,1-Dichloroethane

Concen: 21.005 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

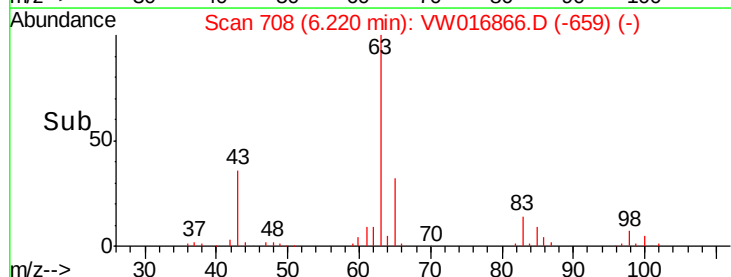
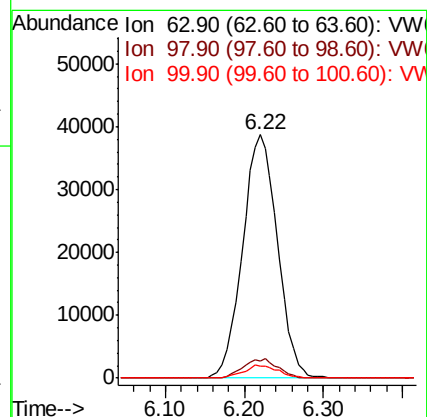
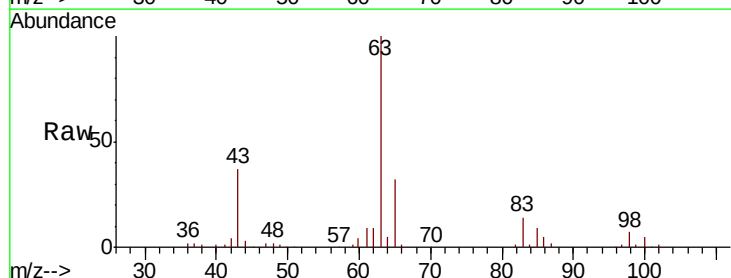
Tgt Ion: 63 Resp: 118770

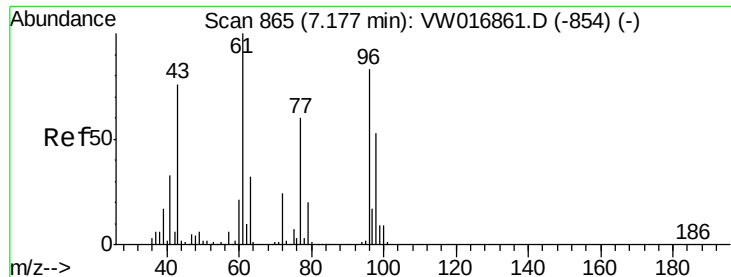
Ion Ratio Lower Upper

63 100

98 7.2 4.2 12.6

100 4.9 2.6 7.8





#25

2-Butanone

Concen: 105.368 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampled :

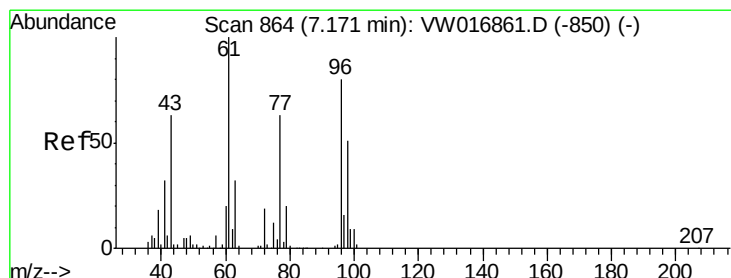
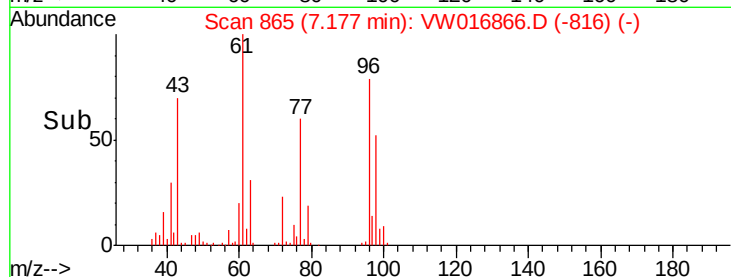
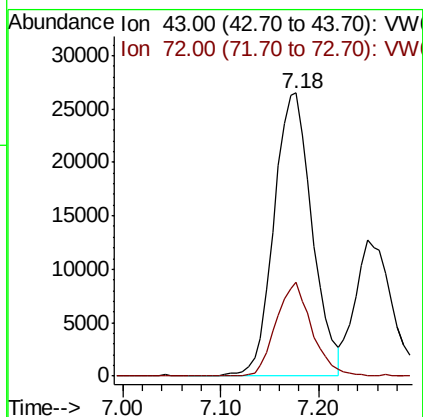
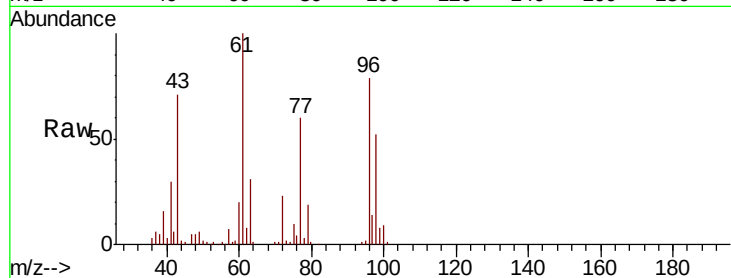
VW1010SBS01

Tot Ion: 43 Resp: 72482

Ion Ratio Lower Upper

43 100

72 33.0 25.4 38.2



#26

2,2-Dichloropropane

Concen: 20.439 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016866.D

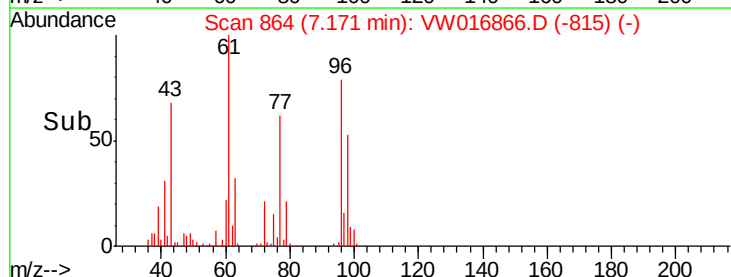
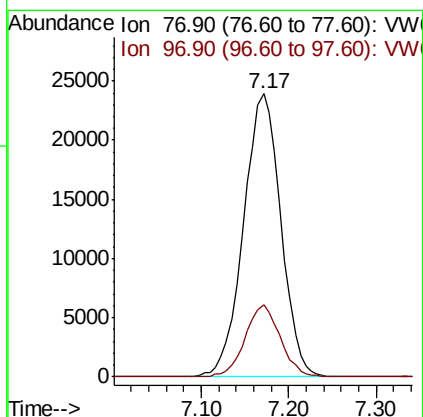
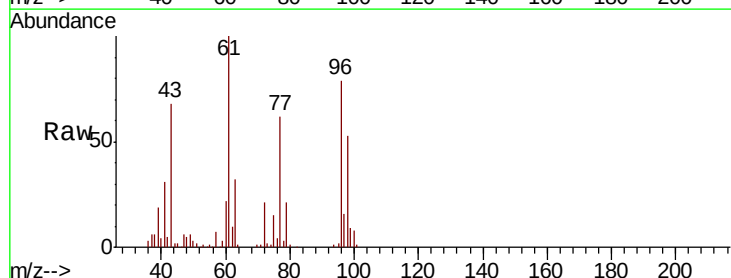
Acq: 09 Oct 2020 18:08

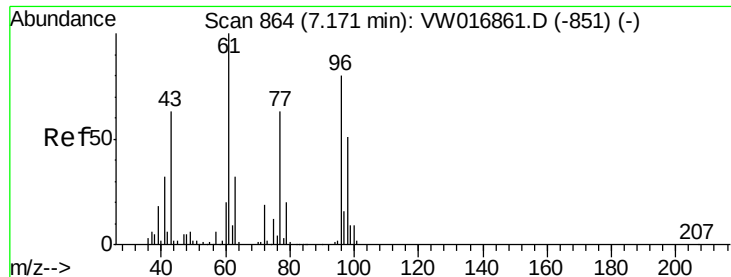
Tgt Ion: 77 Resp: 70707

Ion Ratio Lower Upper

77 100

97 23.8 12.4 37.4



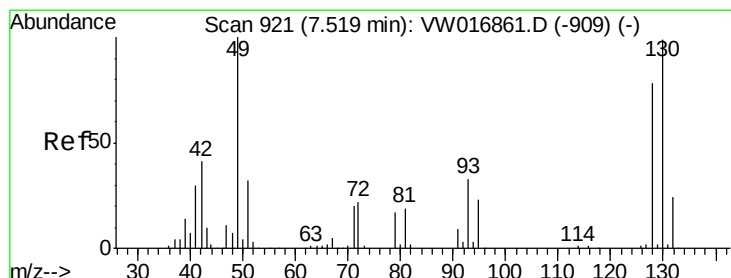
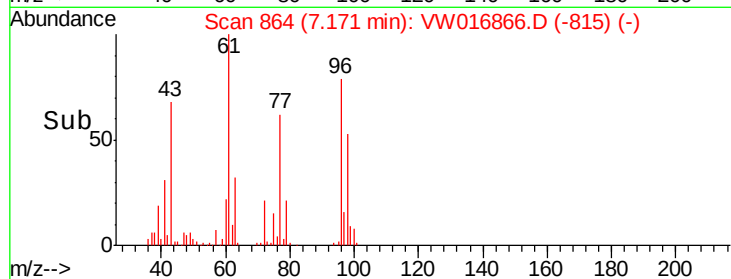
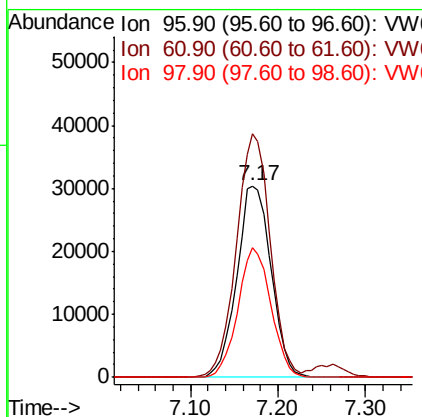
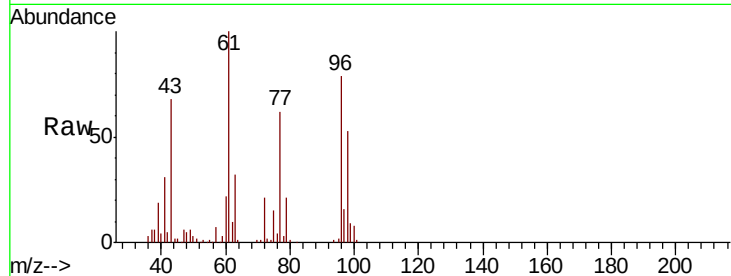


#27

cis-1,2-Dichloroethene
 Concen: 20.986 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampled :
 VW1010SBS01

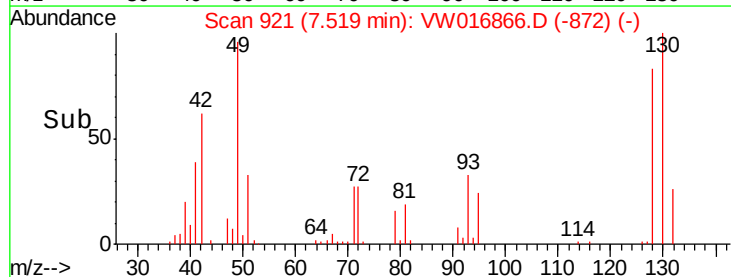
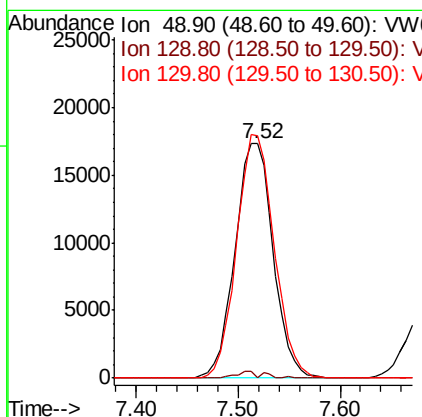
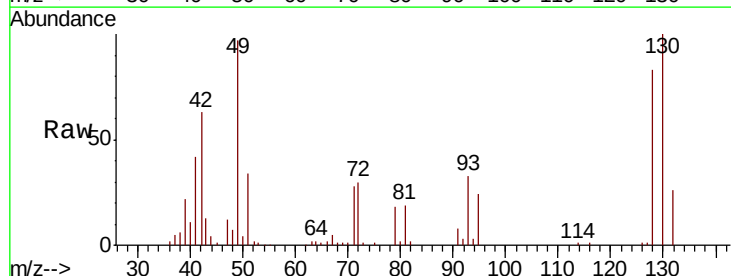
Tot Ion: 96 Resp: 82704
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 249.6
 98 65.3 0.0 129.4

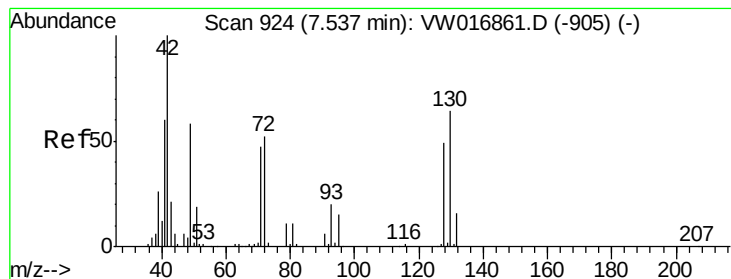


#28

Bromochloromethane
 Concen: 19.862 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 49 Resp: 44947
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 102.1 81.3 121.9





#29

Tetrahydrofuran

Concen: 109.520 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

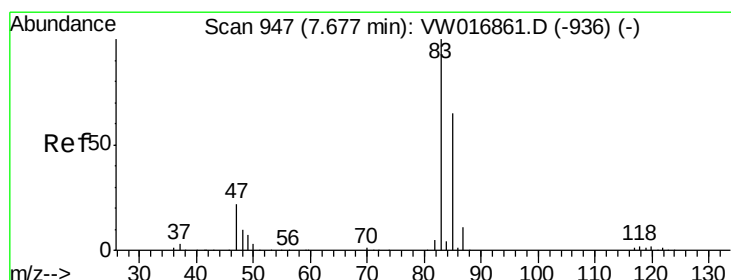
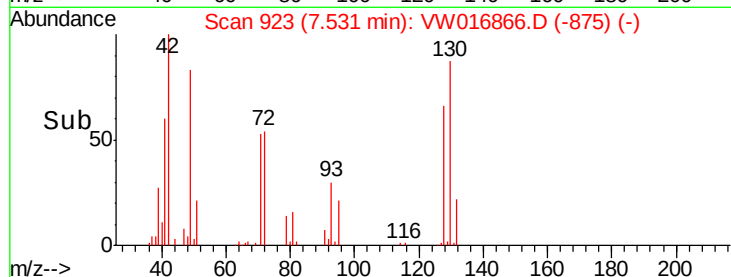
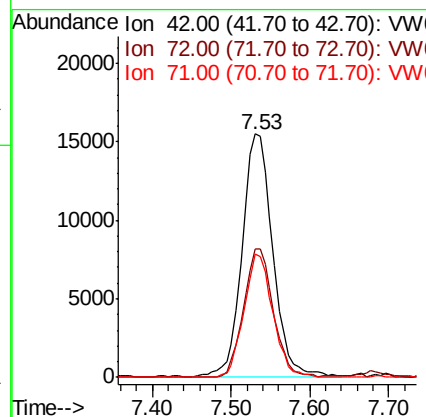
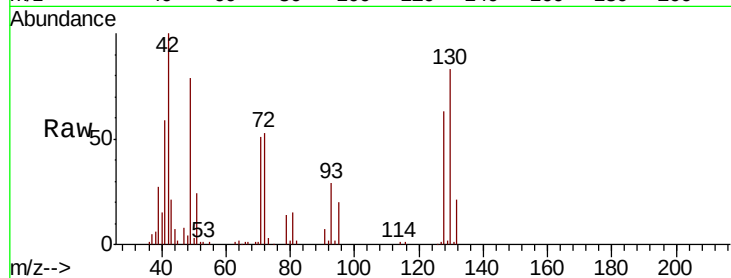
Tot Ion: 42 Resp: 42199

Ion Ratio Lower Upper

42 100

72 50.9 42.0 63.0

71 47.3 39.0 58.6



#30

Chloroform

Concen: 20.970 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW016866.D

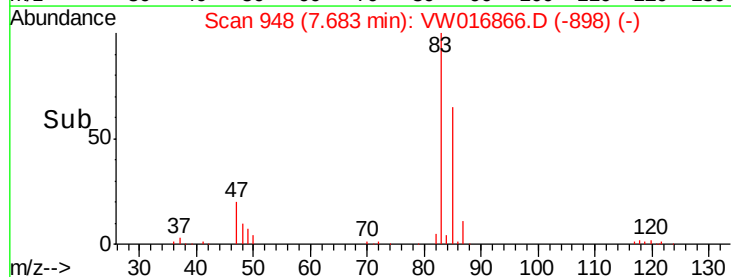
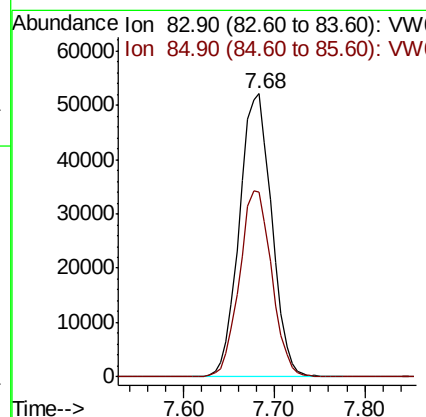
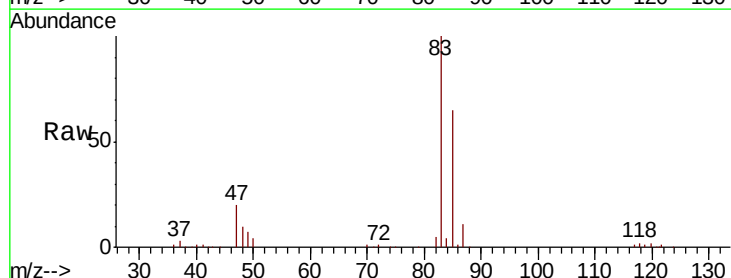
Acq: 09 Oct 2020 18:08

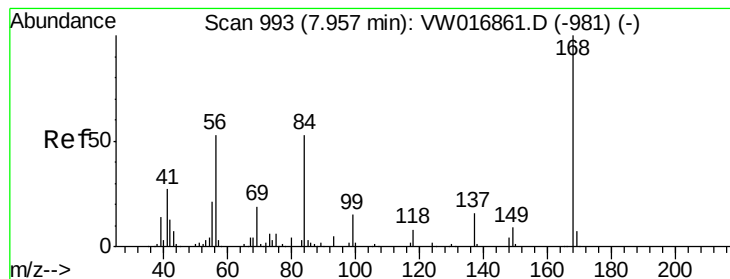
Tgt Ion: 83 Resp: 128904

Ion Ratio Lower Upper

83 100

85 65.2 51.7 77.5





#31

Cyclohexane

Concen: 20.183 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

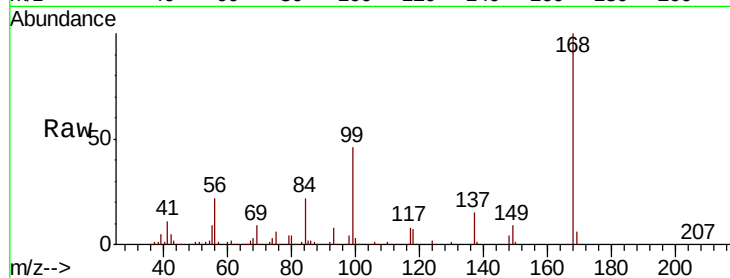
Tot Ion: 56 Resp: 97343

Ion Ratio Lower Upper

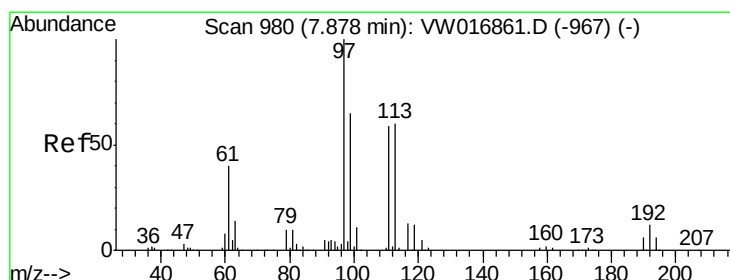
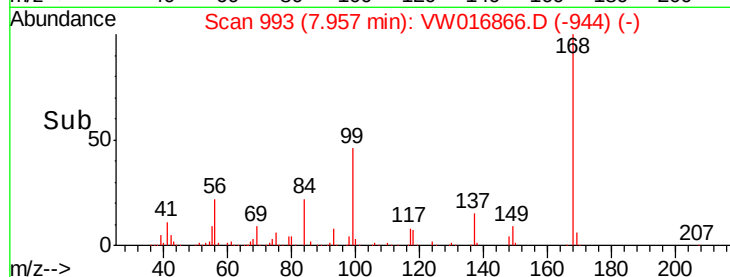
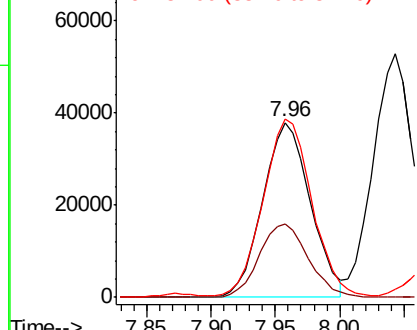
56 100

69 42.1 29.3 43.9

84 100.4 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: 20.777 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

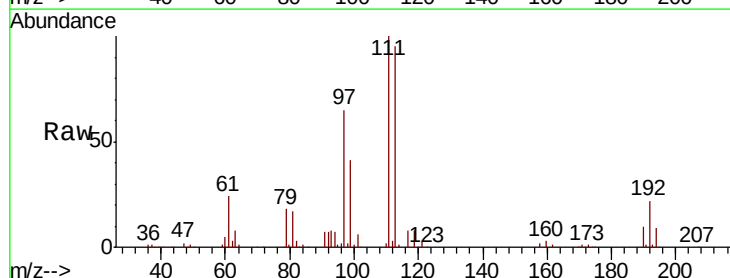
Tgt Ion: 97 Resp: 107728

Ion Ratio Lower Upper

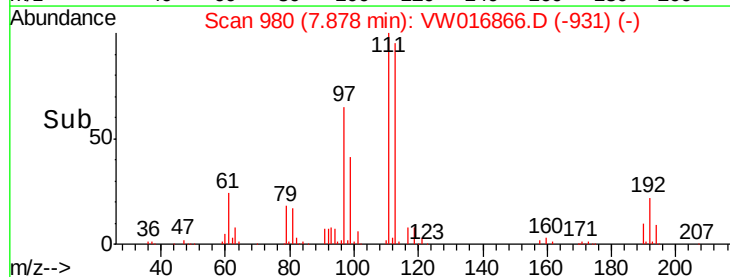
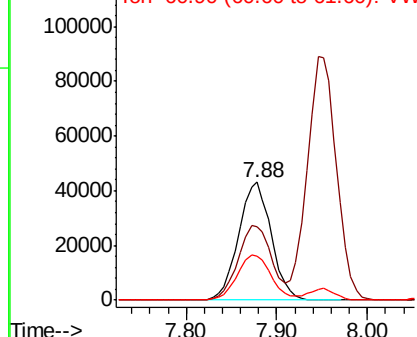
97 100

