

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016861.D
 Acq On : 09 Oct 2020 15:00
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 10 04:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	394188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	569204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	511008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	267357	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	165550	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.88	113	176795	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.32	98	663534	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	237499	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	93537	43.503	ug/l	100
3) Chloromethane	2.21	50	108837	46.168	ug/l	100
4) Vinyl Chloride	2.37	62	163801	48.049	ug/l	100
5) Bromomethane	2.79	94	126717	48.400	ug/l	100
6) Chloroethane	2.93	64	106900	49.275	ug/l	100
7) Trichlorofluoromethane	3.26	101	127571	51.400	ug/l	100
8) Diethyl Ether	3.68	74	79680	51.400	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	164097	49.103	ug/l	100
10) Methyl Iodide	4.28	142	270604	50.649	ug/l	100
11) Tert butyl alcohol	5.21	59	42211	249.351	ug/l	100
12) 1,1-Dichloroethene	4.04	96	163601	49.595	ug/l	100
13) Acrolein	3.90	56	51234	241.850	ug/l	100
14) Allyl chloride	4.67	41	202656	51.323	ug/l	100
15) Acrylonitrile	5.38	53	139452	270.251	ug/l	100
16) Acetone	4.14	43	136168	262.214	ug/l	100
17) Carbon Disulfide	4.39	76	441325	50.285	ug/l	100
18) Methyl Acetate	4.68	43	62243	52.258	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	186900	52.569	ug/l	100
20) Methylene Chloride	4.92	84	180653	43.900	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	188734	50.965	ug/l	100
22) Diisopropyl ether	6.32	45	370613	51.642	ug/l	100
23) Vinyl Acetate	6.26	43	1247376	271.257	ug/l	100
24) 1,1-Dichloroethane	6.22	63	285759	50.216	ug/l	100
25) 2-Butanone	7.18	43	188293	271.978	ug/l	100
26) 2,2-Dichloropropane	7.17	77	172068	49.422	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	201459	50.793	ug/l	100
28) Bromochloromethane	7.52	49	121120	53.180	ug/l	100
29) Tetrahydrofuran	7.54	42	105153	271.166	ug/l	100
30) Chloroform	7.68	83	313602	50.692	ug/l	100
31) Cyclohexane	7.96	56	228906	47.159	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	262109	50.230	ug/l	100
36) 1,1-Dichloropropene	8.09	75	245611	49.902	ug/l	100
37) Ethyl Acetate	7.26	43	85615	53.253	ug/l	100
38) Carbon Tetrachloride	8.07	117	253973	49.640	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	286042	50.975	ug/l	100
40) Benzene	8.33	78	691395	50.427	ug/l	100
41) Methacrylonitrile	7.49	41	48743	70.659	ug/l	100
42) 1,2-Dichloroethane	8.40	62	191893	51.166	ug/l	100
43) Isopropyl Acetate	8.43	43	165166	53.628	ug/l	100
44) Trichloroethene	9.10	130	210387	49.577	ug/l	100
45) 1,2-Dichloropropane	9.37	63	157110	50.249	ug/l	100
46) Dibromomethane	9.46	93	92012	51.451	ug/l	100
47) Bromodichloromethane	9.65	83	228548	51.398	ug/l	100
48) Methyl methacrylate	9.44	41	77868	54.866	ug/l	100
49) 1,4-Dioxane	9.47	88	22472	1092.430	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	420957	270.178	ug/l	100
52) Toluene	10.39	92	461186	50.885	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	216837	53.565	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	261073	52.801	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	132111	51.899	ug/l	100
56) Ethyl methacrylate	10.65	69	151801	54.818	ug/l	100
57) 1,3-Dichloropropane	10.93	76	220623	52.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	406781	265.083	ug/l	100
59) 2-Hexanone	10.97	43	289020	280.361	ug/l	100
60) Dibromochloromethane	11.13	129	164393	52.653	ug/l	100
61) 1,2-Dibromoethane	11.24	107	131156	52.027	ug/l	100
64) Tetrachloroethene	10.87	164	183926	50.519	ug/l	100
65) Chlorobenzene	11.66	112	507540	50.637	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	179574	50.661	ug/l	100
67) Ethyl Benzene	11.73	91	895657	51.280	ug/l	100
68) m/p-Xylenes	11.84	106	696812	102.579	ug/l	100
69) o-Xylene	12.17	106	323743	51.935	ug/l	100
70) Styrene	12.18	104	546662	52.691	ug/l	100
71) Bromoform	12.35	173	94337	53.012	ug/l #	100
73) Isopropylbenzene	12.47	105	896269	50.436	ug/l	100
74) N-amyl acetate	12.27	43	155400	54.443	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	144099	51.682	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	178079	103.247	ug/l	27
77) Bromobenzene	12.75	156	222017	50.542	ug/l	100
78) n-propylbenzene	12.80	91	1032648	50.389	ug/l	100
79) 2-Chlorotoluene	12.90	91	587351	50.241	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	761694	51.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41656	56.126	ug/l	100
82) 4-Chlorotoluene	12.99	91	606949	50.292	ug/l	100
83) tert-Butylbenzene	13.21	119	661566	51.148	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	757063	51.017	ug/l	100
85) sec-Butylbenzene	13.38	105	914097	50.772	ug/l	100
86) p-Isopropyltoluene	13.50	119	844731	50.387	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	418213	49.233	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	418508	49.995	ug/l	100
89) n-Butylbenzene	13.82	91	784620	51.951	ug/l	100
90) Hexachloroethane	14.10	117	133276	51.521	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	366816	50.049	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23028	53.932	ug/l	100

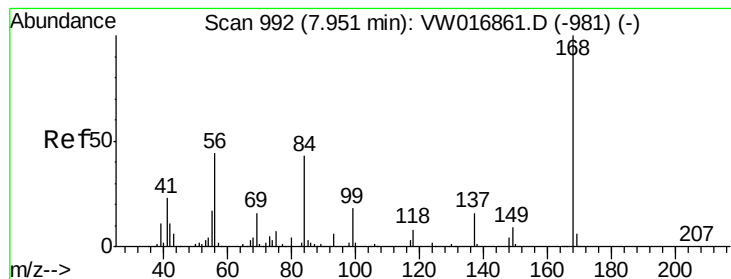
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	266824	52.763	ug/l	100
94) Hexachlorobutadiene	15.24	225	163296	49.813	ug/l	100
95) Naphthalene	15.37	128	454933	55.352	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	224470	51.023	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

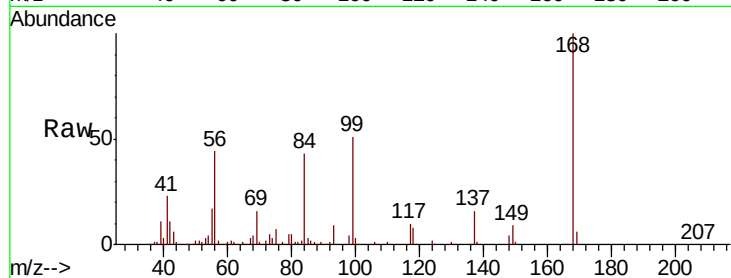
VSTDICCC050

Tot Ion:168 Resp: 394188

Ion Ratio Lower Upper

168 100

99 50.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

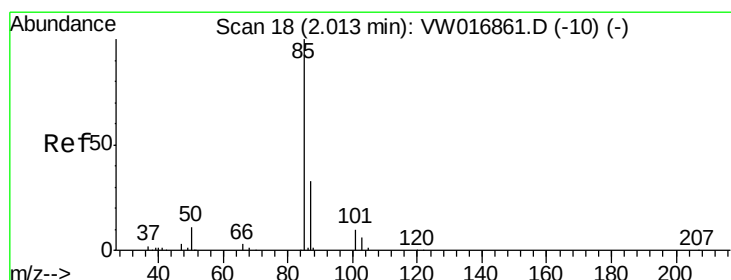
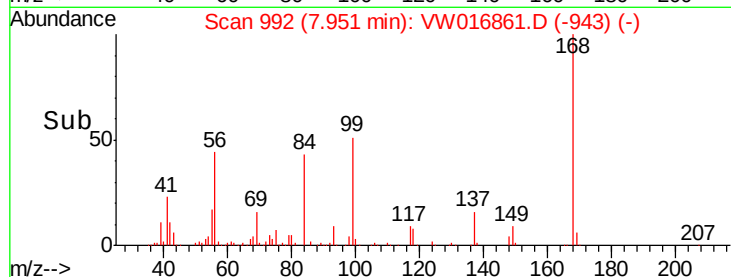
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 43.503 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016861.D

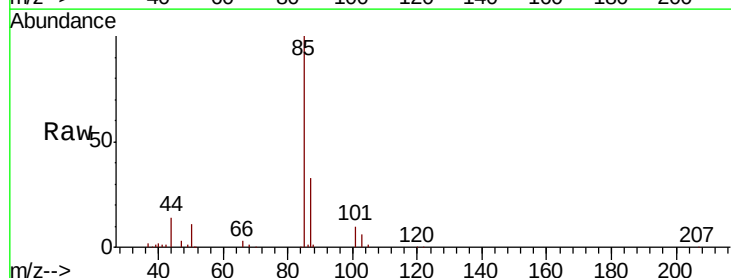
Acq: 09 Oct 2020 15:00

Tgt Ion: 85 Resp: 93537

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

30000

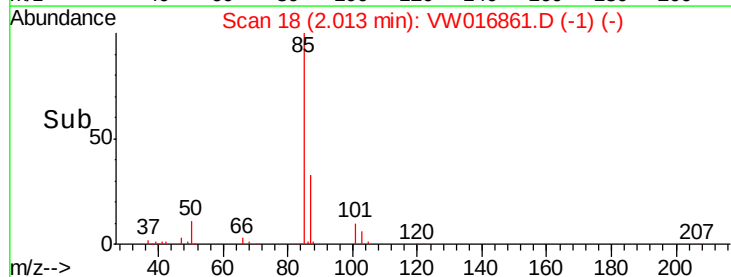
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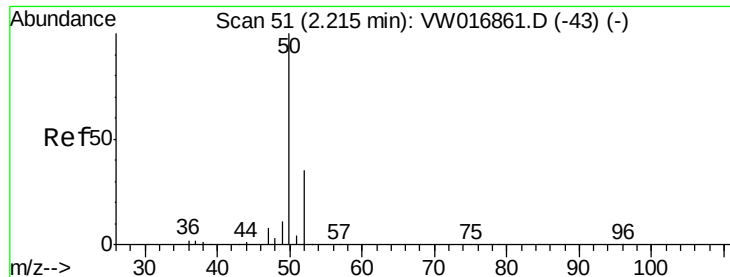
10000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 46.168 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

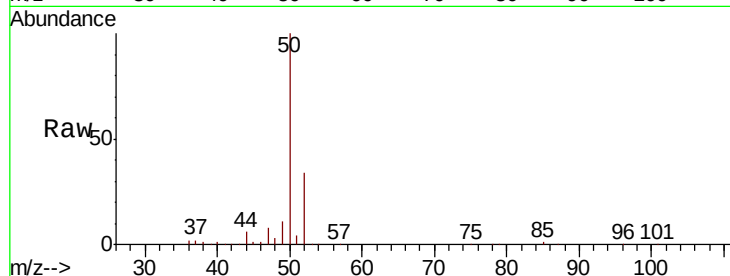
VSTDICCC050

Tot Ion: 50 Resp: 108837

Ion Ratio Lower Upper

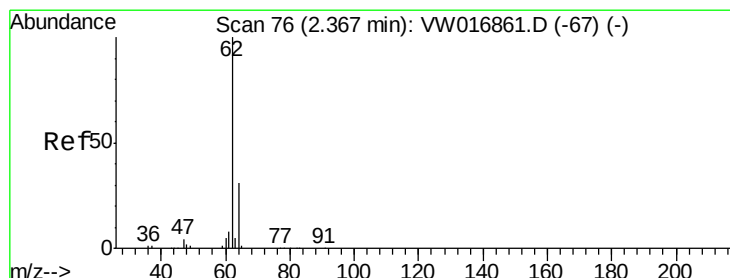
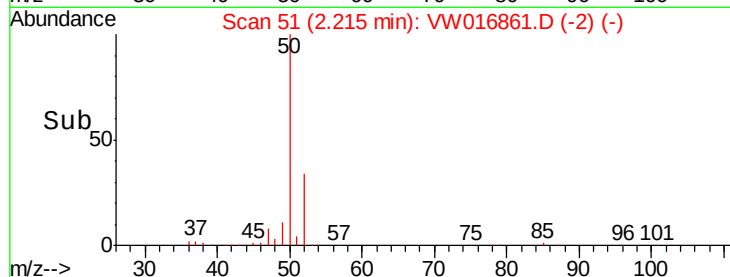
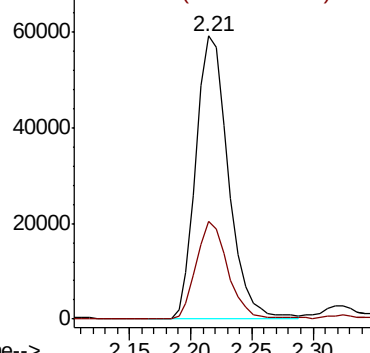
50 100

52 34.5 27.6 41.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 48.049 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016861.D

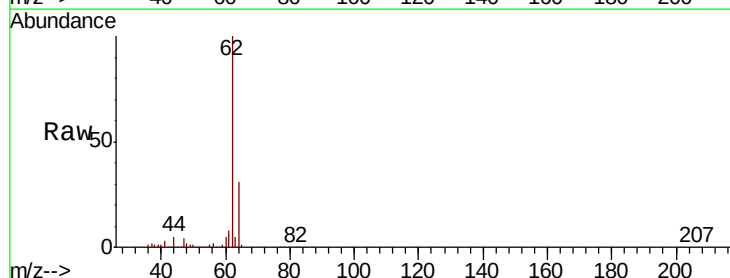
Acq: 09 Oct 2020 15:00

Tgt Ion: 62 Resp: 163801

Ion Ratio Lower Upper

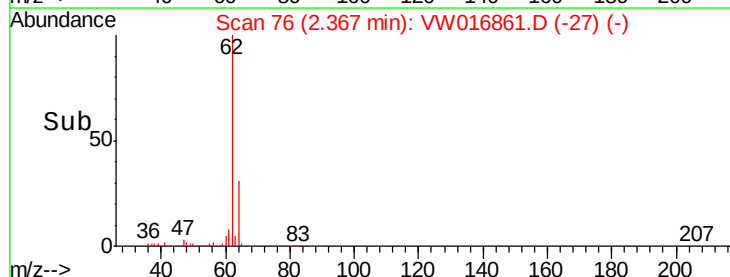
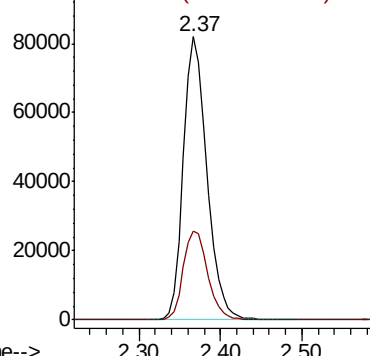
62 100

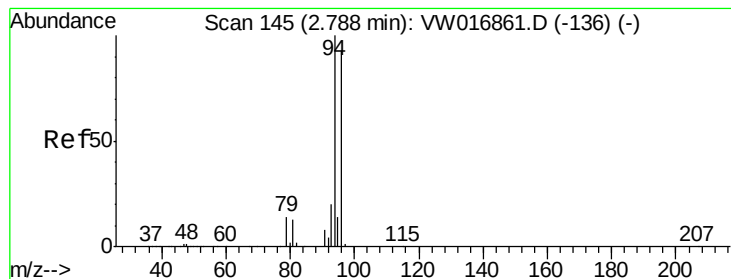
64 31.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 48.400 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

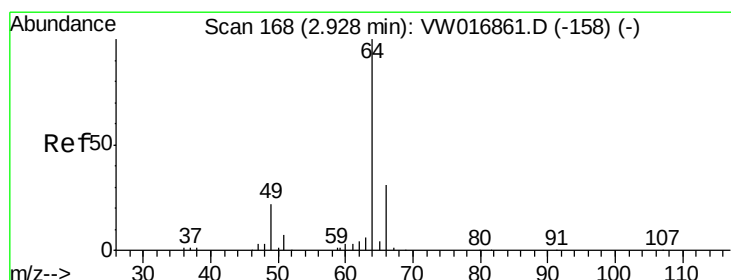
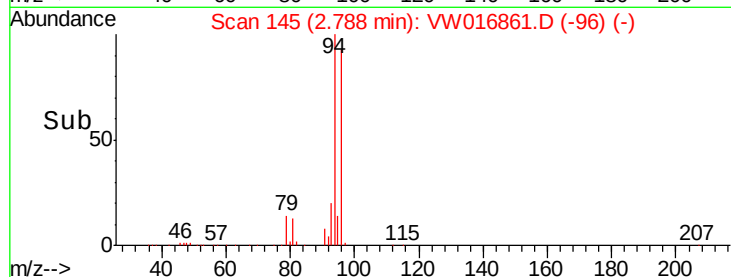
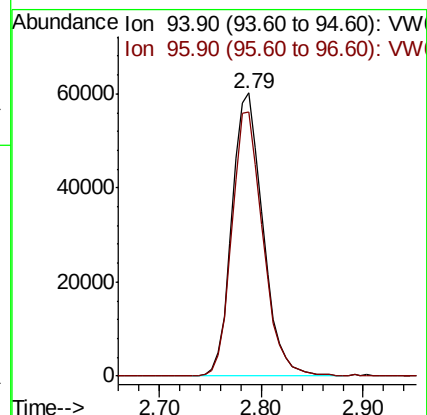
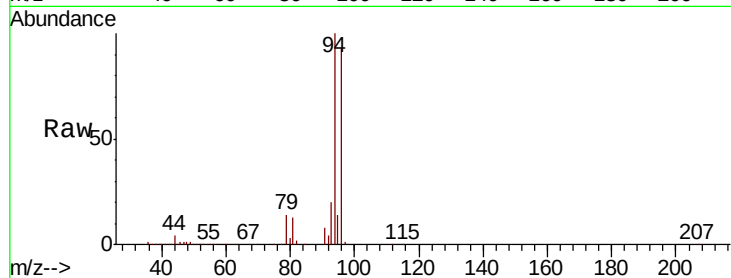
VSTDICCC050

Tot Ion: 94 Resp: 126717

Ion Ratio Lower Upper

94 100

96 93.4 74.7 112.1



#6

Chloroethane

Concen: 49.275 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016861.D

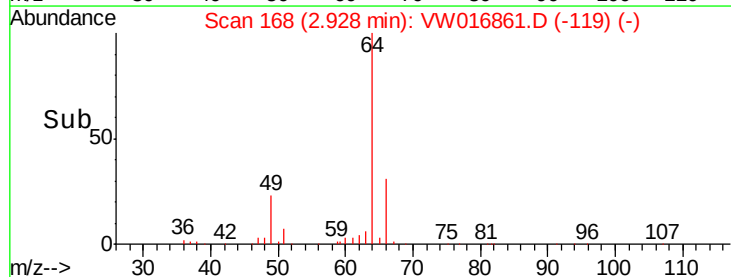
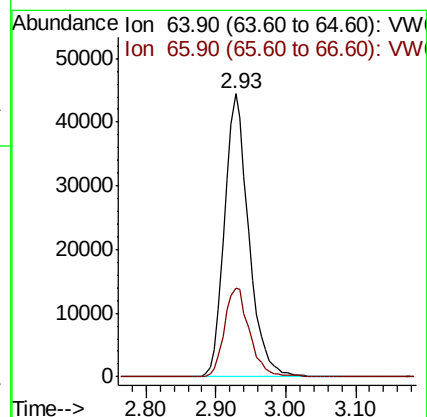
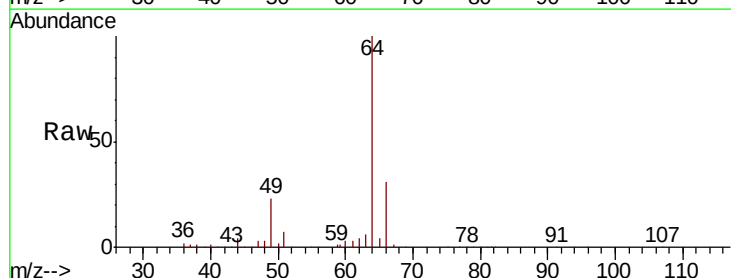
Acq: 09 Oct 2020 15:00

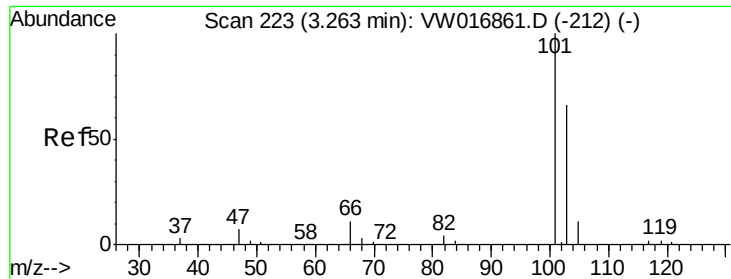
Tgt Ion: 64 Resp: 106900

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6



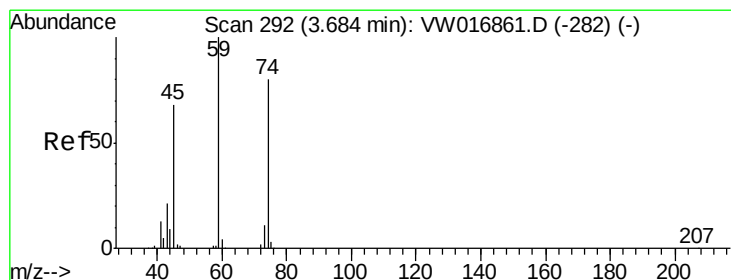
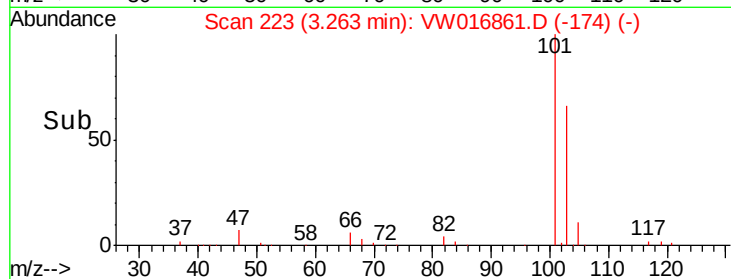
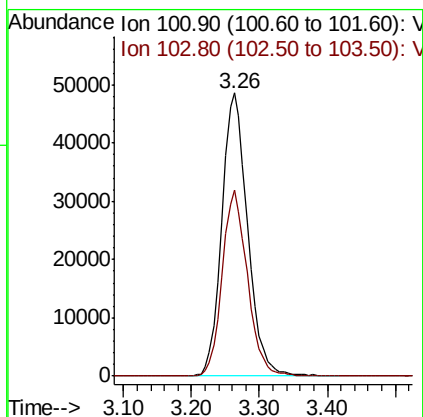
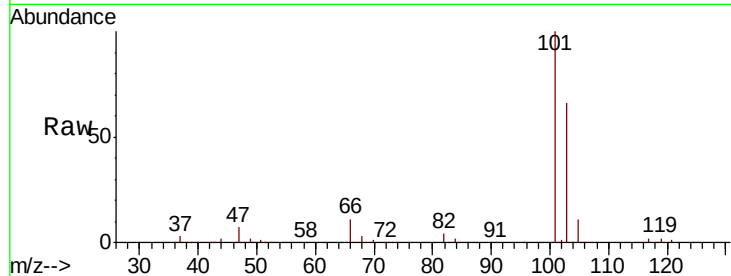


#7

Trichlorofluoromethane
Concen: 51.400 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
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ClientSampleId :
VSTDICCC050

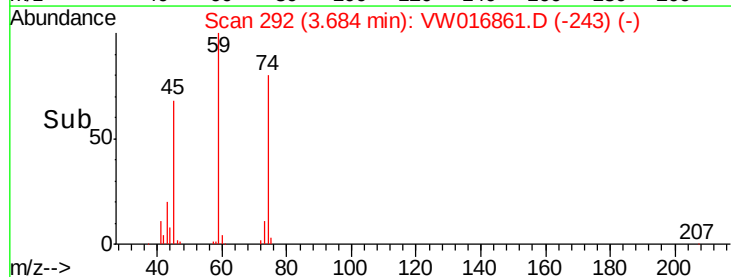
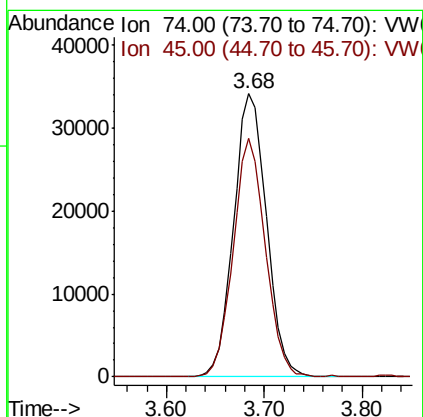
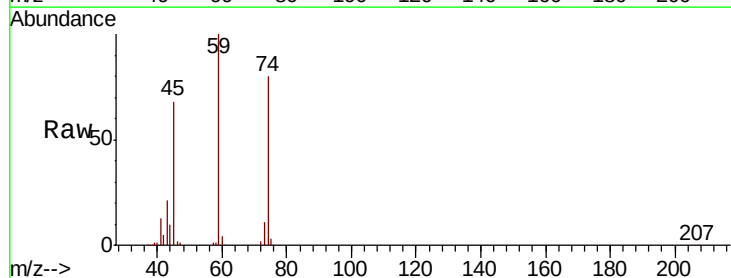
Tot Ion:101 Resp: 127571
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

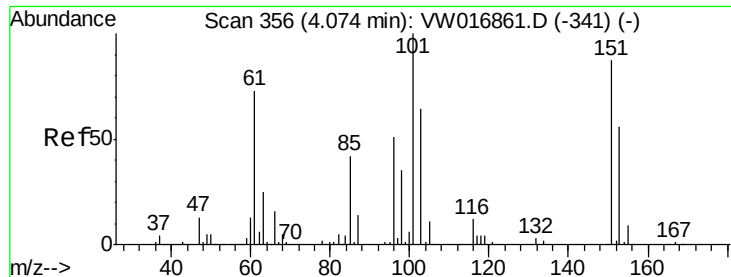


#8

Diethyl Ether
Concen: 51.400 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 74 Resp: 79680
Ion Ratio Lower Upper
74 100
45 82.3 41.1 123.4

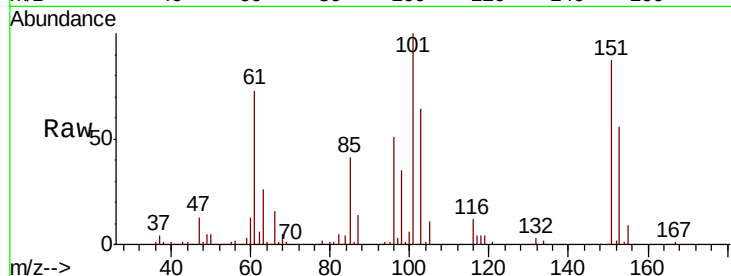




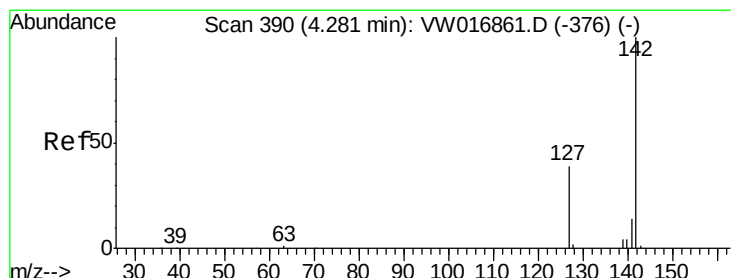
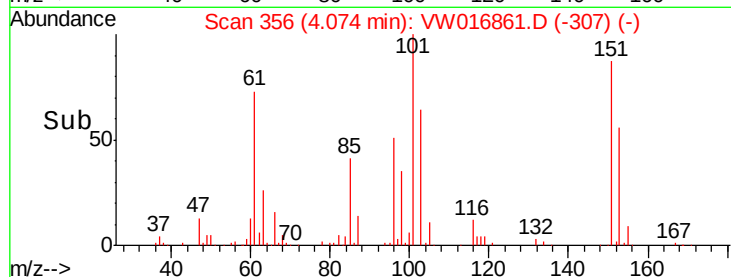
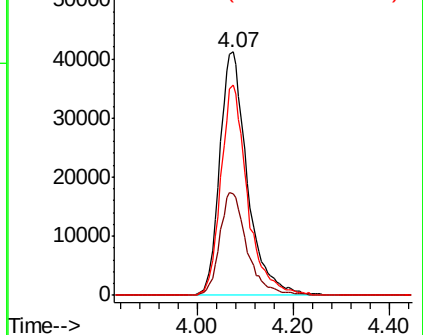
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.103 ug/l
 RT: 4.07 min Scan# 356
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:101 Resp: 164097
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.2 49.8
 151 83.3 66.6 100.0

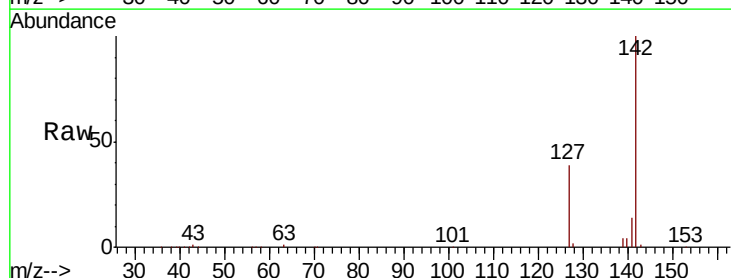


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

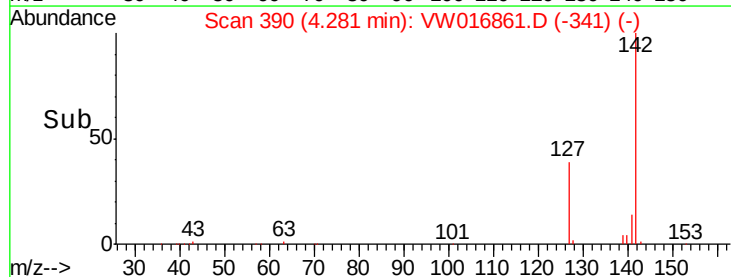
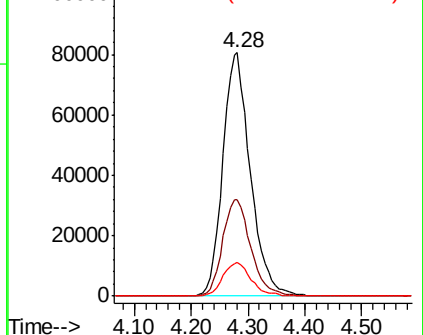