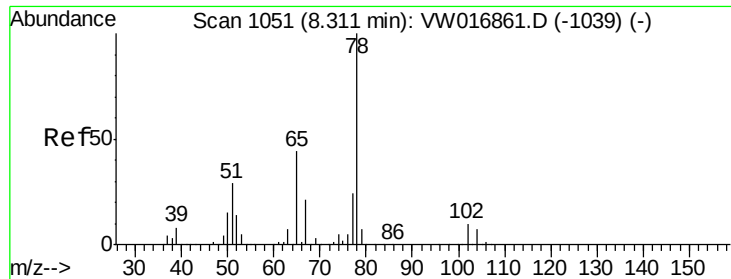
99 64.5 52.4 78.6

61 40.3 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

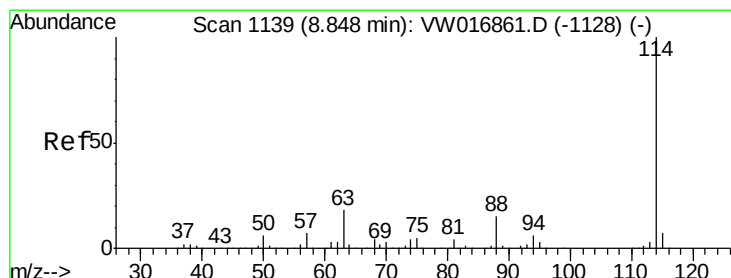
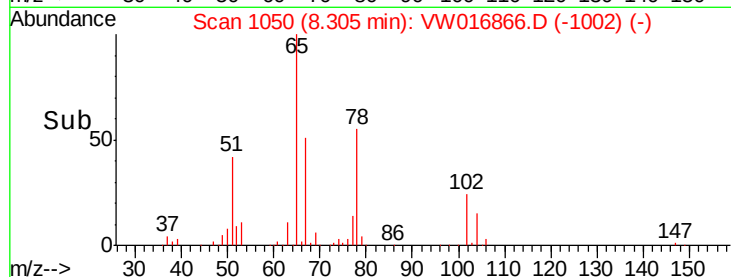
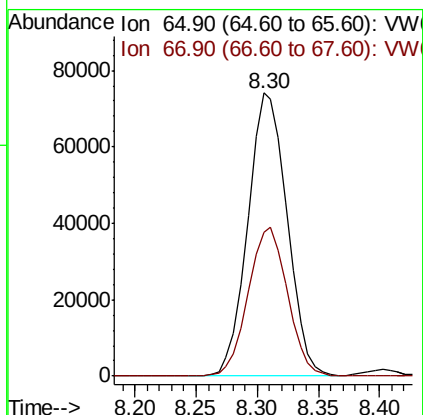
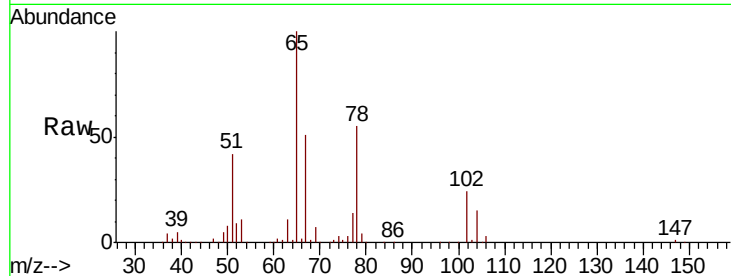




#33
 1,2-Dichloroethane-d4
 Concen: 51.958 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

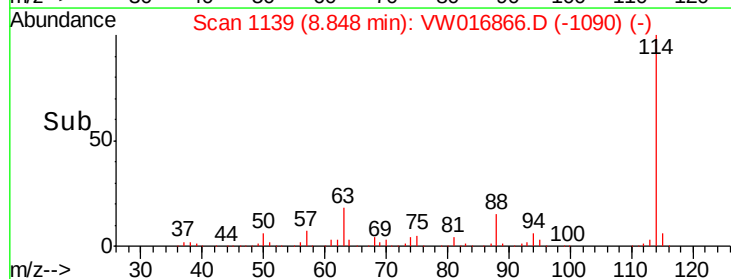
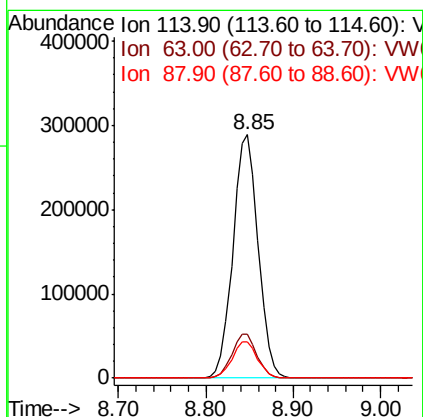
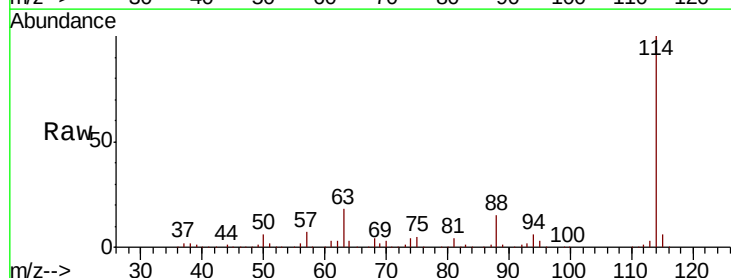
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

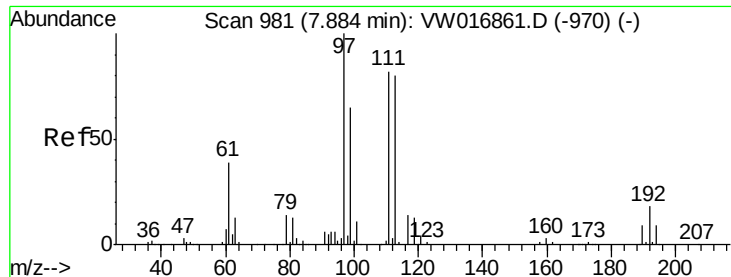
Tot Ion: 65 Resp: 165532
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 114 Resp: 577579
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 15.0 0.0 30.4

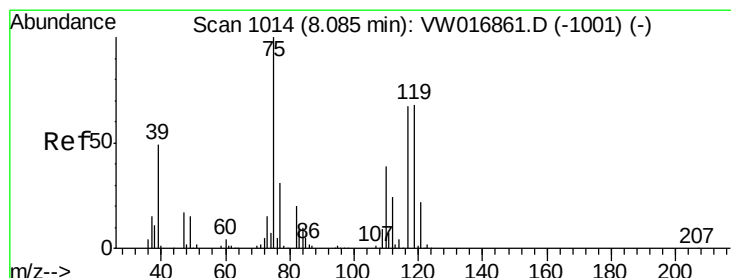
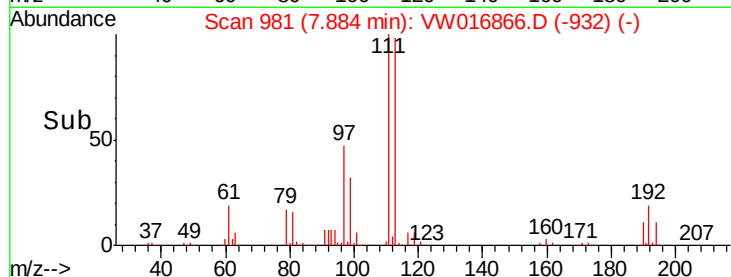
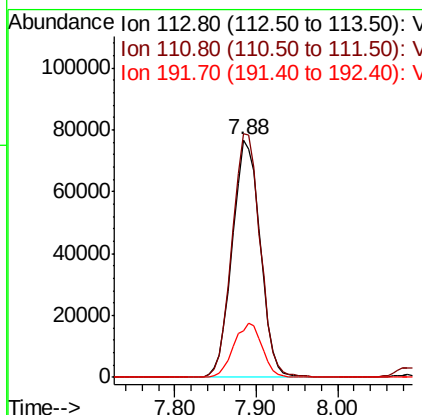
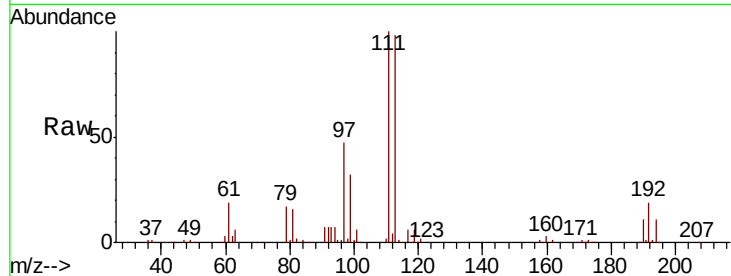




#35
 Dibromofluoromethane
 Concen: 51.110 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

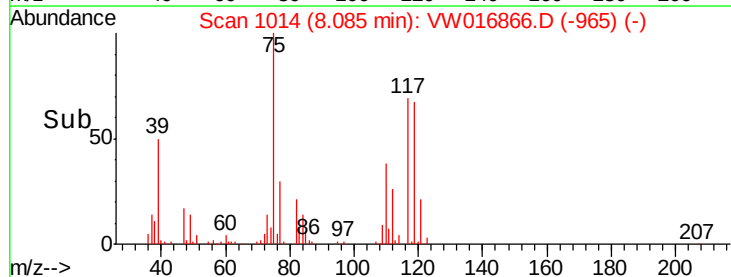
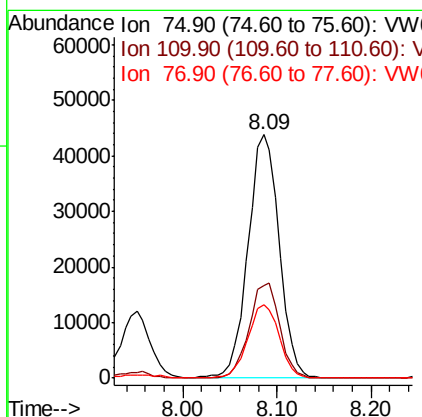
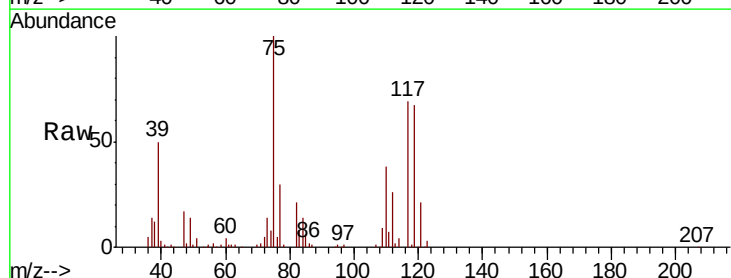
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

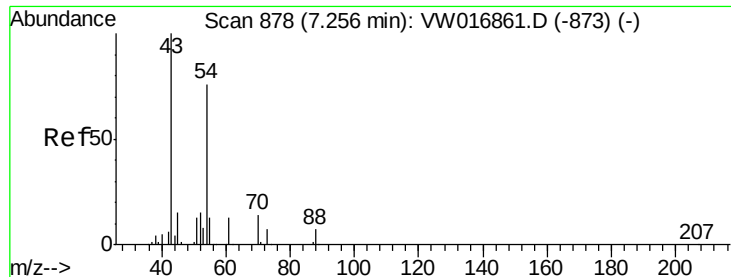
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	23.0	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 20.206 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.3	57.9
77	30.7	25.0	37.6

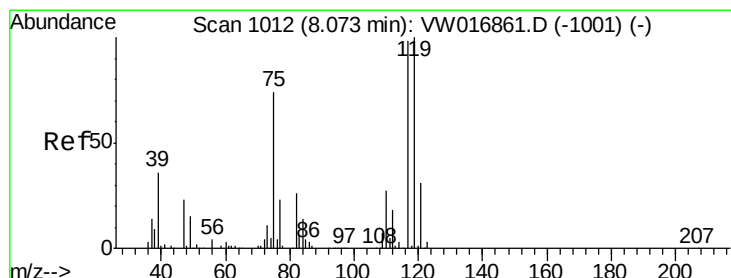
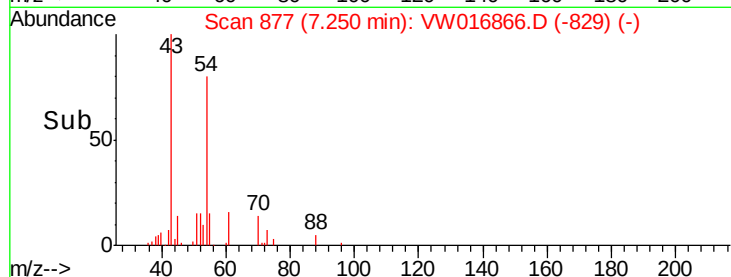
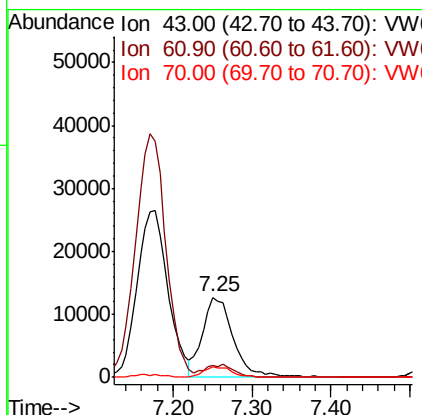
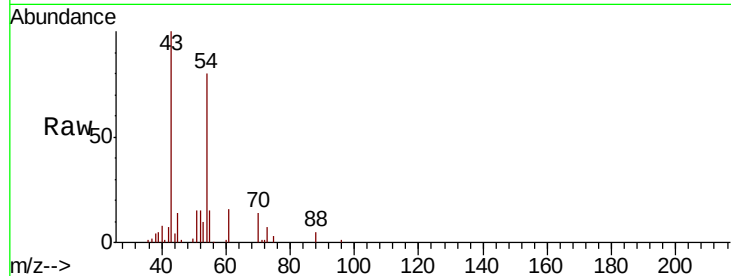




#37
Ethyl Acetate
Concen: 21.328 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

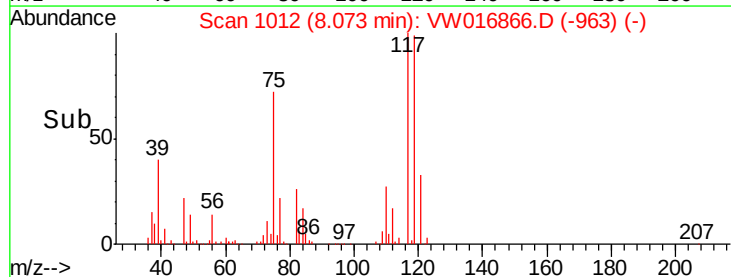
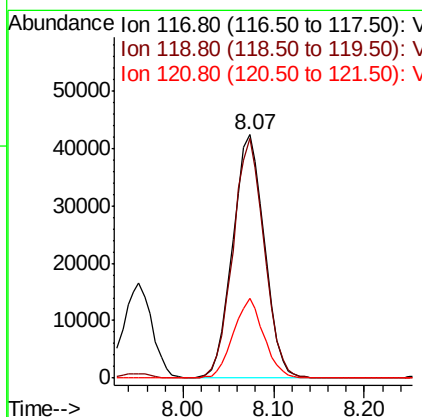
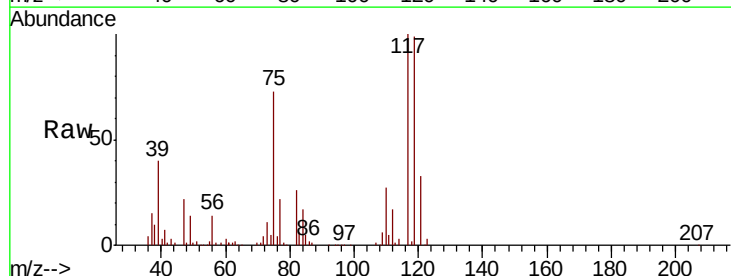
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

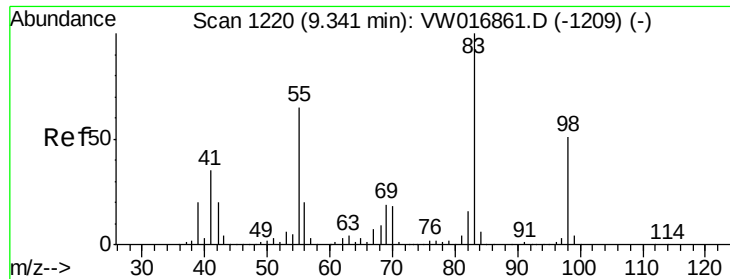
Tot Ion: 43 Resp: 34793
Ion Ratio Lower Upper
43 100
61 15.3 12.0 18.0
70 12.2 9.9 14.9



#38
Carbon Tetrachloride
Concen: 19.867 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 117 Resp: 103143
Ion Ratio Lower Upper
117 100
119 98.6 81.6 122.4
121 33.0 25.7 38.5

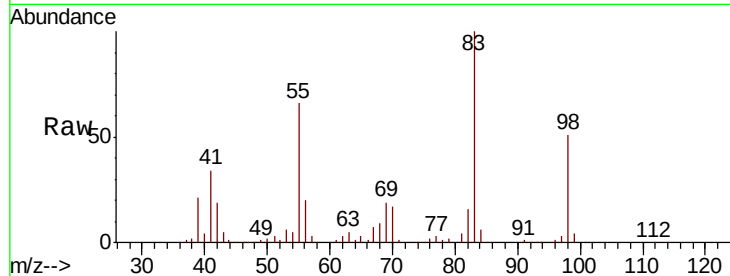




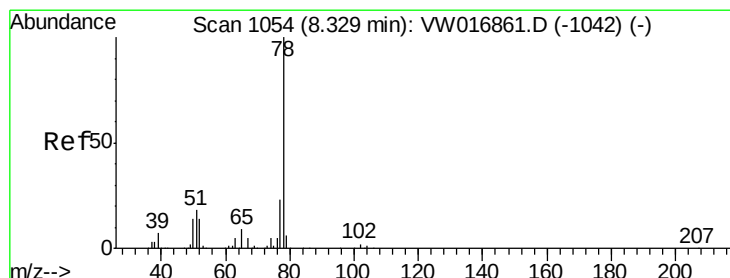
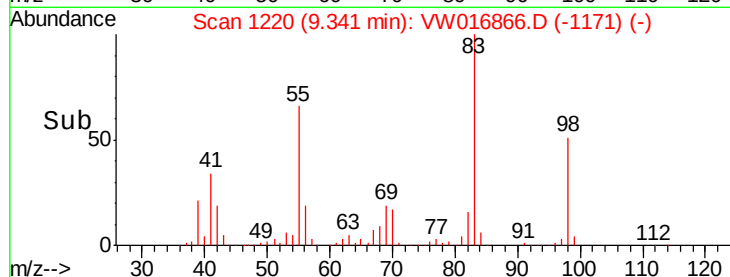
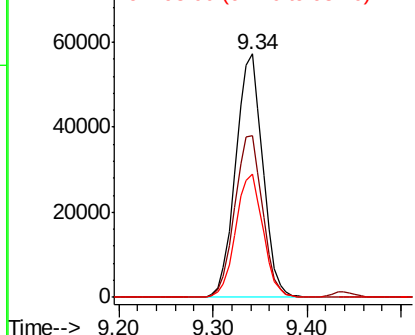
#39
Methylvlcyclohexane
Concen: 20.117 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion: 83 Resp: 114544
Ion Ratio Lower Upper
83 100
55 66.4 51.7 77.5
98 50.8 41.0 61.4

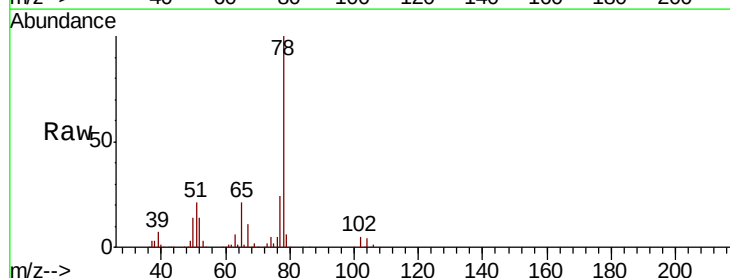


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

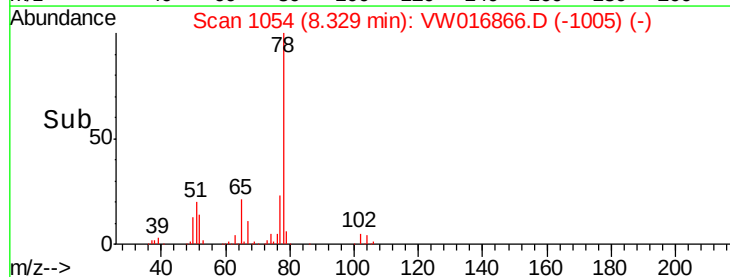
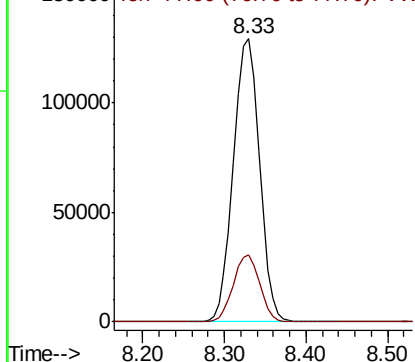


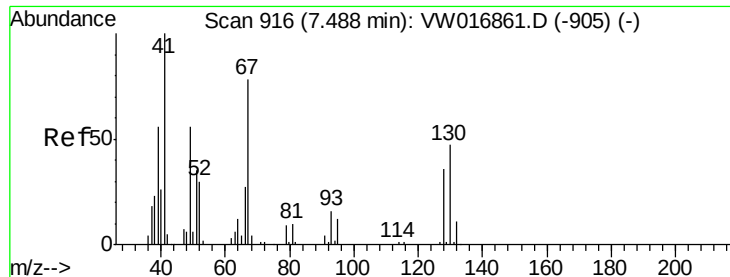
#40
Benzene
Concen: 20.607 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 78 Resp: 286697
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



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

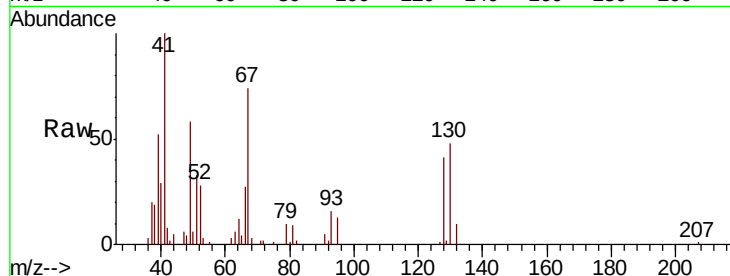




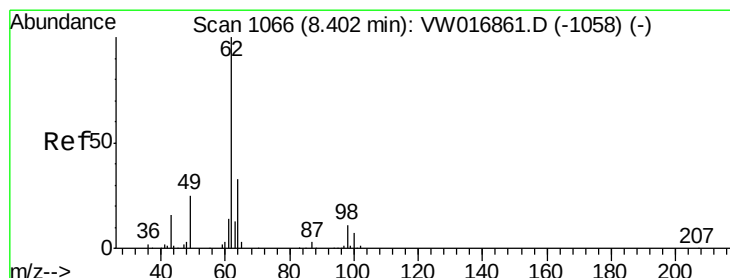
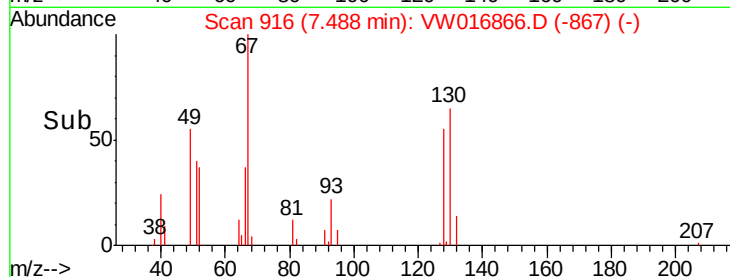
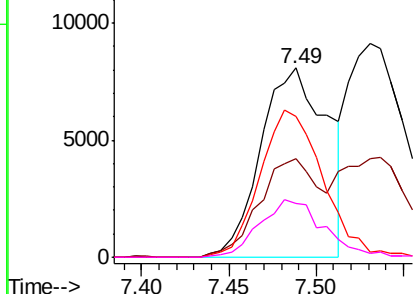
#41
Methacrylonitrile
Concen: 22.213 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion:	41	Resp:	21473
Ion	Ratio	Lower	Upper
41	100		
39	47.3	47.0	70.6
67	73.7	68.6	102.8
52	29.4	28.1	42.1

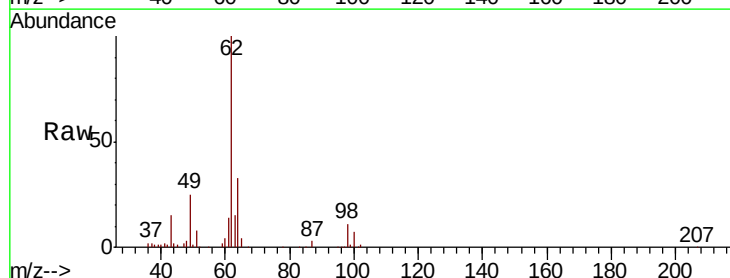


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

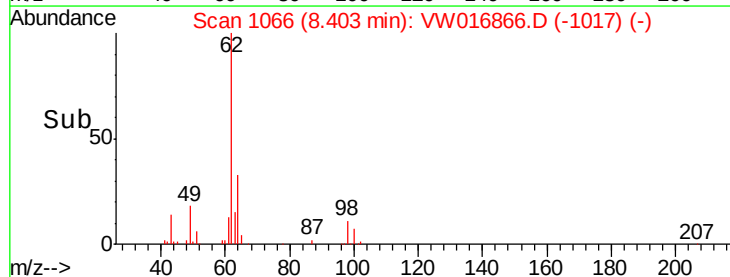
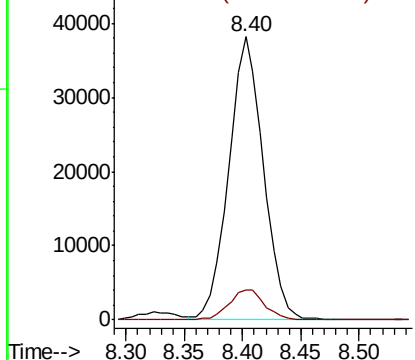


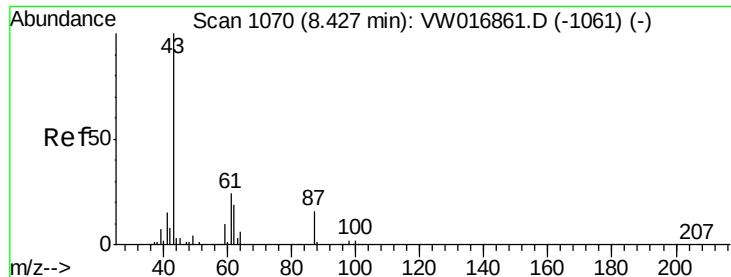
#42
1,2-Dichloroethane
Concen: 20.765 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion:	62	Resp:	79024
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.138 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

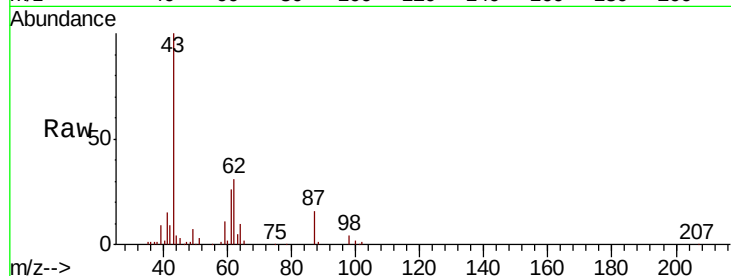
Tot Ion: 43 Resp: 62934

Ion Ratio Lower Upper

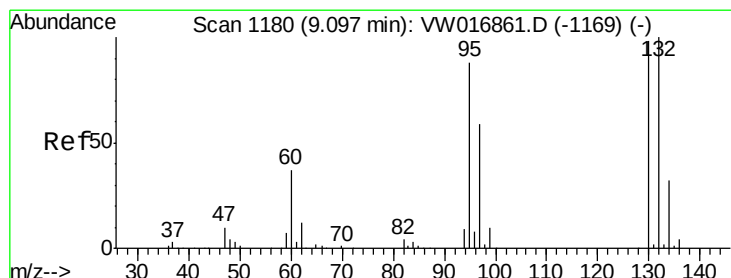
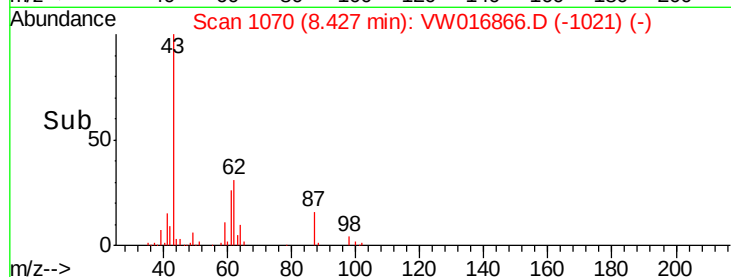
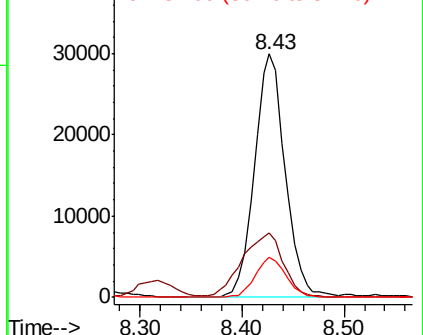
43 100

61 35.4 27.5 41.3

87 16.4 13.6 20.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.149 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016866.D

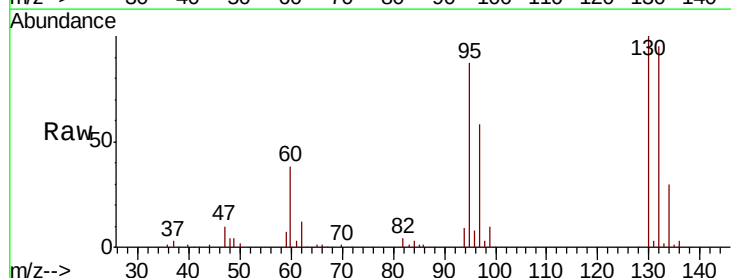
Acq: 09 Oct 2020 18:08

Tgt Ion:130 Resp: 86766

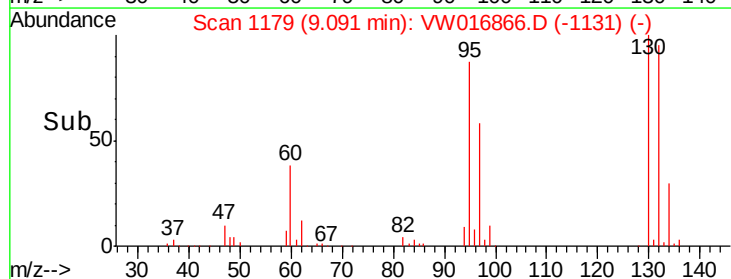
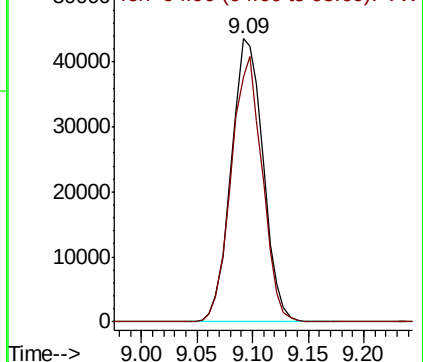
Ion Ratio Lower Upper

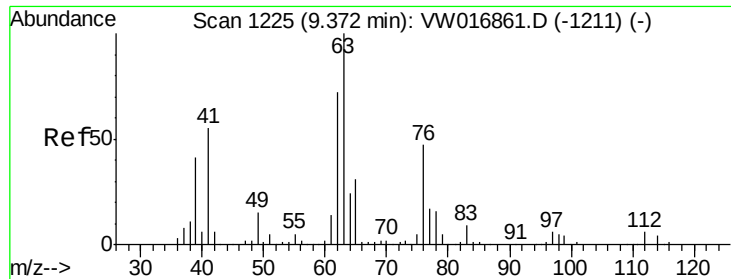
130 100

95 86.8 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

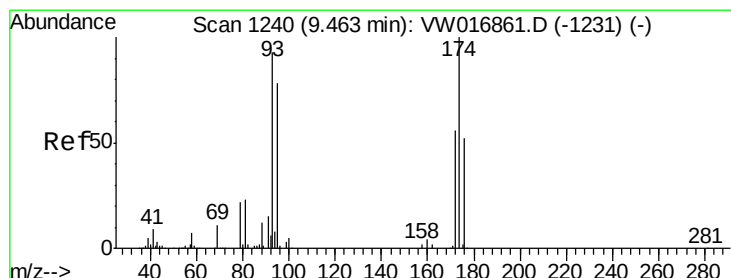
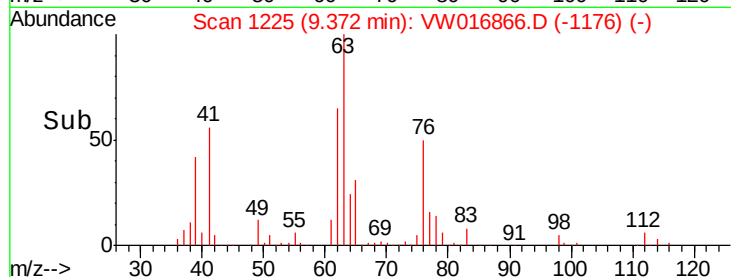
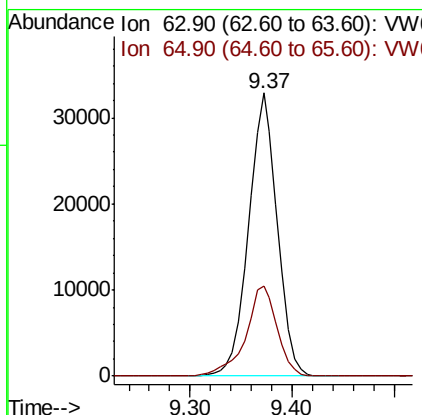
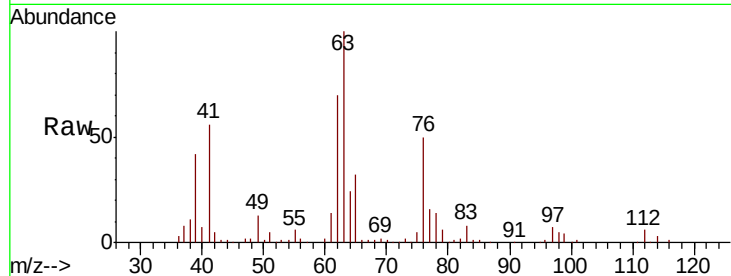




#45
 1,2-Dichloropropane
 Concen: 20.235 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

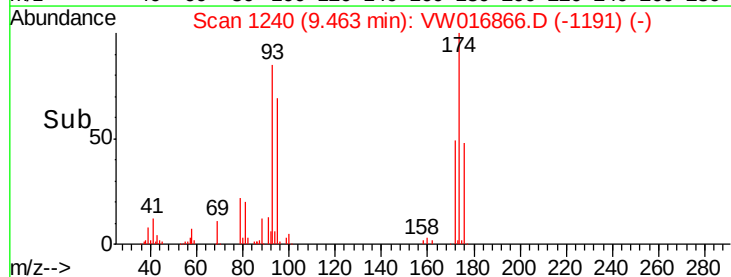
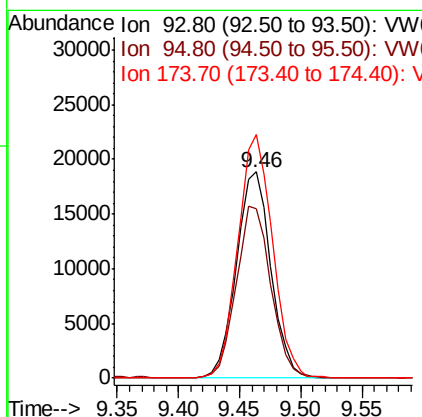
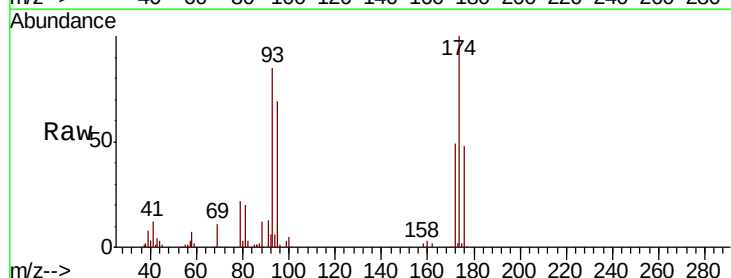
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

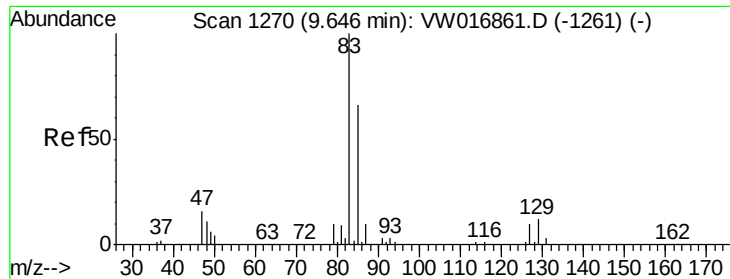
Tot Ion: 63 Resp: 64198
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.1 37.7



#46
 Dibromomethane
 Concen: 20.424 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 93 Resp: 37063
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.5 99.7
 174 118.1 91.0 136.6





#47

Bromodichloromethane

Concen: 20.752 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

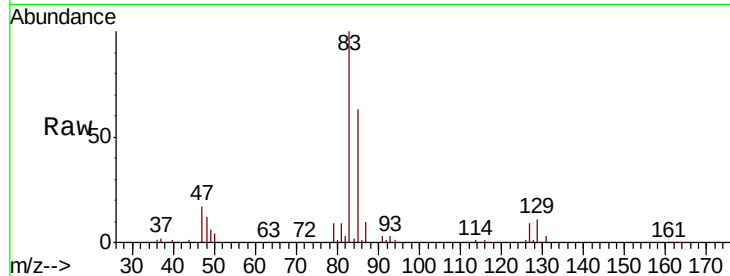
Tot Ion: 83 Resp: 93632

Ion Ratio Lower Upper

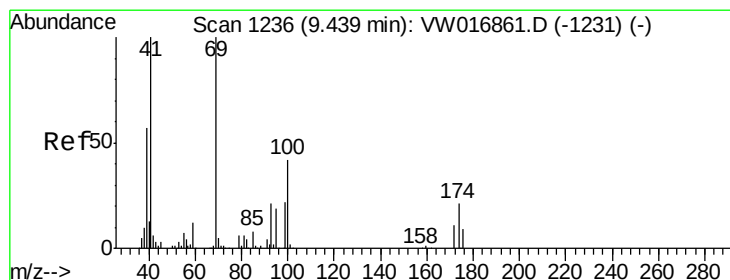
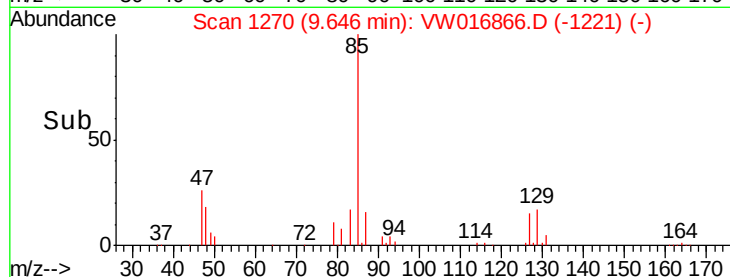
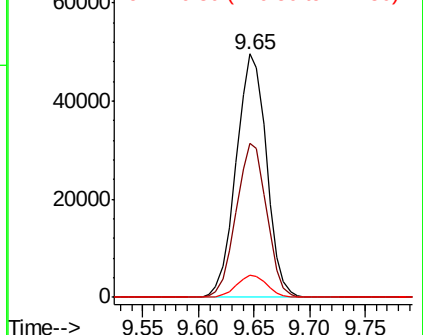
83 100

85 63.1 52.7 79.1

127 9.3 7.8 11.6



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



#48

Methyl methacrylate

Concen: 20.344 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

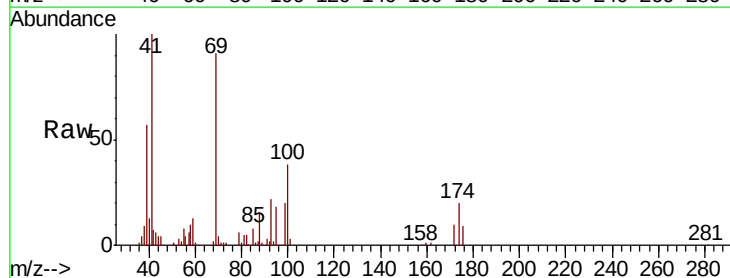
Tgt Ion: 41 Resp: 29298

Ion Ratio Lower Upper

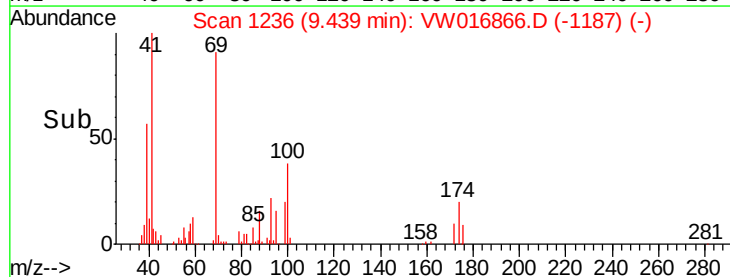
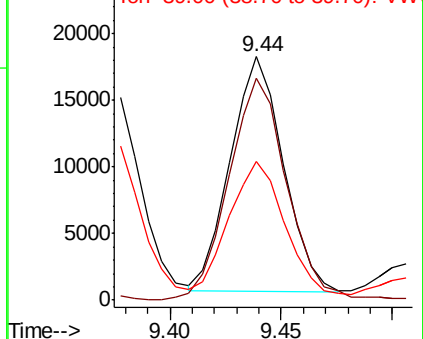
41 100

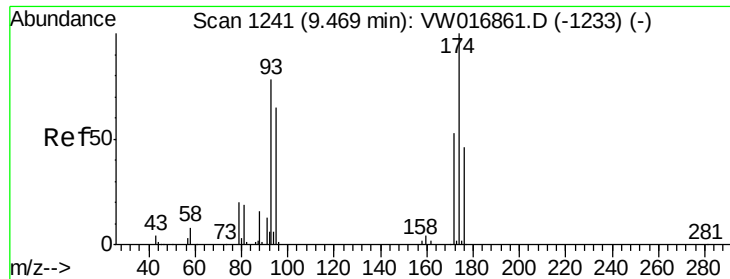
69 103.1 83.5 125.3

39 58.7 50.9 76.3



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





#49

1,4-Dioxane

Concen: 429.448 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

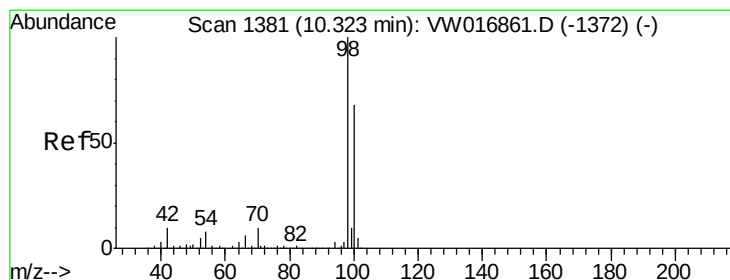
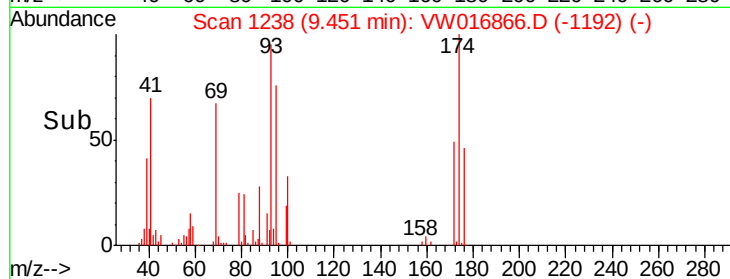
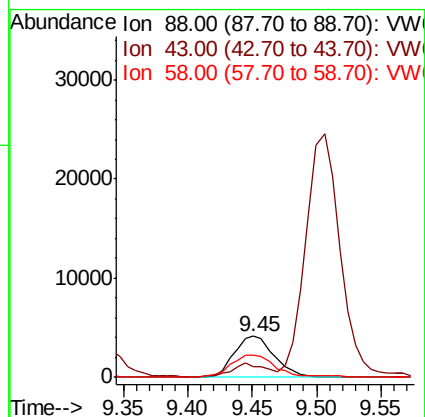
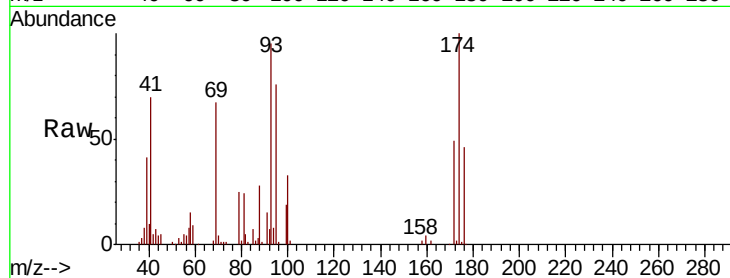
Tot Ion: 88 Resp: 8964

Ion Ratio Lower Upper

88 100

43 29.5 0.0 0.0#

58 59.8 54.0 81.0



#50

Toluene-d8

Concen: 51.820 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016866.D

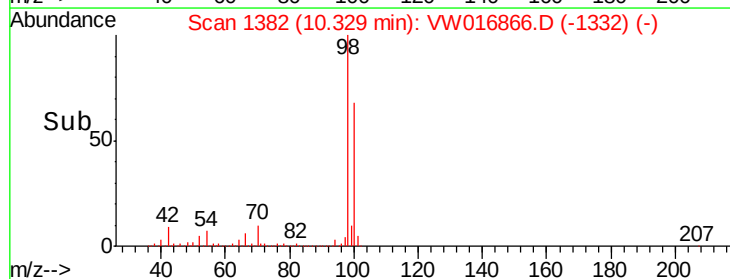
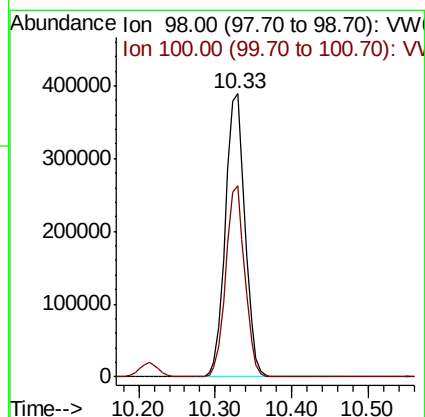
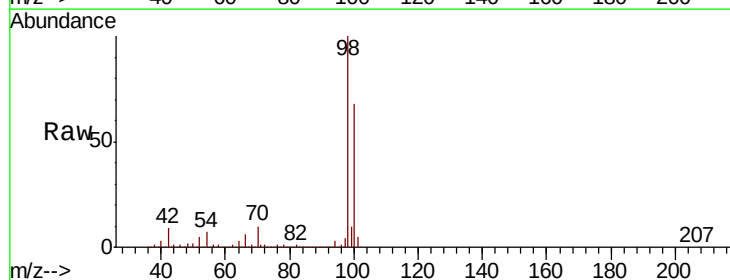
Acq: 09 Oct 2020 18:08