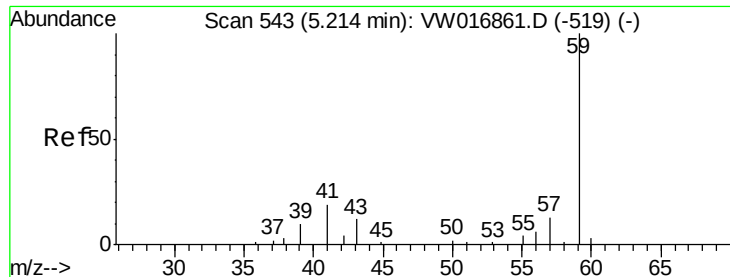
#10
 Methyl Iodide
 Concen: 50.649 ug/l
 RT: 4.28 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion:142 Resp: 270604
 Ion Ratio Lower Upper
 142 100
 127 40.5 32.4 48.6
 141 14.2 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



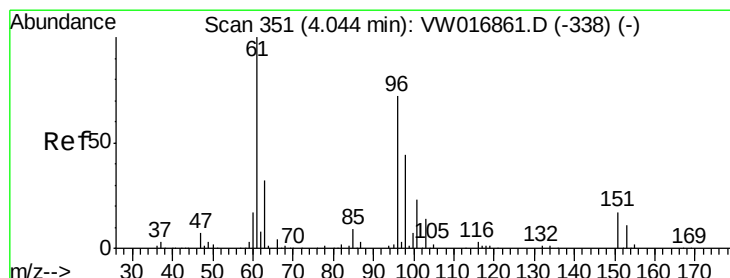
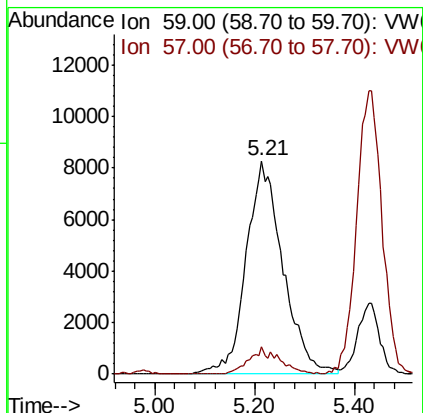
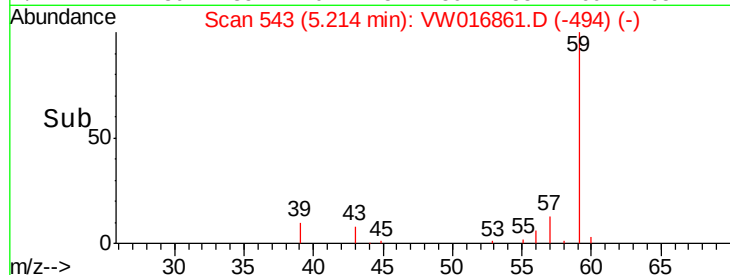
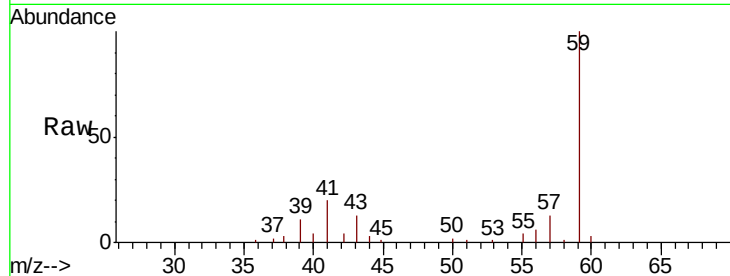


#11

Tert butyl alcohol
 Concen: 249.351 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

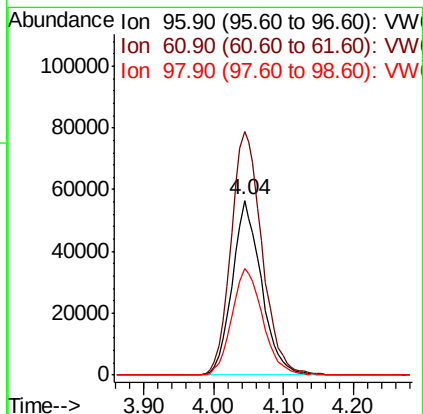
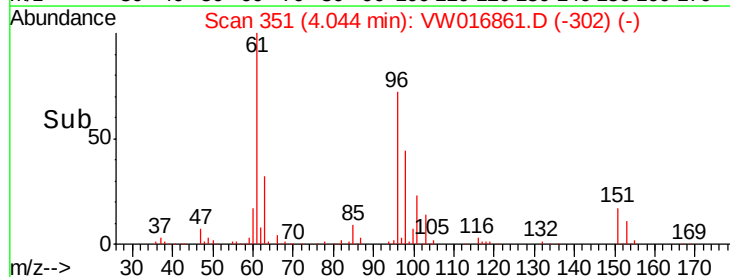
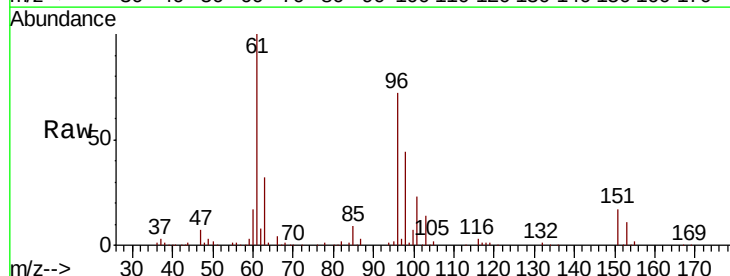
Tot Ion: 59 Resp: 42211
 Ion Ratio Lower Upper
 59 100
 57 5.9 4.7 7.1

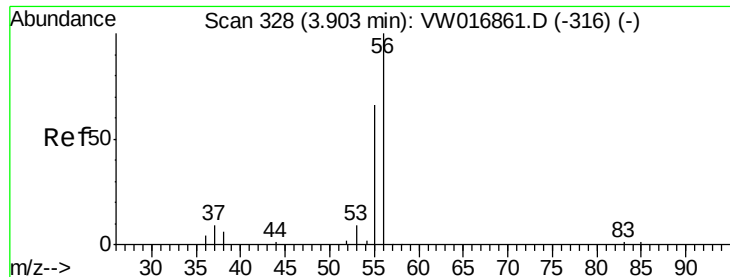


#12

1,1-Dichloroethene
 Concen: 49.595 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion: 96 Resp: 163601
 Ion Ratio Lower Upper
 96 100
 61 139.6 111.7 167.5
 98 61.2 49.0 73.4





#13

Acrolein

Concen: 241.850 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

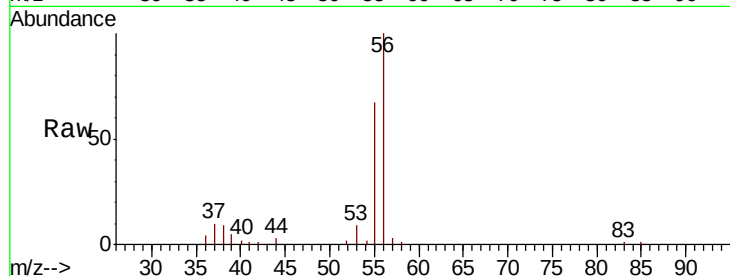
VSTDICCC050

Tot Ion: 56 Resp: 51234

Ion Ratio Lower Upper

56 100

55 69.9 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

20000

15000

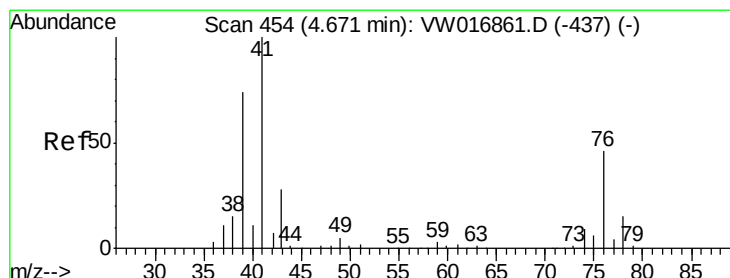
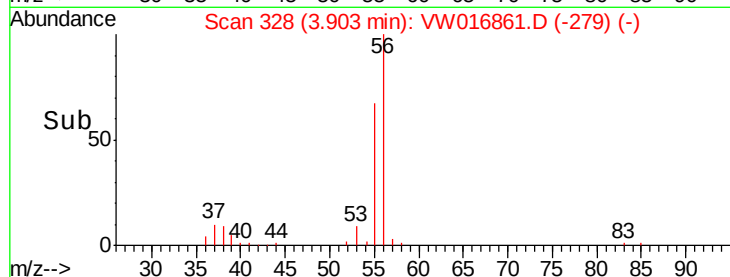
10000

5000

0

3.80 3.90 4.00

Time-->



#14

Allyl chloride

Concen: 51.323 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

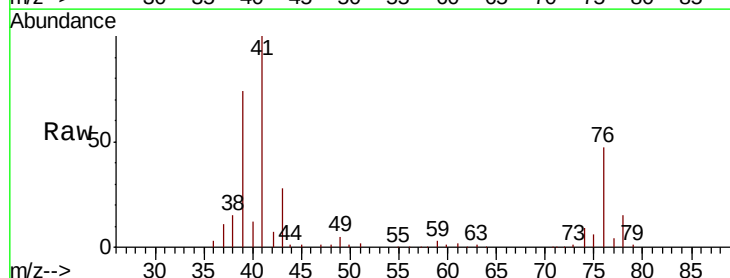
Tgt Ion: 41 Resp: 202656

Ion Ratio Lower Upper

41 100

39 72.3 57.8 86.8

76 43.9 35.1 52.7



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

80000

60000

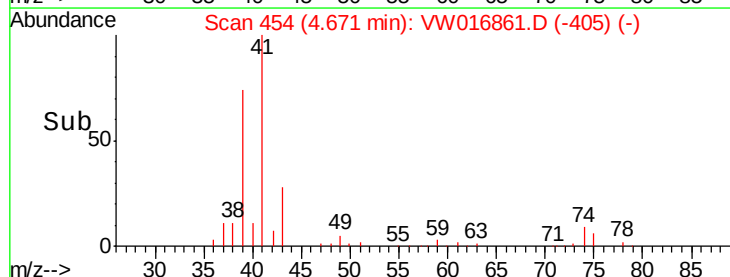
40000

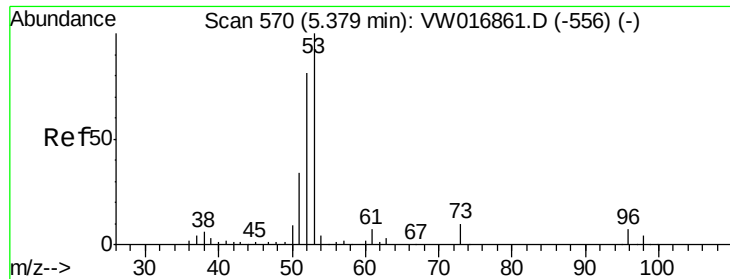
20000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 270.251 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

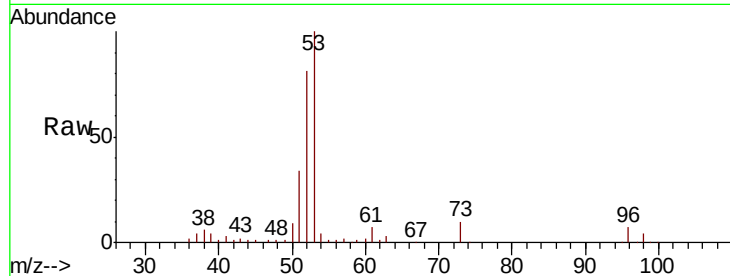
Tot Ion: 53 Resp: 139452

Ion Ratio Lower Upper

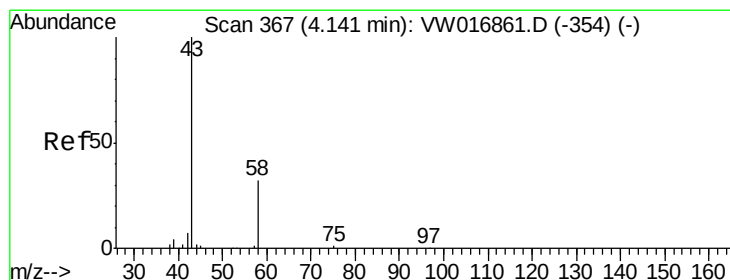
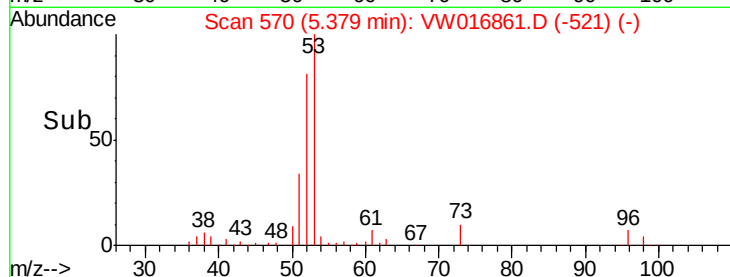
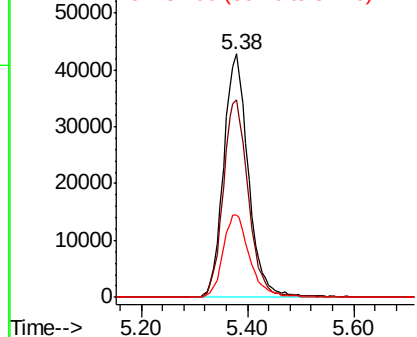
53 100

52 81.2 65.0 97.4

51 36.4 29.1 43.7



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



#16

Acetone

Concen: 262.214 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW016861.D

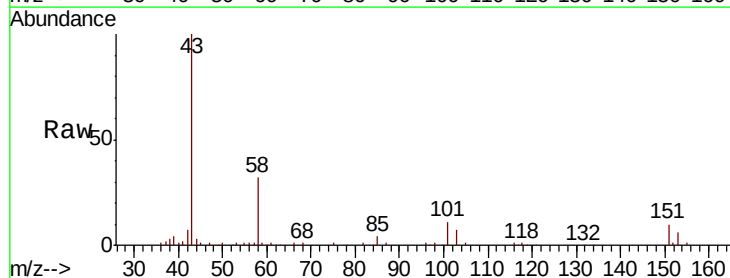
Acq: 09 Oct 2020 15:00

Tgt Ion: 43 Resp: 136168

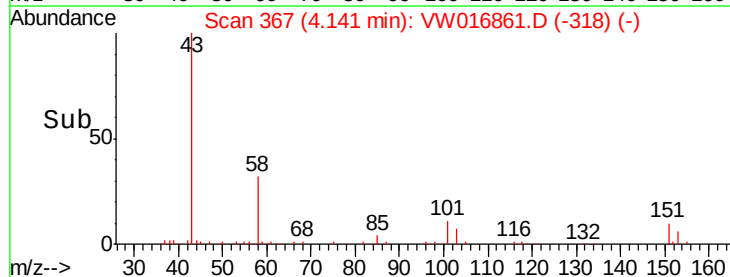
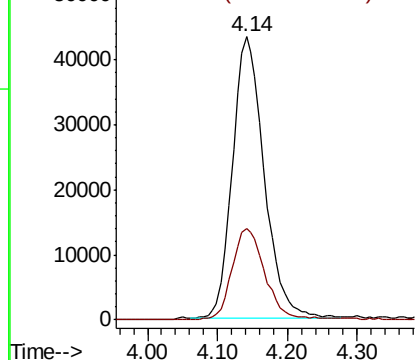
Ion Ratio Lower Upper

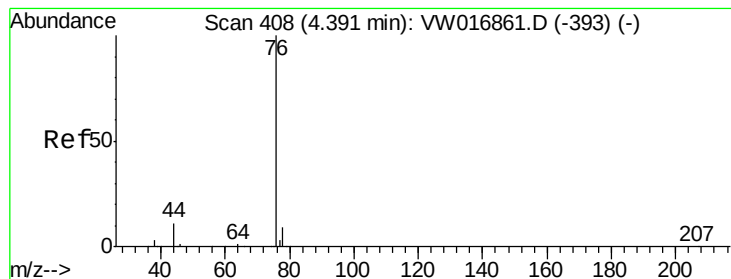
43 100

58 32.1 25.7 38.5



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





#17

Carbon Disulfide

Concen: 50.285 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

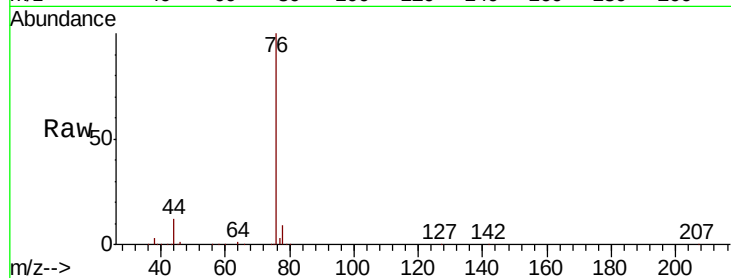
VSTDICCC050

Tot Ion: 76 Resp: 441325

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

150000

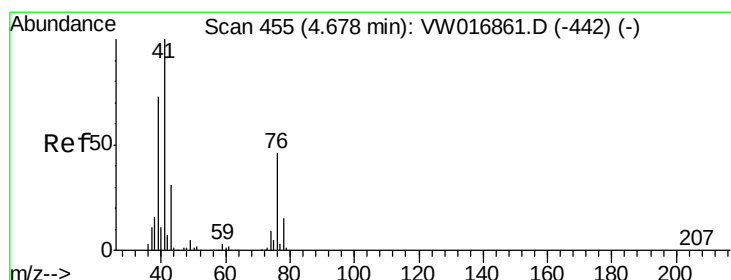
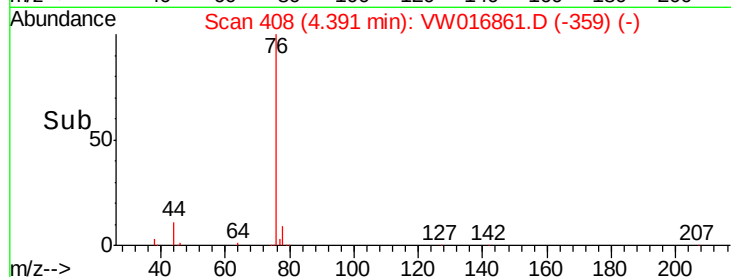
100000

50000

0

4.20 4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 52.258 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW016861.D

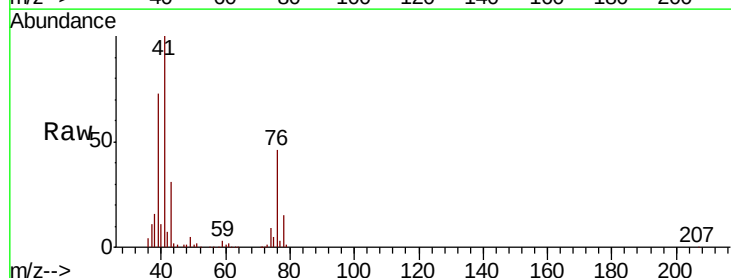
Acq: 09 Oct 2020 15:00

Tgt Ion: 43 Resp: 62243

Ion Ratio Lower Upper

43 100

74 29.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

15000

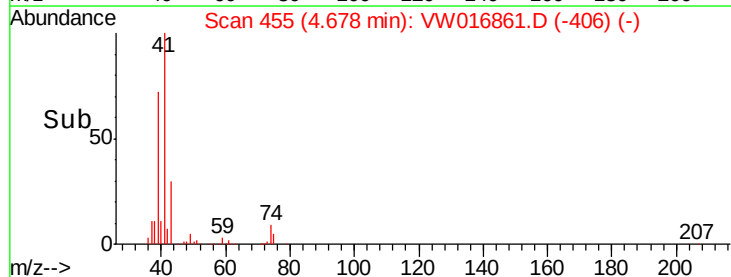
10000

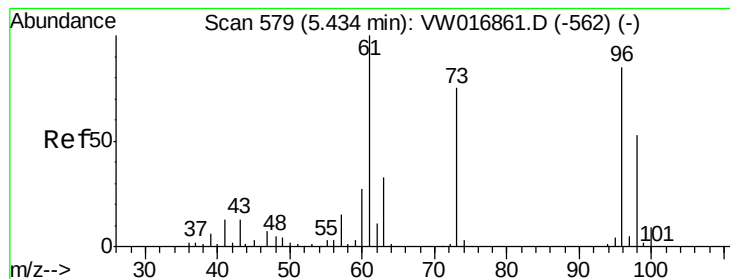
5000

0

4.50 4.60 4.70 4.80 4.90

Time-->



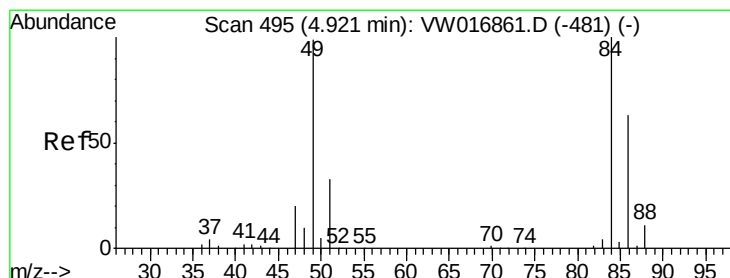
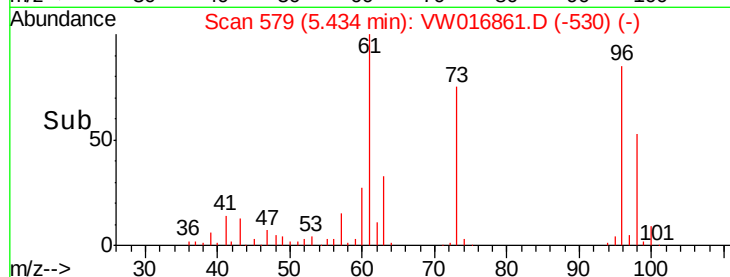
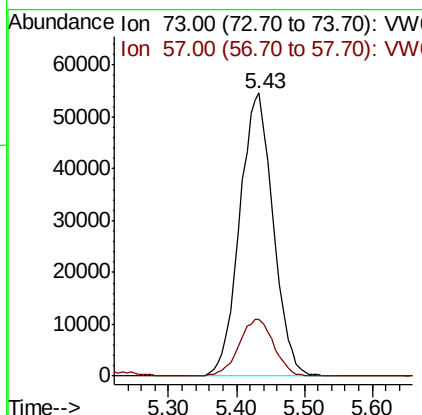
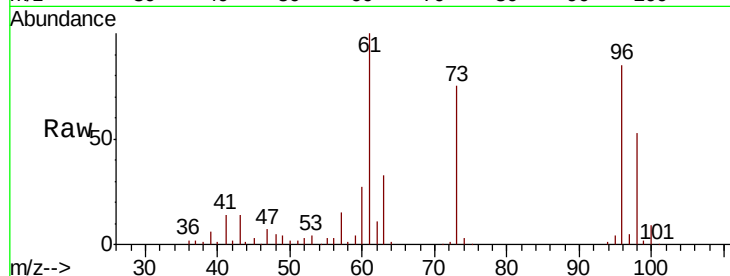


#19

Methyl tert-butyl Ether
 Concen: 52.569 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

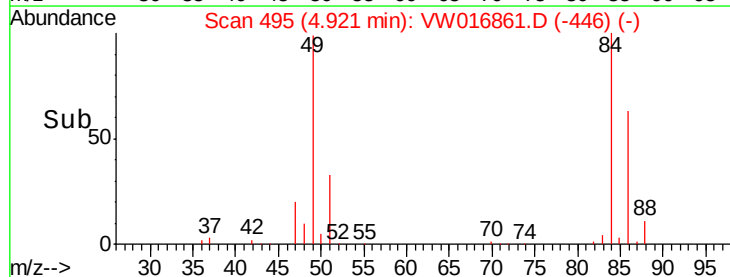
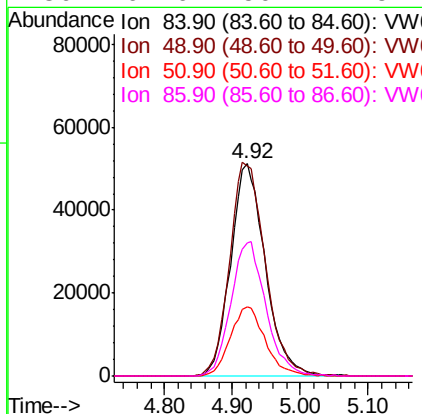
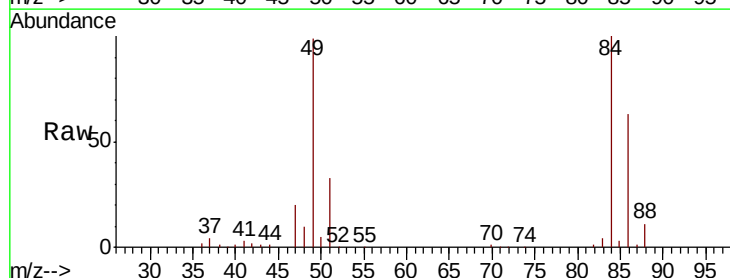
Tot Ion: 73 Resp: 186900
 Ion Ratio Lower Upper
 73 100
 57 20.1 16.1 24.1

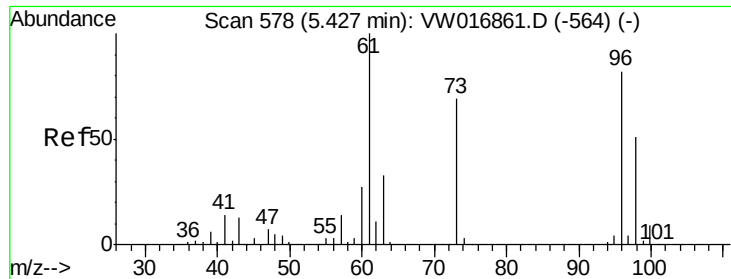


#20

Methylene Chloride
 Concen: 43.900 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion: 84 Resp: 180653
 Ion Ratio Lower Upper
 84 100
 49 98.8 79.0 118.6
 51 32.6 26.1 39.1
 86 62.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 50.965 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

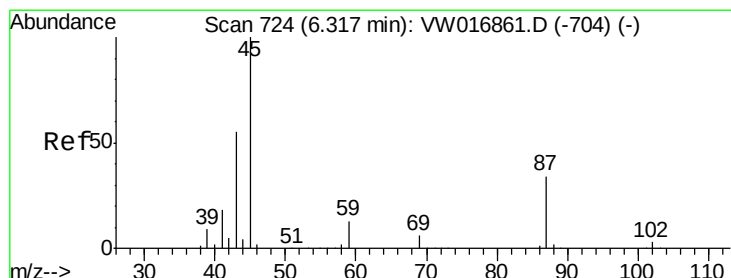
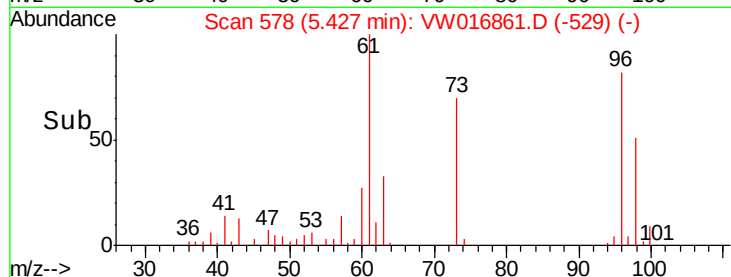
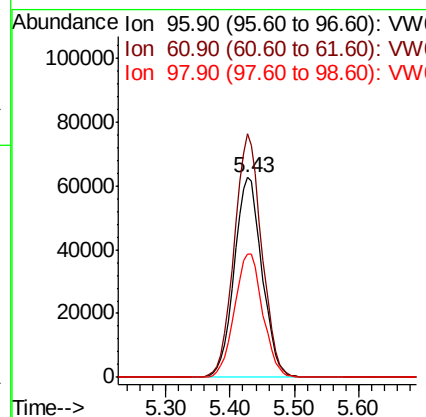
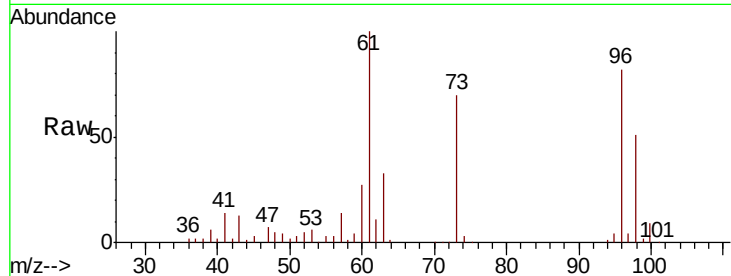
Tot Ion: 96 Resp: 188734

Ion Ratio Lower Upper

96 100

61 121.7 97.4 146.0

98 61.7 49.4 74.0



#22

Diisopropyl ether

Concen: 51.642 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Tgt Ion: 45 Resp: 370613

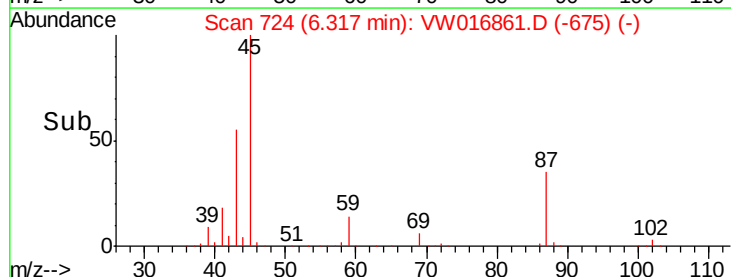
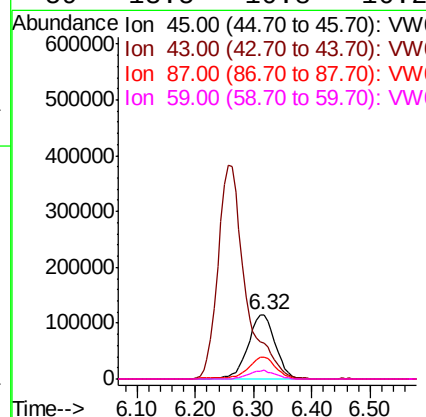
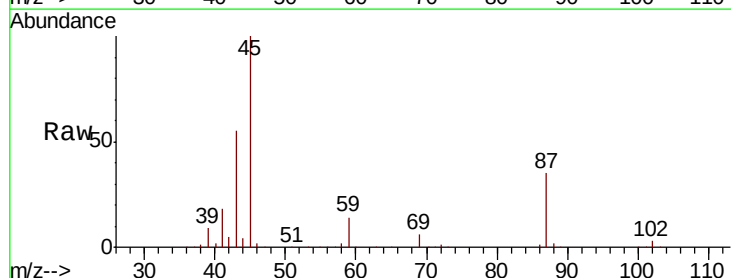
Ion Ratio Lower Upper