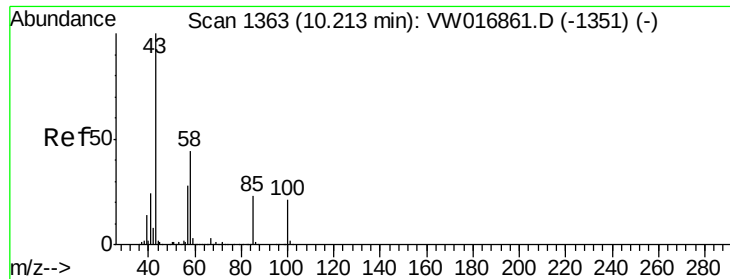
Tgt Ion: 98 Resp: 687848

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9

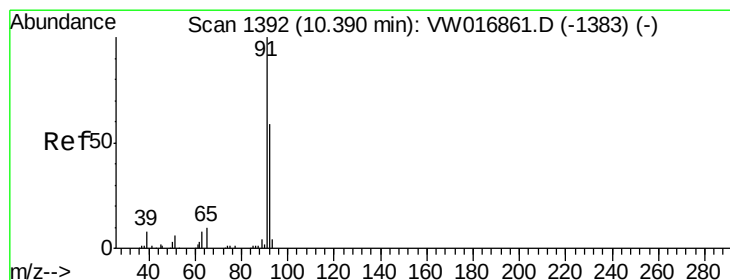
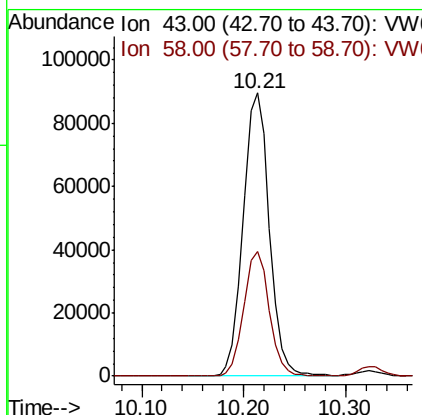
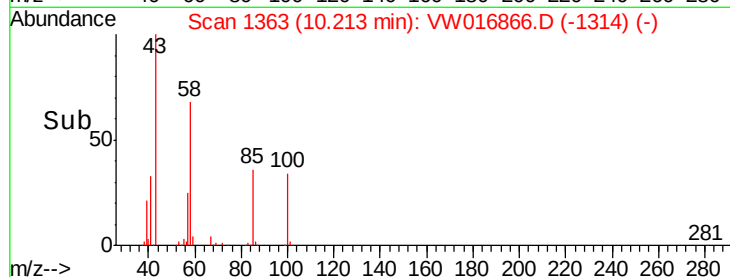
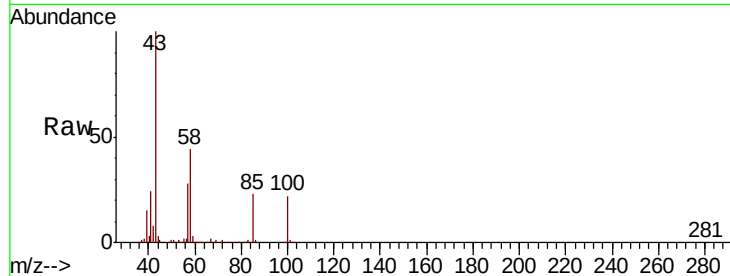




#51
4-Methyl-2-Pentanone
Concen: 101.444 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

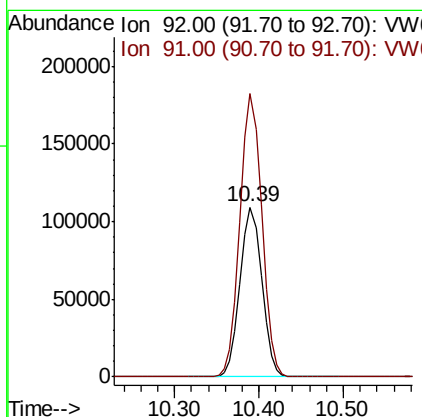
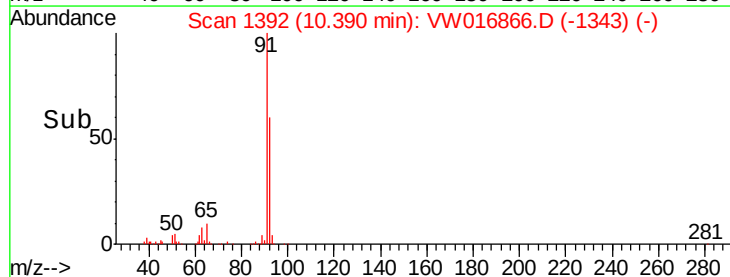
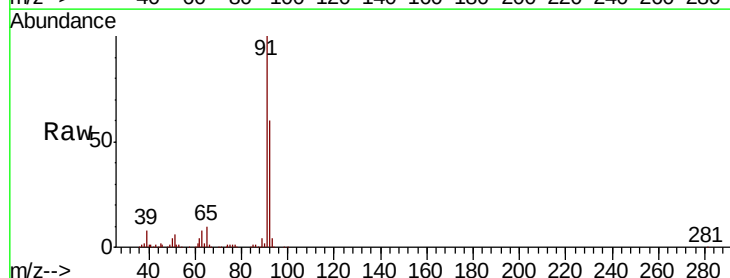
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

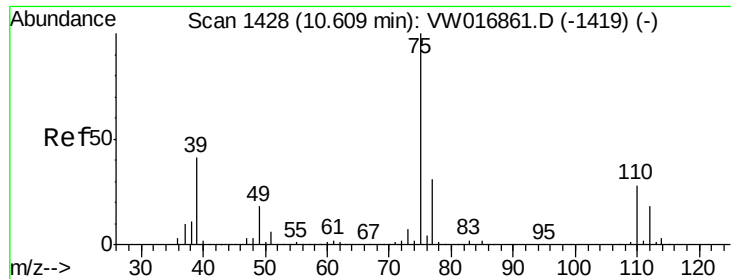
Tot Ion: 43 Resp: 160383
Ion Ratio Lower Upper
43 100
58 43.0 34.7 52.1



#52
Toluene
Concen: 20.713 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 92 Resp: 190494
Ion Ratio Lower Upper
92 100
91 167.0 134.7 202.1

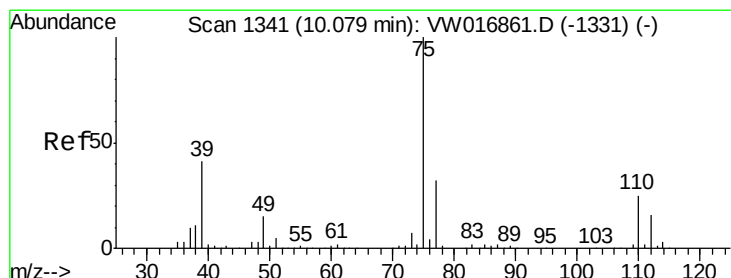
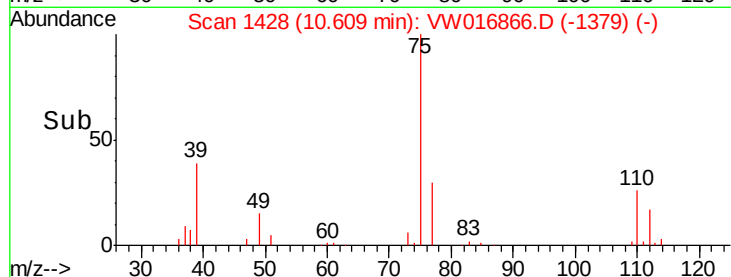
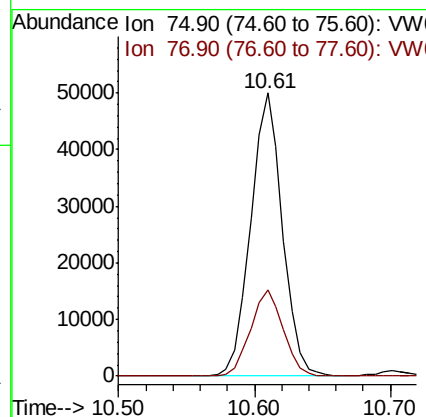
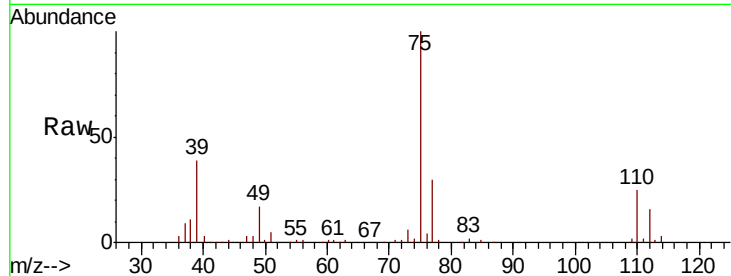




#53
 t-1,3-Dichloropropene
 Concen: 19.871 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

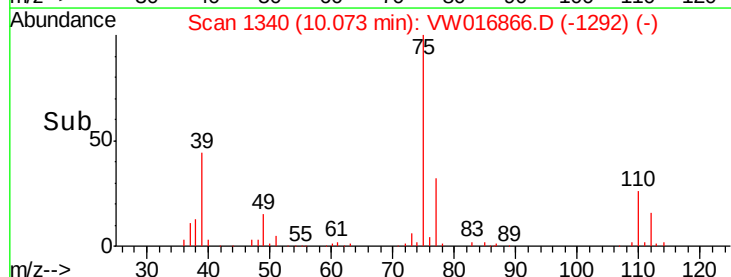
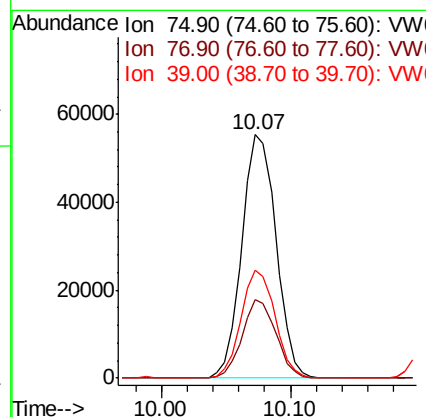
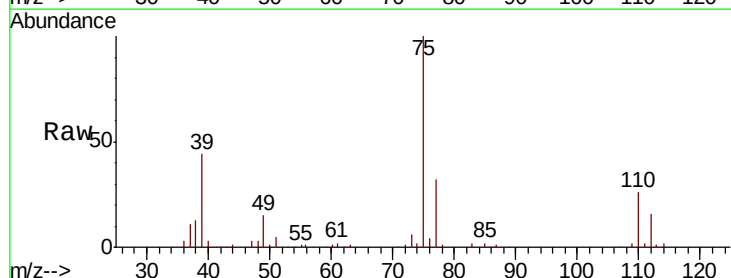
Instrument :
 MSVOA_W
 ClientSampled :
 VW1010SBS01

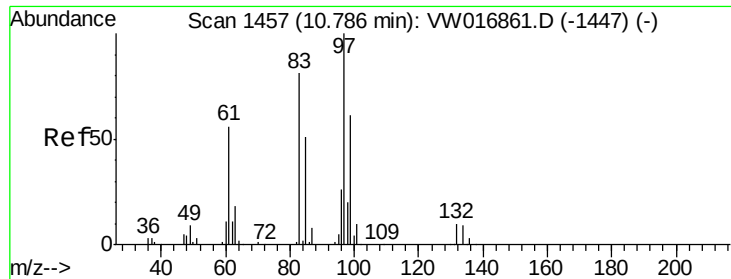
Tot Ion: 75 Resp: 81623
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.317 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 75 Resp: 101934
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.6
 39 44.1 32.9 49.3



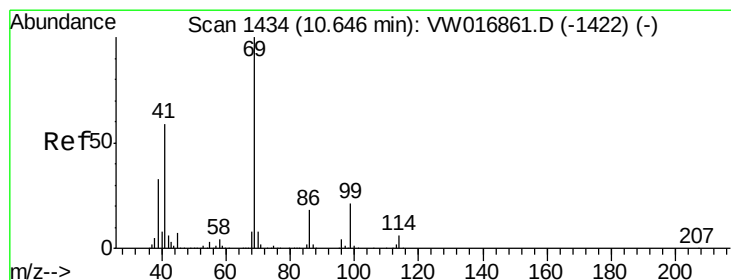
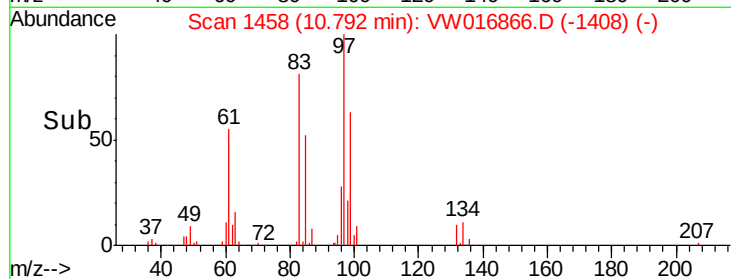
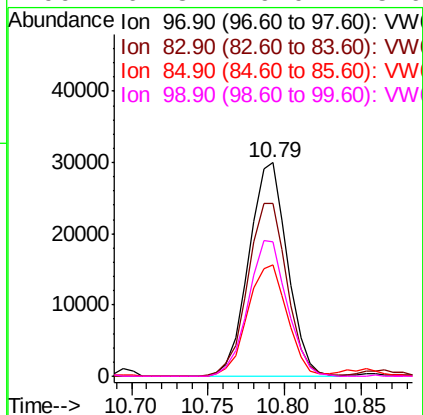
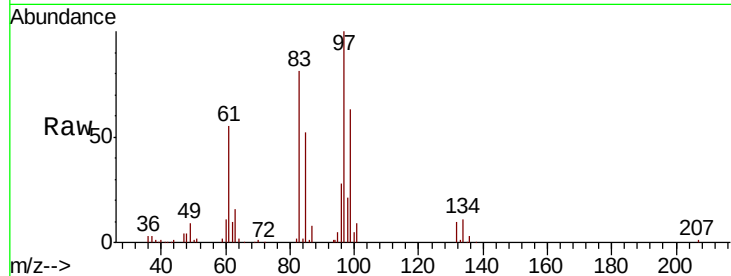


#55
 1,1,2-Trichloroethane
 Concen: 20.368 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion: 97 Resp: 52610

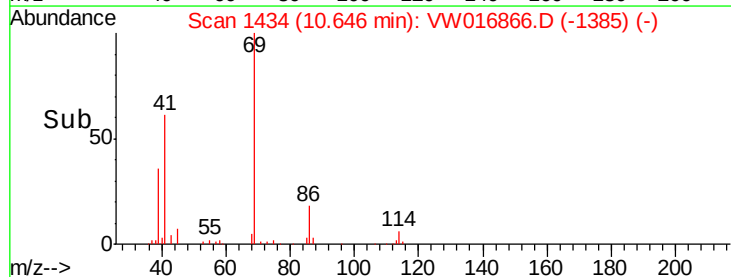
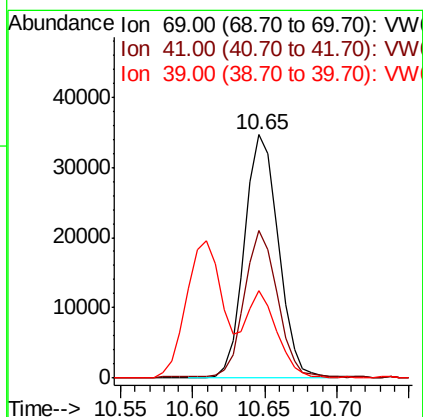
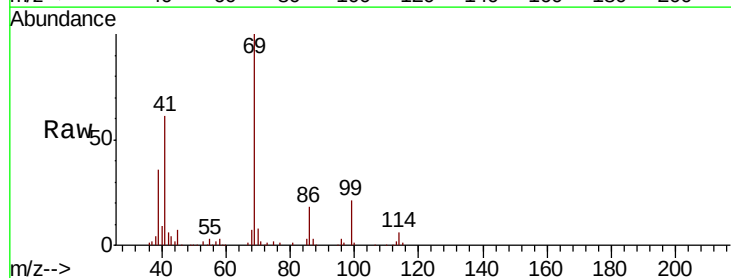
Ion	Ratio	Lower	Upper
97	100		
83	81.1	64.6	97.0
85	52.1	40.6	61.0
99	62.8	49.0	73.6

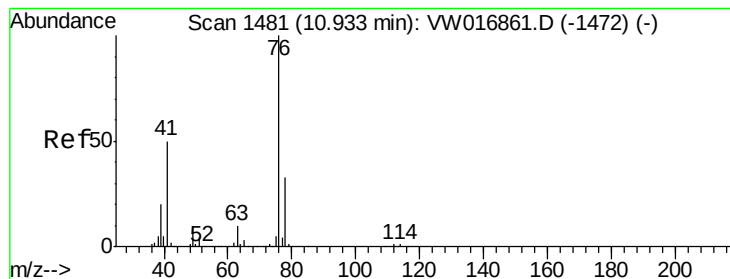


#56
 Ethyl methacrylate
 Concen: 20.168 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 69 Resp: 56671

Ion	Ratio	Lower	Upper
69	100		
41	58.5	46.3	69.5
39	33.3	25.9	38.9





#57

1,3-Dichloropropane

Concen: 20.486 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

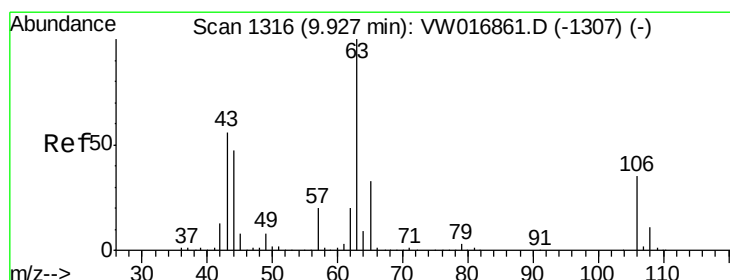
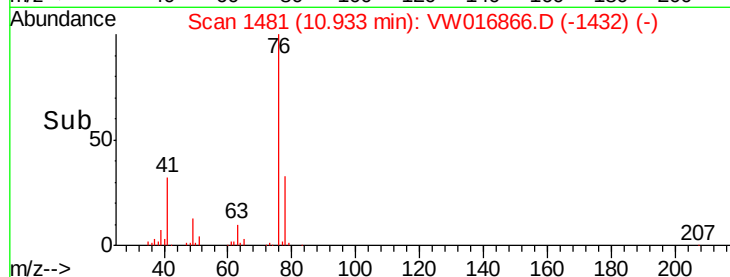
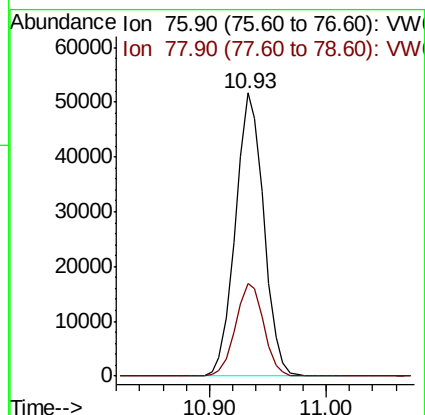
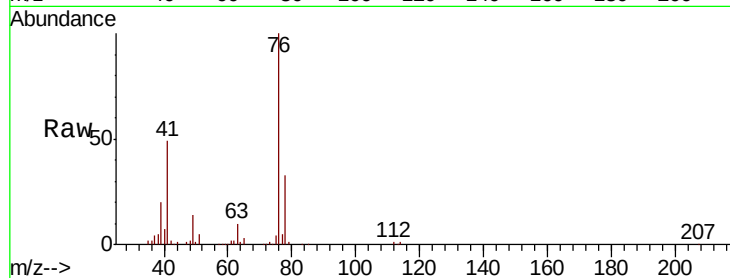
VW1010SBS01

Tot Ion: 76 Resp: 87547

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.418 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW016866.D

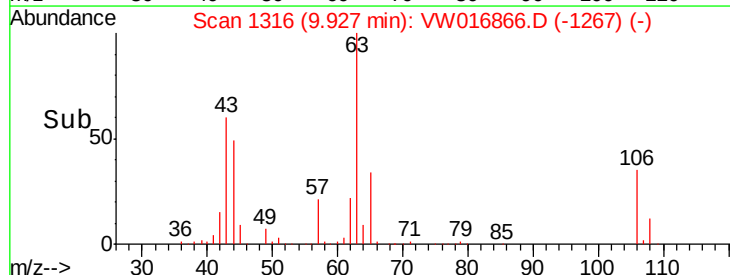
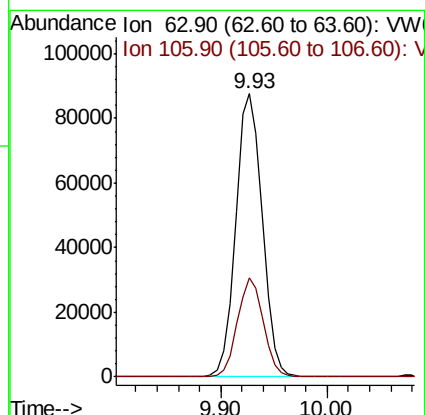
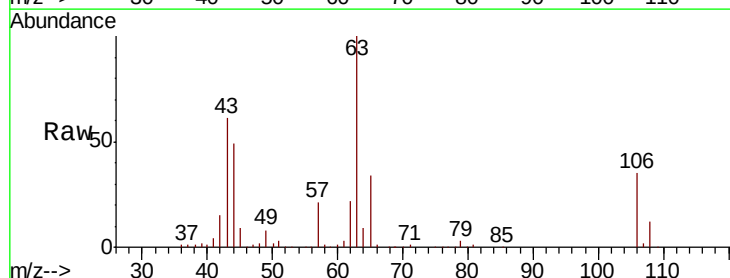
Acq: 09 Oct 2020 18:08

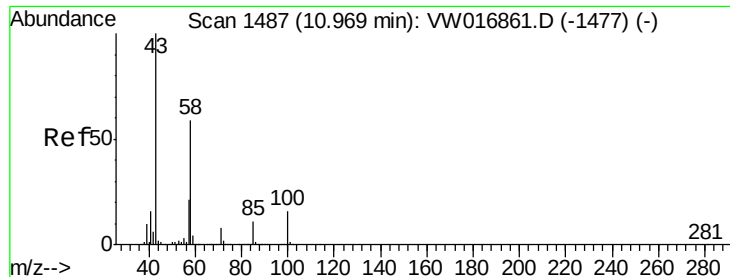
Tgt Ion: 63 Resp: 153248

Ion Ratio Lower Upper

63 100

106 34.1 27.0 40.4

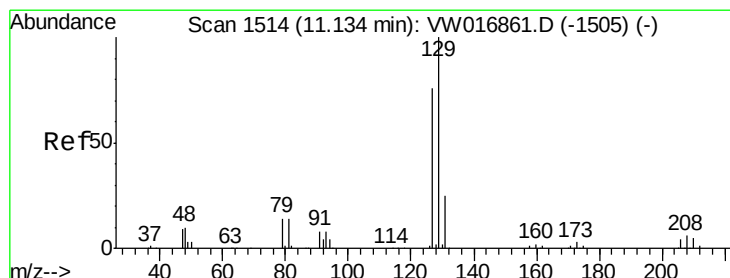
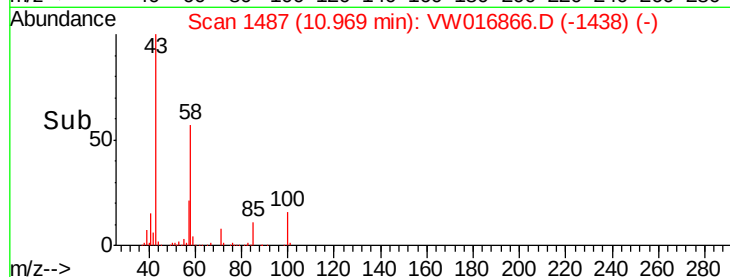
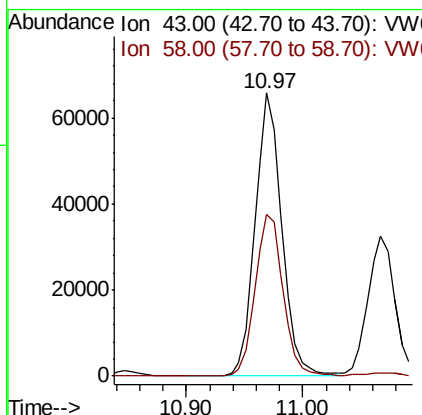
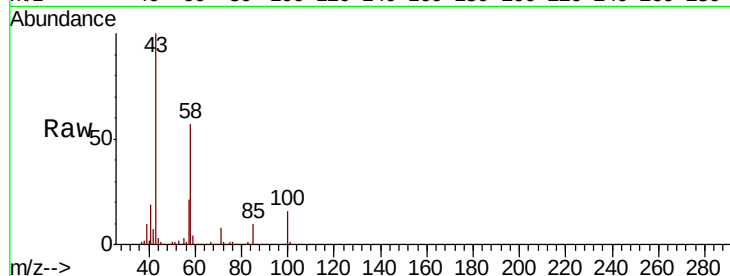




#59
2-Hexanone
Concen: 100.718 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