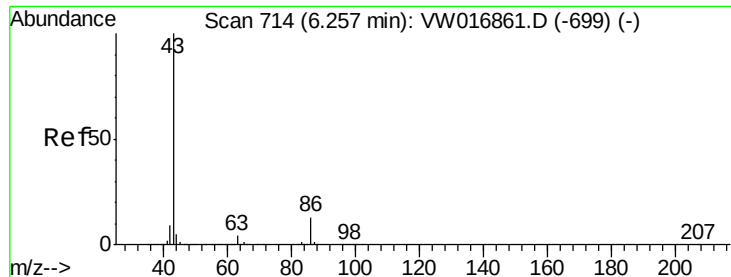
45 100

43 54.8 43.8 65.8

87 34.5 27.6 41.4

59 13.5 10.8 16.2





#23

Vinyl Acetate

Concen: 271.257 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

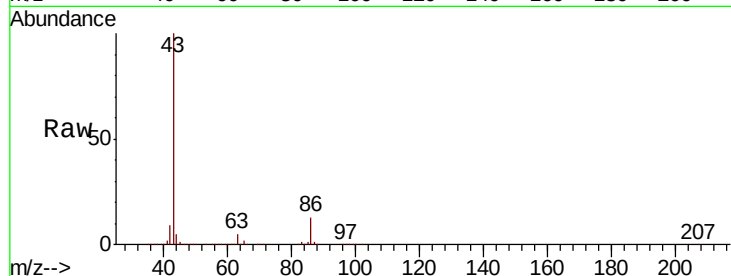
VSTDICCC050

Tot Ion: 43 Resp: 1247376

Ion Ratio Lower Upper

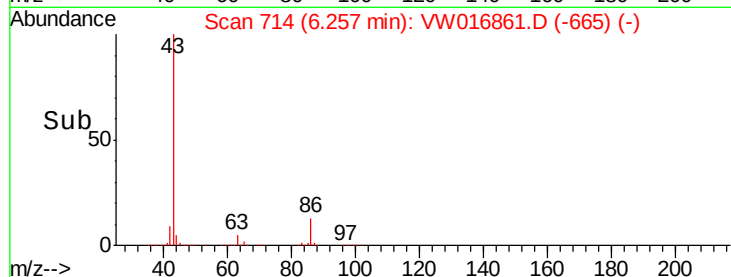
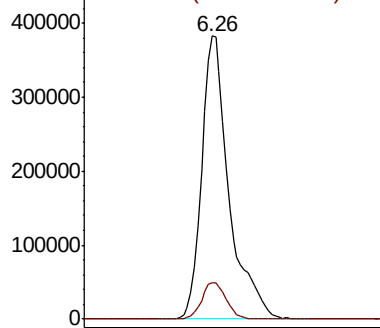
43 100

86 12.8 10.2 15.4

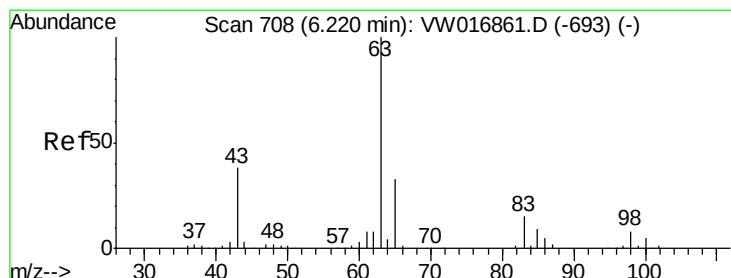


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 50.216 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

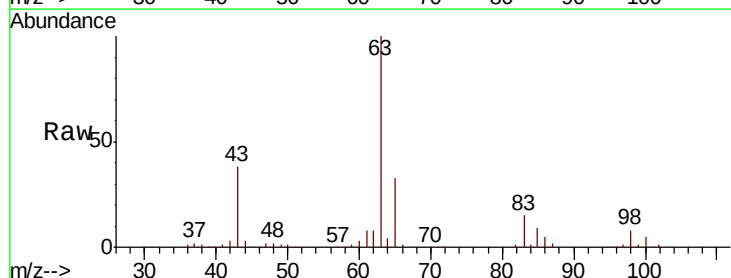
Tgt Ion: 63 Resp: 285759

Ion Ratio Lower Upper

63 100

98 8.4 4.2 12.6

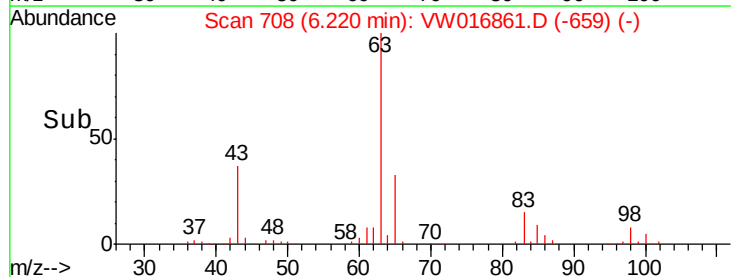
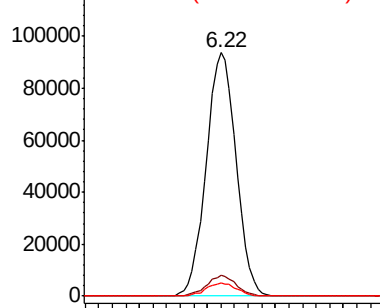
100 5.2 2.6 7.8



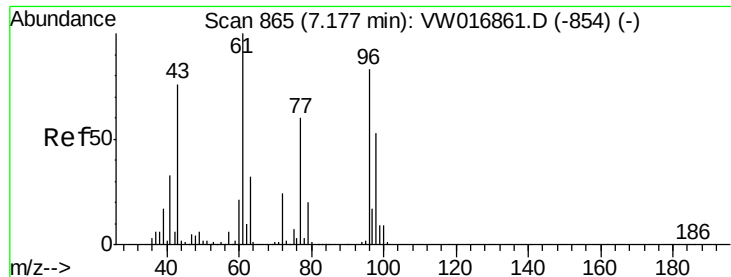
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->



#25

2-Butanone

Concen: 271.978 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

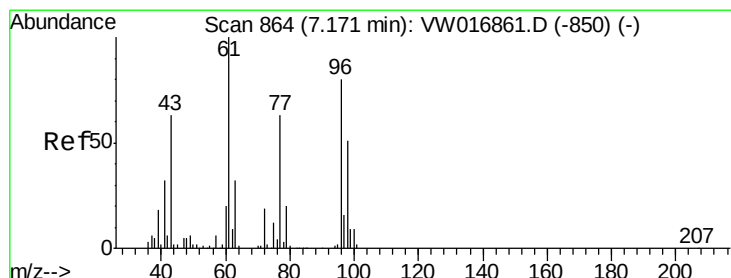
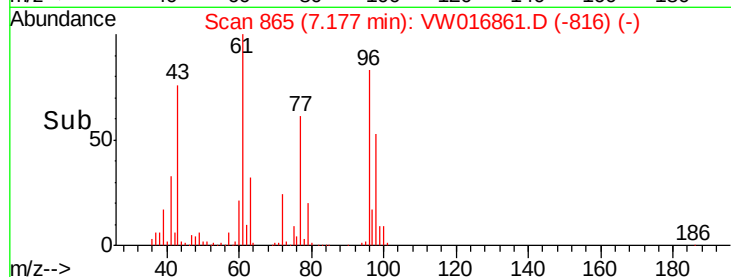
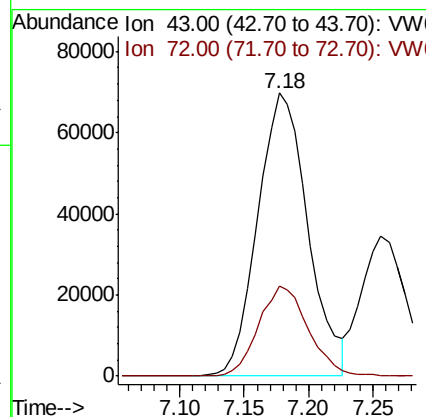
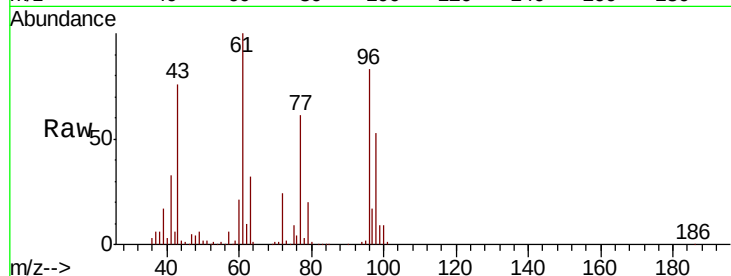
VSTDICCC050

Tot Ion: 43 Resp: 188293

Ion Ratio Lower Upper

43 100

72 31.8 25.4 38.2



#26

2,2-Dichloropropane

Concen: 49.422 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016861.D

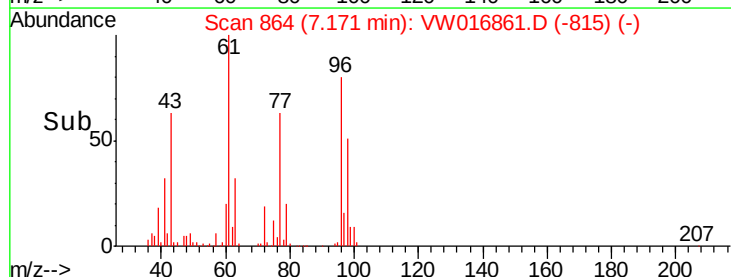
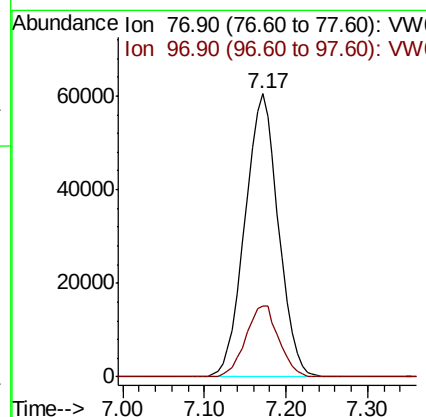
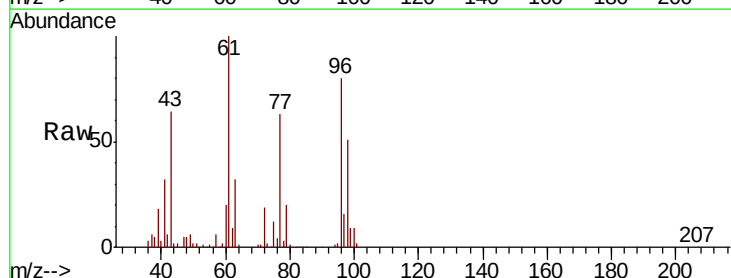
Acq: 09 Oct 2020 15:00

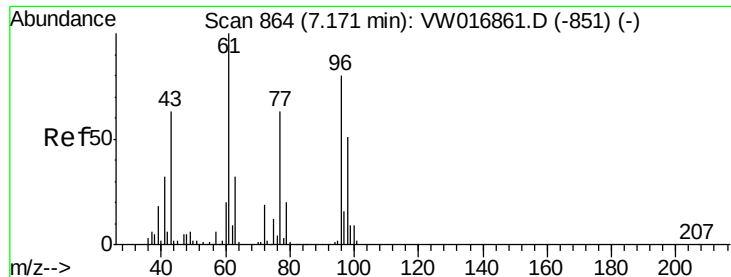
Tgt Ion: 77 Resp: 172068

Ion Ratio Lower Upper

77 100

97 24.9 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 50.793 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

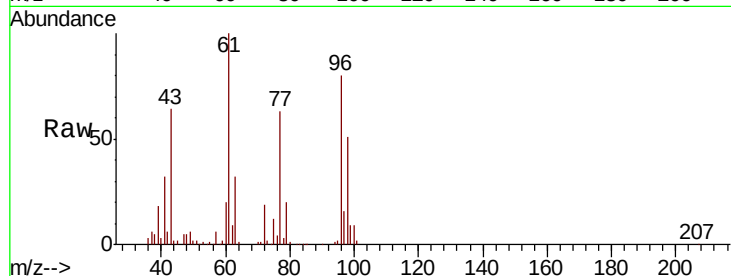
Tot Ion: 96 Resp: 201459

Ion Ratio Lower Upper

96 100

61 124.8 0.0 249.6

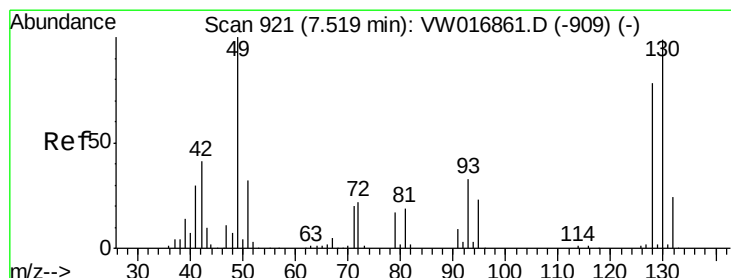
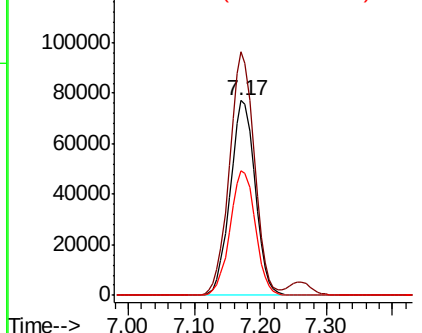
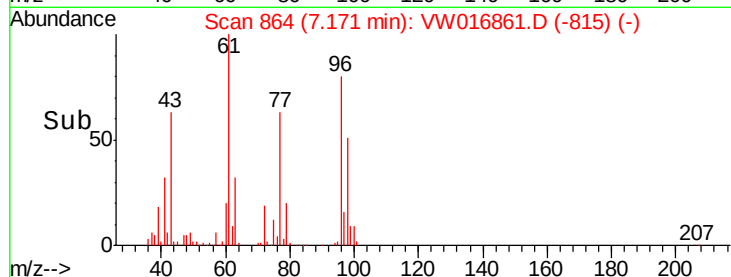
98 64.7 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 53.180 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

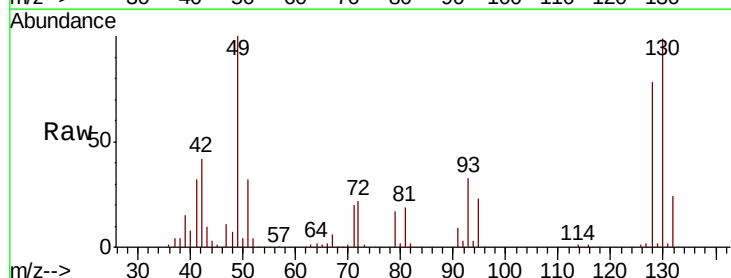
Tgt Ion: 49 Resp: 121120

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

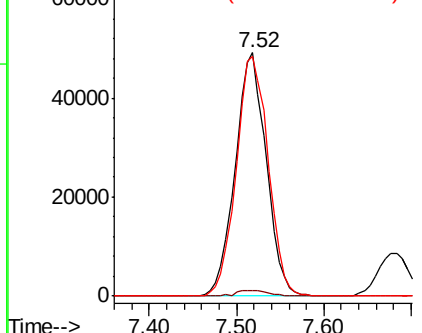
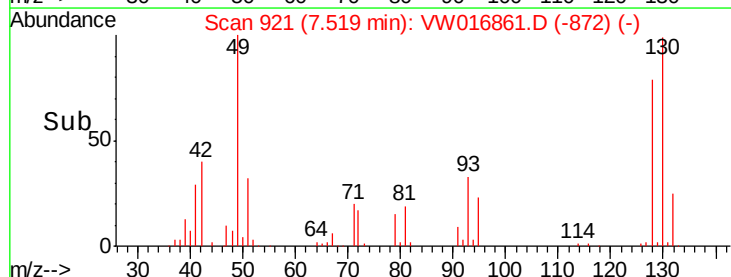
130 101.6 81.3 121.9

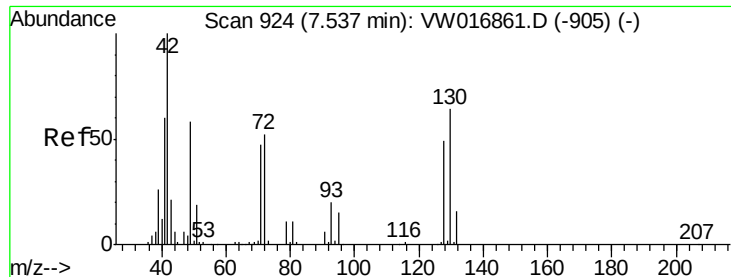


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

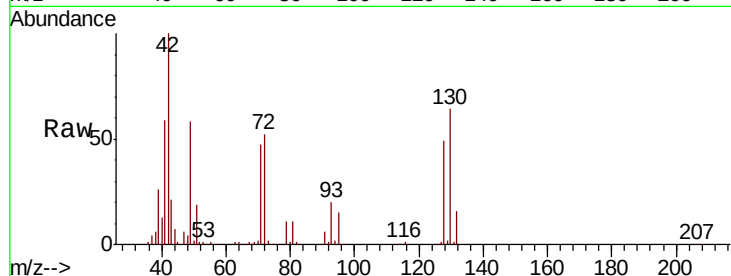




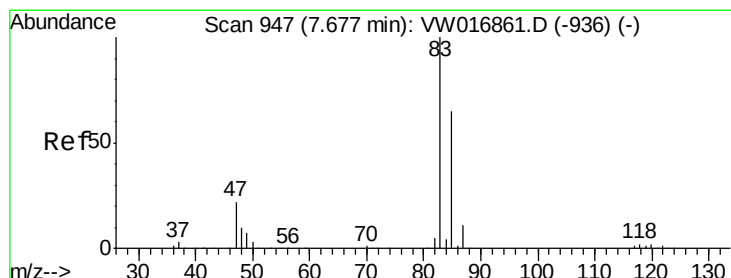
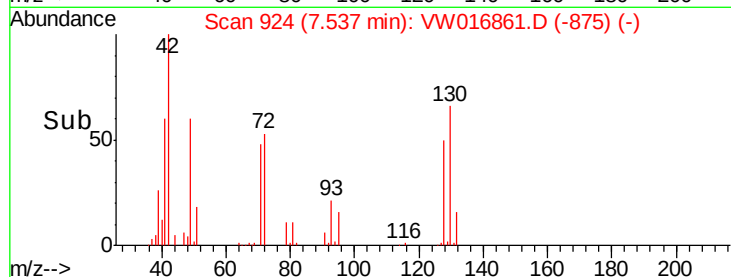
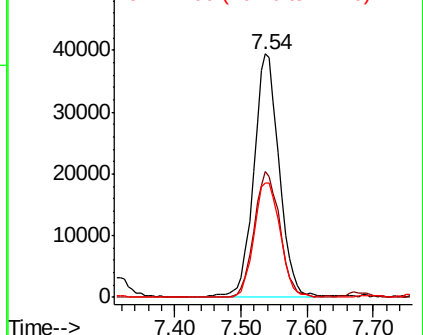
#29
Tetrahydrofuran
Concen: 271.166 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 42 Resp: 105153
Ion Ratio Lower Upper
42 100
72 52.5 42.0 63.0
71 48.8 39.0 58.6

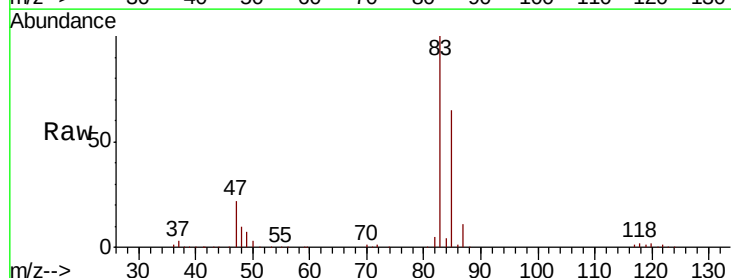


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

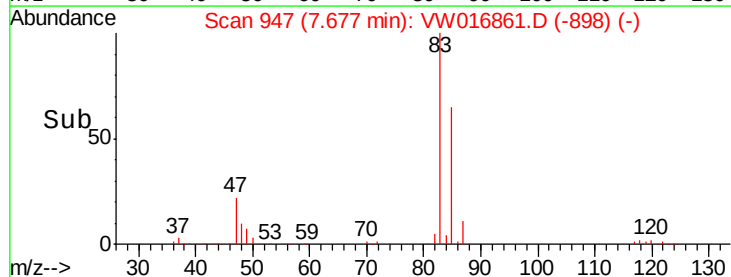
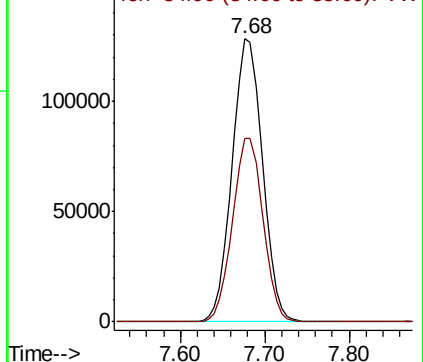


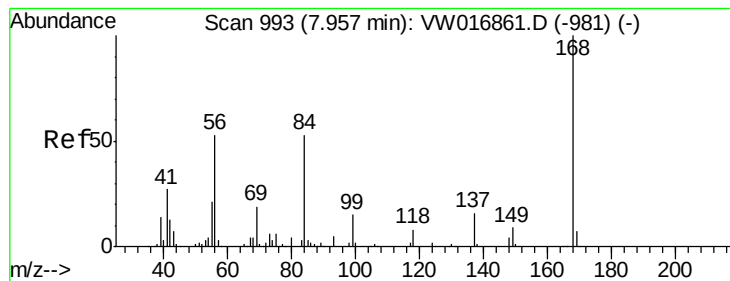
#30
Chloroform
Concen: 50.692 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 83 Resp: 313602
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5



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





#31

Cyclohexane

Concen: 47.159 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

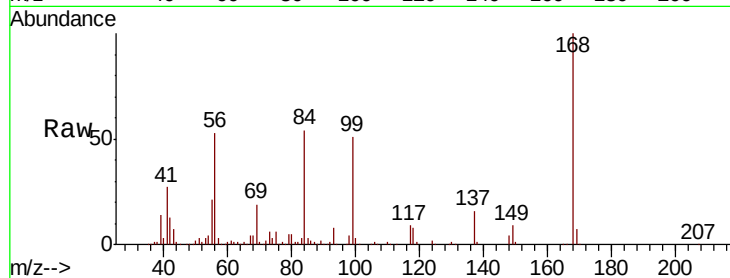
Tot Ion: 56 Resp: 228906

Ion Ratio Lower Upper

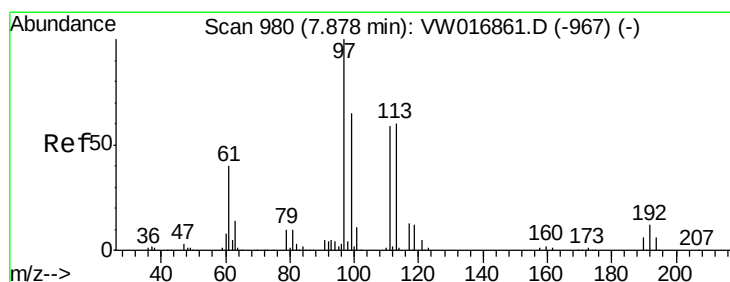
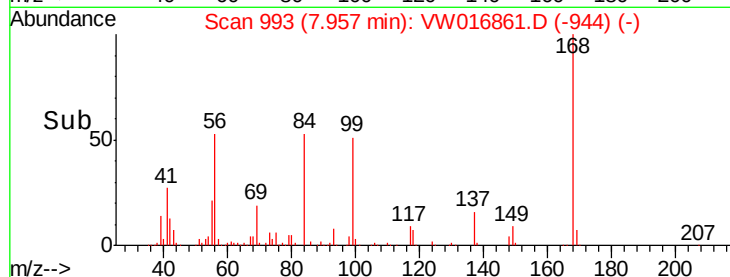
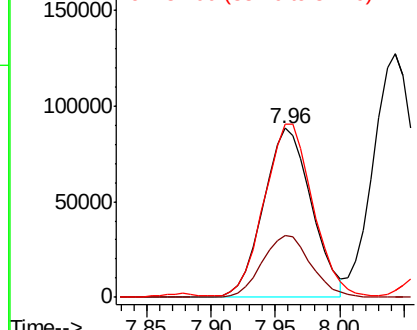
56 100

69 36.6 29.3 43.9

84 100.6 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: 50.230 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

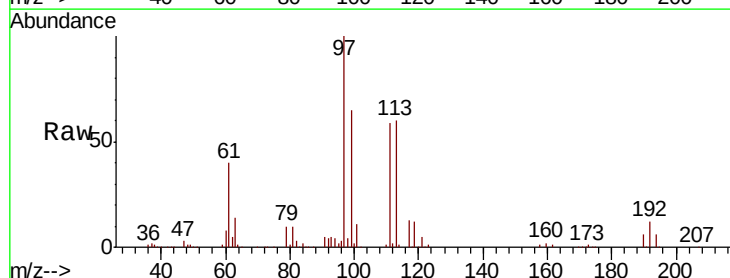
Tgt Ion: 97 Resp: 262109

Ion Ratio Lower Upper

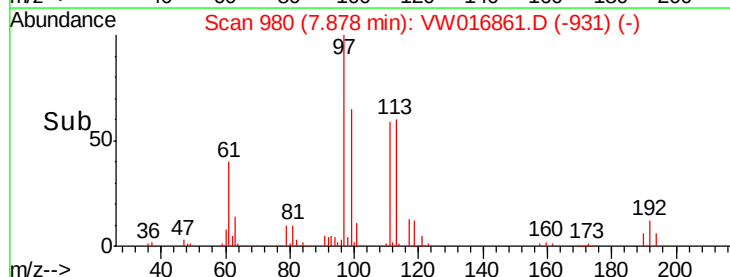
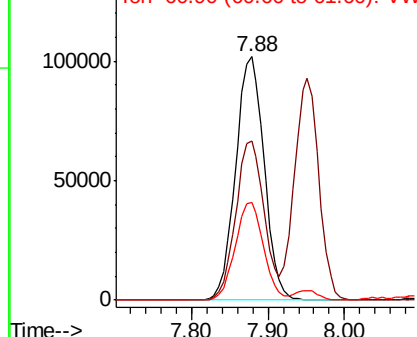
97 100

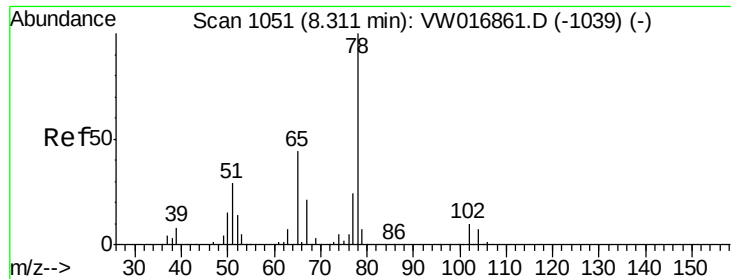
99 65.5 52.4 78.6

61 39.9 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

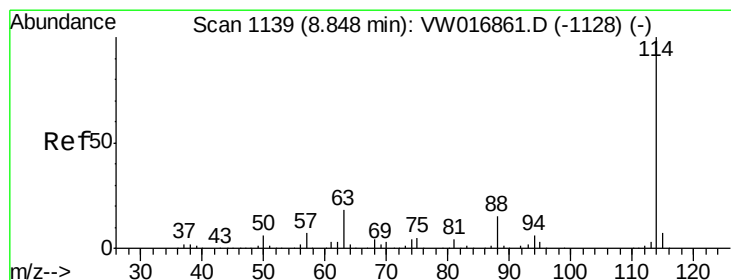
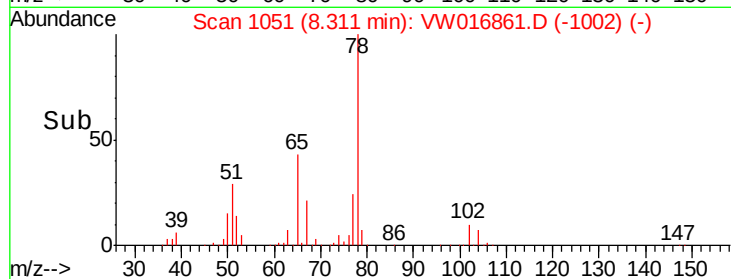
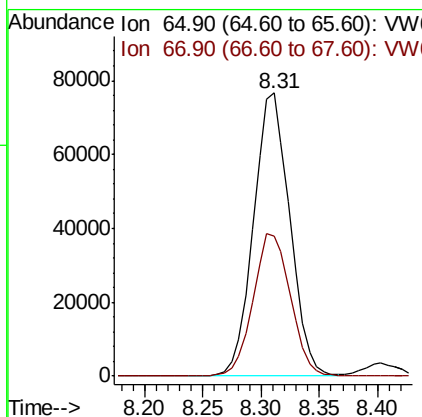
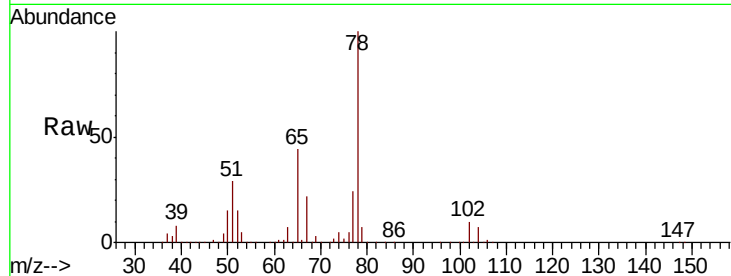




#33
 1,2-Dichloroethane-d4
 Concen: 51.632 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

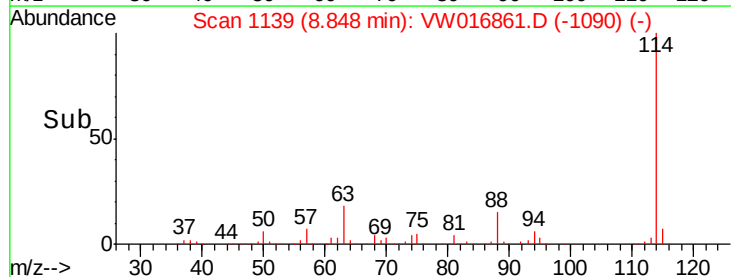
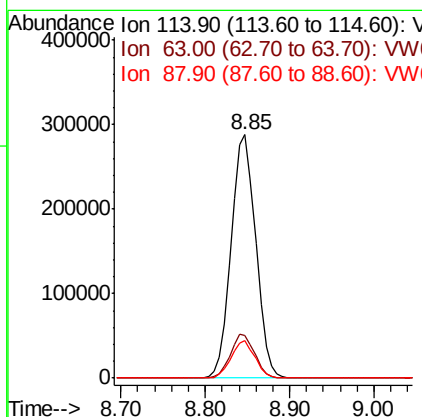
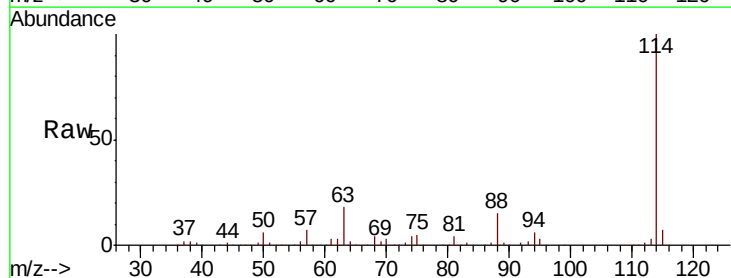
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

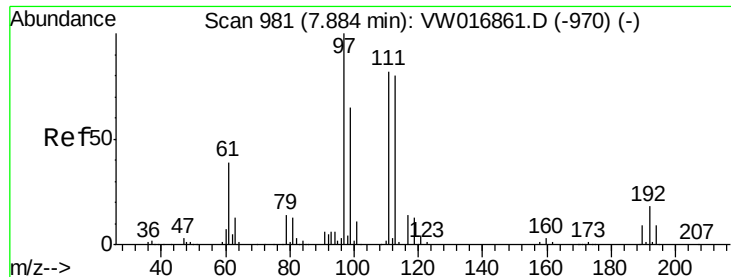
Tot Ion: 65 Resp: 165550
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion: 114 Resp: 569204
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 15.2 0.0 30.4

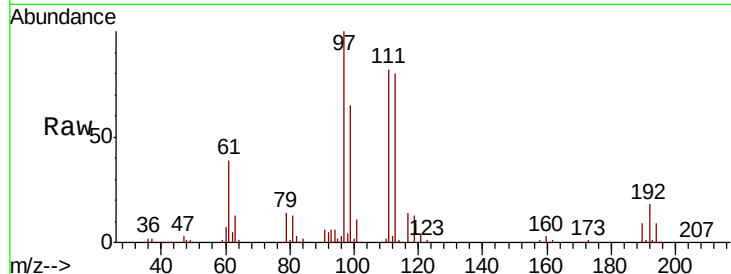




#35
 Dibromofluoromethane
 Concen: 50.675 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	22.3	17.8	26.8

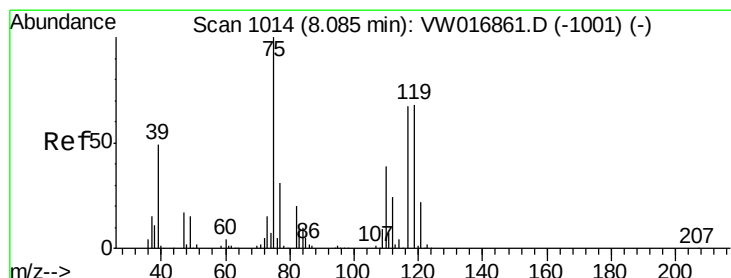
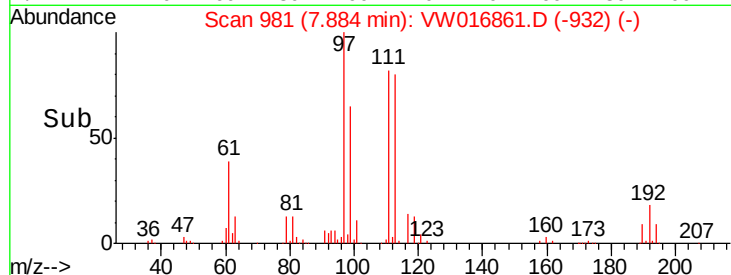
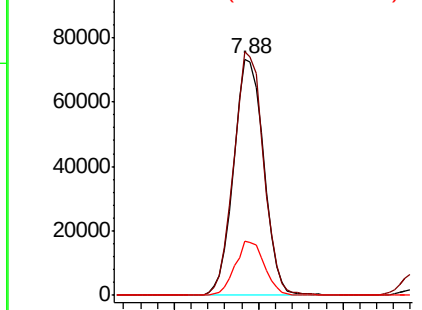


Abundance

Ion 112.80 (112.50 to 113.50): V

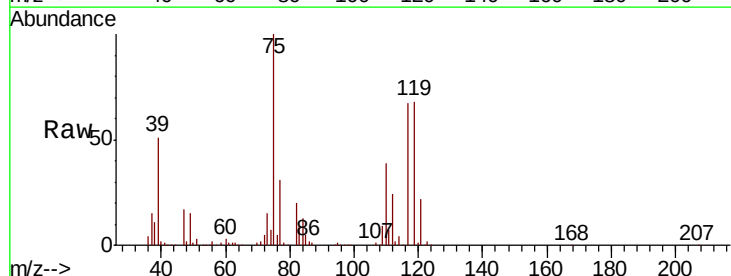
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 49.902 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.3	57.9
77	31.3	25.0	37.6

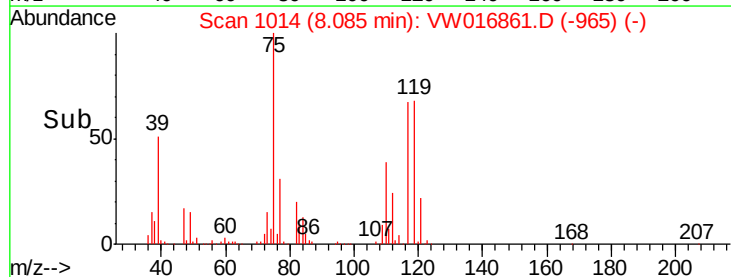
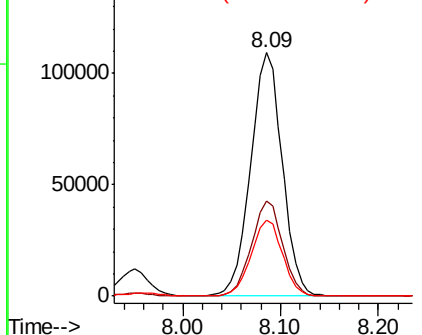


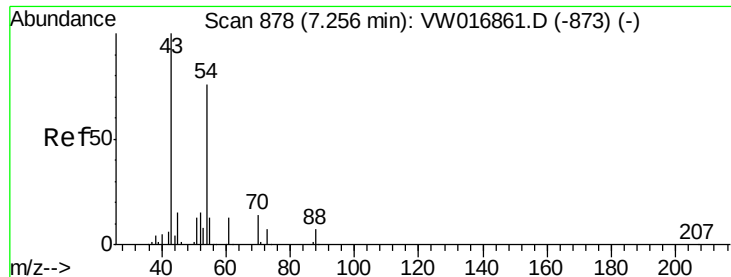
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

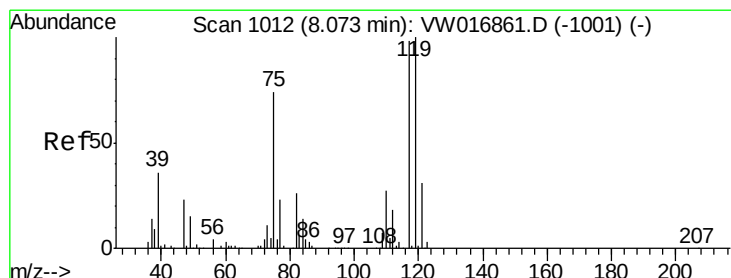
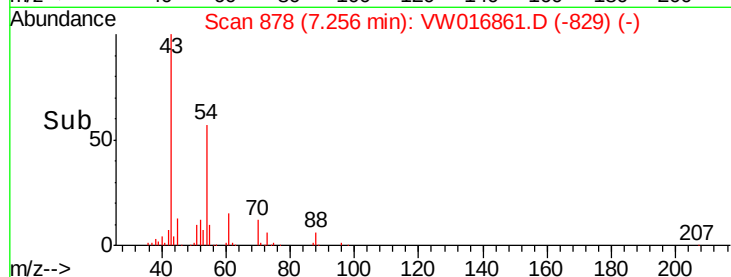
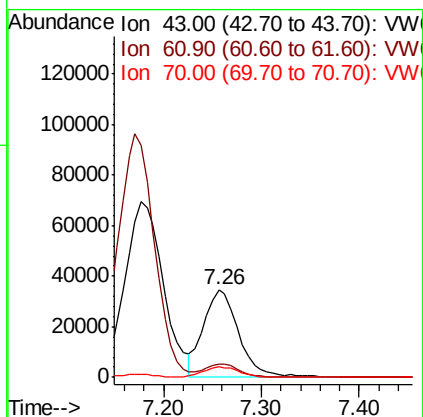
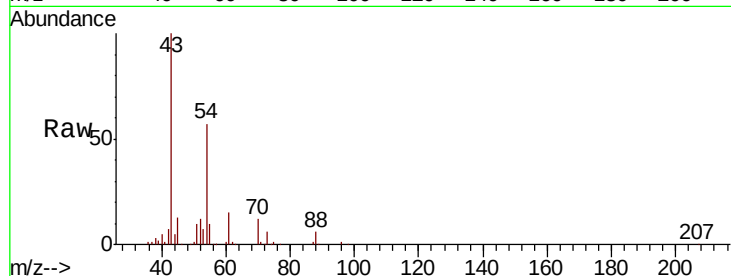




#37
Ethyl Acetate
Concen: 53.253 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

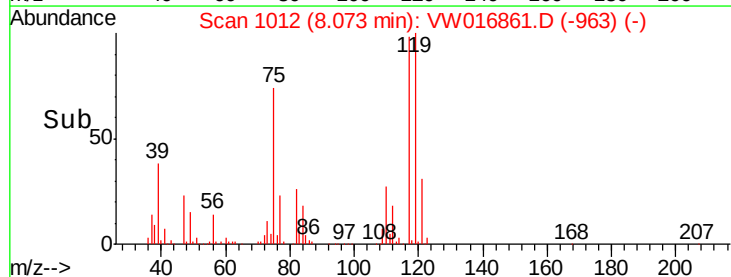
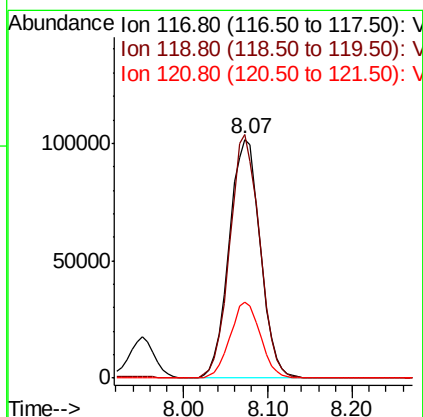
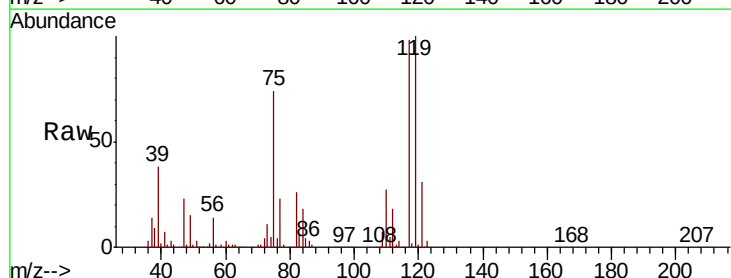
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

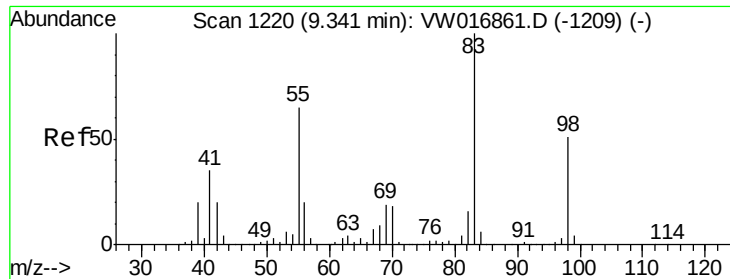
Tot Ion: 43 Resp: 85615
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 12.4 9.9 14.9



#38
Carbon Tetrachloride
Concen: 49.640 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 117 Resp: 253973
Ion Ratio Lower Upper
117 100
119 102.0 81.6 122.4
121 32.1 25.7 38.5

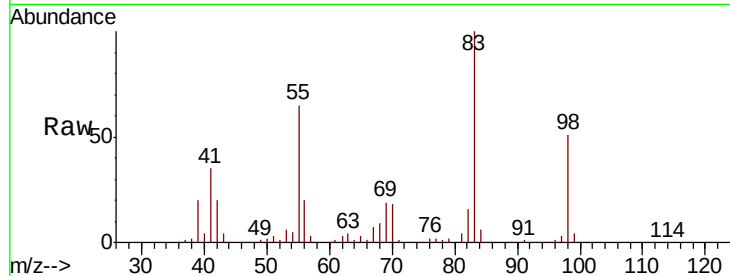




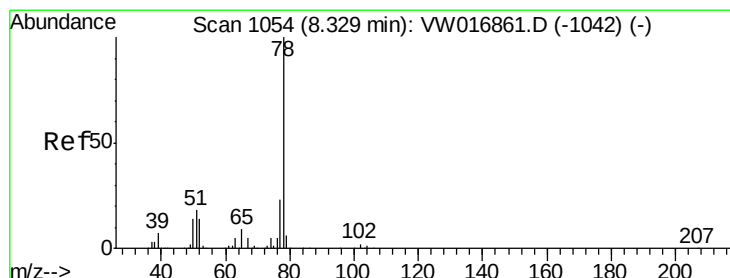
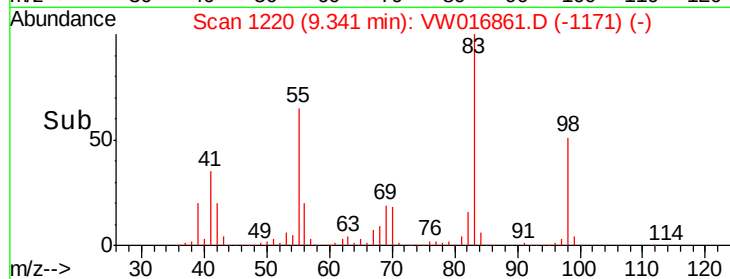
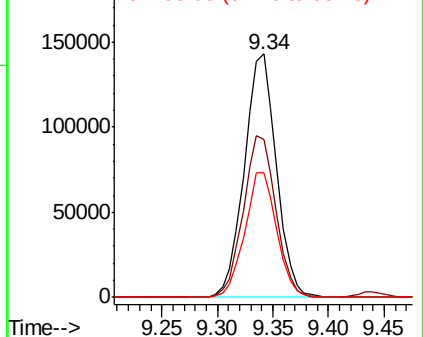
#39
Methylvlcyclohexane
Concen: 50.975 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 286042
Ion Ratio Lower Upper
83 100
55 64.6 51.7 77.5
98 51.2 41.0 61.4

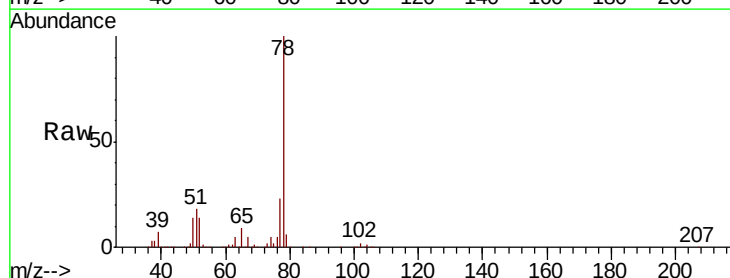


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

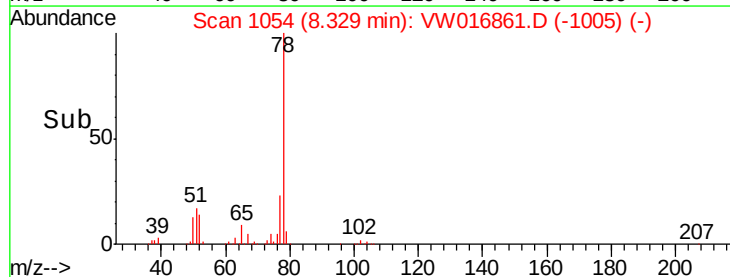
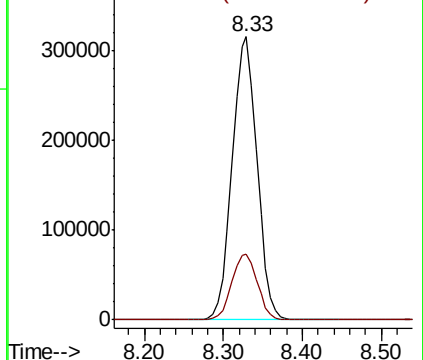


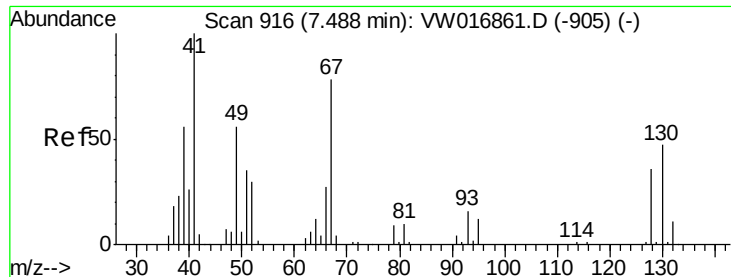
#40
Benzene
Concen: 50.427 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 78 Resp: 691395
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7



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

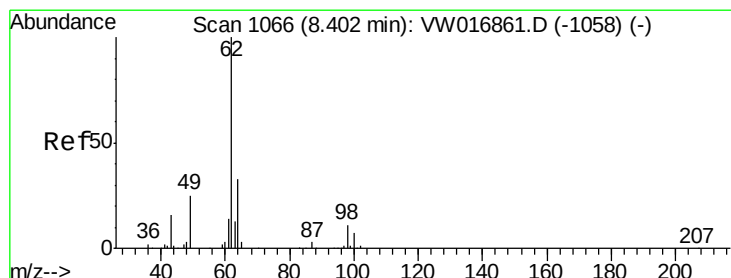
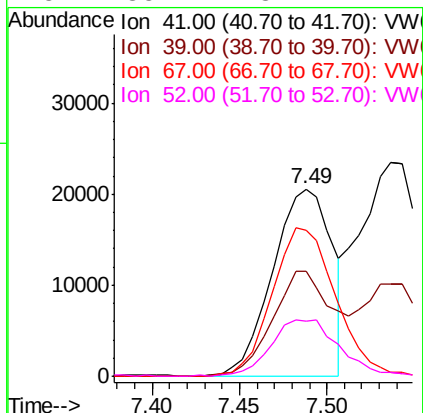
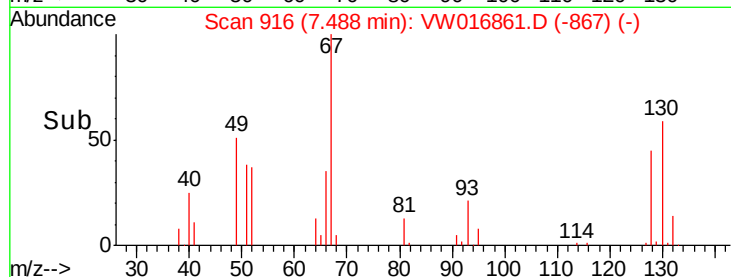
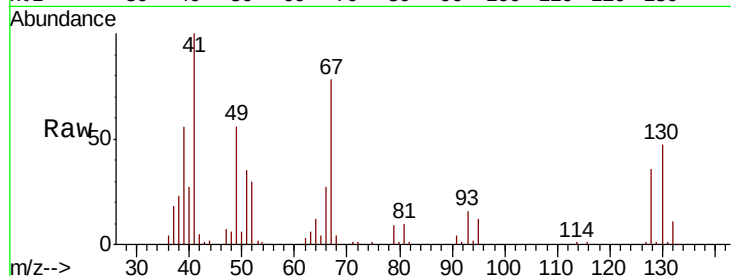




#41
Methacrylonitrile
Concen: 70.659 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

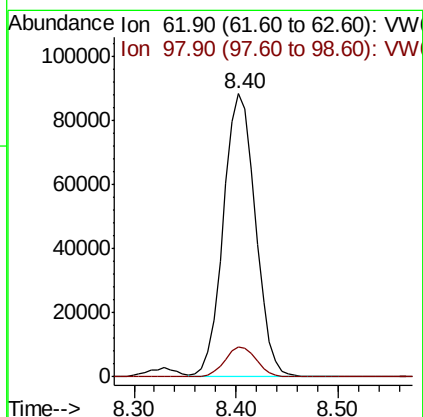
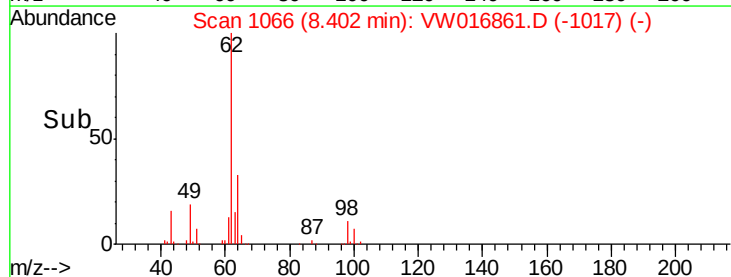
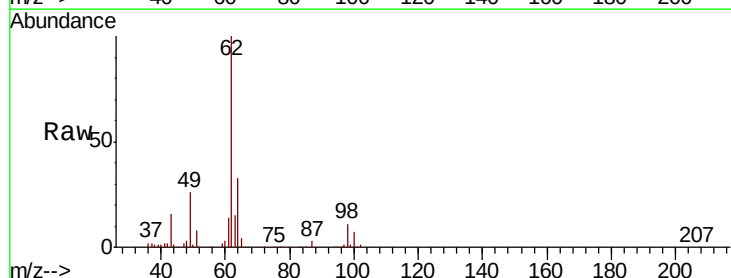
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

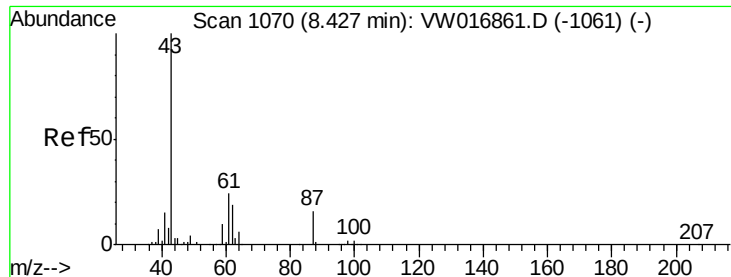
Tot Ion: 41 Resp: 48743
Ion Ratio Lower Upper
41 100
39 58.8 47.0 70.6
67 85.7 68.6 102.8
52 35.1 28.1 42.1



#42
1,2-Dichloroethane
Concen: 51.166 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 62 Resp: 191893
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.0





#43

Isopropyl Acetate

Concen: 53.628 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

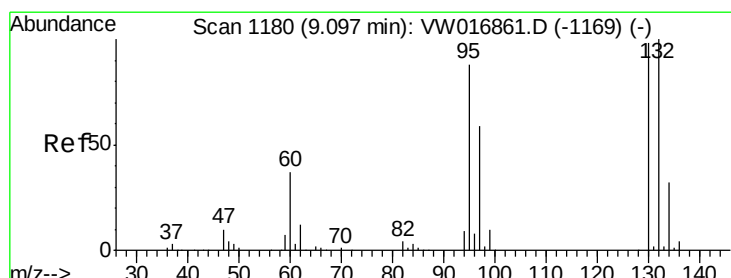
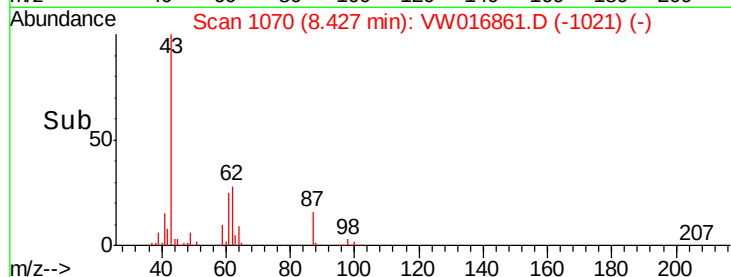
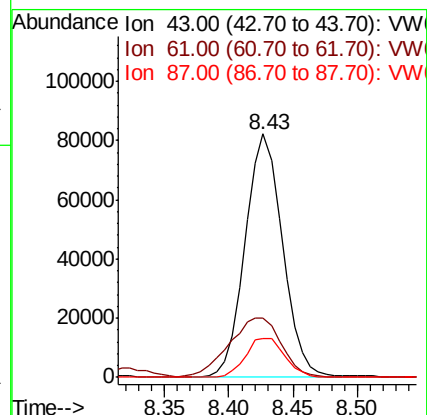
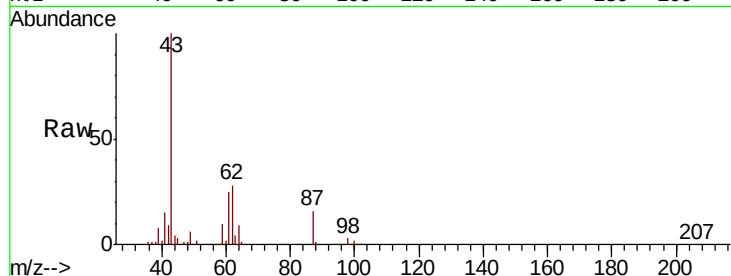
Tot Ion: 43 Resp: 165166

Ion Ratio Lower Upper

43 100

61 34.4 27.5 41.3

87 17.0 13.6 20.4



#44

Trichloroethene

Concen: 49.577 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016861.D

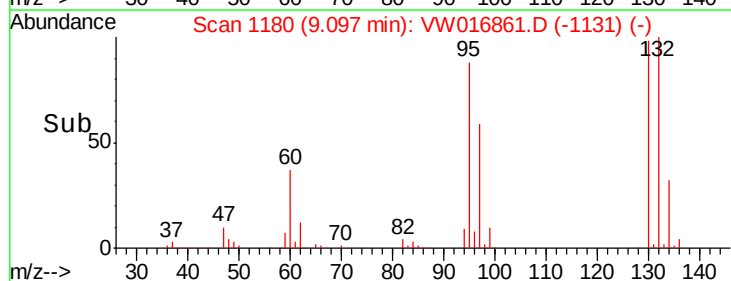
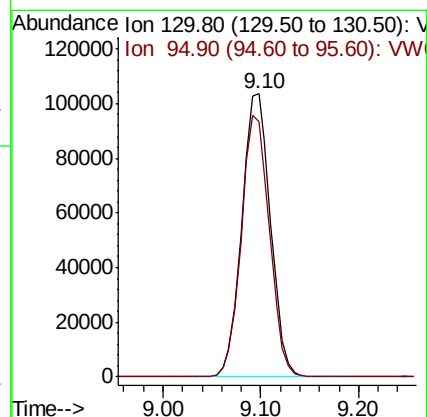
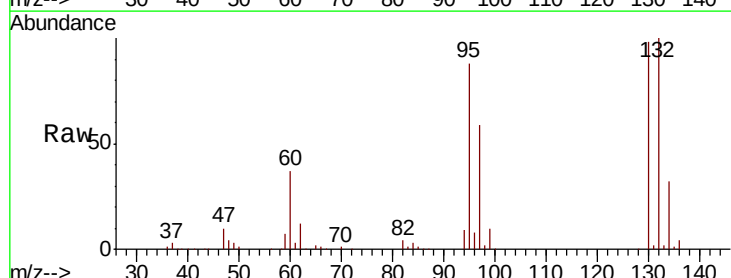
Acq: 09 Oct 2020 15:00

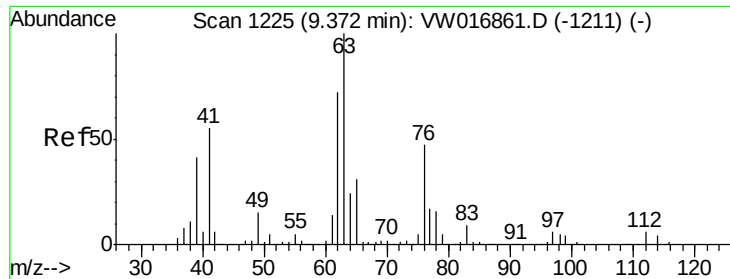
Tgt Ion: 130 Resp: 210387

Ion Ratio Lower Upper

130 100

95 90.1 0.0 180.2

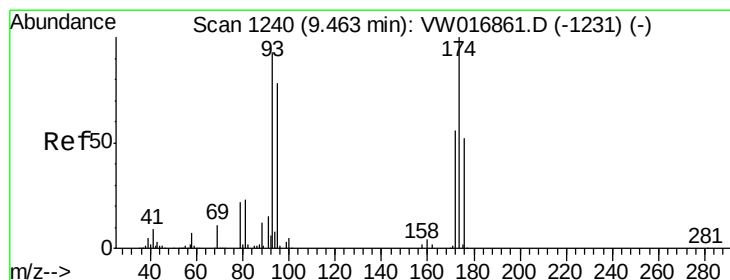
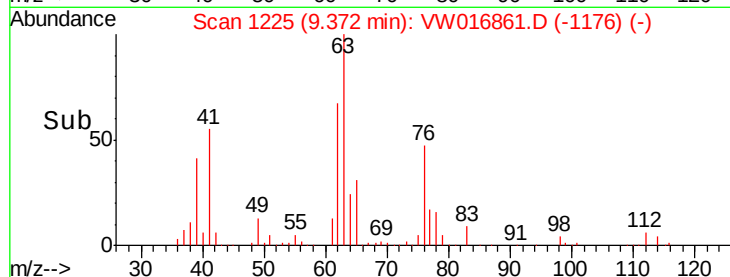
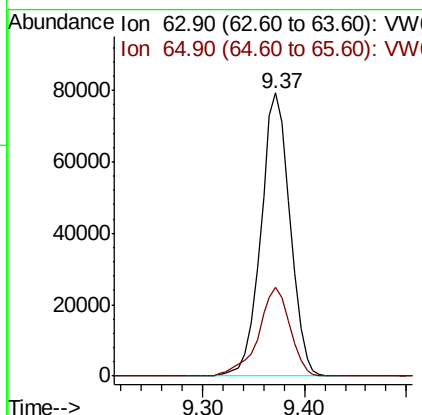
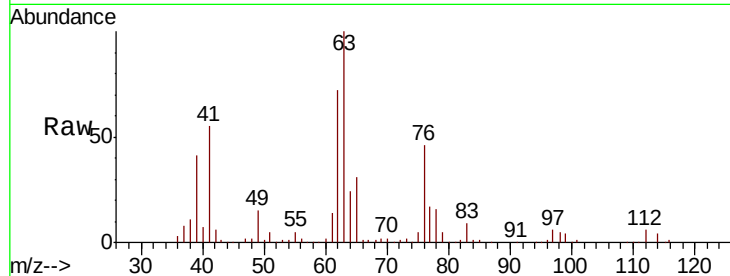