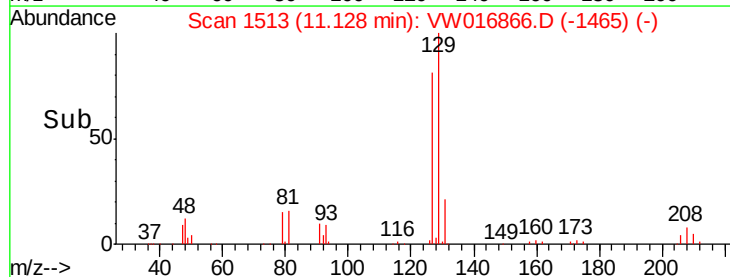
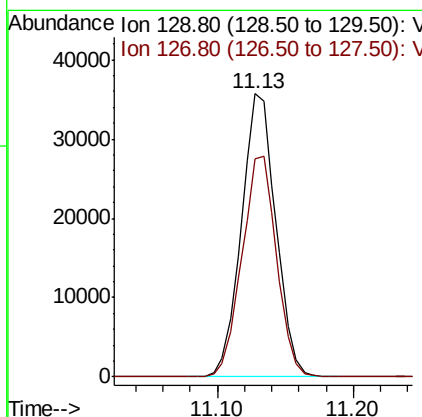
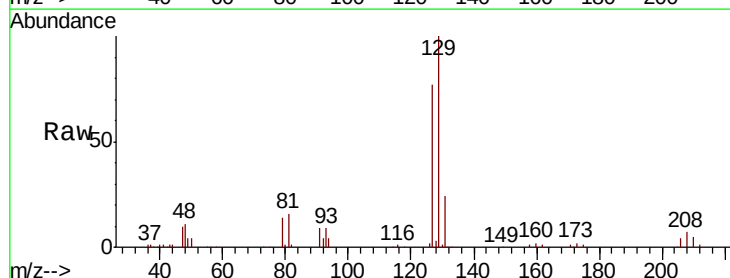
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

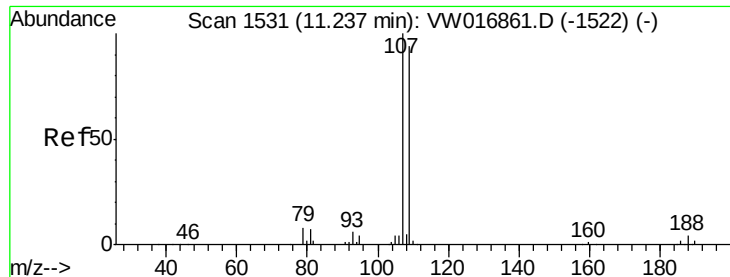
Tot Ion: 43 Resp: 105356
Ion Ratio Lower Upper
43 100
58 59.6 29.5 88.5



#60
Dibromochloromethane
Concen: 19.937 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 129 Resp: 63165
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

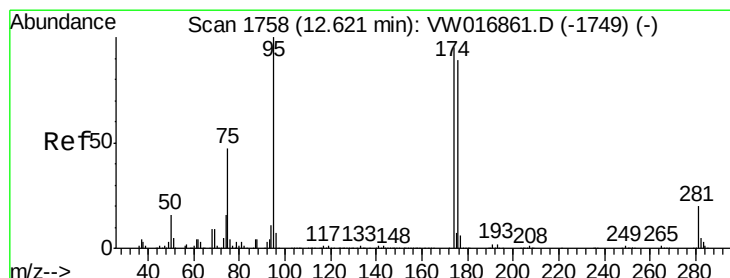
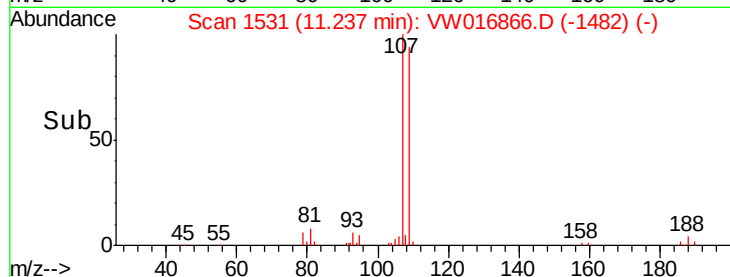
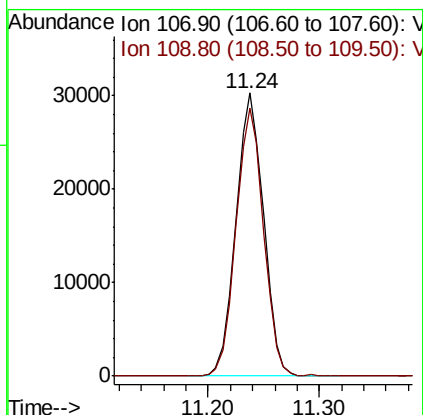
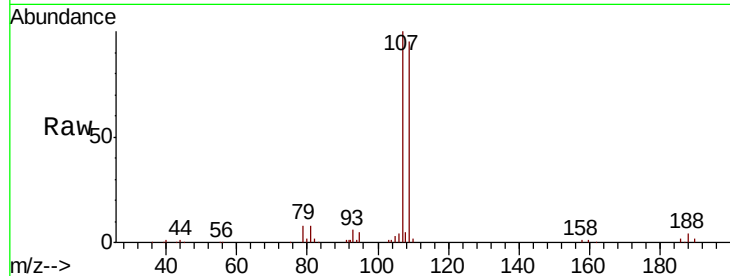




#61
 1,2-Dibromoethane
 Concen: 20.306 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

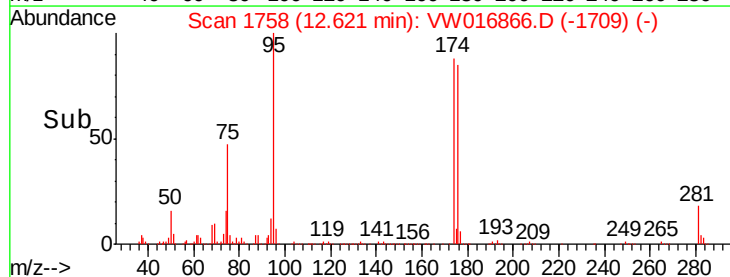
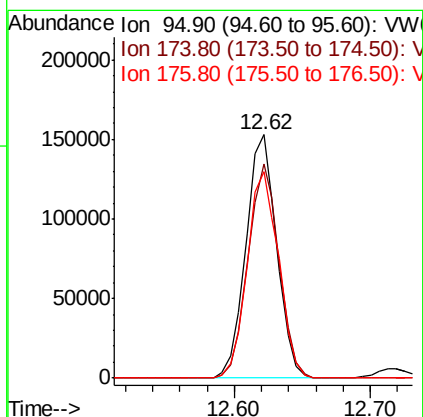
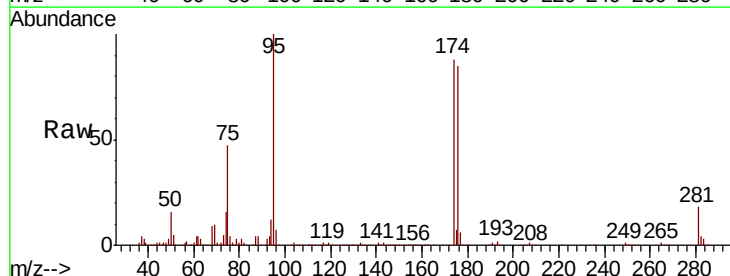
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

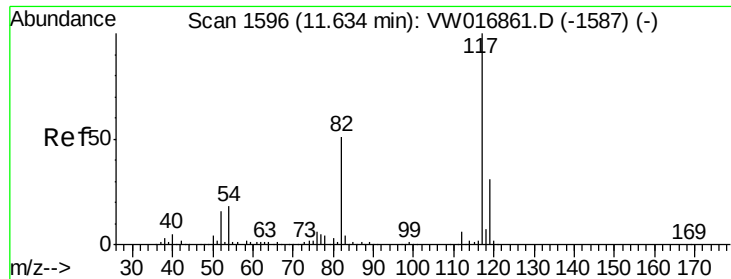
Tot Ion: 107 Resp: 51942
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 52.926 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion: 95 Resp: 242259
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 180.6
 176 86.8 0.0 177.6

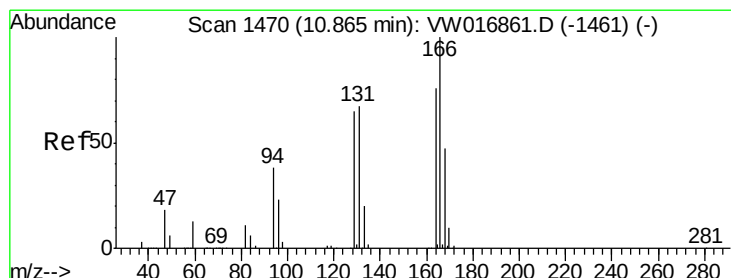
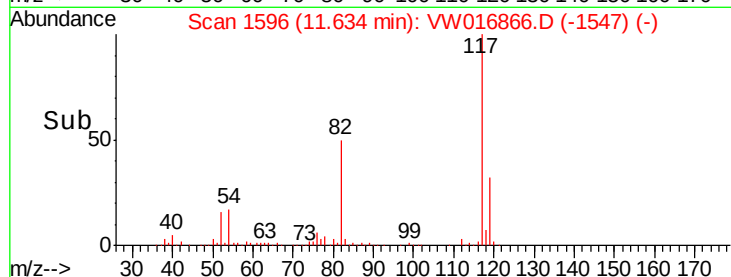
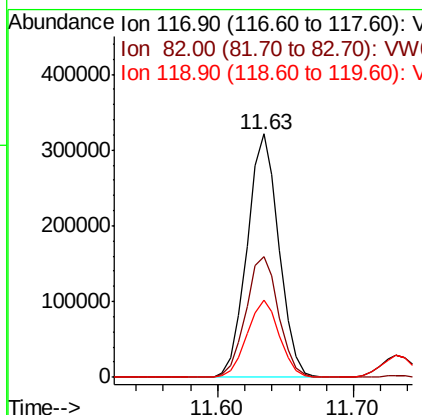
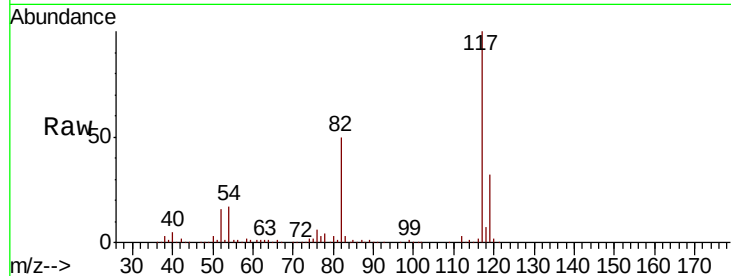




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

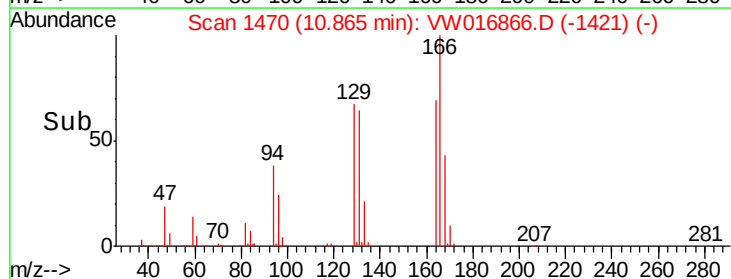
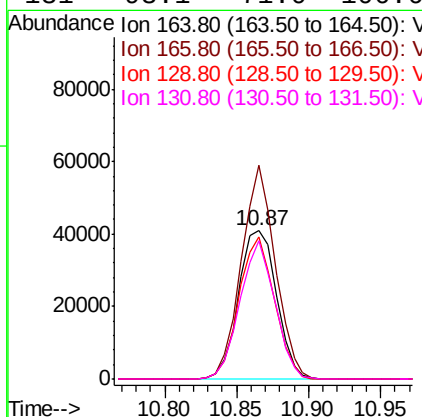
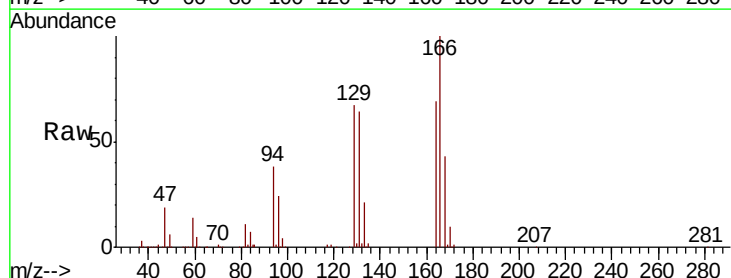
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

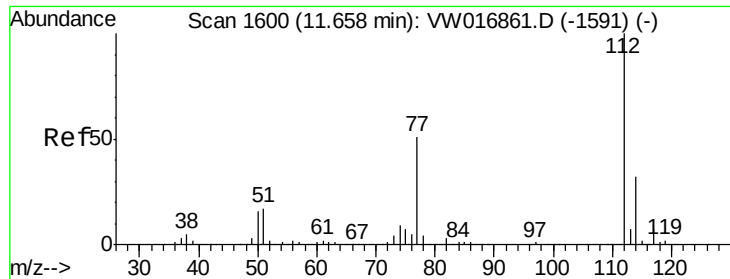
Tot Ion:117 Resp: 524874
Ion Ratio Lower Upper
117 100
82 49.8 40.7 61.1
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 19.997 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion:164 Resp: 74780
Ion Ratio Lower Upper
164 100
166 144.4 105.3 157.9
129 96.4 68.8 103.2
131 93.1 71.0 106.6

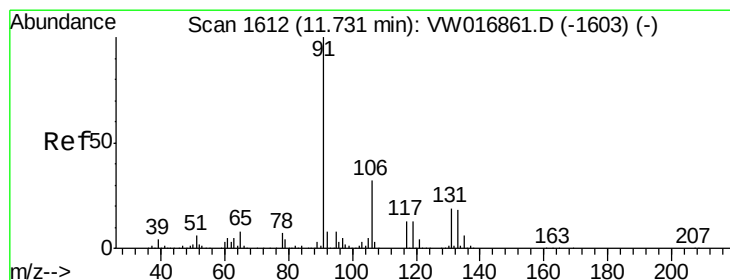
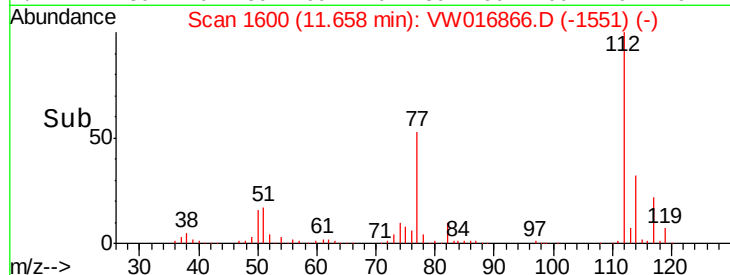
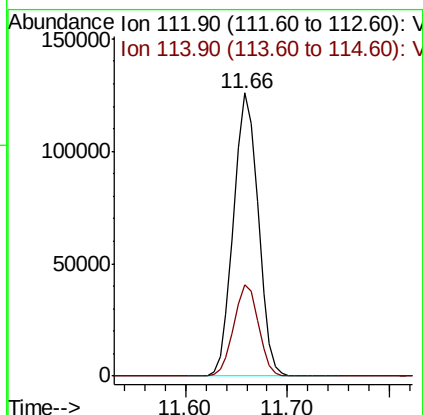
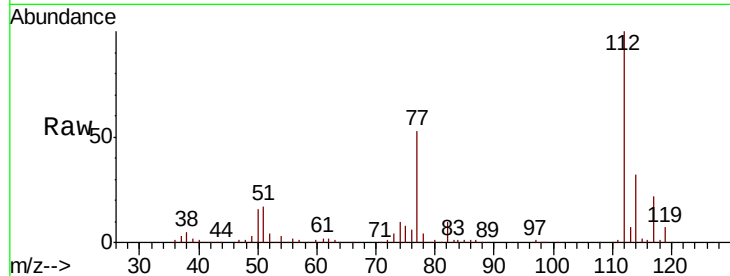




#65
Chlorobenzene
Concen: 20.396 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

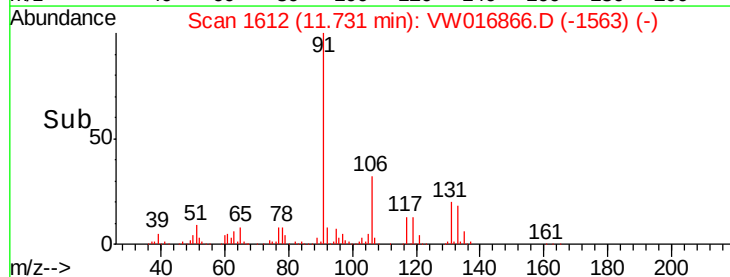
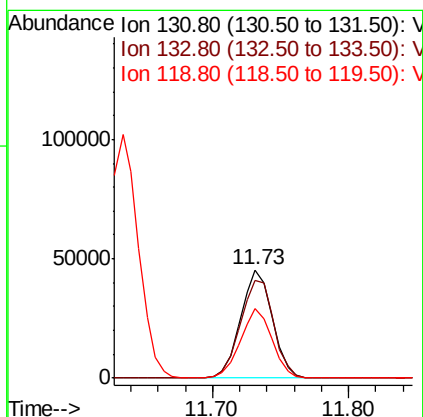
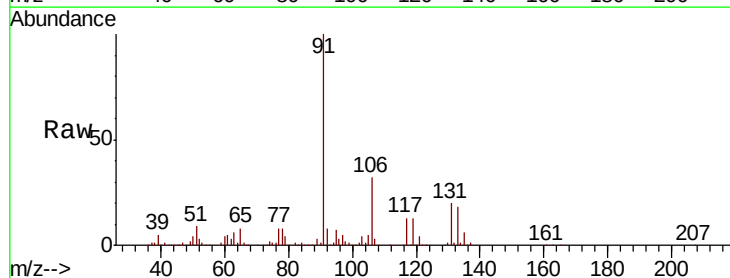
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

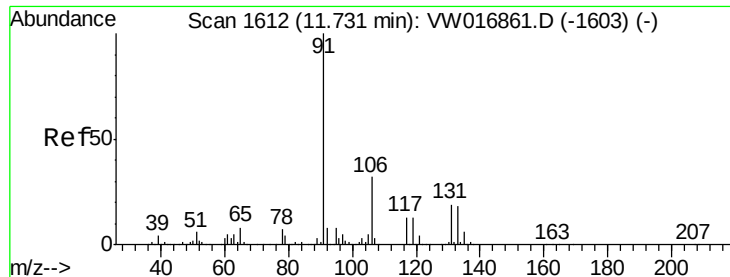
Tot Ion:112 Resp: 209980
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.330 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion:131 Resp: 74018
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 63.7 32.5 97.4

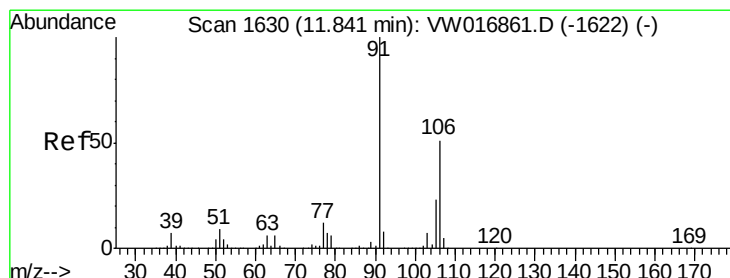
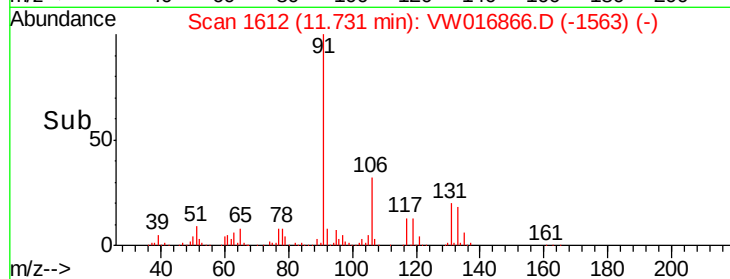
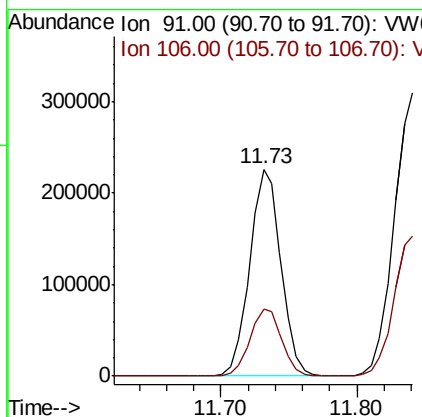
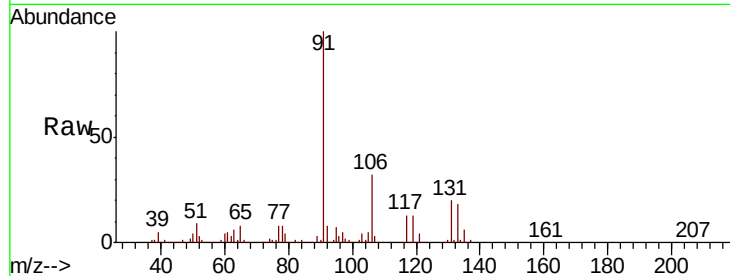




#67
Ethyl Benzene
Concen: 20.239 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

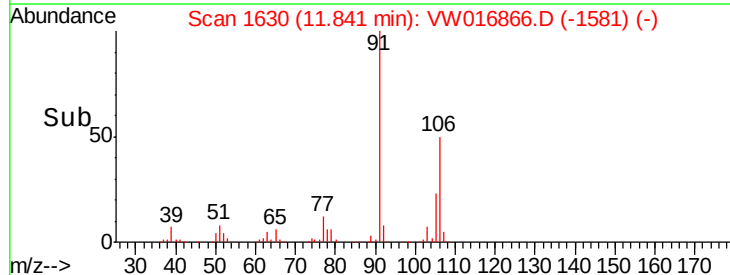
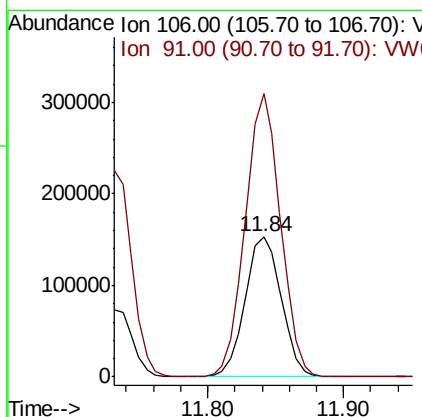
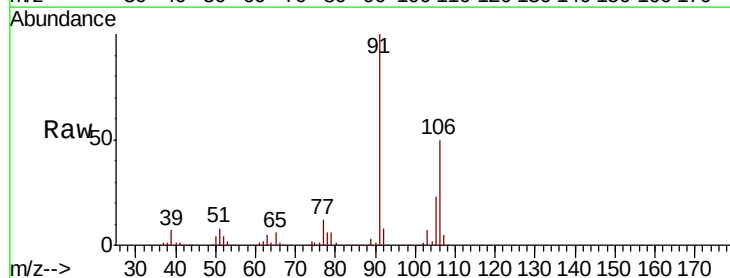
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

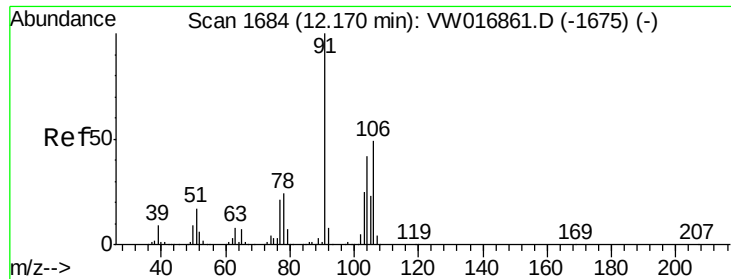
Tot Ion: 91 Resp: 363087
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#68
m/p-Xylenes
Concen: 40.968 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion: 106 Resp: 285842
Ion Ratio Lower Upper
106 100
91 197.0 157.4 236.0