#45
 1,2-Dichloropropane
 Concen: 50.249 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

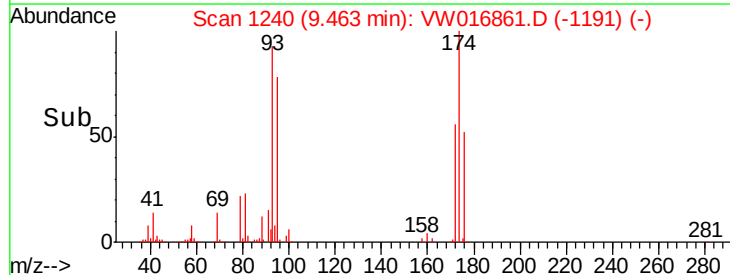
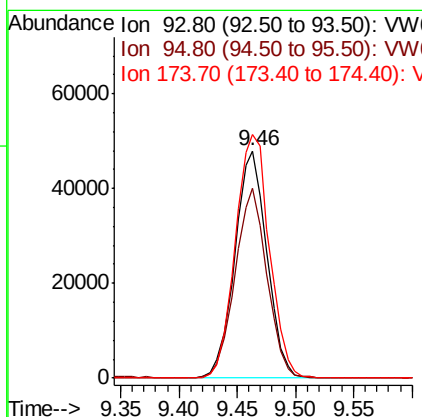
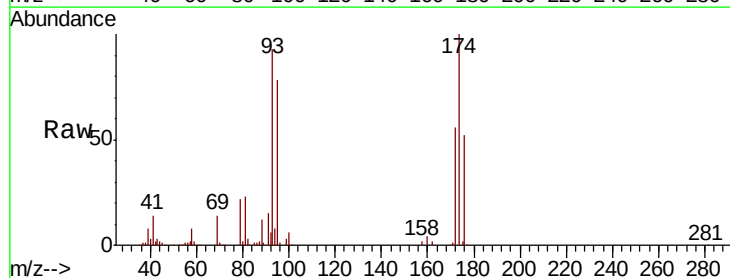
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

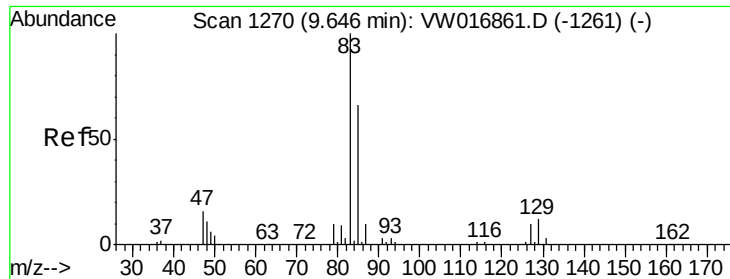
Tot Ion: 63 Resp: 157110
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 51.451 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion: 93 Resp: 92012
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 113.8 91.0 136.6





#47

Bromodichloromethane

Concen: 51.398 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

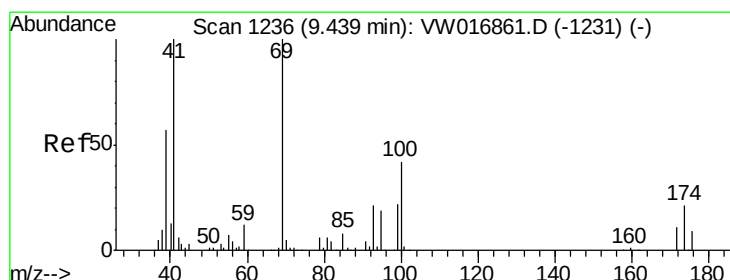
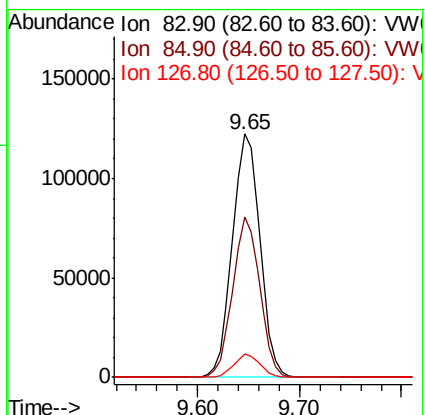
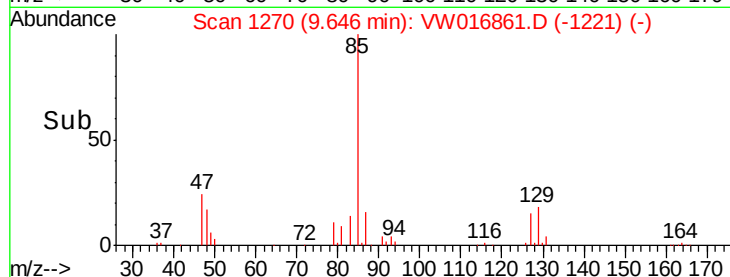
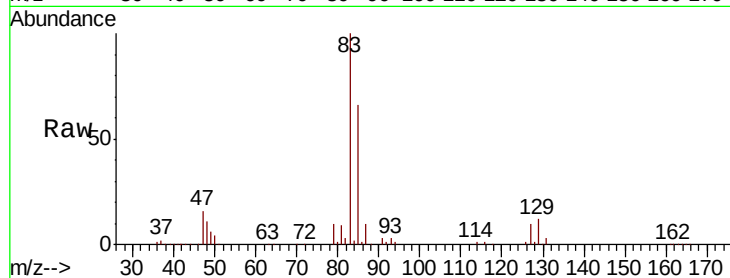
Tot Ion: 83 Resp: 228548

Ion Ratio Lower Upper

83 100

85 65.9 52.7 79.1

127 9.7 7.8 11.6



#48

Methyl methacrylate

Concen: 54.866 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

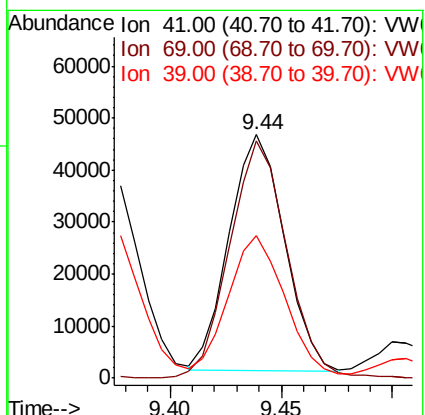
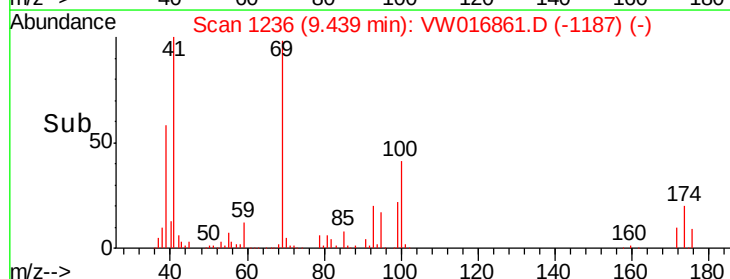
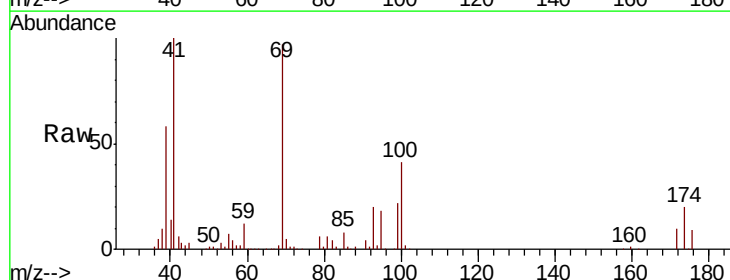
Tgt Ion: 41 Resp: 77868

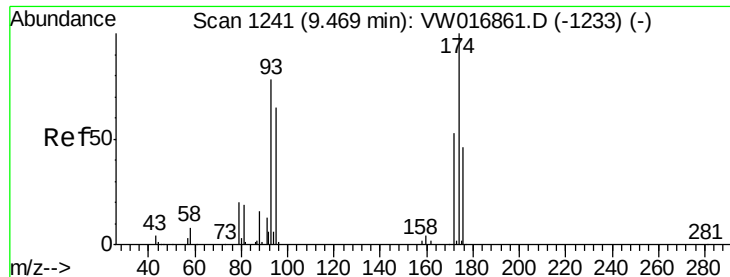
Ion Ratio Lower Upper

41 100

69 104.4 83.5 125.3

39 63.6 50.9 76.3





#49

1,4-Dioxane

Concen: 1092.430 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

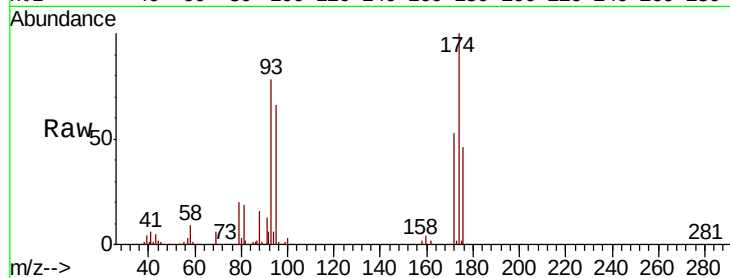
Tot Ion: 88 Resp: 22472

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

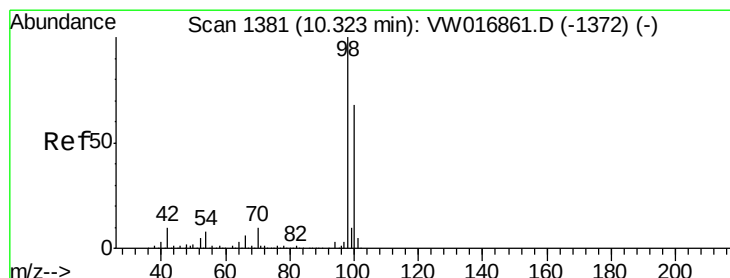
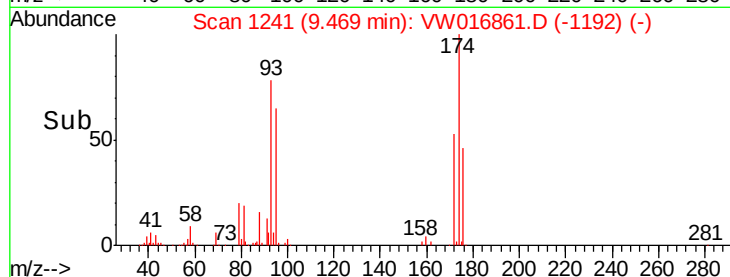
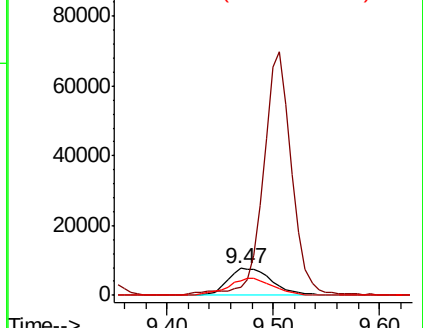
58 67.5 54.0 81.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.724 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016861.D

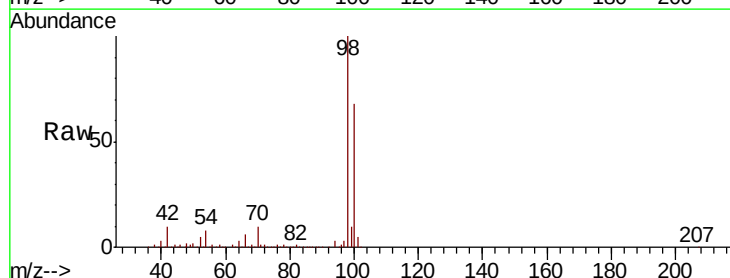
Acq: 09 Oct 2020 15:00

Tgt Ion: 98 Resp: 663534

Ion Ratio Lower Upper

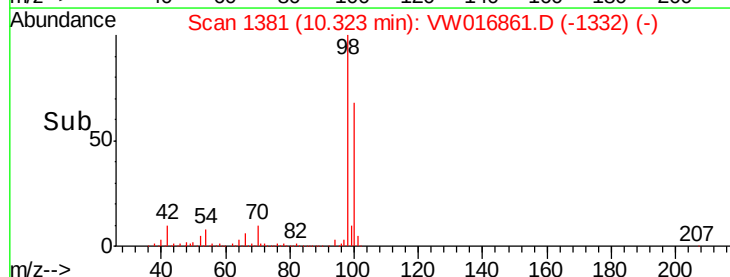
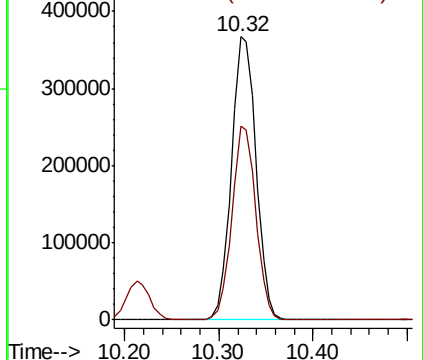
98 100

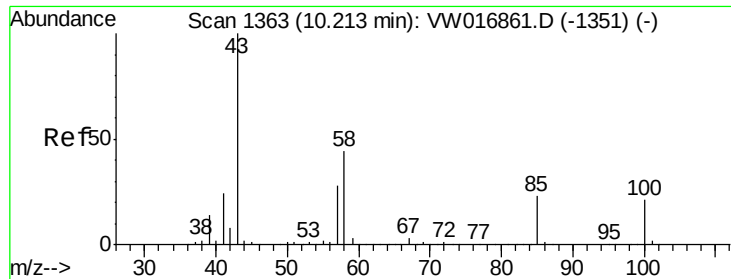
100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 270.178 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

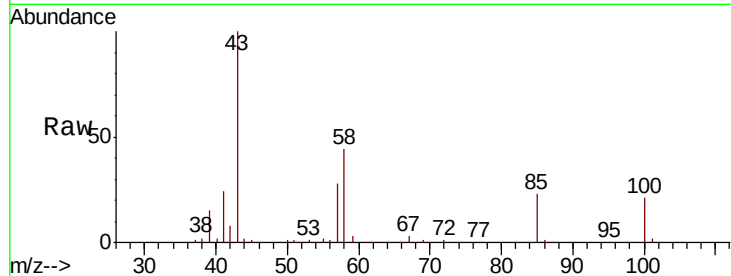
VSTDICCC050

Tot Ion: 43 Resp: 420957

Ion Ratio Lower Upper

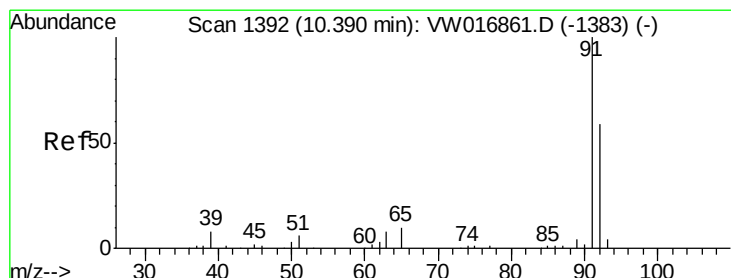
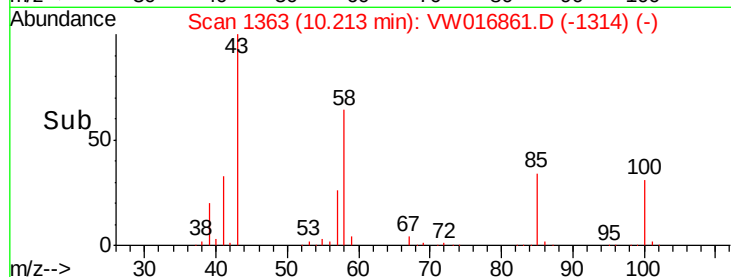
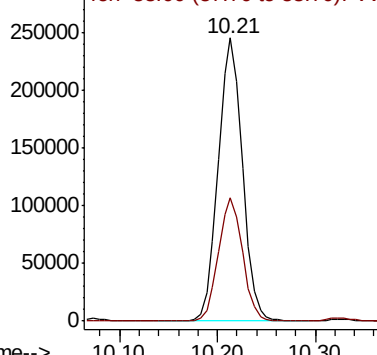
43 100

58 43.4 34.7 52.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 50.885 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016861.D

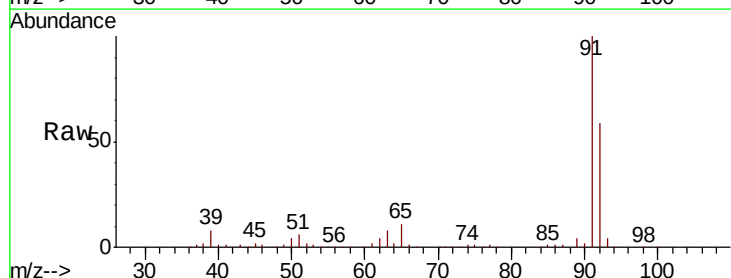
Acq: 09 Oct 2020 15:00

Tgt Ion: 92 Resp: 461186

Ion Ratio Lower Upper

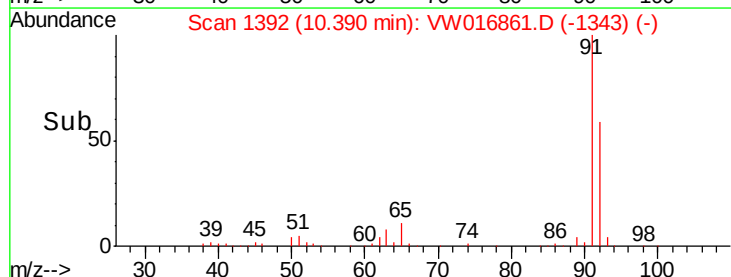
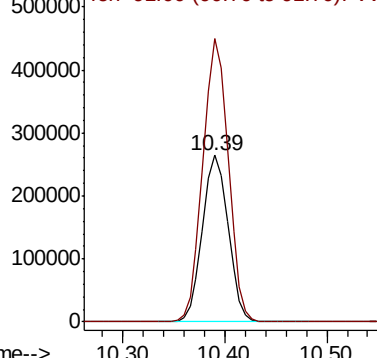
92 100

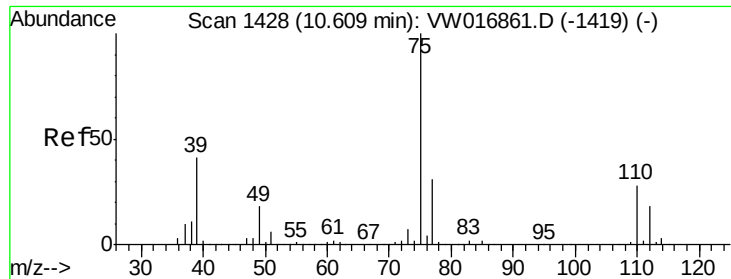
91 168.4 134.7 202.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

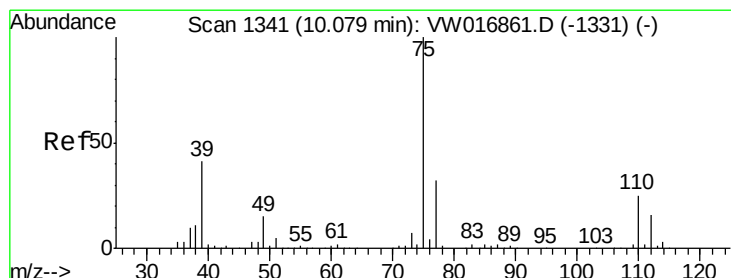
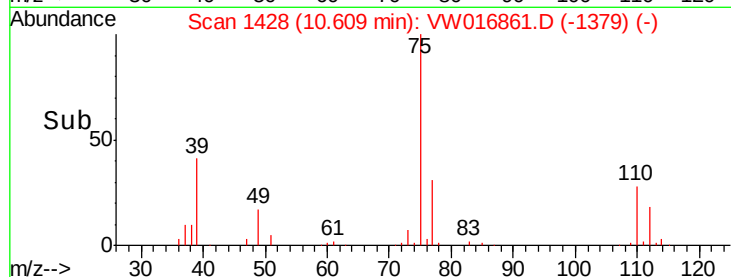
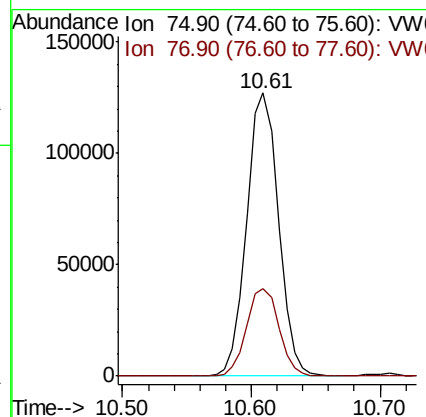
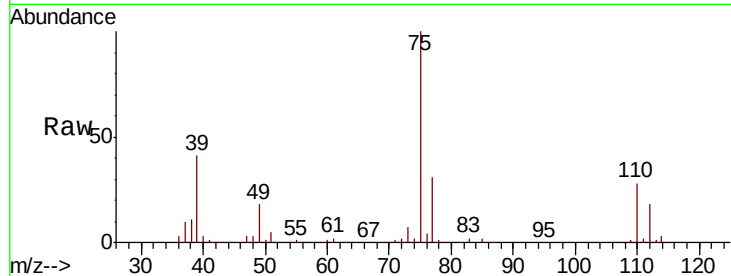




#53
 t-1,3-Dichloropropene
 Concen: 53.565 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

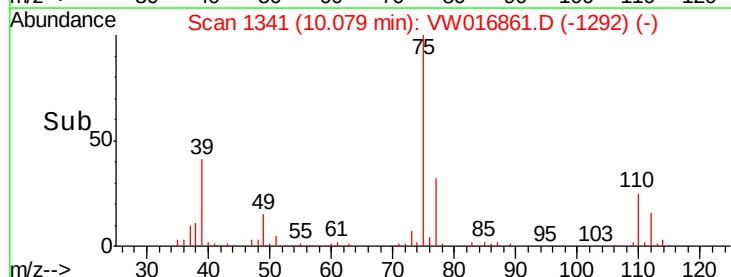
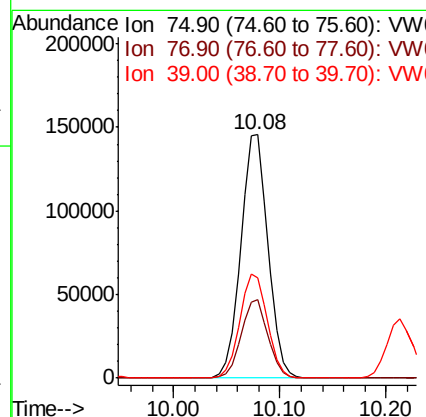
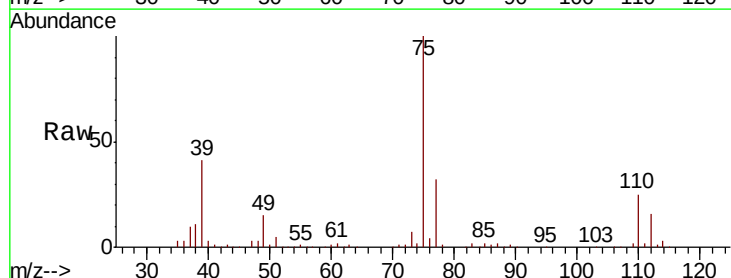
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

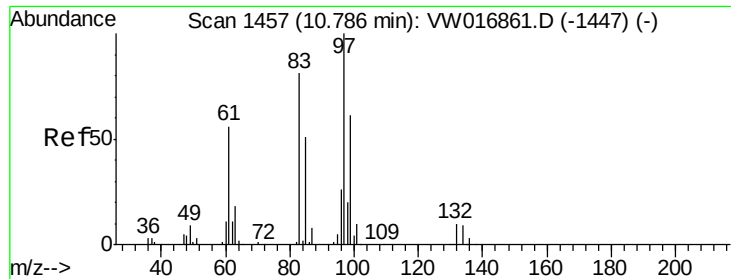
Tot Ion: 75 Resp: 216837
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.801 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion: 75 Resp: 261073
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6
 39 41.1 32.9 49.3

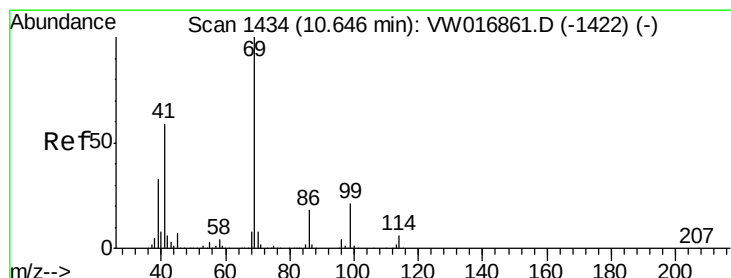
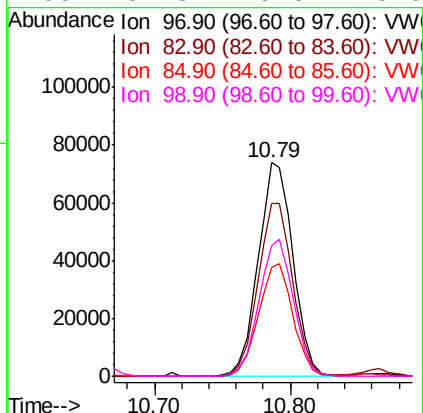
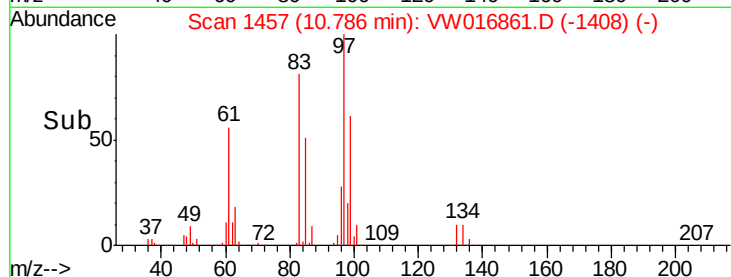
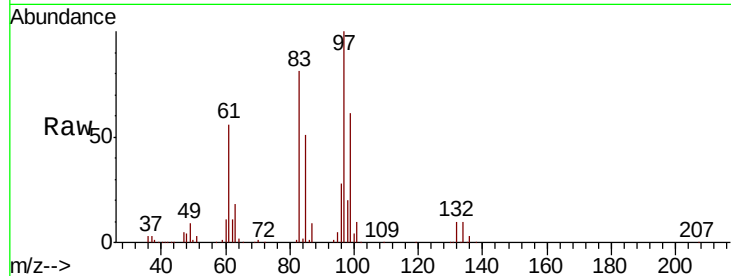




#55
 1,1,2-Trichloroethane
 Concen: 51.899 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

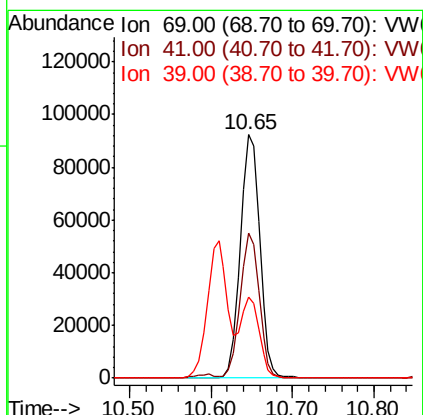
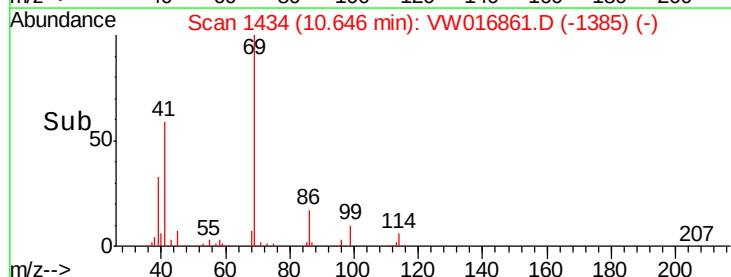
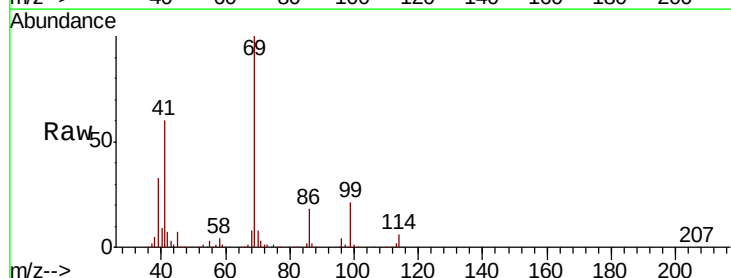
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

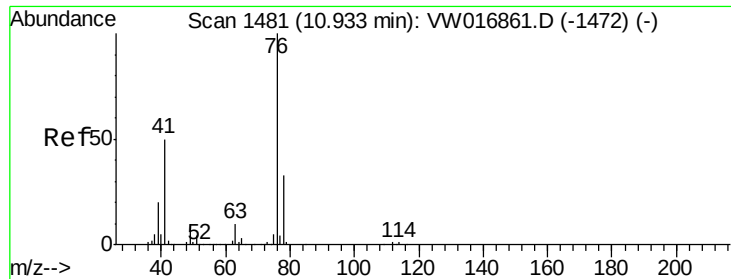
Tot Ion:	97	Resp:	132111
Ion	Ratio	Lower	Upper
97	100		
83	80.8	64.6	97.0
85	50.8	40.6	61.0
99	61.3	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 54.818 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion:	69	Resp:	151801
Ion	Ratio	Lower	Upper
69	100		
41	57.9	46.3	69.5
39	32.4	25.9	38.9

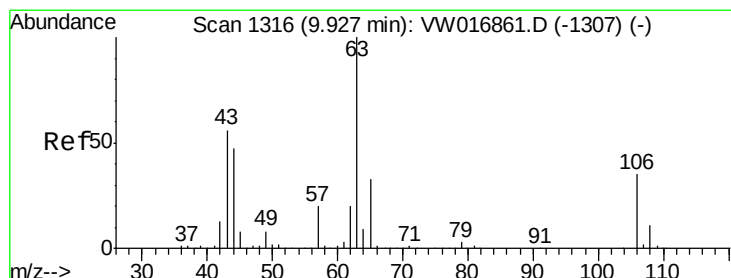
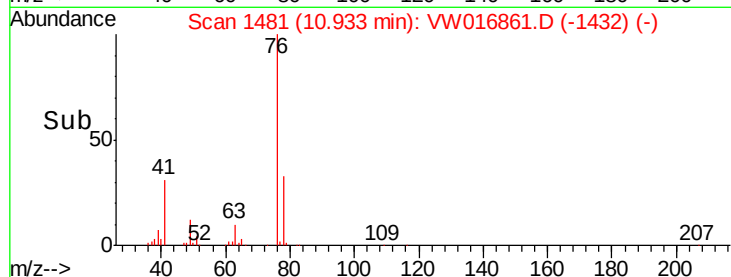
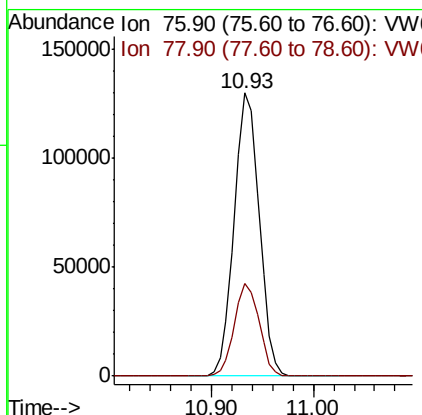
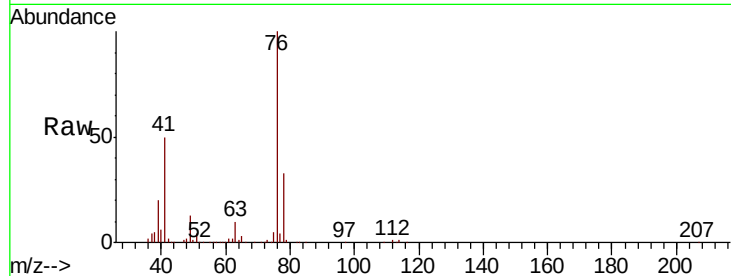




#57
 1,3-Dichloropropane
 Concen: 52.386 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

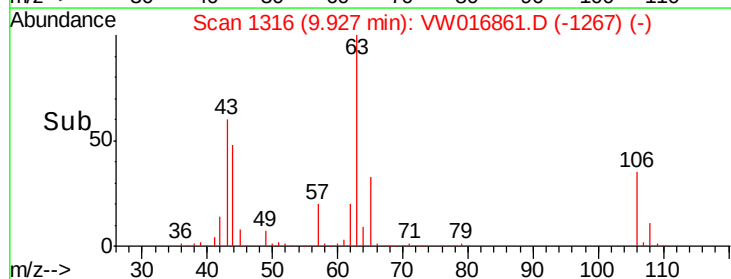
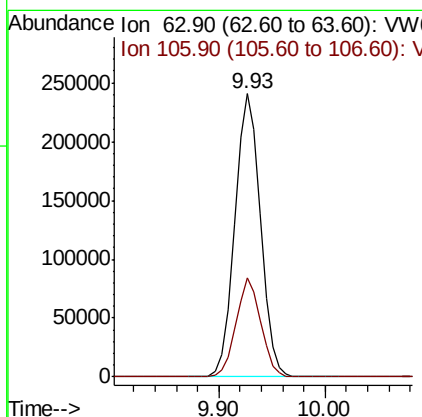
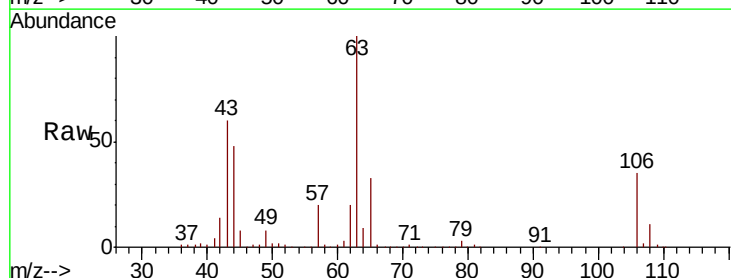
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

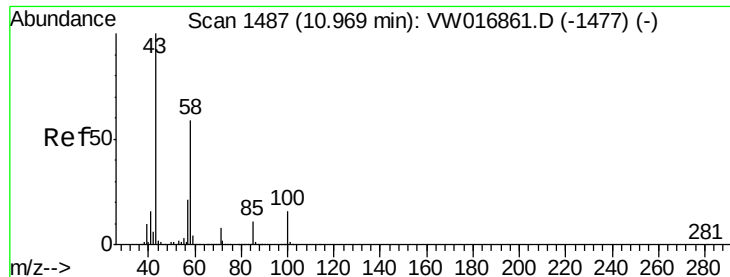
Tot Ion: 76 Resp: 220623
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.083 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion: 63 Resp: 406781
 Ion Ratio Lower Upper
 63 100
 106 33.7 27.0 40.4

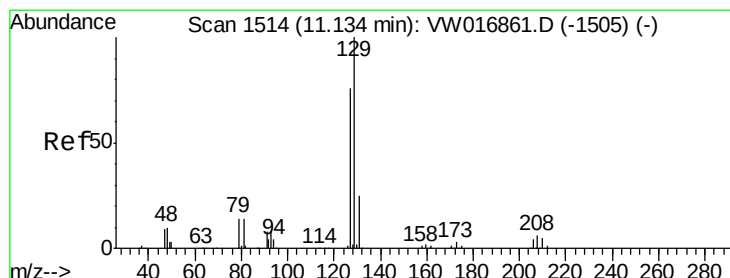
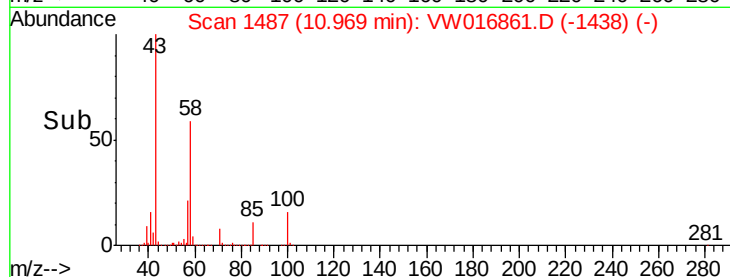
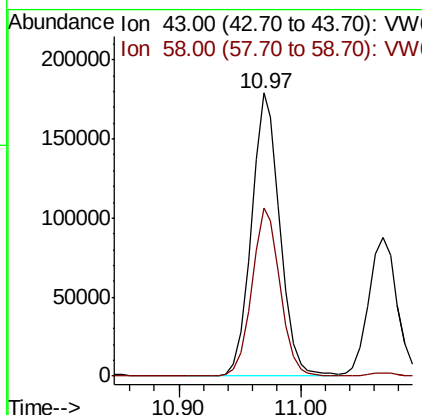
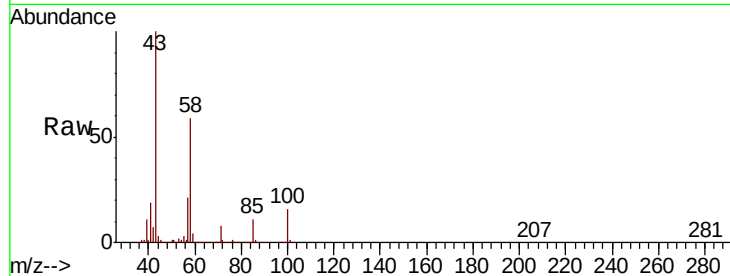




#59
2-Hexanone
Concen: 280.361 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

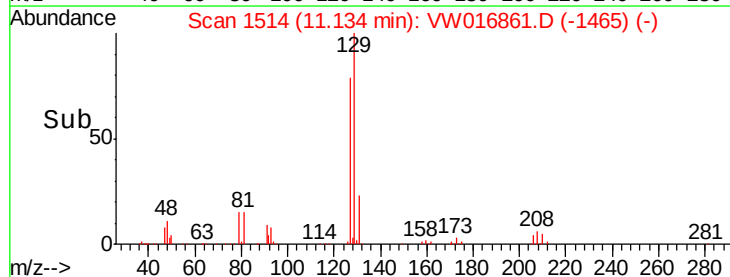
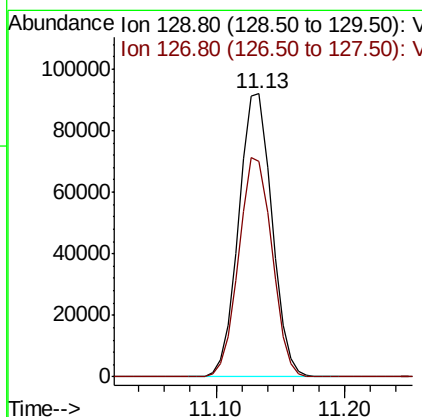
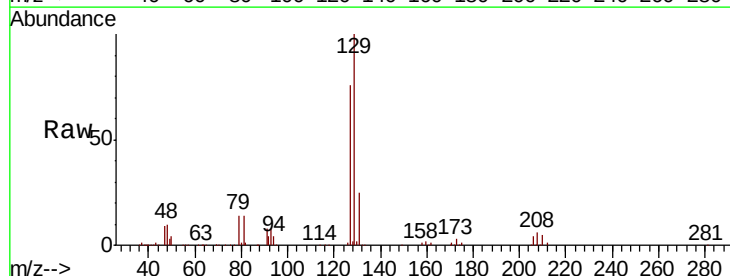
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

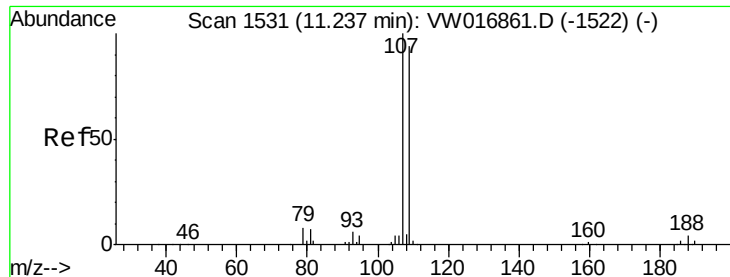
Tot Ion: 43 Resp: 289020
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 52.653 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 129 Resp: 164393
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.027 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

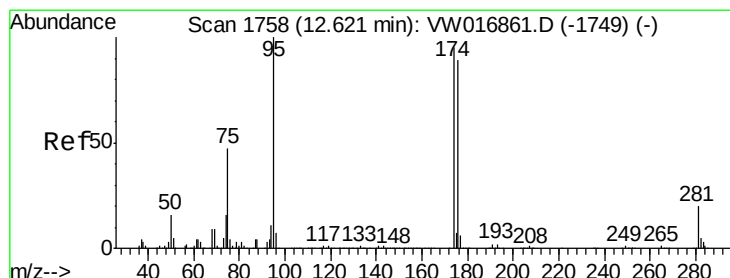
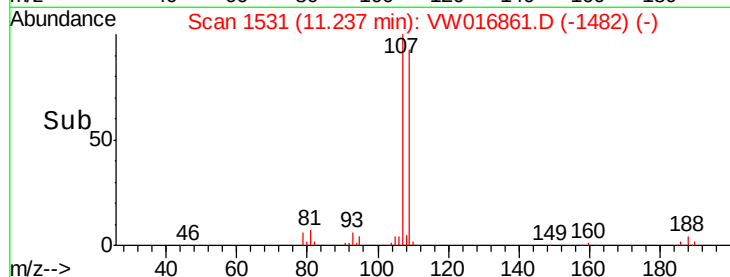
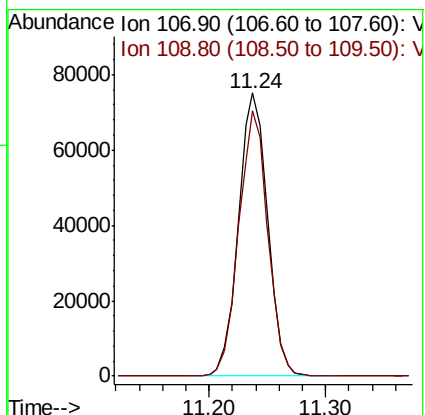
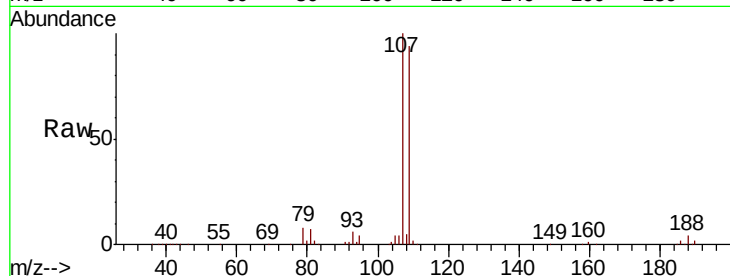
VSTDICCC050

Tot Ion: 107 Resp: 131156

Ion Ratio Lower Upper

107 100

109 93.4 74.7 112.1



#62

4-Bromofluorobenzene

Concen: 52.650 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

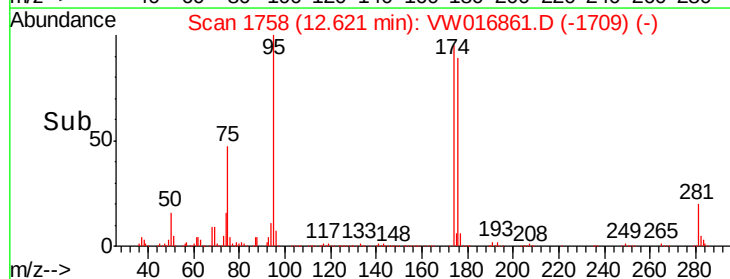
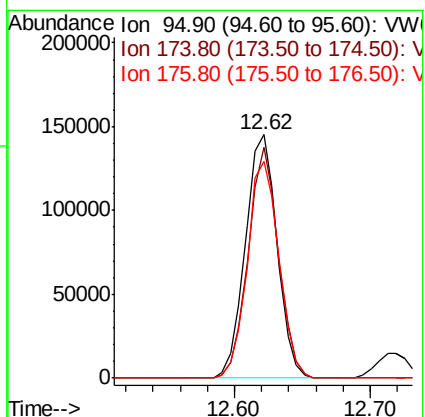
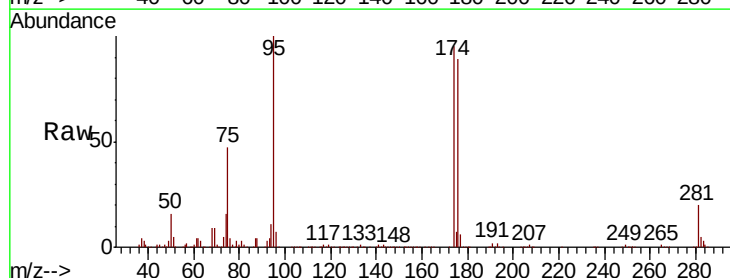
Tgt Ion: 95 Resp: 237499

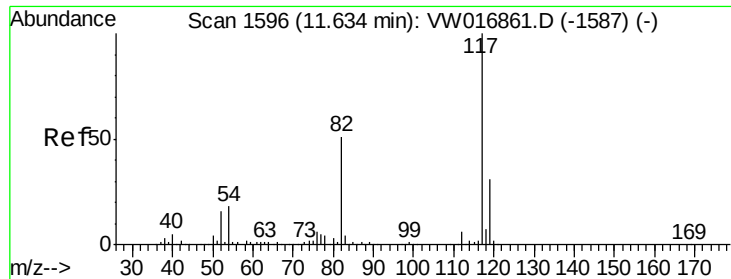
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.6

176 88.8 0.0 177.6

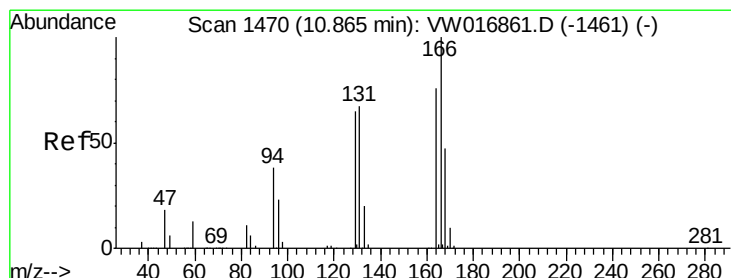
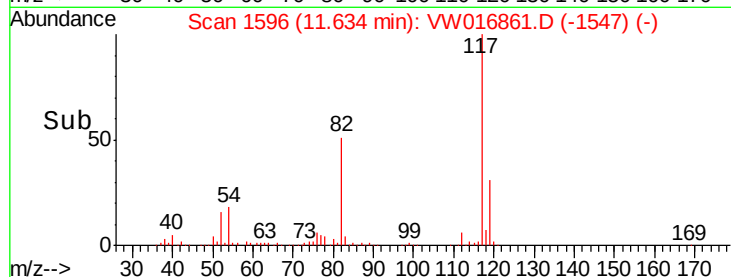
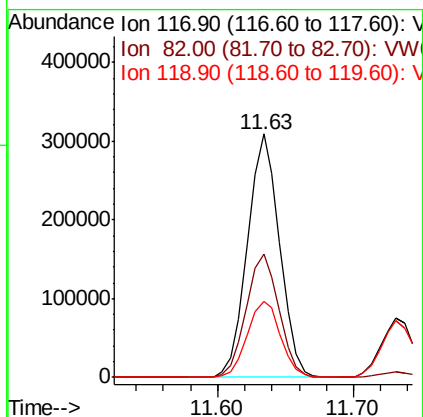
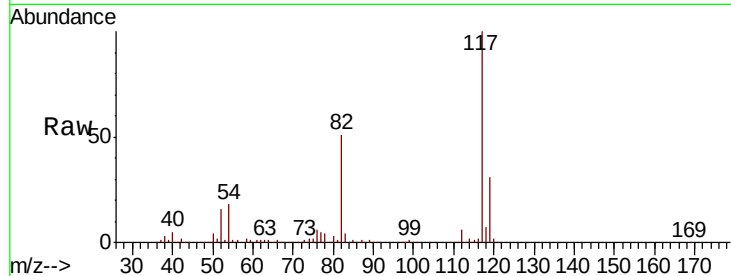




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

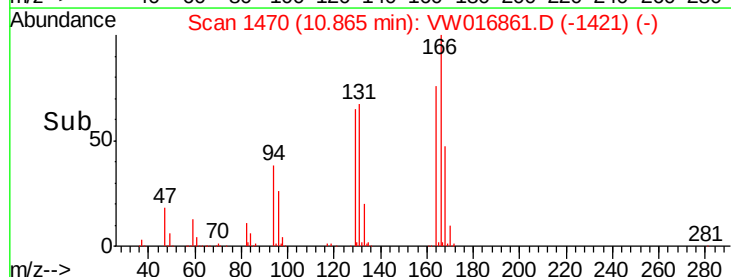
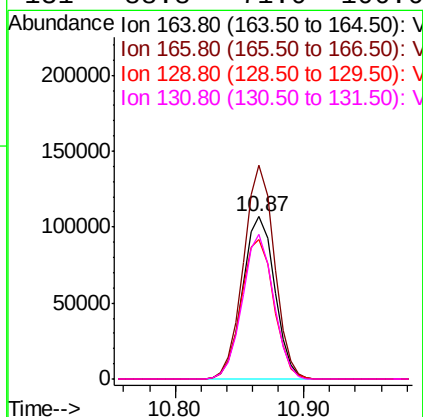
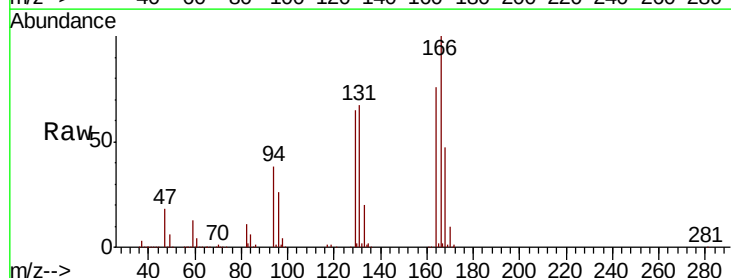
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

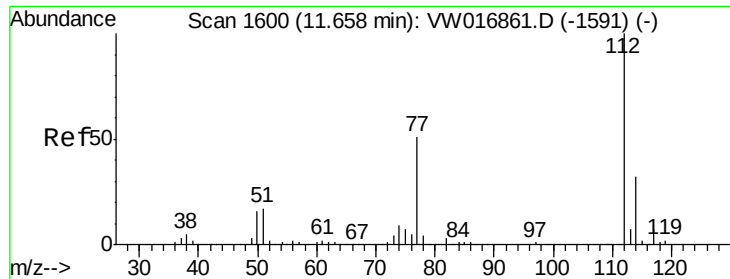
Tot Ion:117 Resp: 511008
Ion Ratio Lower Upper
117 100
82 50.9 40.7 61.1
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 50.519 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion:164 Resp: 183926
Ion Ratio Lower Upper
164 100
166 131.6 105.3 157.9
129 86.0 68.8 103.2
131 88.8 71.0 106.6

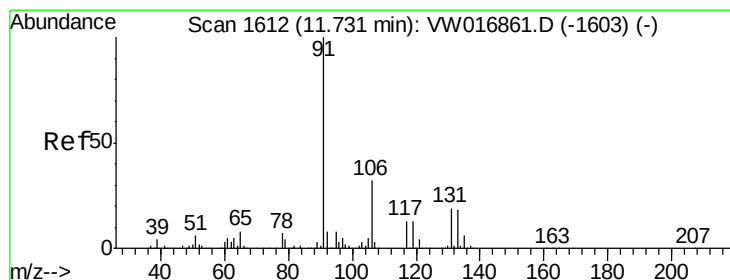
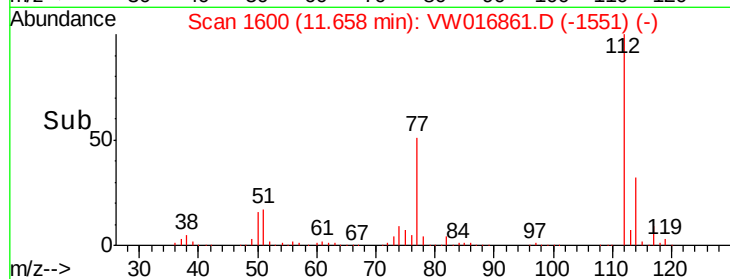
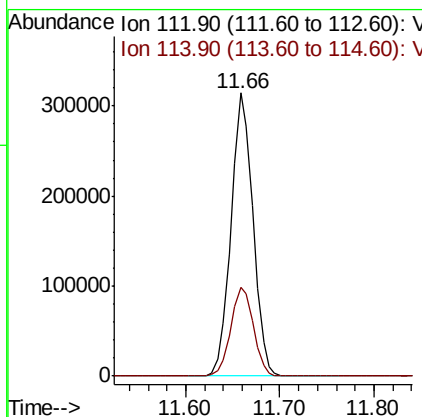
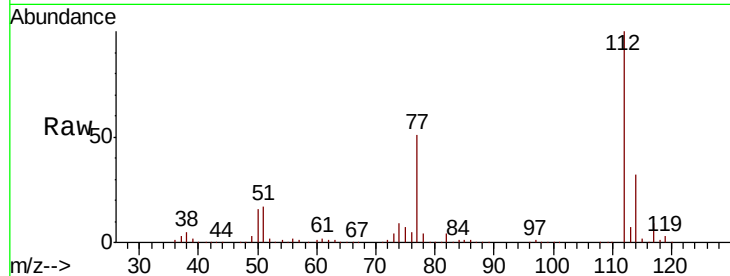




#65
Chlorobenzene
Concen: 50.637 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

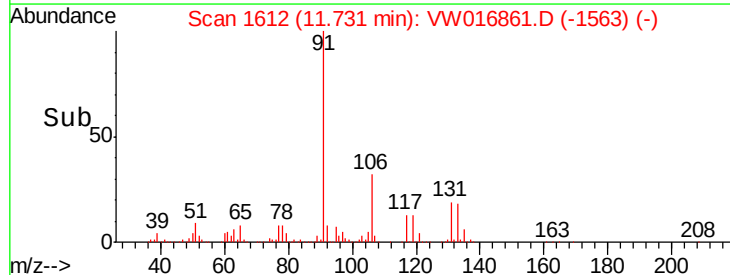
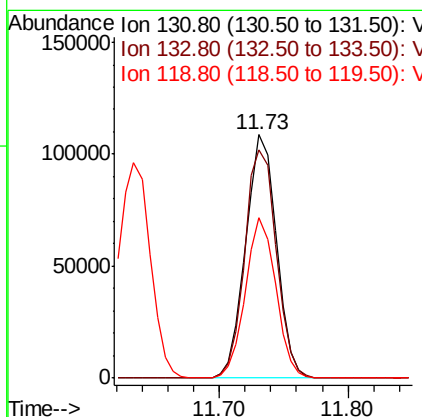
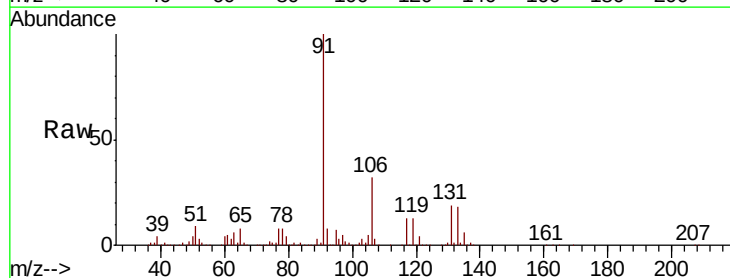
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

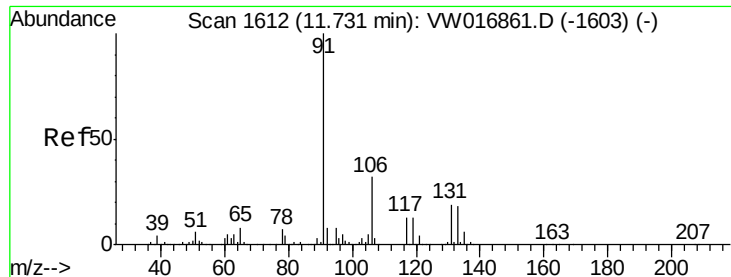
Tot Ion:112 Resp: 507540
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.661 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion:131 Resp: 179574
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 64.9 32.5 97.4





#67

Ethyl Benzene

Concen: 51.280 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

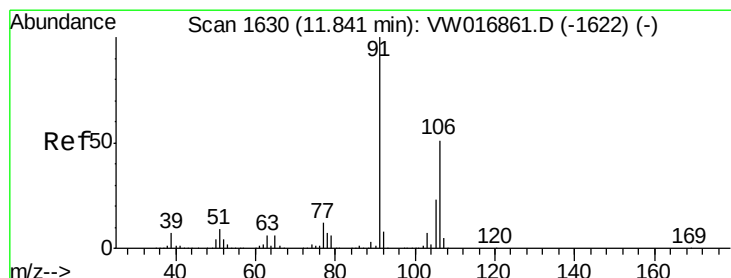
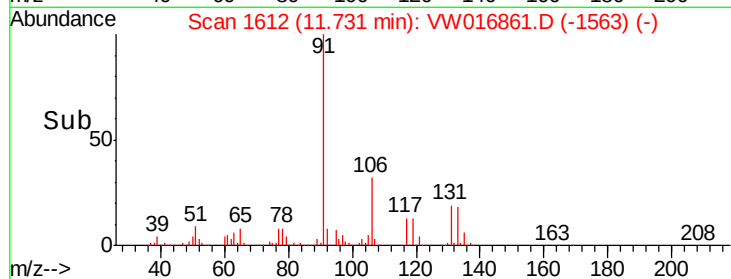
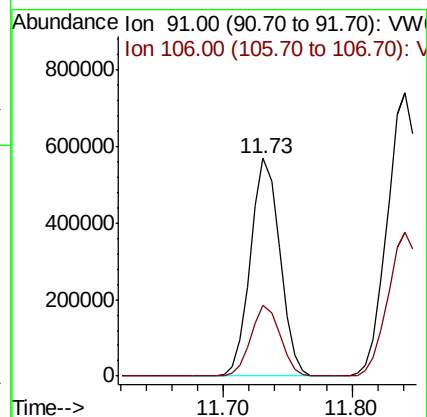
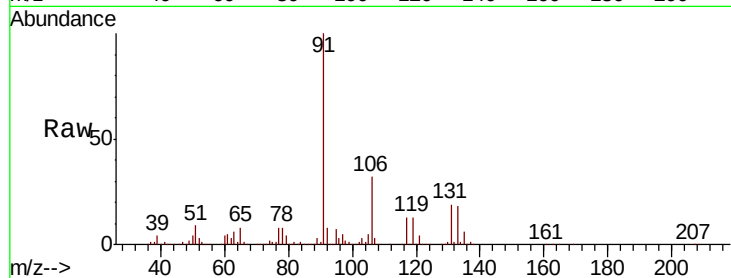
VSTDICCC050

Tot Ion: 91 Resp: 895657

Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9



#68

m/p-Xylenes

Concen: 102.579 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW016861.D

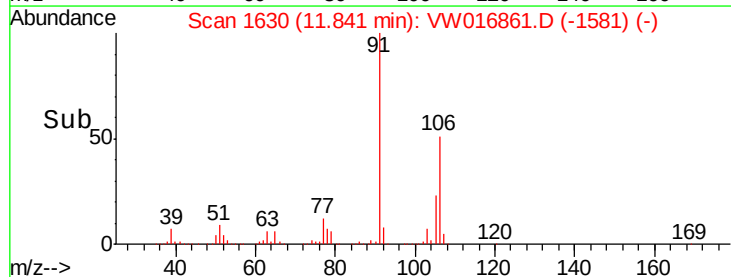
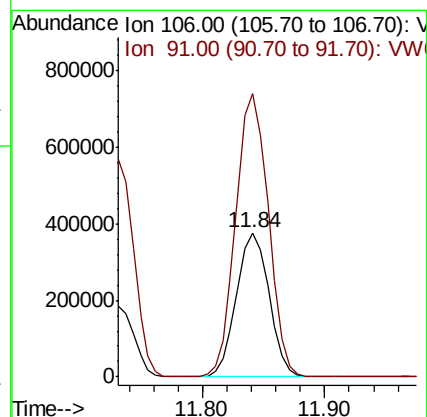
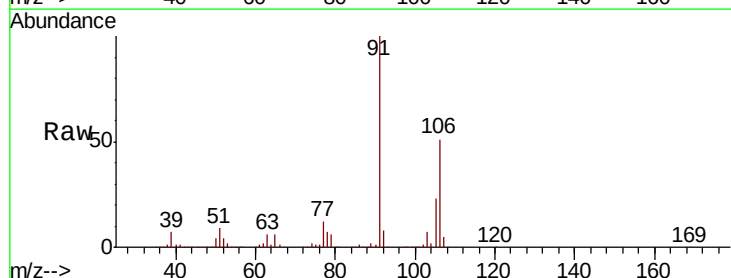
Acq: 09 Oct 2020 15:00