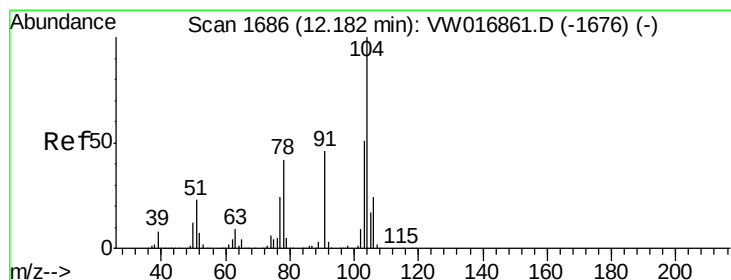
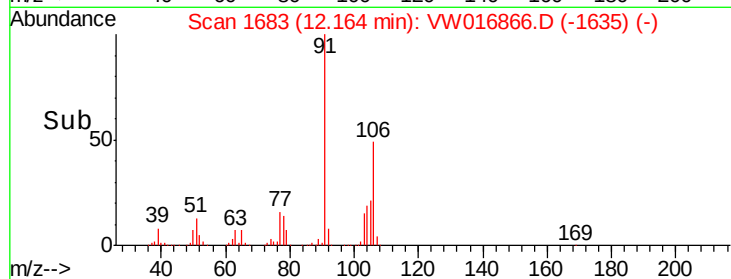
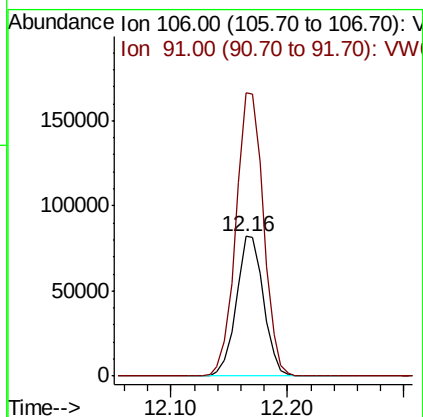
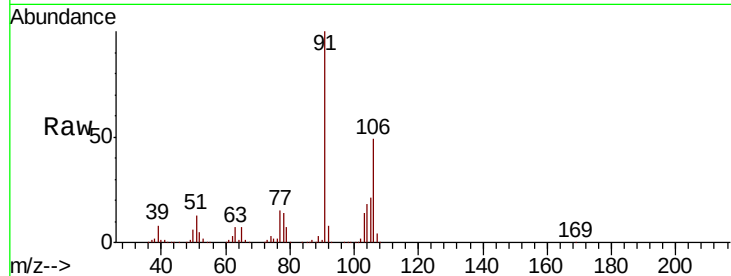




#69
o-Xylene
Concen: 20.866 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

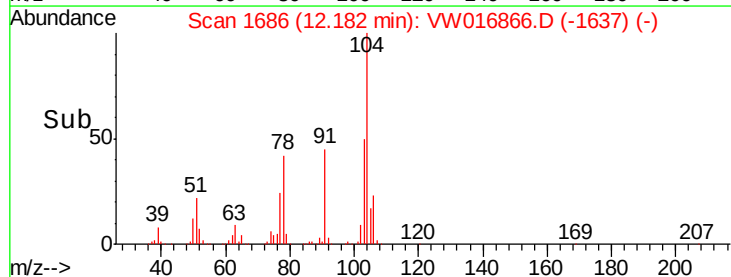
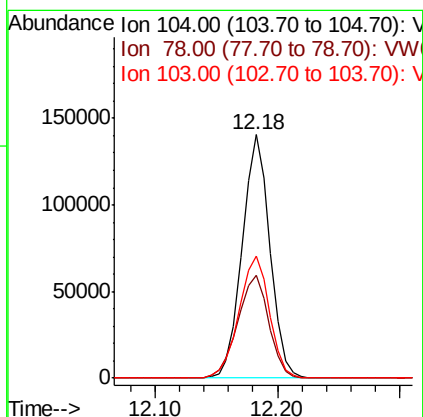
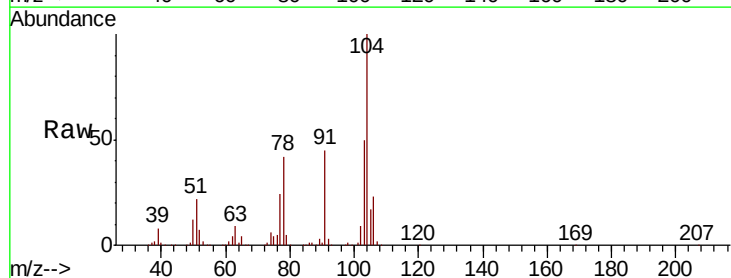
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

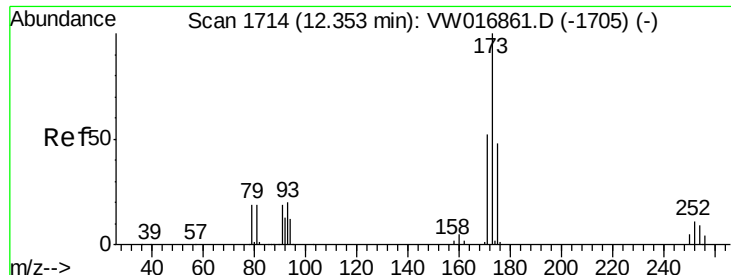
Tot Ion:106 Resp: 133599
Ion Ratio Lower Upper
106 100
91 205.7 103.6 310.9



#70
Styrene
Concen: 20.735 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion:104 Resp: 220959
Ion Ratio Lower Upper
104 100
78 47.4 37.6 56.4
103 55.1 43.6 65.4





#71

Bromoform

Concen: 18.955 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

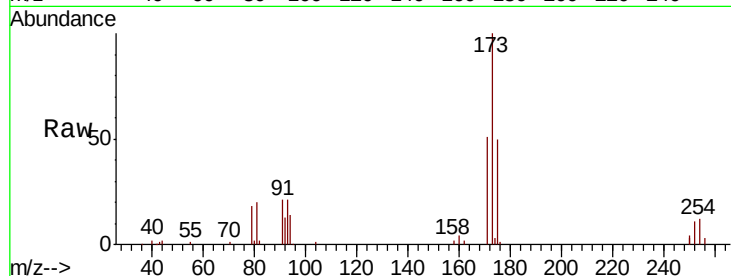
Tot Ion:173 Resp: 34646

Ion Ratio Lower Upper

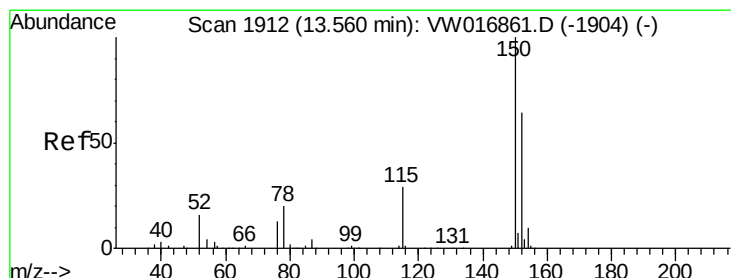
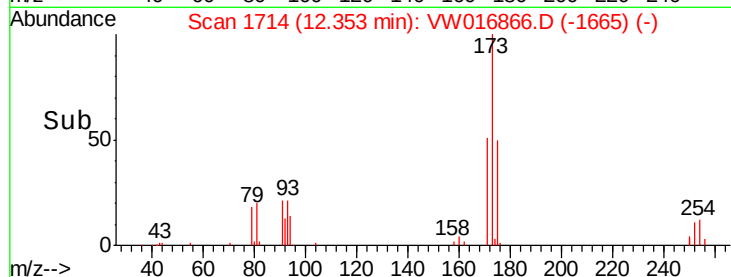
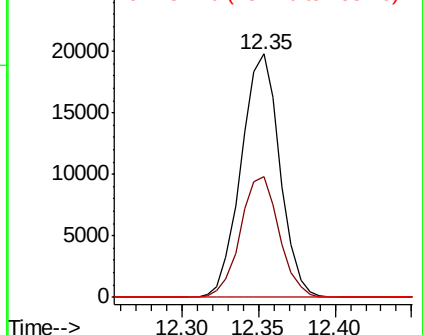
173 100

175 49.7 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: VW016866.D

Acq: 09 Oct 2020 18:08

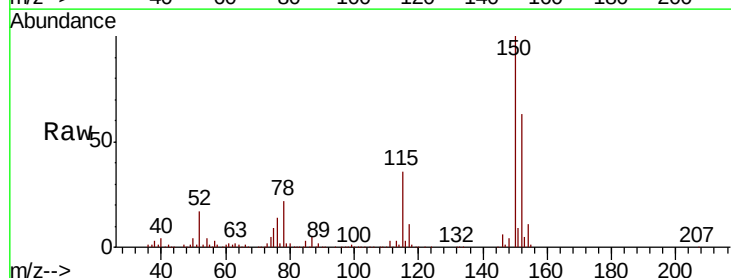
Tgt Ion:152 Resp: 259120

Ion Ratio Lower Upper

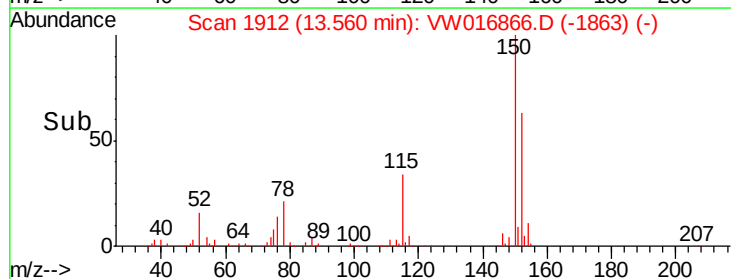
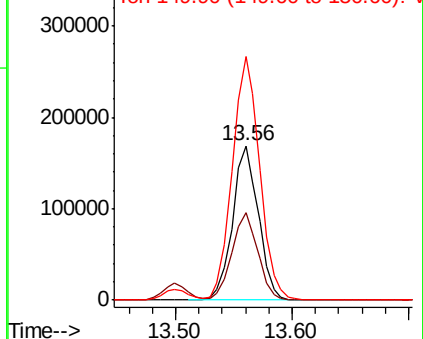
152 100

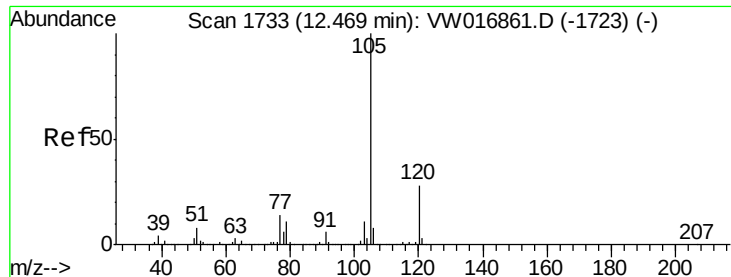
115 57.2 27.9 83.7

150 168.1 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: 21.233 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

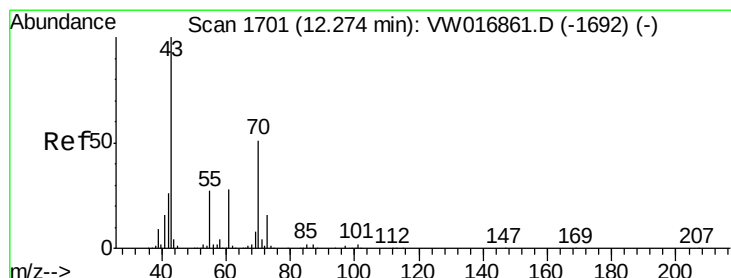
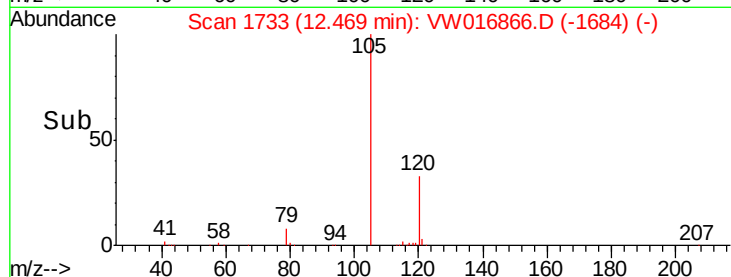
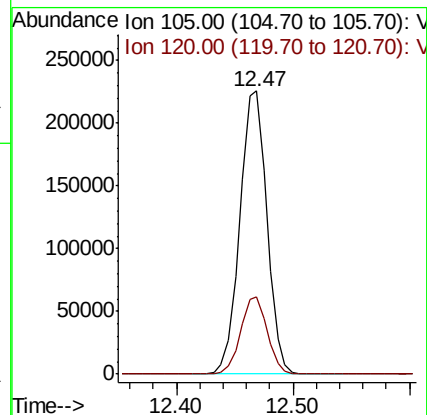
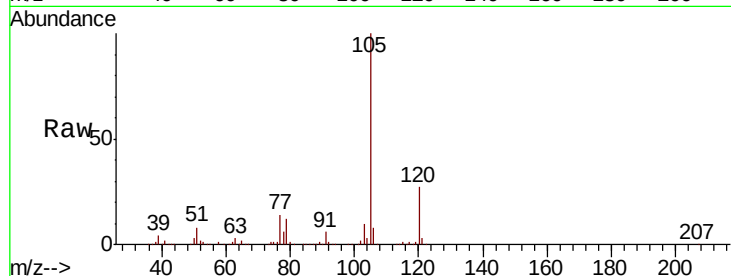
VW1010SBS01

Tot Ion:105 Resp: 365697

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



#74

N-ethyl acetate

Concen: 20.691 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Tgt Ion: 43 Resp: 57240

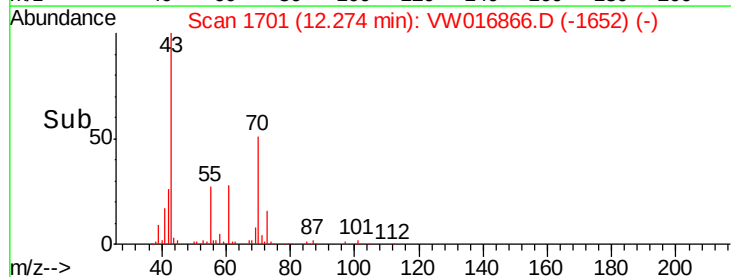
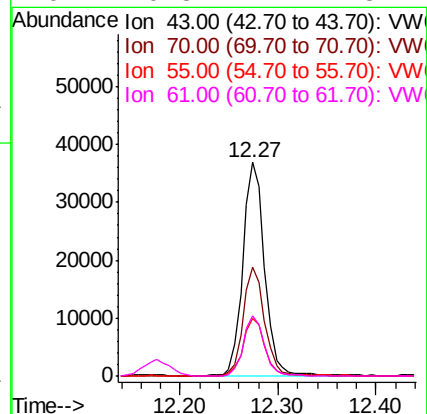
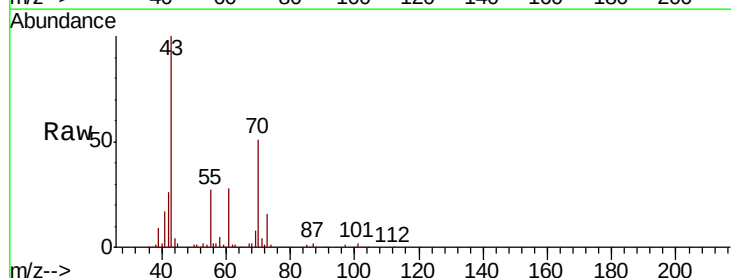
Ion Ratio Lower Upper

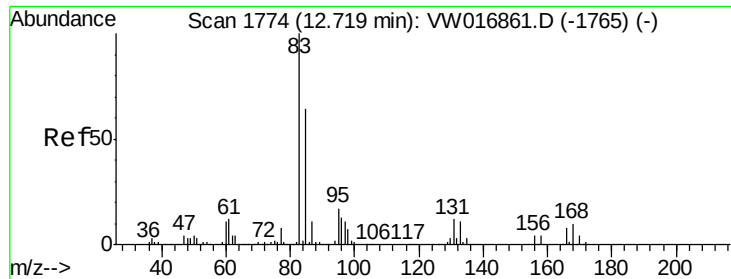
43 100

70 50.0 40.2 60.4

55 26.6 21.4 32.0

61 26.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.398 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

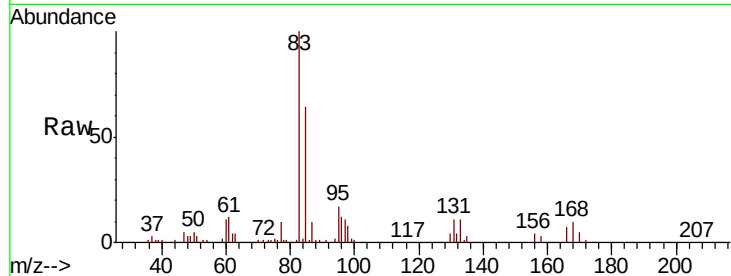
Tot Ion: 83 Resp: 55120

Ion	Ratio	Lower	Upper
83	100		
131	11.8	6.1	18.3
85	65.0	32.7	98.1

83 100

131 11.8 6.1 18.3

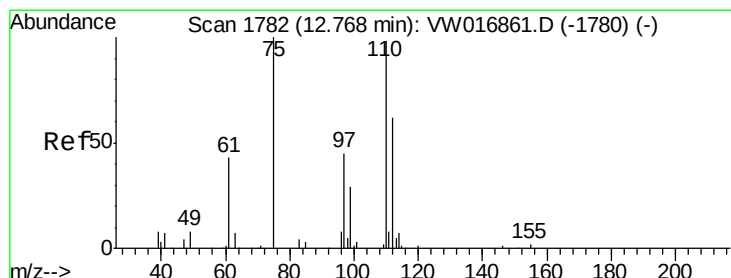
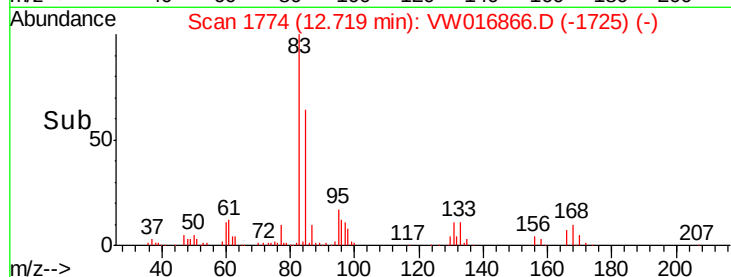
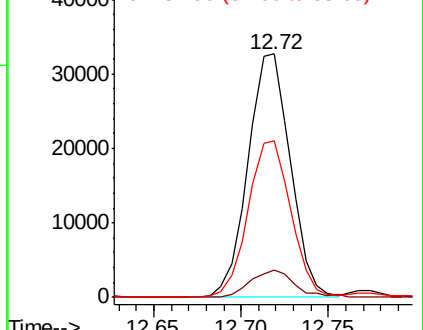
85 65.0 32.7 98.1



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: 35.484 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016866.D

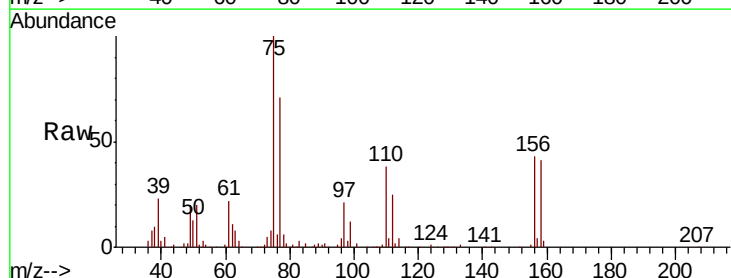
Acq: 09 Oct 2020 18:08

Tgt Ion: 75 Resp: 68607

Ion	Ratio	Lower	Upper
75	100		
77	207.7	178.8	536.3

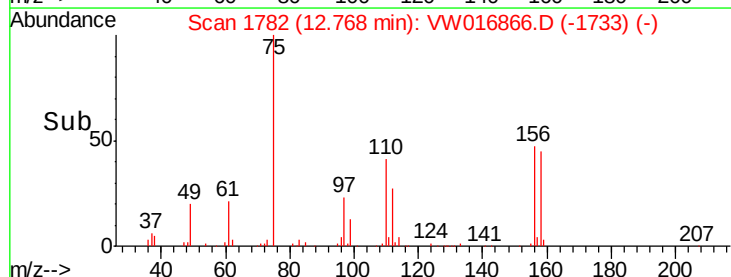
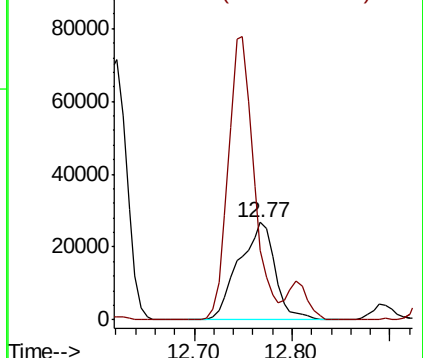
75 100

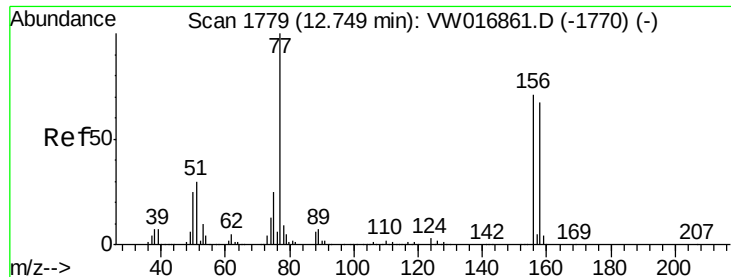
77 207.7 178.8 536.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.072 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

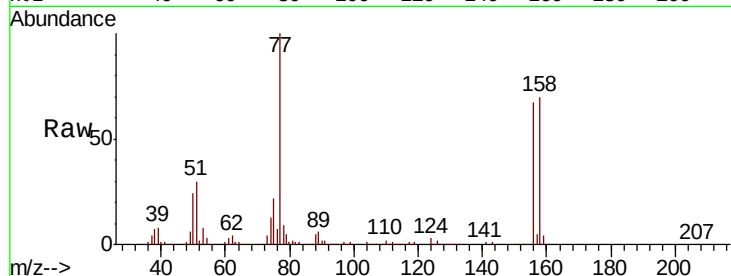
Tot Ion:156 Resp: 89711

Ion Ratio Lower Upper

156 100

77 158.8 79.0 237.2

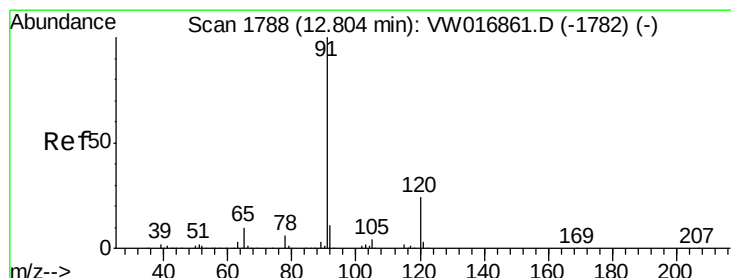
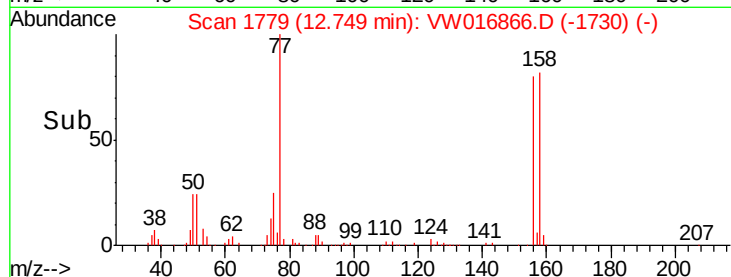
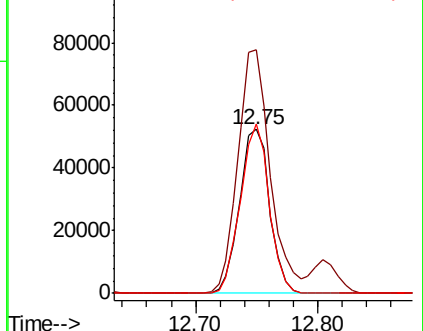
158 98.1 47.0 141.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.213 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016866.D