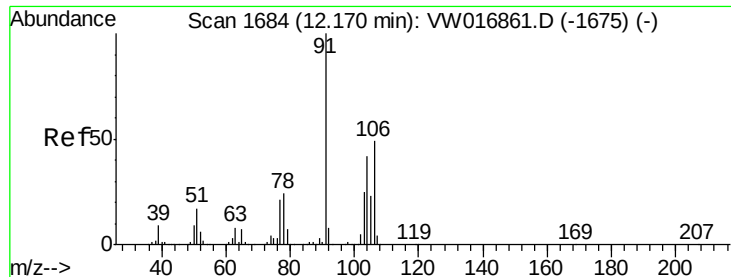
Tgt Ion: 106 Resp: 696812

Ion Ratio Lower Upper

106 100

91 196.7 157.4 236.0

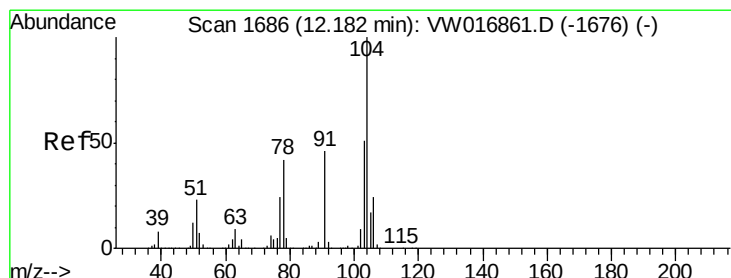
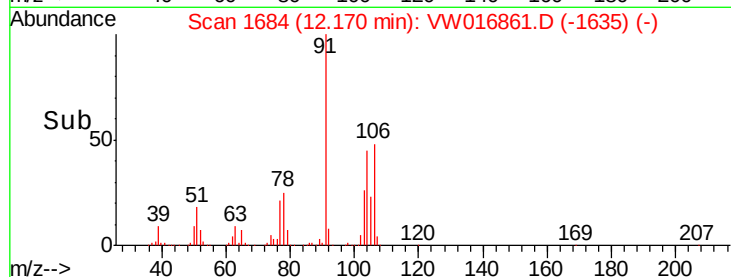
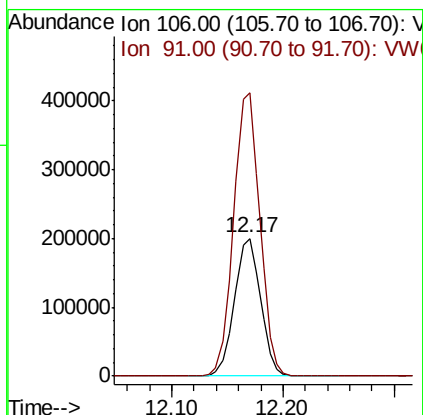
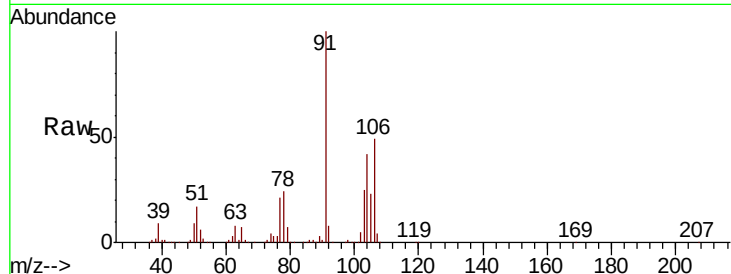




#69
o-Xylene
Concen: 51.935 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

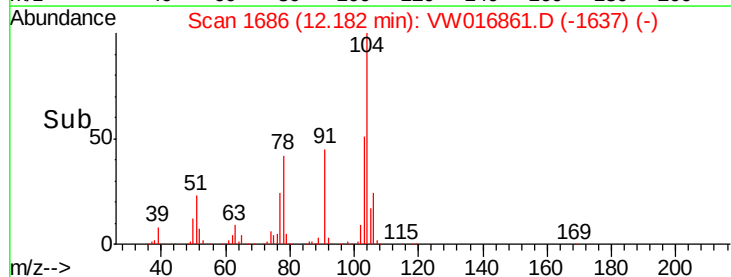
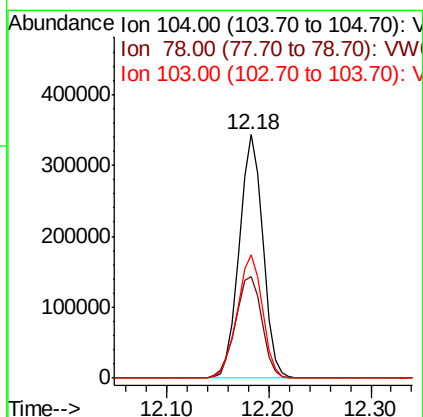
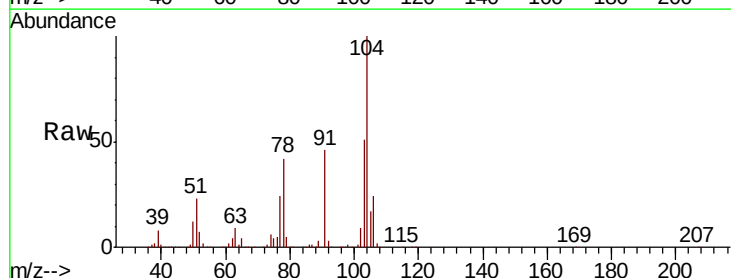
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

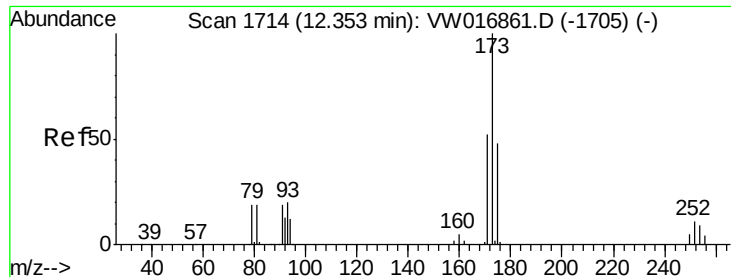
Tot Ion:106 Resp: 323743
Ion Ratio Lower Upper
106 100
91 207.3 103.6 310.9



#70
Styrene
Concen: 52.691 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion:104 Resp: 546662
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 53.012 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

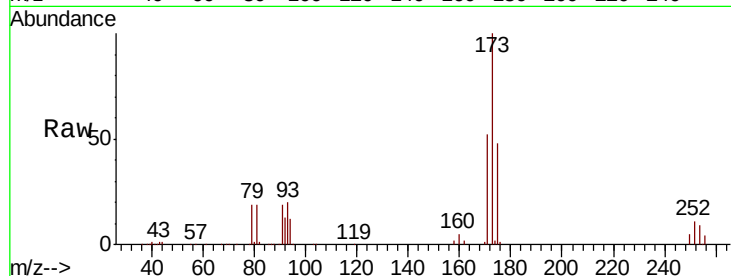
Tot Ion:173 Resp: 94337

Ion Ratio Lower Upper

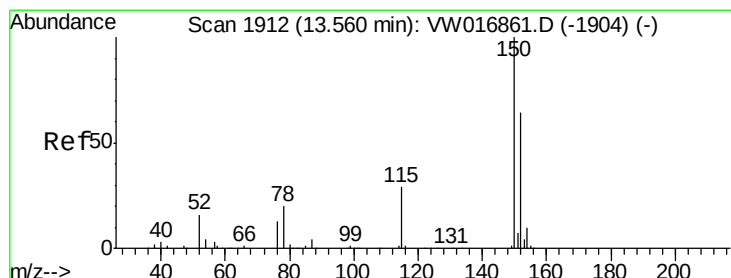
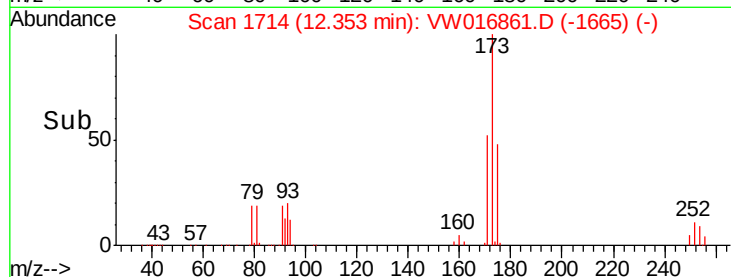
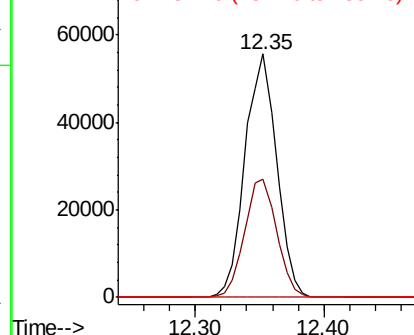
173 100

175 49.4 24.7 74.1

254 0.1 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: VW016861.D

Acq: 09 Oct 2020 15:00

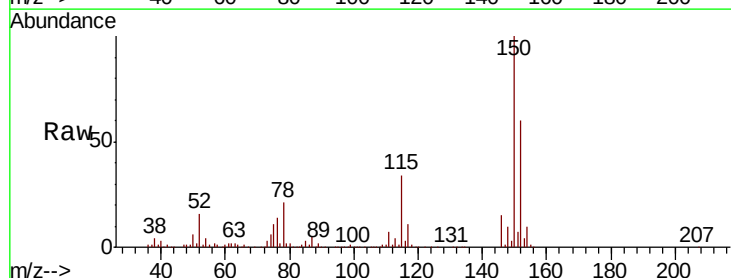
Tgt Ion:152 Resp: 267357

Ion Ratio Lower Upper

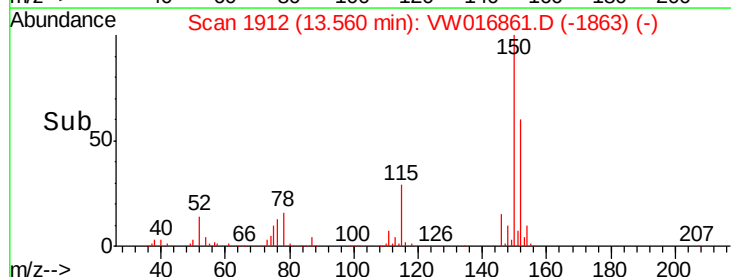
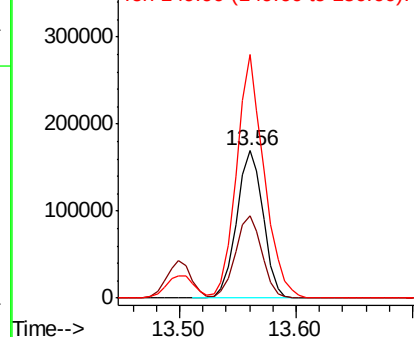
152 100

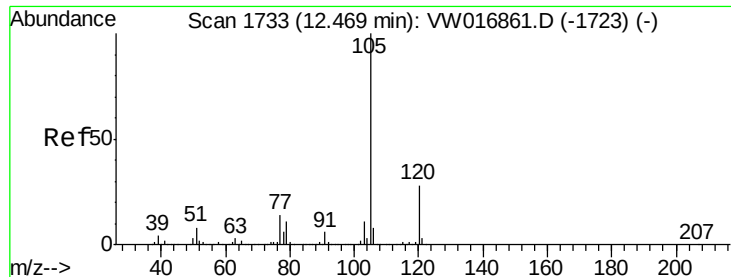
115 55.8 27.9 83.7

150 172.0 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

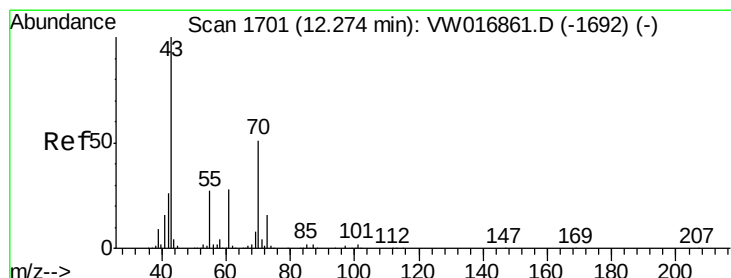
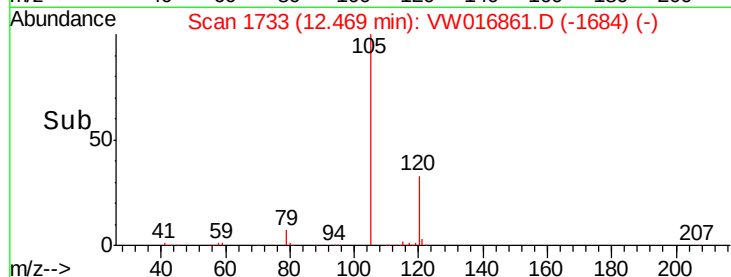
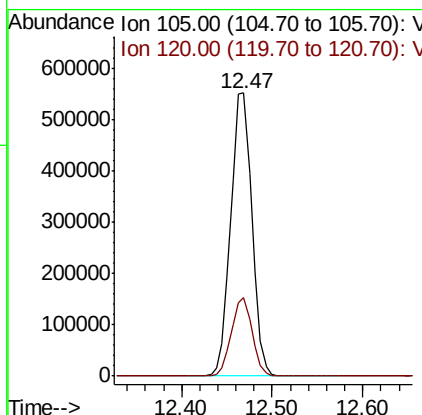
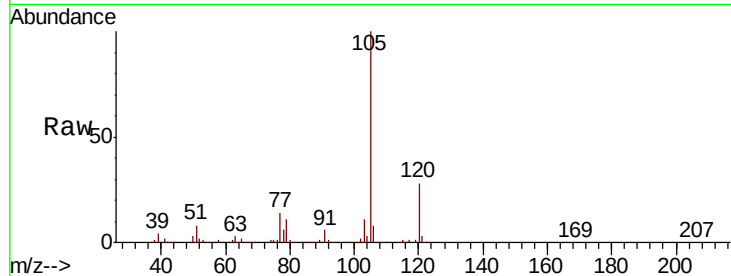




#73
Isopropylbenzene
Concen: 50.436 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

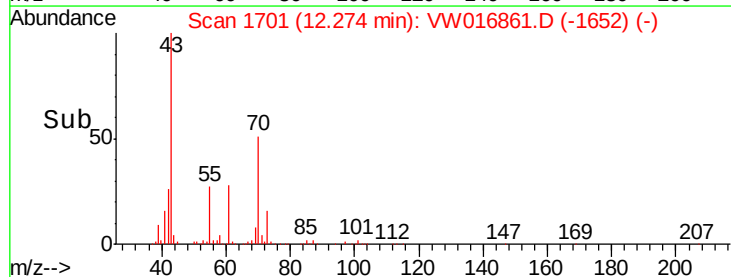
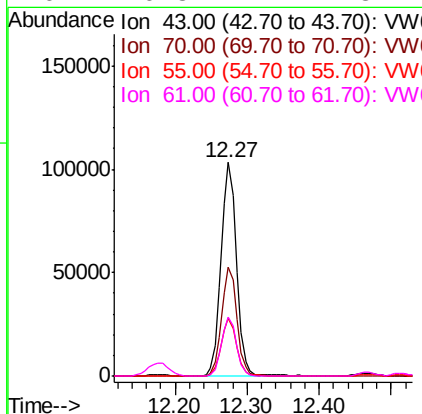
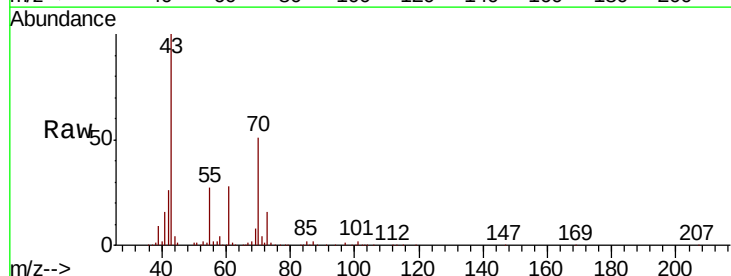
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

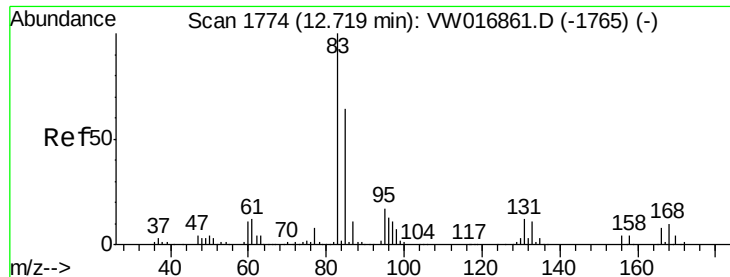
Tot Ion:105 Resp: 896269
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 54.443 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 43 Resp: 155400
Ion Ratio Lower Upper
43 100
70 50.3 40.2 60.4
55 26.7 21.4 32.0
61 26.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.682 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

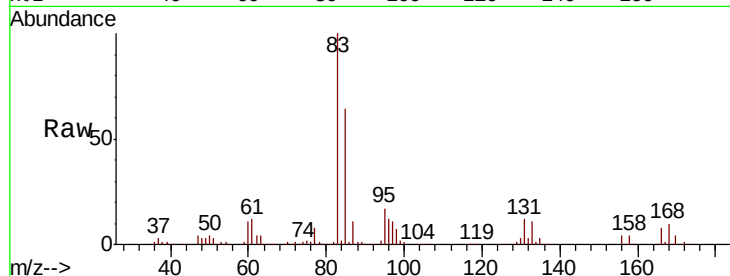
Tot Ion: 83 Resp: 144099

Ion Ratio Lower Upper

83 100

131 12.2 6.1 18.3

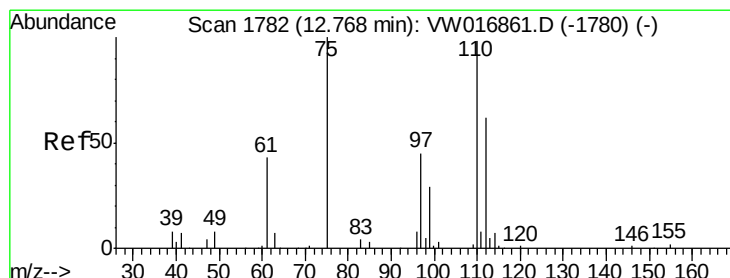
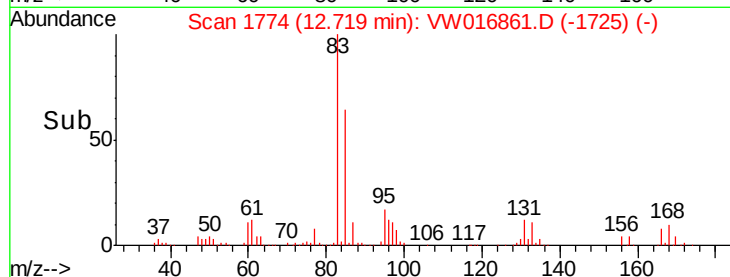
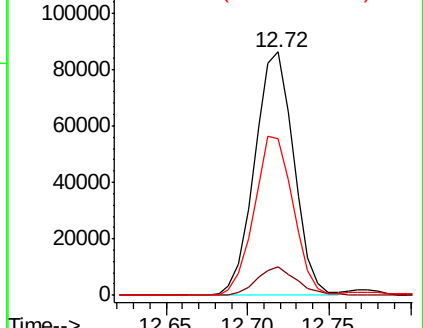
85 65.4 32.7 98.1



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: 103.247 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016861.D

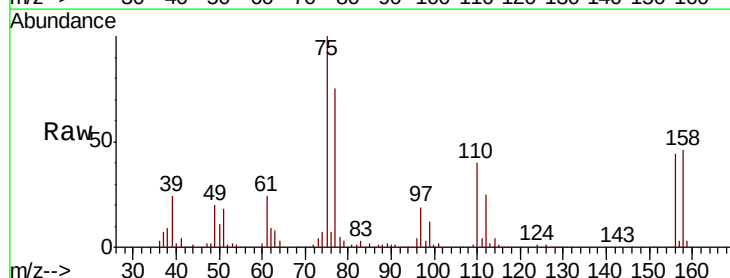
Acq: 09 Oct 2020 15:00

Tgt Ion: 75 Resp: 178079

Ion Ratio Lower Upper

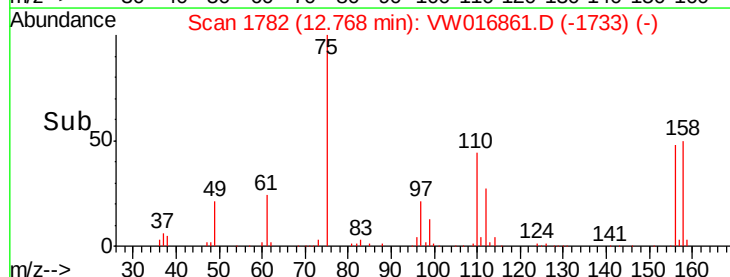
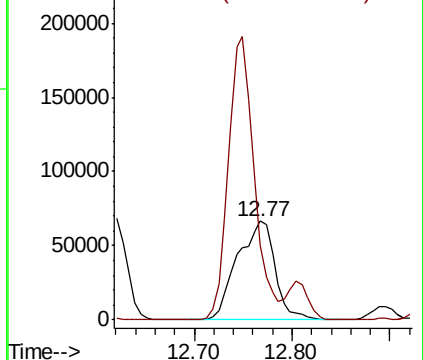
75 100

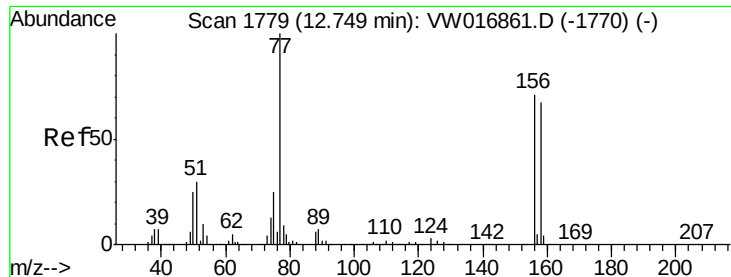
77 197.2 178.8 536.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.542 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

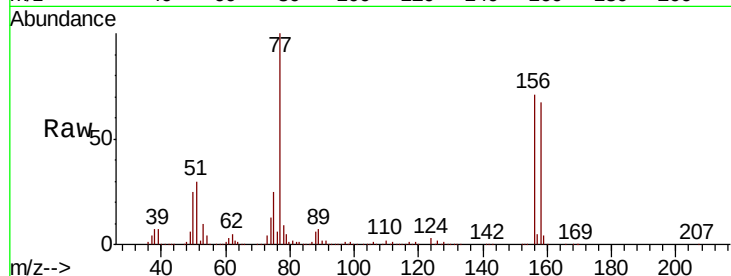
Tot Ion:156 Resp: 222017

Ion Ratio Lower Upper

156 100

77 158.1 79.0 237.2

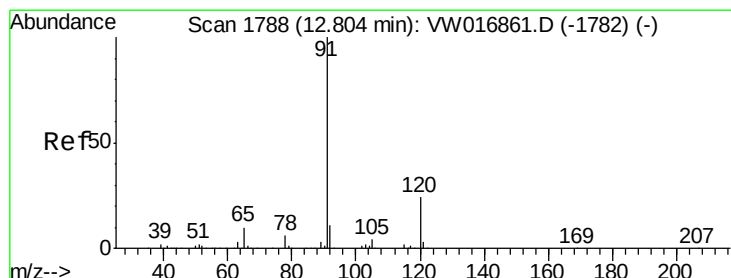
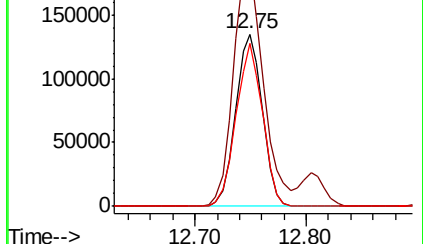
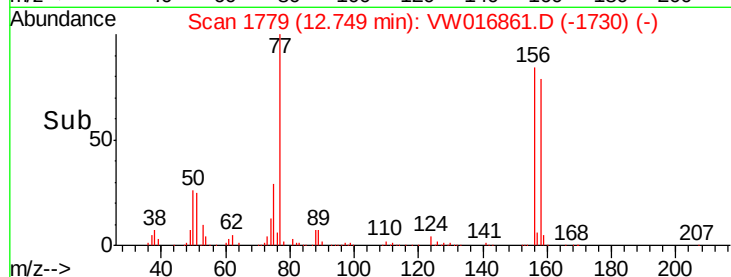
158 94.1 47.0 141.2



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: 50.389 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016861.D

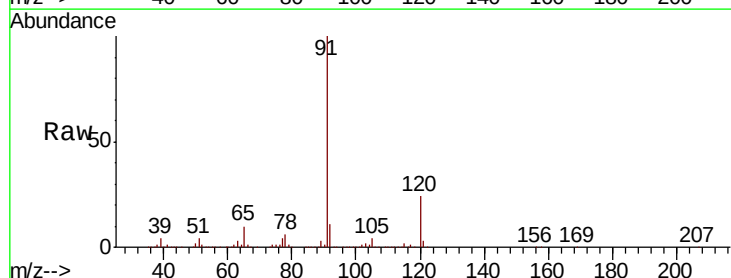
Acq: 09 Oct 2020 15:00

Tgt Ion: 91 Resp: 1032648

Ion Ratio Lower Upper

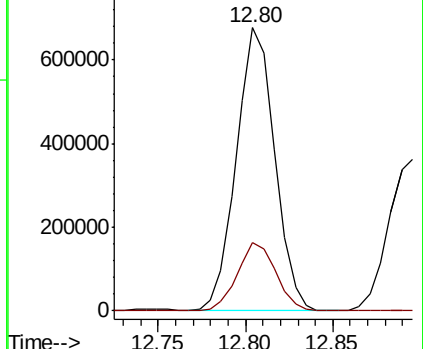
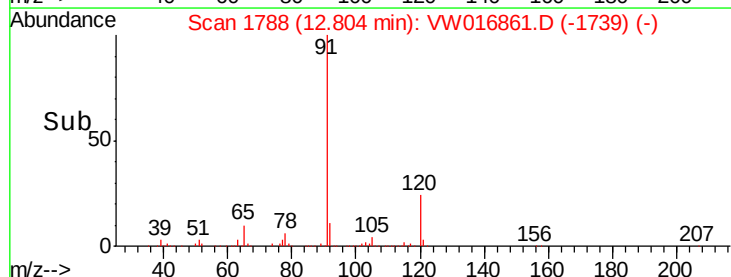
91 100

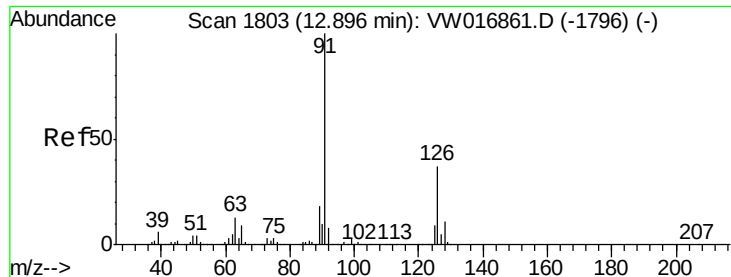
120 24.1 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.241 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

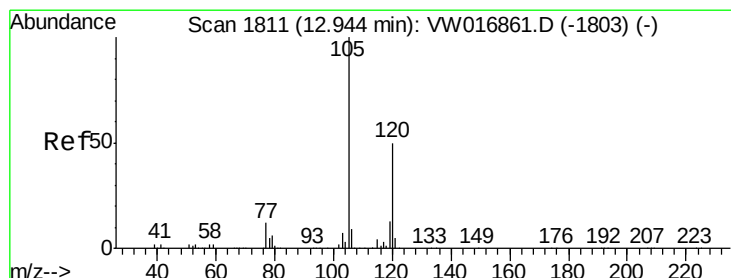
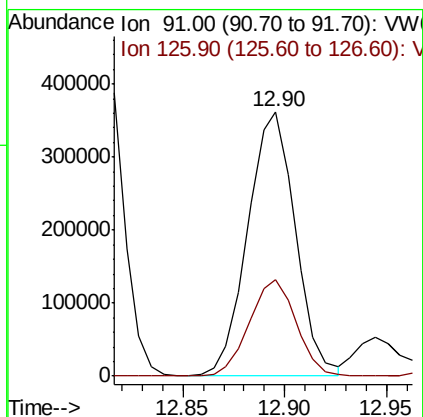
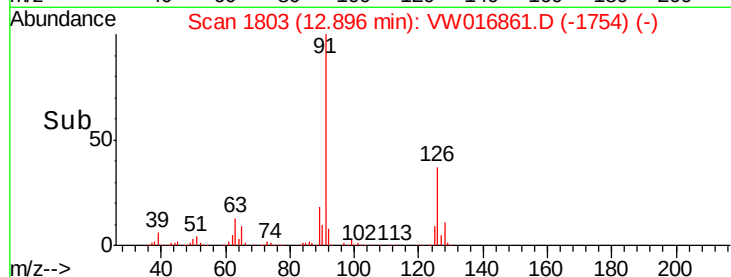
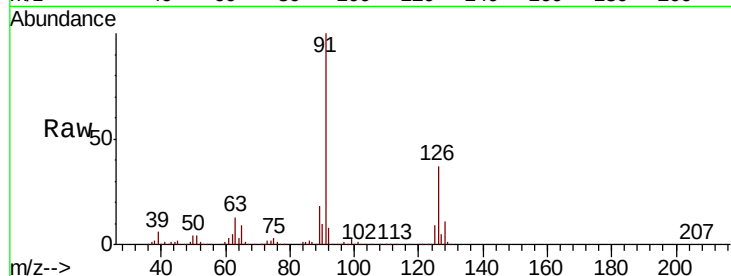
VSTDICCC050

Tot Ion: 91 Resp: 587351

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 51.146 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016861.D