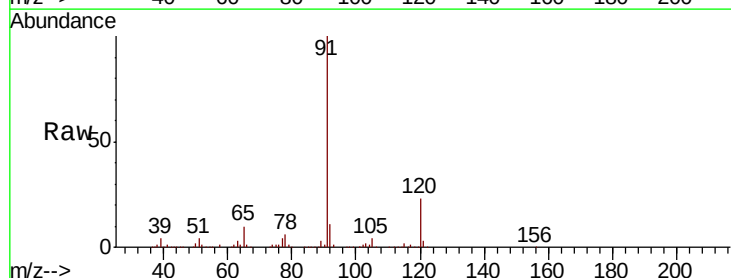
Acq: 09 Oct 2020 18:08

Tgt Ion: 91 Resp: 421334

Ion Ratio Lower Upper

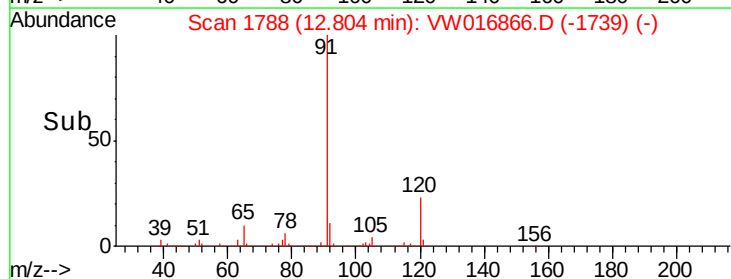
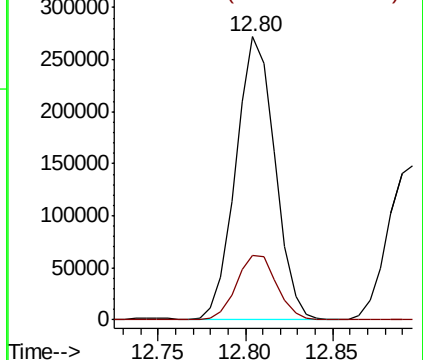
91 100

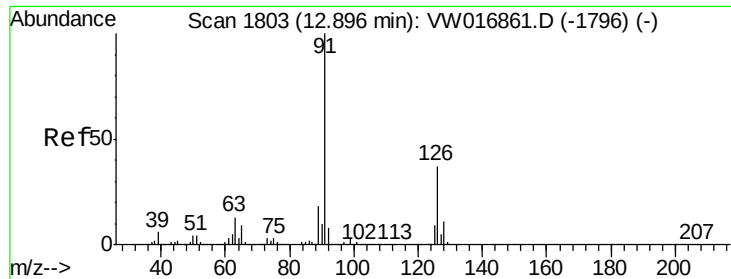
120 23.6 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.522 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

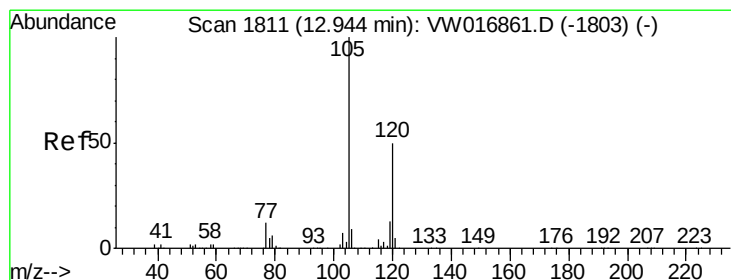
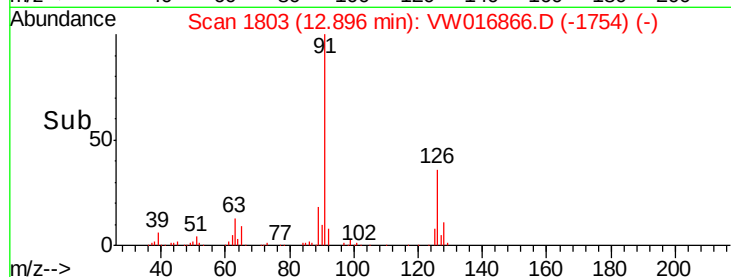
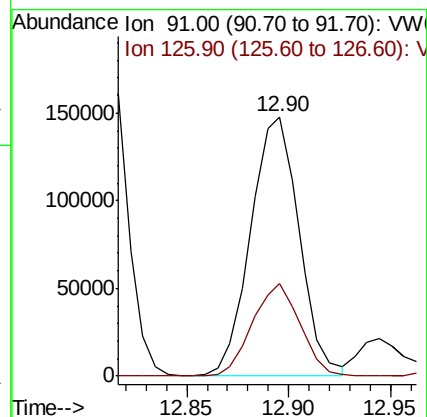
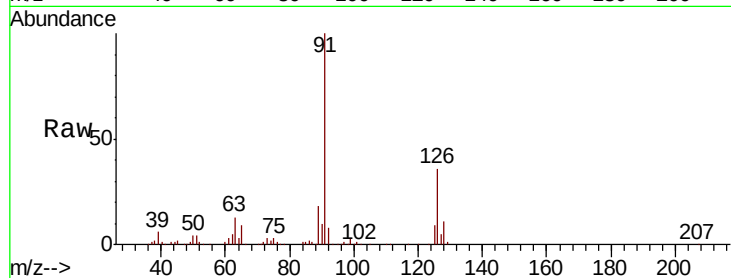
VW1010SBS01

Tot Ion: 91 Resp: 243857

Ion Ratio Lower Upper

91 100

126 35.1 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 21.750 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016866.D

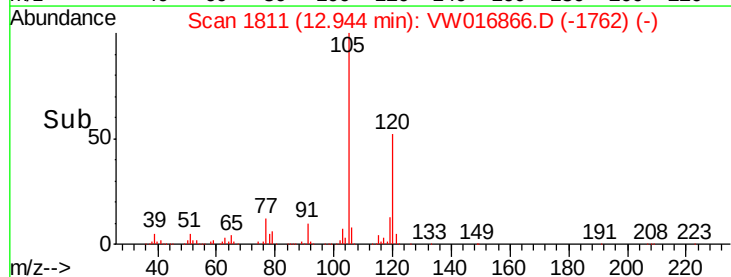
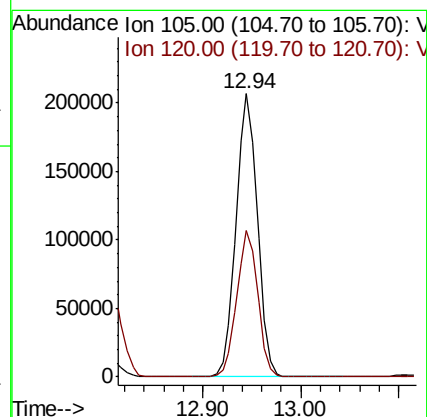
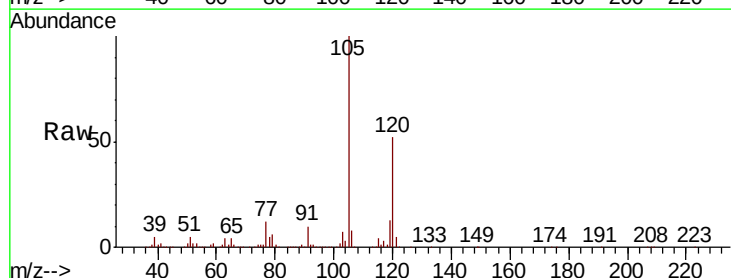
Acq: 09 Oct 2020 18:08

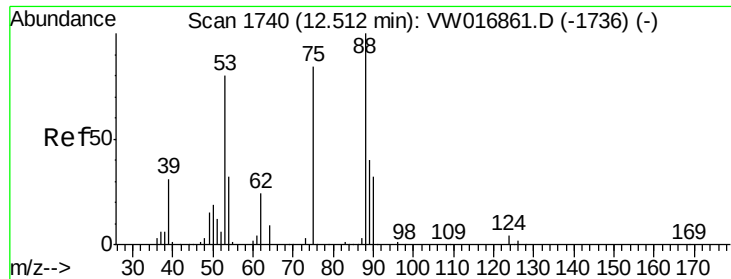
Tgt Ion:105 Resp: 313925

Ion Ratio Lower Upper

105 100

120 50.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.297 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

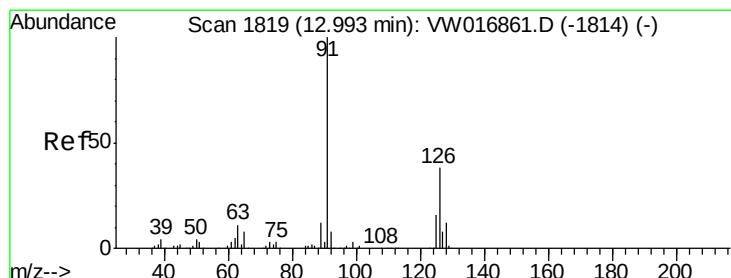
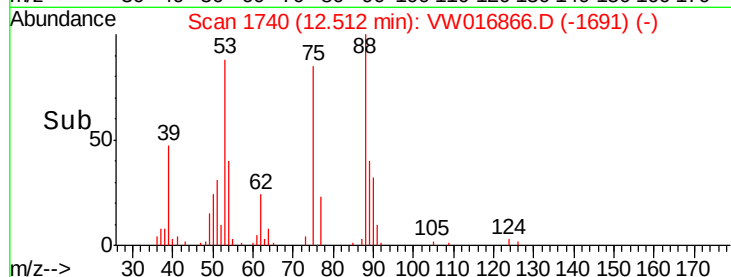
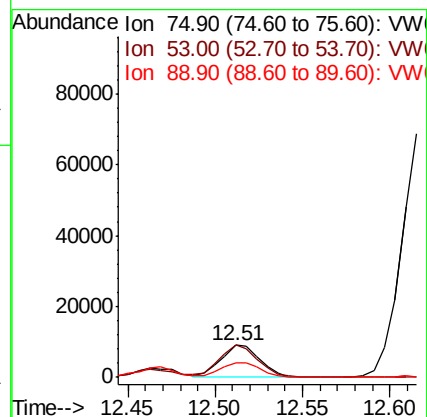
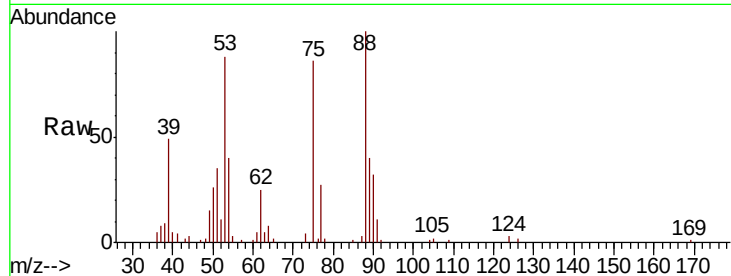
Tot Ion: 75 Resp: 13881

Ion Ratio Lower Upper

75 100

53 101.2 77.0 115.4

89 48.8 38.7 58.1



#82

4-Chlorotoluene

Concen: 21.396 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW016866.D

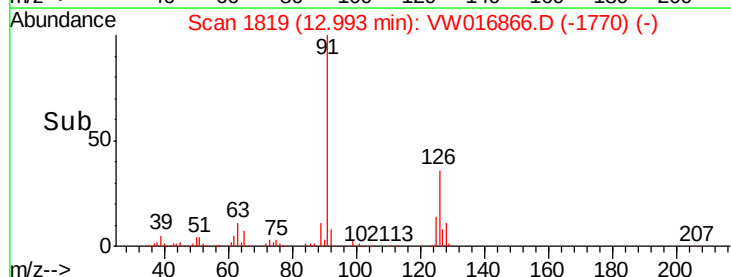
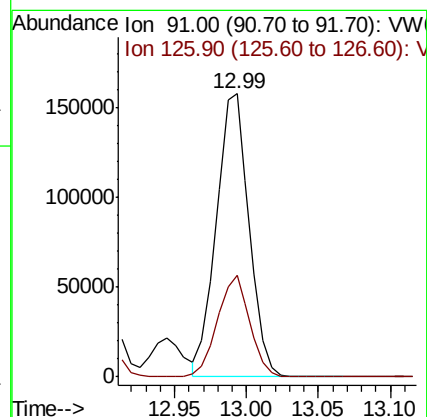
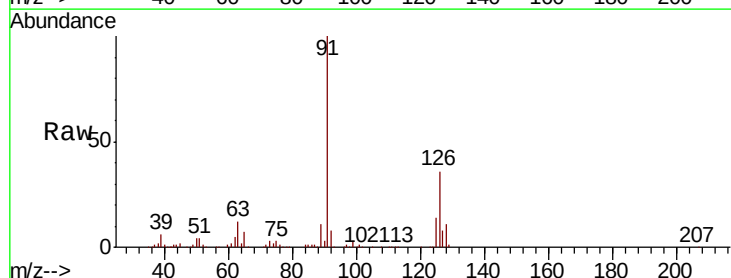
Acq: 09 Oct 2020 18:08

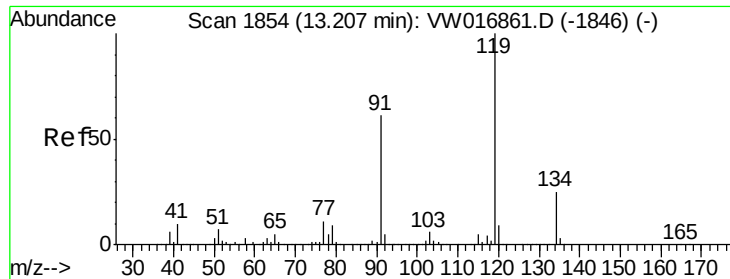
Tgt Ion: 91 Resp: 250261

Ion Ratio Lower Upper

91 100

126 35.3 18.1 54.3

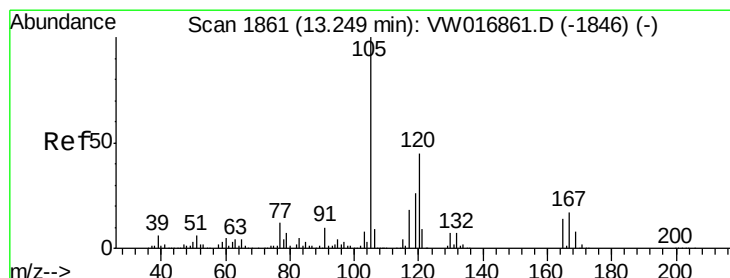
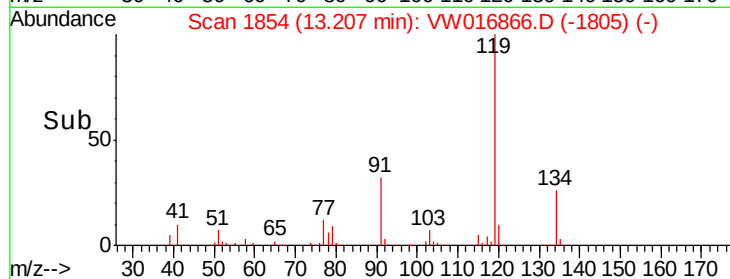
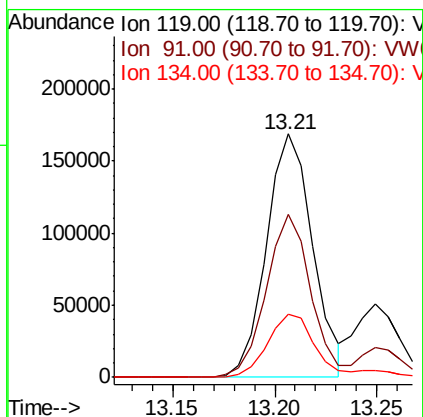
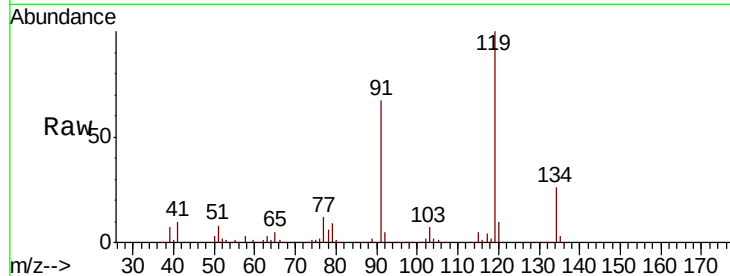




#83
tert-Butylbenzene
Concen: 21.249 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

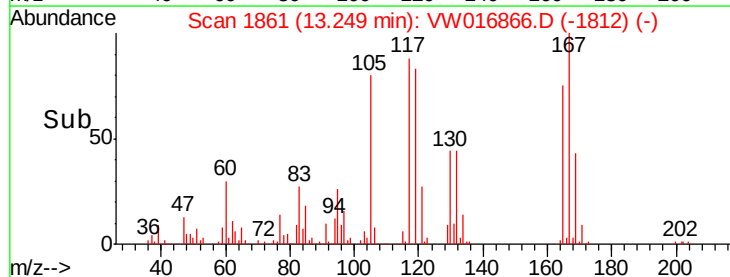
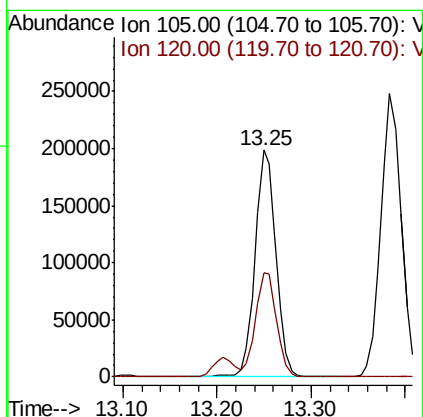
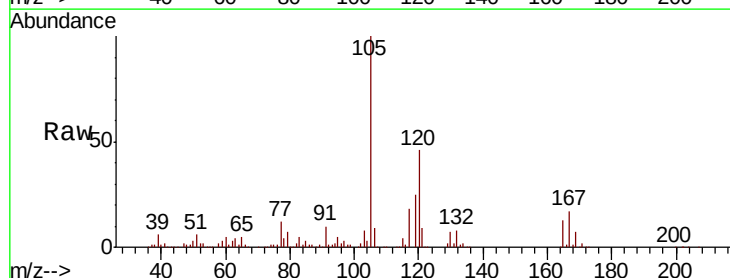
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

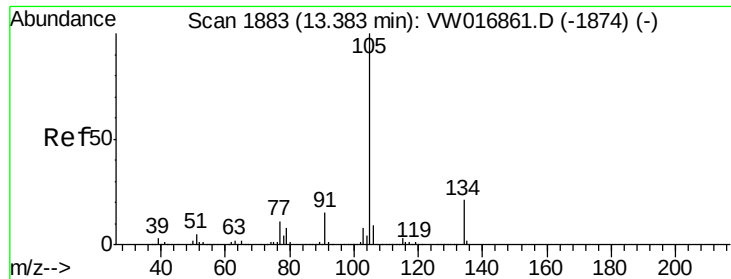
Tot Ion:119 Resp: 266370
Ion Ratio Lower Upper
119 100
91 65.2 31.3 93.9
134 26.2 14.0 42.0



#84
1,2,4-Trimethylbenzene
Concen: 21.619 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion:105 Resp: 310927
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.0





#85

sec-Butylbenzene

Concen: 21.437 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampled :

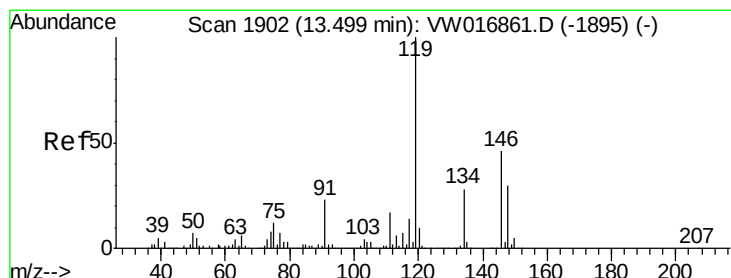
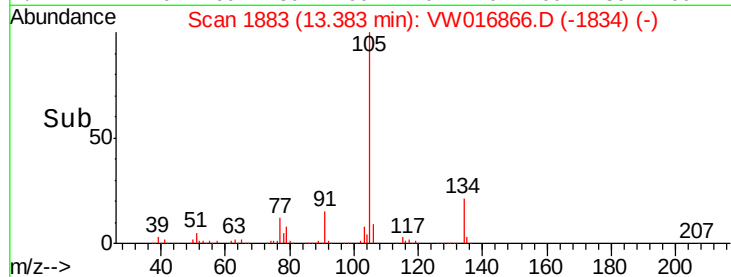
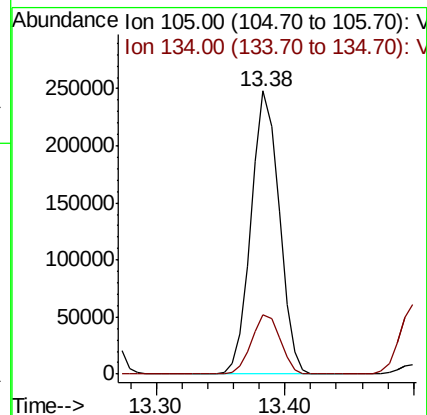
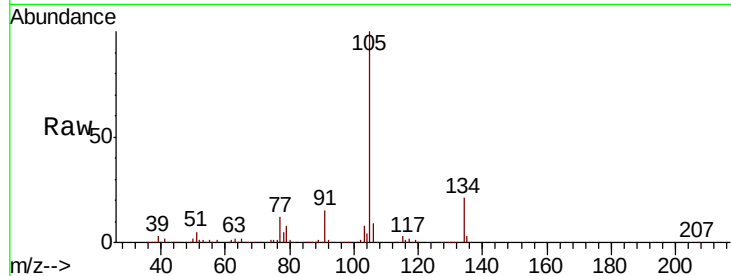
VW1010SBS01

Tot Ion:105 Resp: 374061

Ion Ratio Lower Upper

105 100

134 21.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 21.253 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

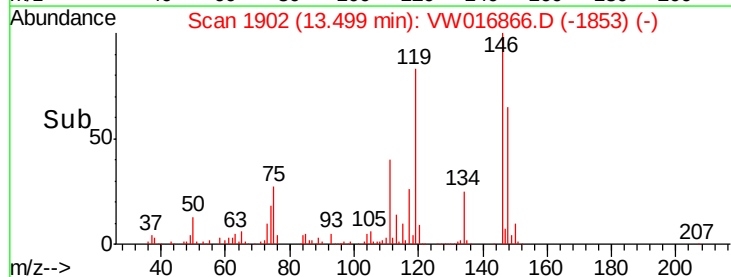
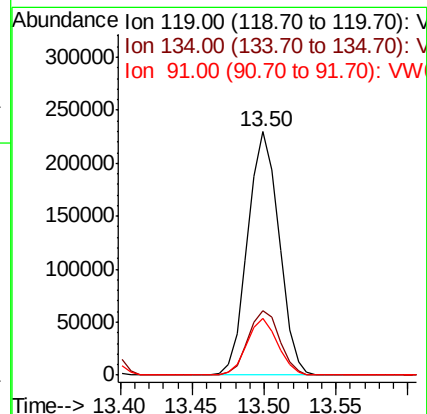
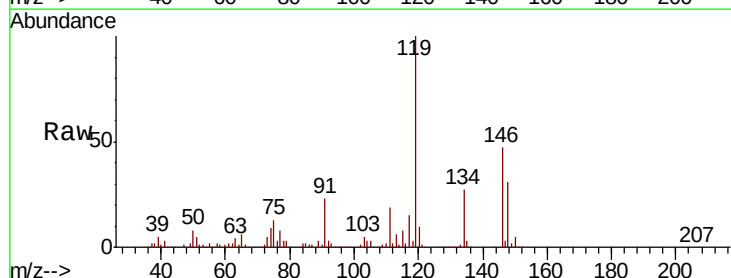
Tgt Ion:119 Resp: 345320

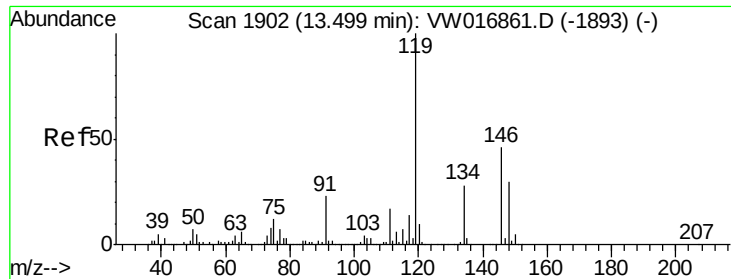
Ion Ratio Lower Upper

119 100

134 26.7 13.8 41.3

91 22.7 11.3 33.9

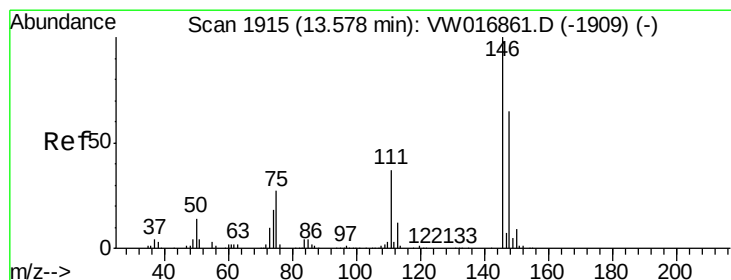
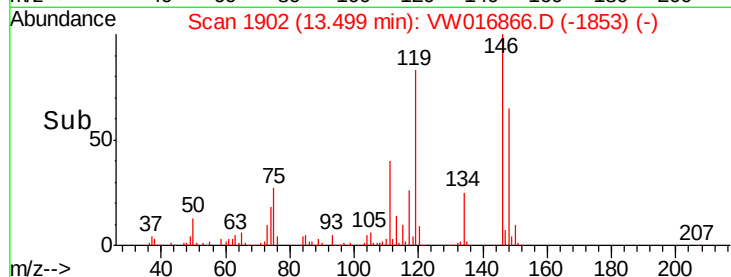
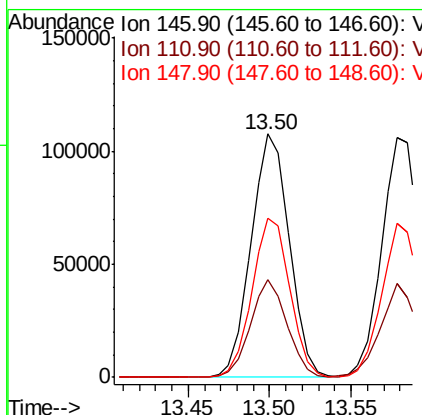
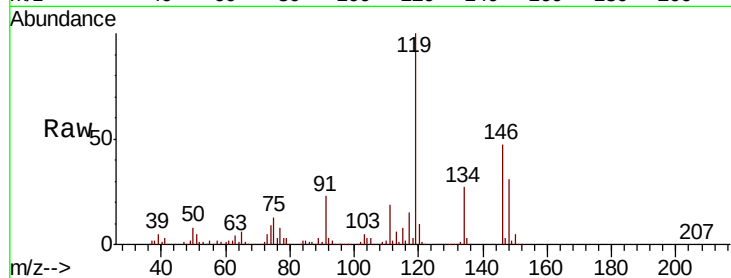




#87
 1,3-Dichlorobenzene
 Concen: 21.326 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

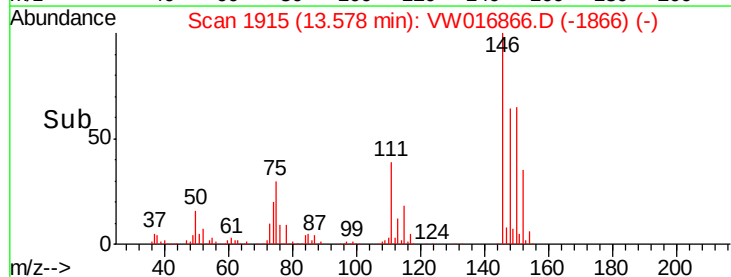
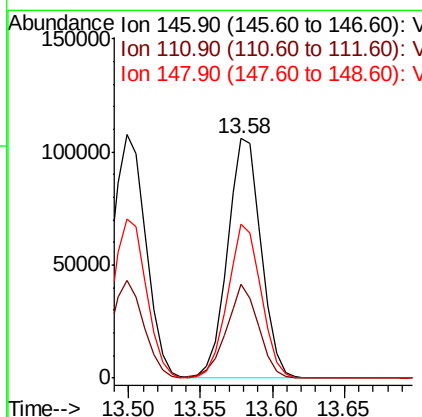
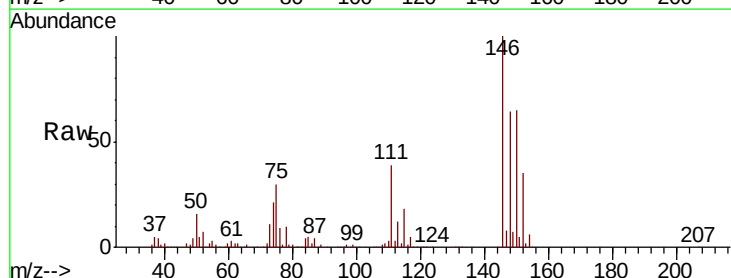
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

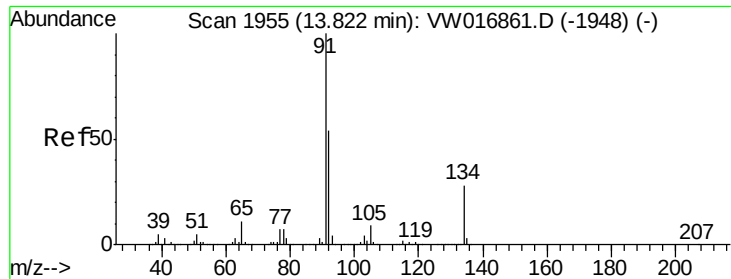
Tot Ion:146 Resp: 175575
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 64.6 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 21.230 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion:146 Resp: 172241
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.5 55.5
 148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 21.144 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016866.D

Acq: 09 Oct 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS01

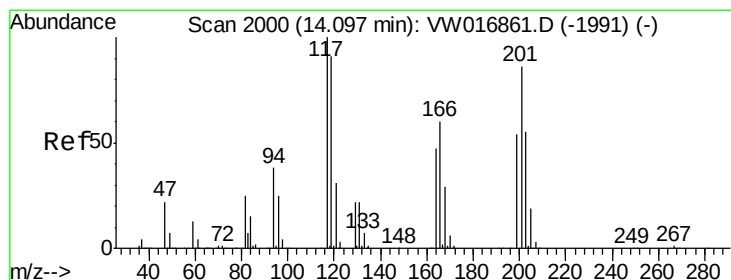
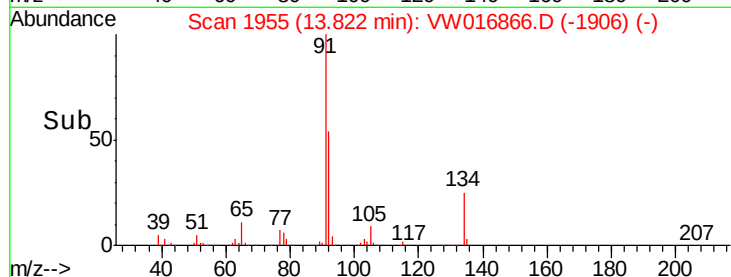
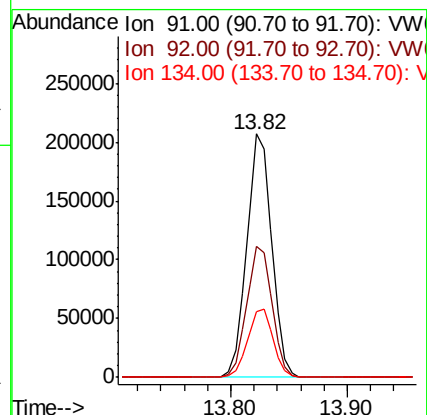
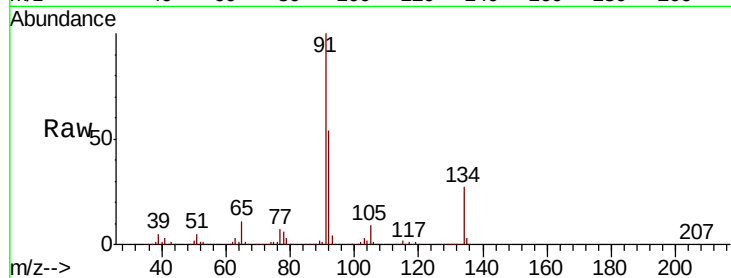
Tot Ion: 91 Resp: 309503

Ion Ratio Lower Upper

91 100

92 54.7 26.6 79.7

134 28.5 14.3 42.9



#90

Hexachloroethane

Concen: 20.770 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016866.D

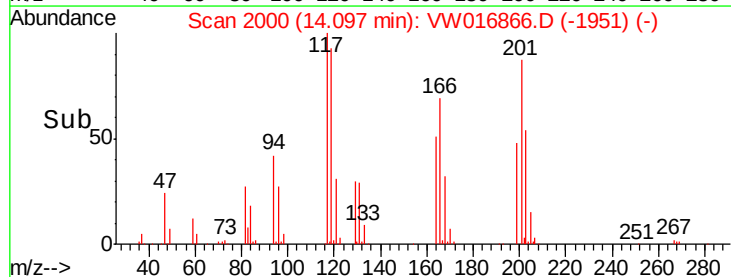
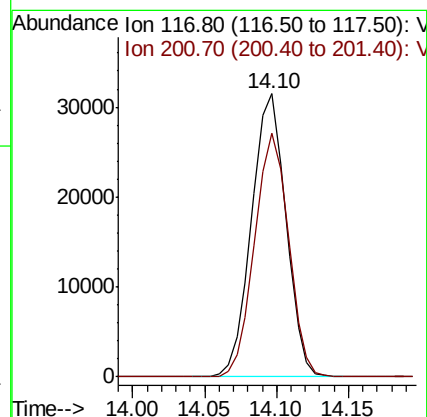
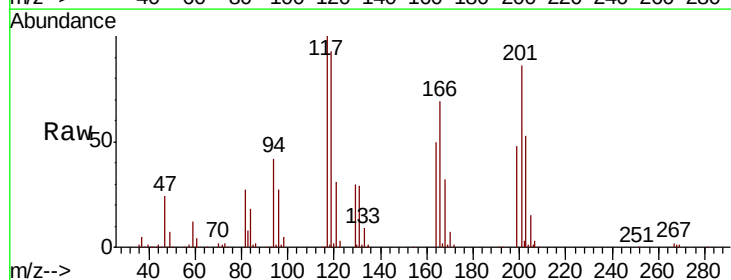
Acq: 09 Oct 2020 18:08

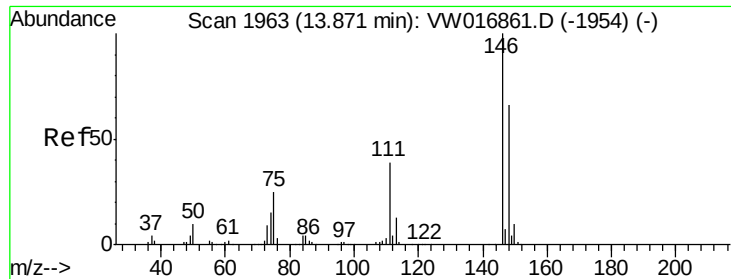
Tgt Ion: 117 Resp: 52073

Ion Ratio Lower Upper

117 100

201 84.8 41.9 125.7

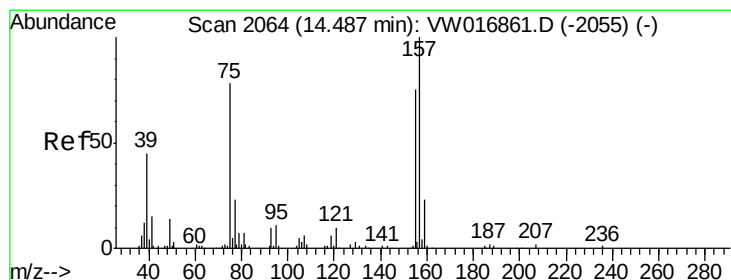
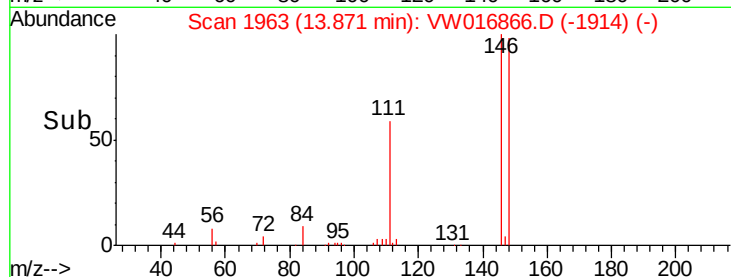
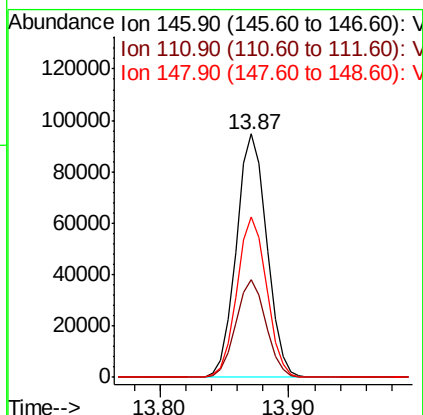
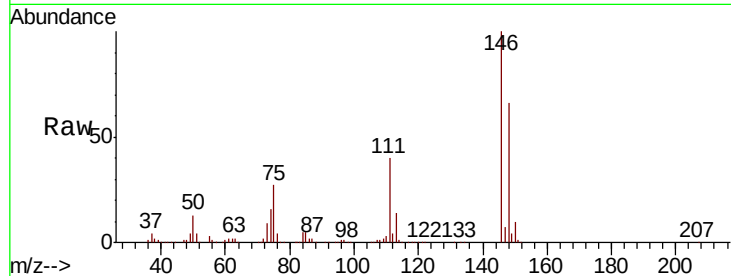




#91
 1,2-Dichlorobenzene
 Concen: 21.820 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

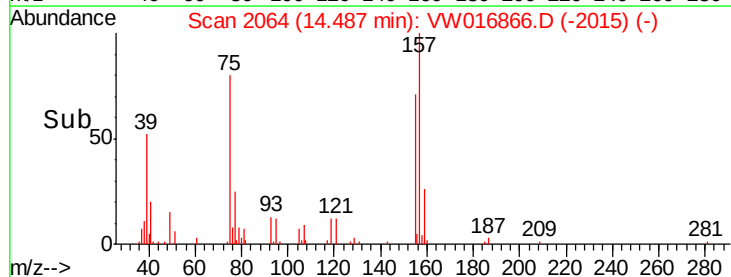
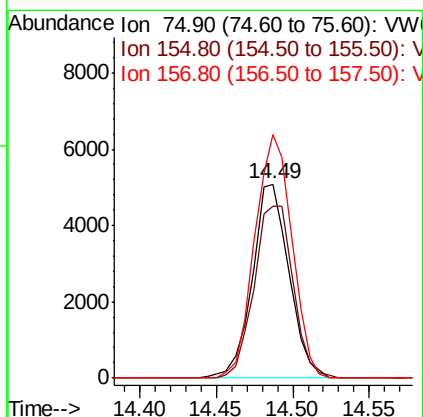
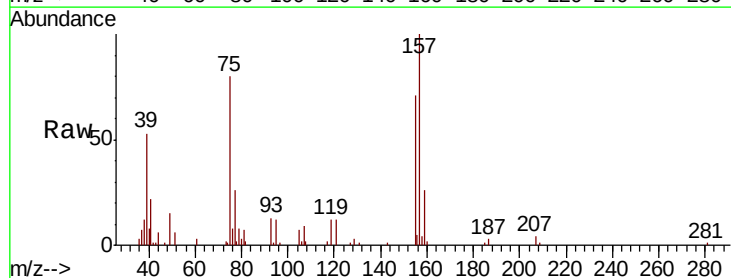
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

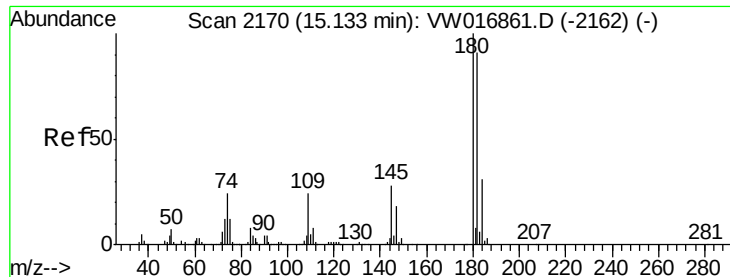
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.3
148	64.4	33.1	99.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.595 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	47.6	142.8
157	126.6	62.2	186.6

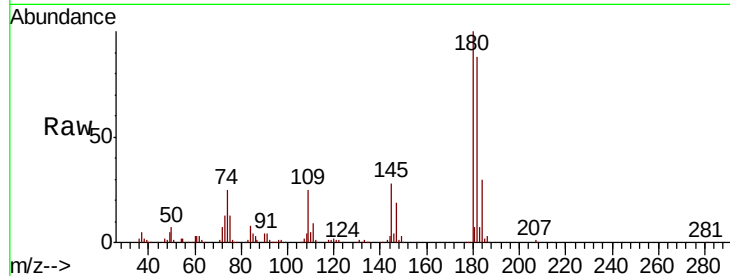




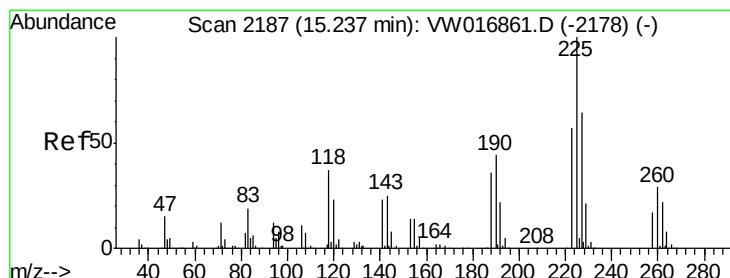
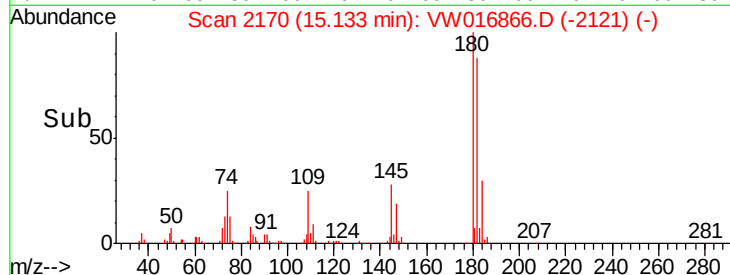
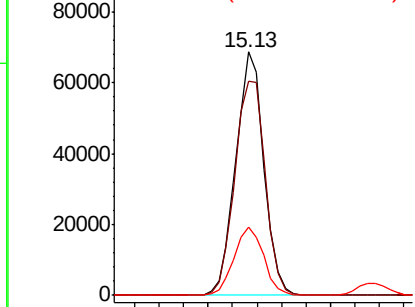
#93
 1,2,4-Trichlorobenzene
 Concen: 22.203 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Tot Ion:180 Resp: 108824
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.3 144.9
 145 29.4 14.9 44.5

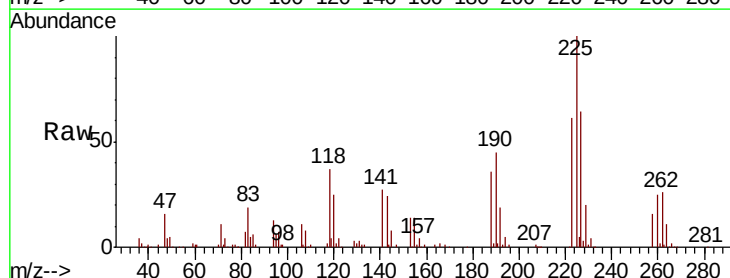


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

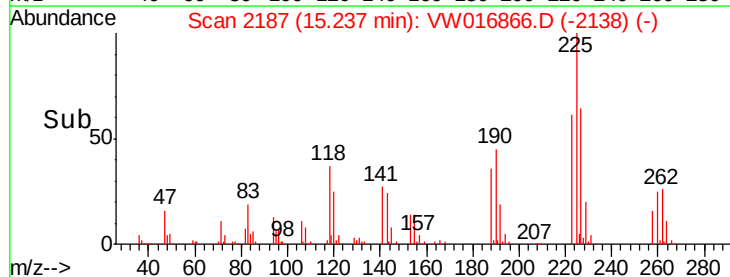
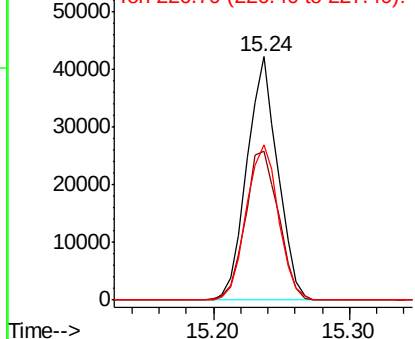


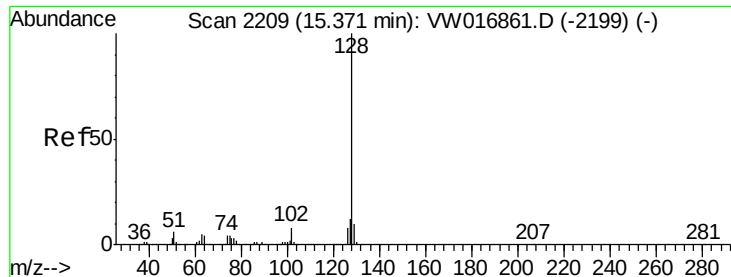
#94
 Hexachlorobutadiene
 Concen: 21.124 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016866.D
 Acq: 09 Oct 2020 18:08

Tgt Ion:225 Resp: 67115
 Ion Ratio Lower Upper
 225 100
 223 66.2 31.9 95.7
 227 66.8 33.0 99.0



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

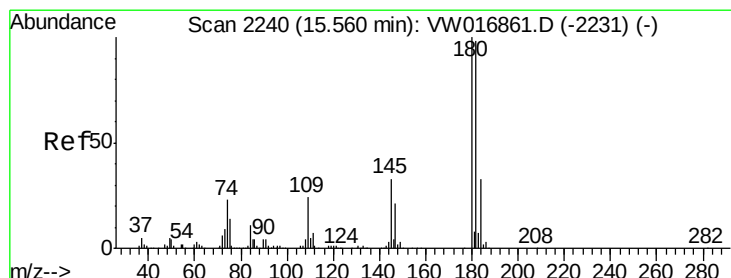
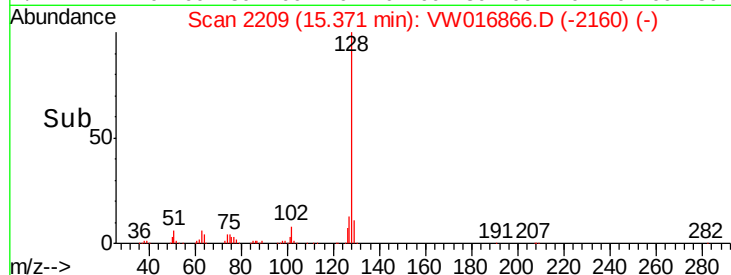
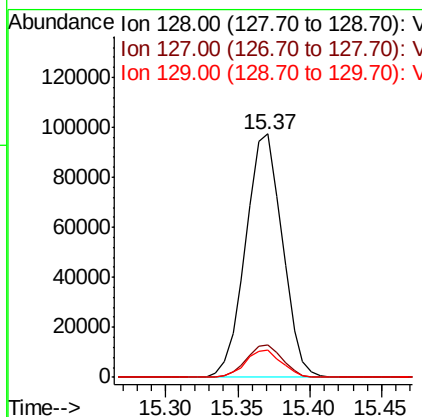
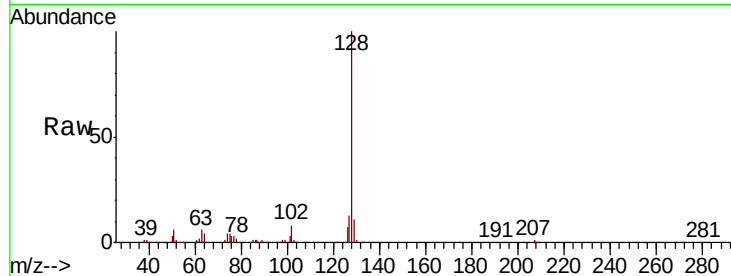




#95
Naphthalene
Concen: 21.569 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS01

Tot Ion:128 Resp: 171807
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.559 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016866.D
Acq: 09 Oct 2020 18:08

Tgt Ion:180 Resp: 91923
Ion Ratio Lower Upper
180 100
182 99.2 49.4 148.2
145 32.0 16.3 48.9