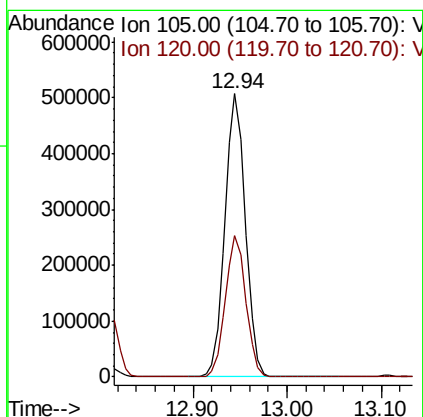
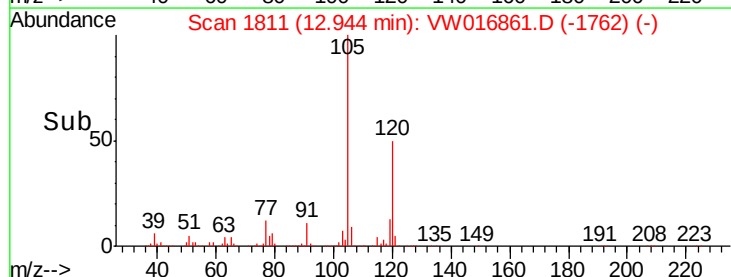
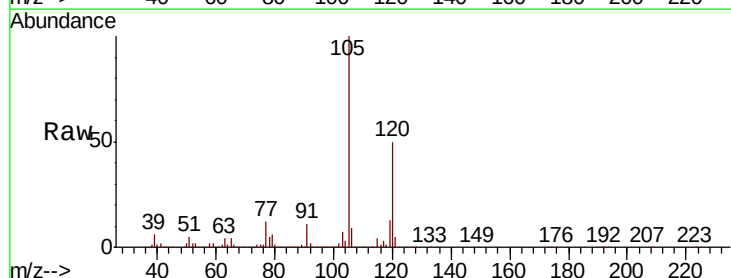
Acq: 09 Oct 2020 15:00

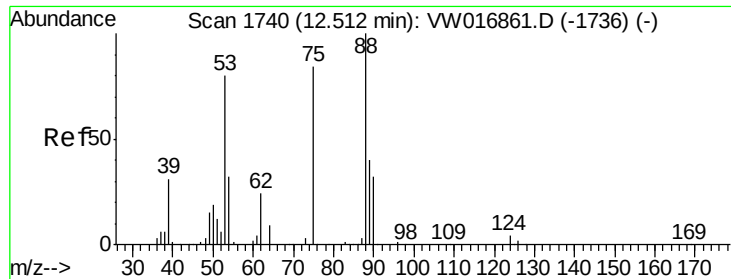
Tgt Ion:105 Resp: 761694

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.126 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

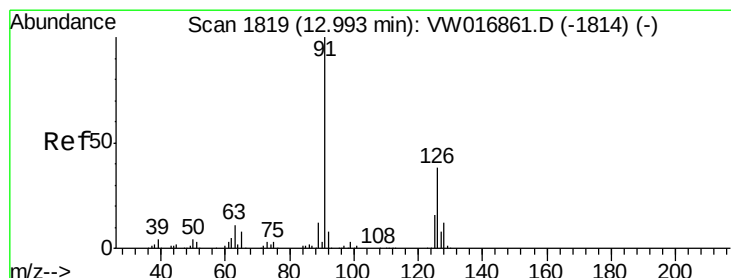
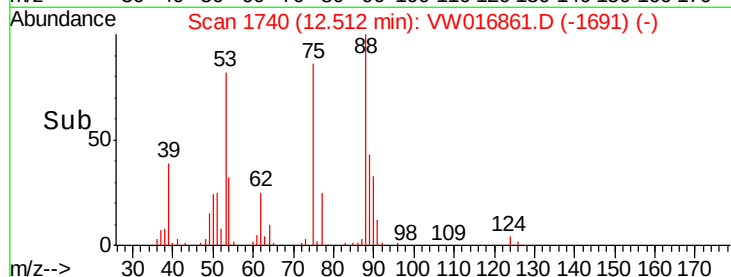
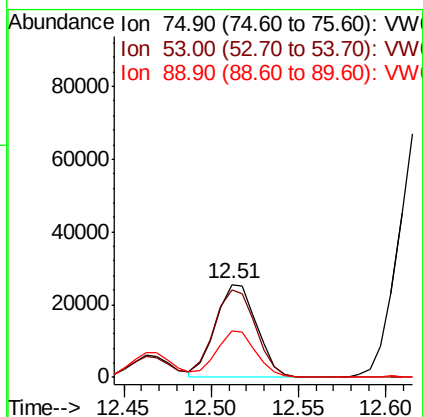
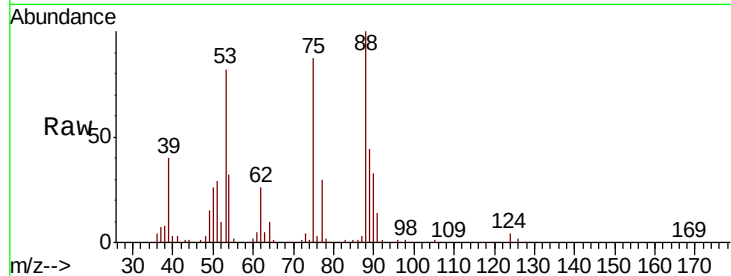
Tot Ion: 75 Resp: 41656

Ion Ratio Lower Upper

75 100

53 96.2 77.0 115.4

89 48.4 38.7 58.1



#82

4-Chlorotoluene

Concen: 50.292 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW016861.D

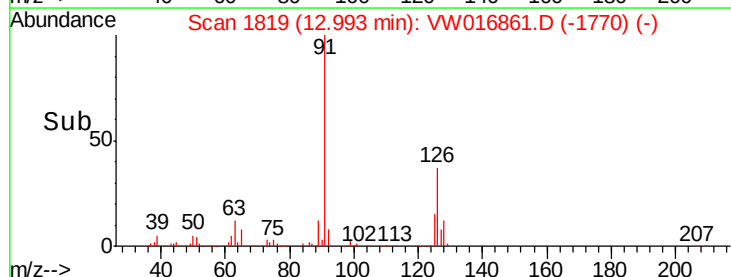
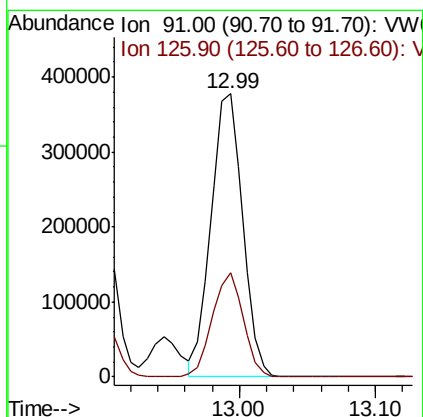
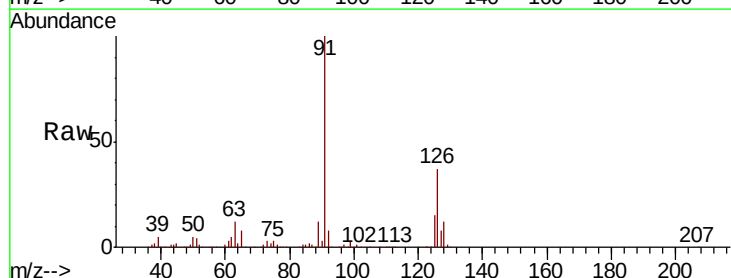
Acq: 09 Oct 2020 15:00

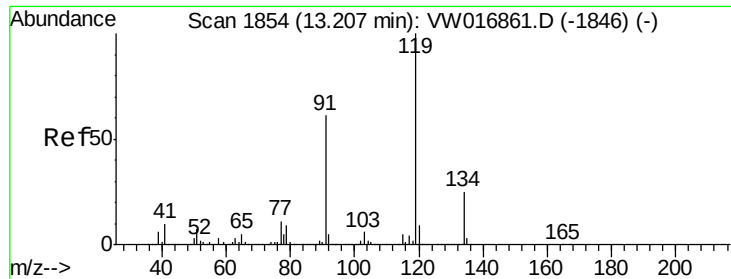
Tgt Ion: 91 Resp: 606949

Ion Ratio Lower Upper

91 100

126 36.2 18.1 54.3

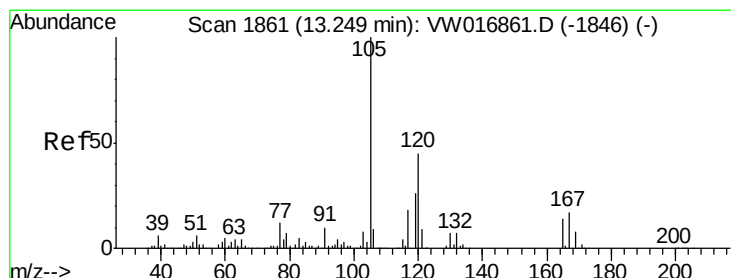
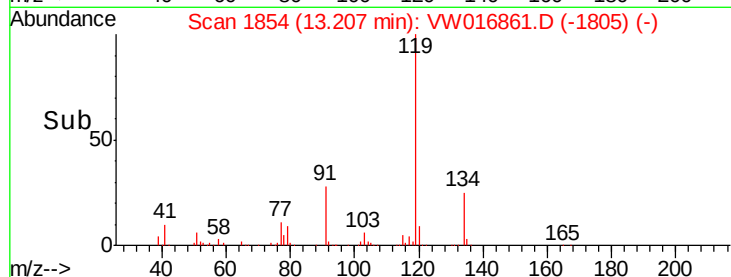
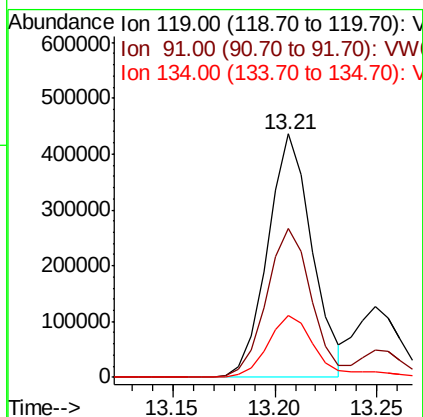
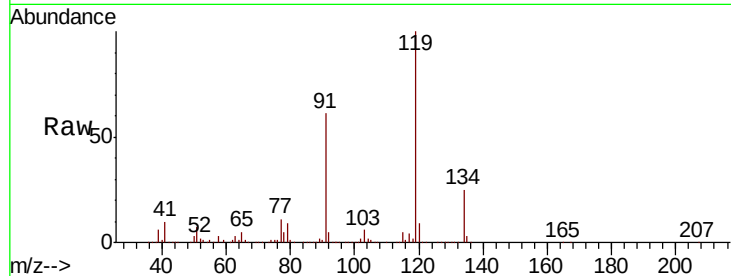




#83
tert-Butylbenzene
Concen: 51.148 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

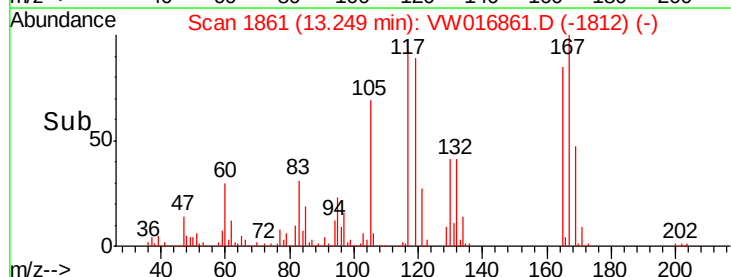
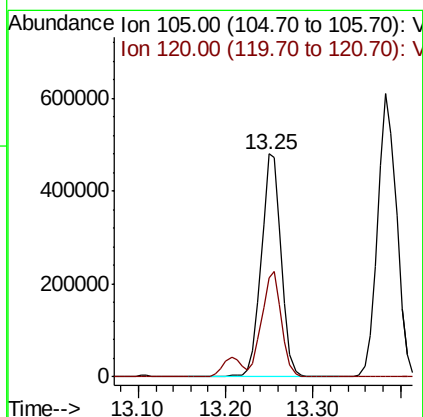
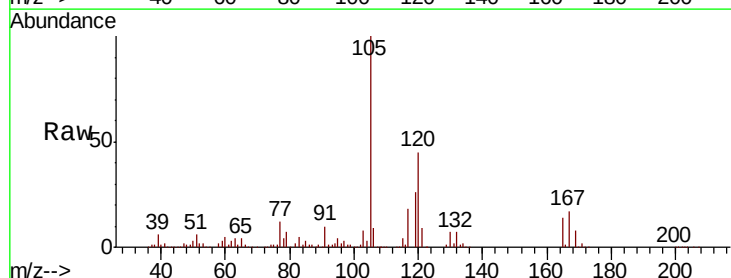
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

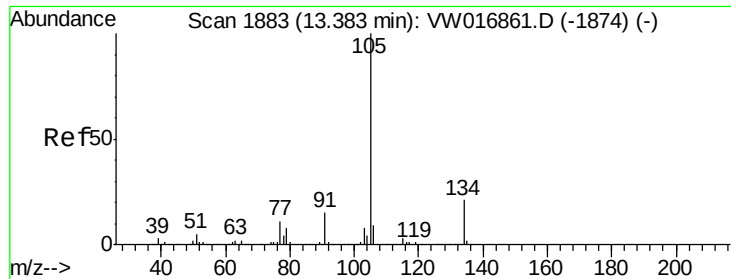
Tot Ion:119 Resp: 661566
Ion Ratio Lower Upper
119 100
91 62.6 31.3 93.9
134 28.0 14.0 42.0



#84
1,2,4-Trimethylbenzene
Concen: 51.017 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion:105 Resp: 757063
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 50.772 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_W

ClientSampleId :

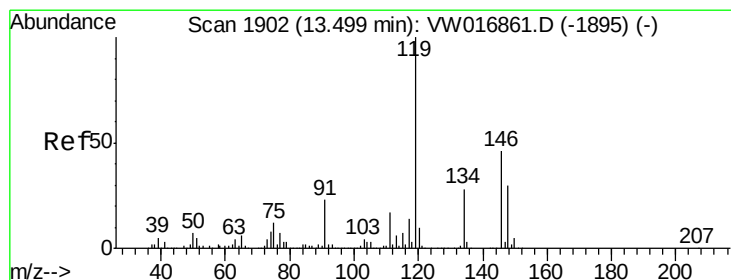
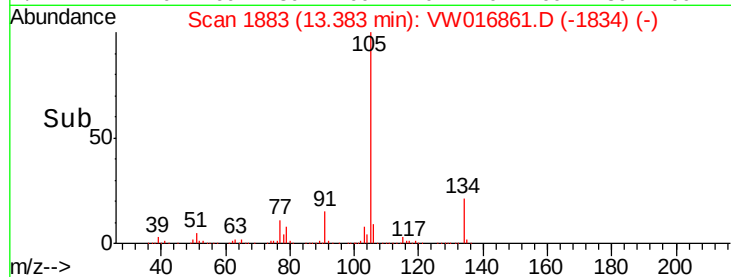
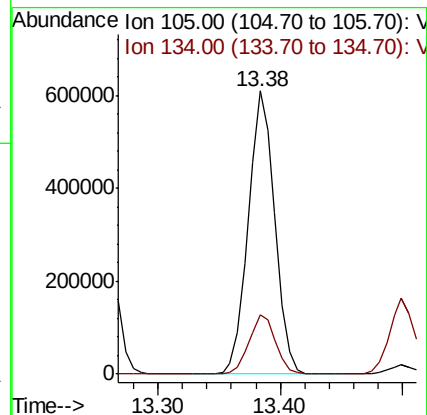
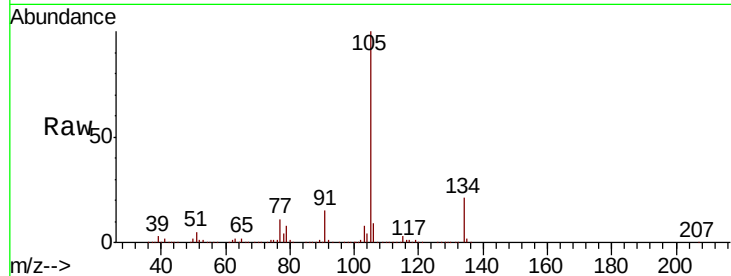
VSTDICCC050

Tot Ion:105 Resp: 914097

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 50.387 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016861.D

Acq: 09 Oct 2020 15:00

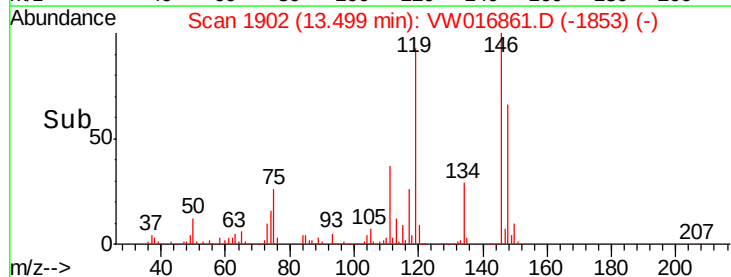
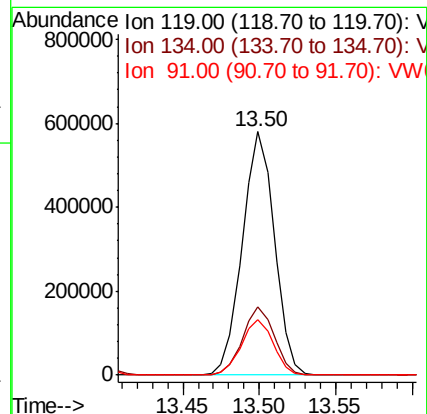
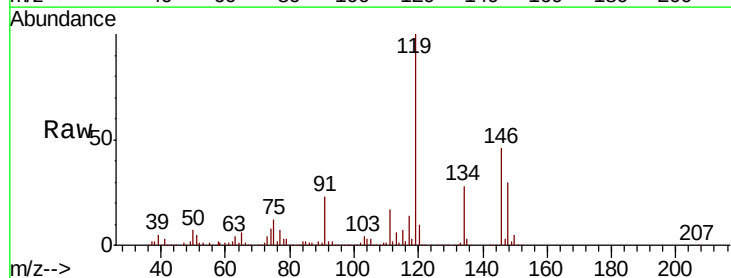
Tgt Ion:119 Resp: 844731

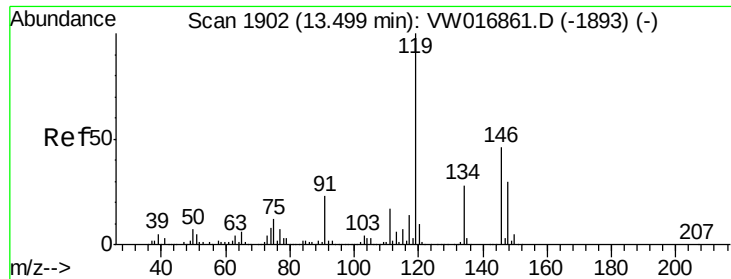
Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

91 22.6 11.3 33.9

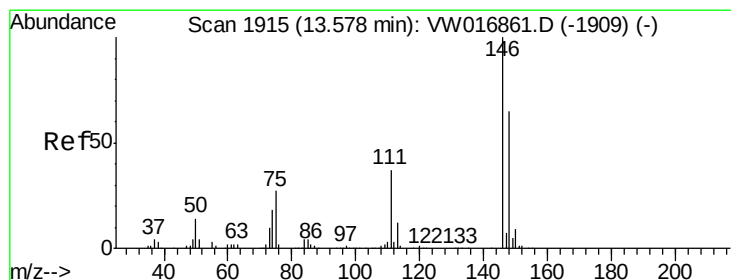
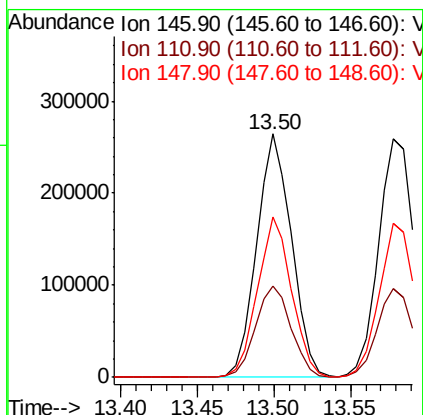
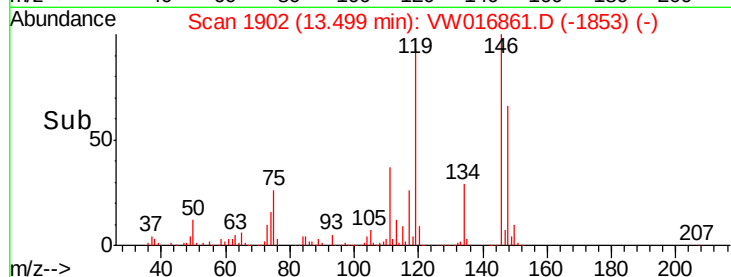
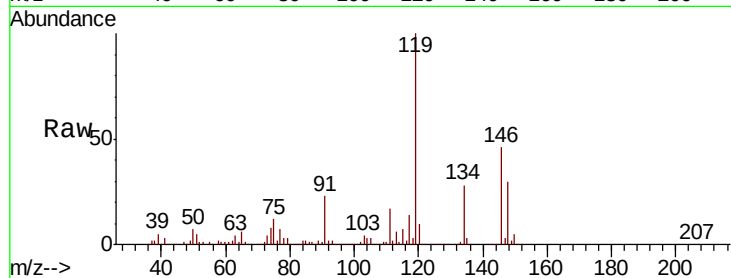




#87
 1,3-Dichlorobenzene
 Concen: 49.233 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

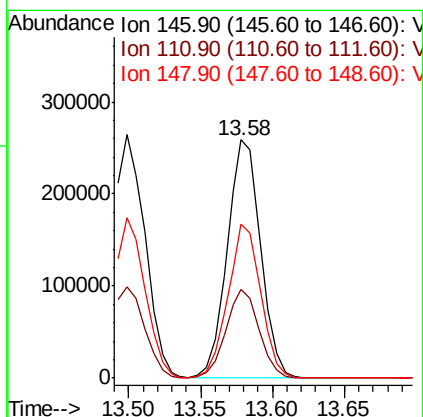
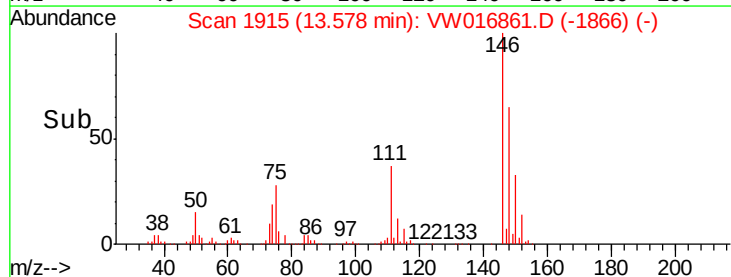
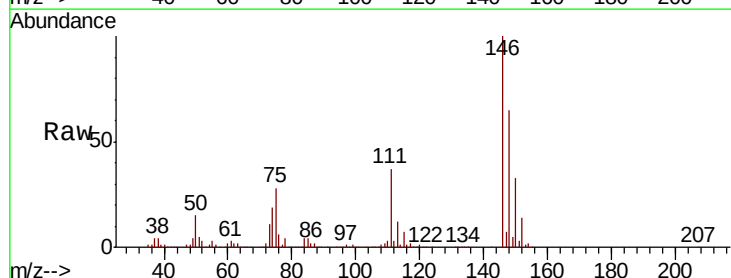
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

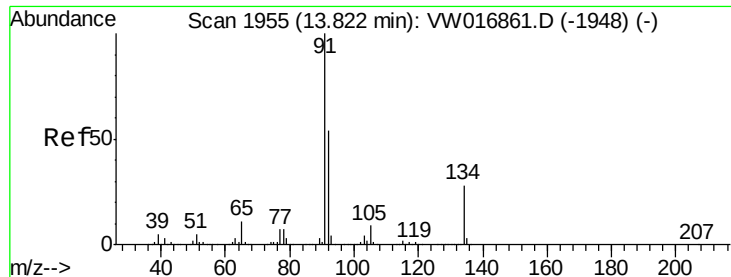
Tot Ion:146 Resp: 418213
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 64.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 49.995 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion:146 Resp: 418508
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.5 55.5
 148 63.6 31.8 95.4

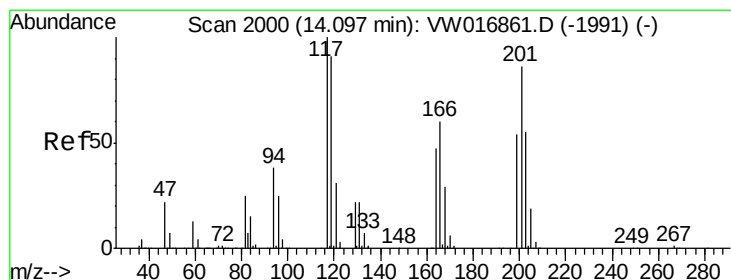
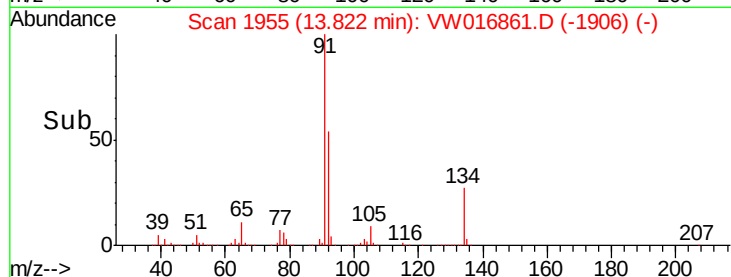
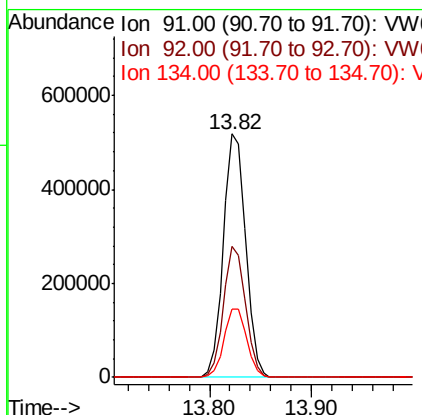
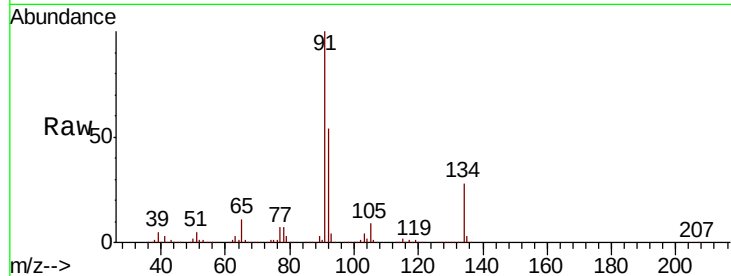




#89
n-Butylbenzene
Concen: 51.951 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

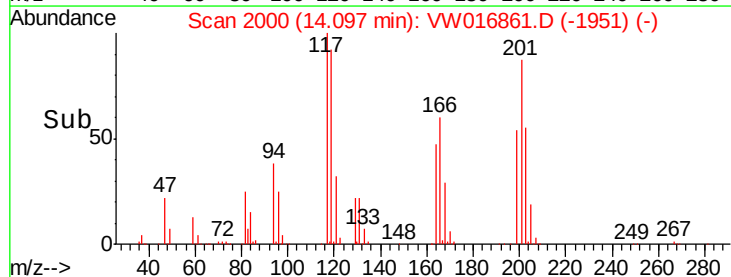
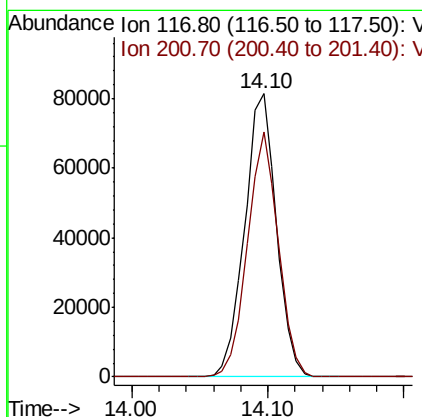
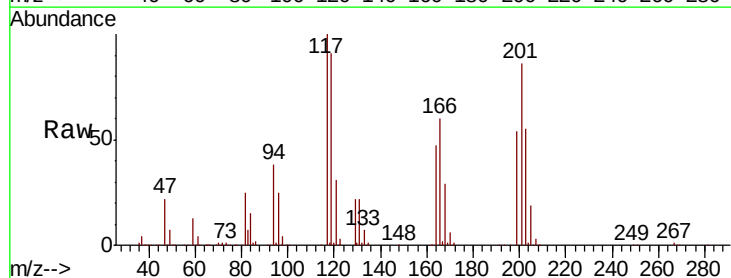
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

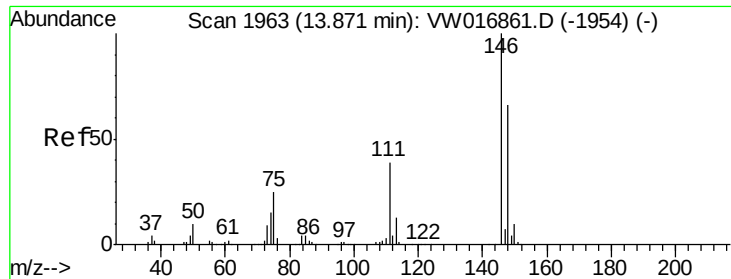
Tot Ion: 91 Resp: 784620
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 51.521 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 117 Resp: 133276
Ion Ratio Lower Upper
117 100
201 83.8 41.9 125.7

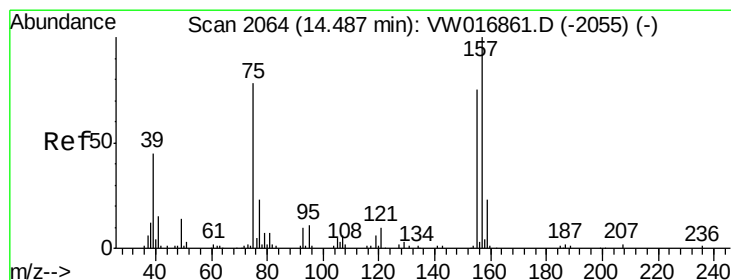
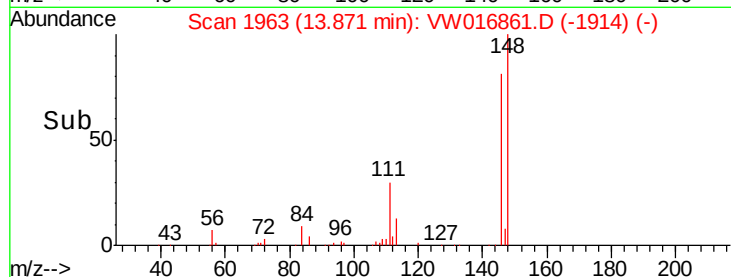
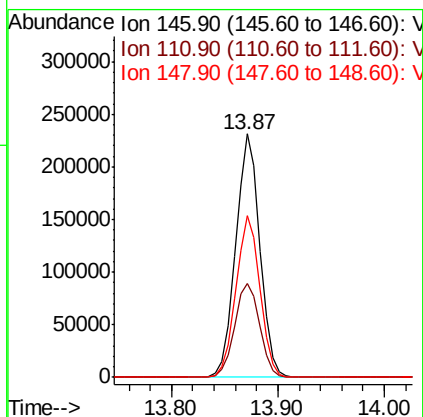
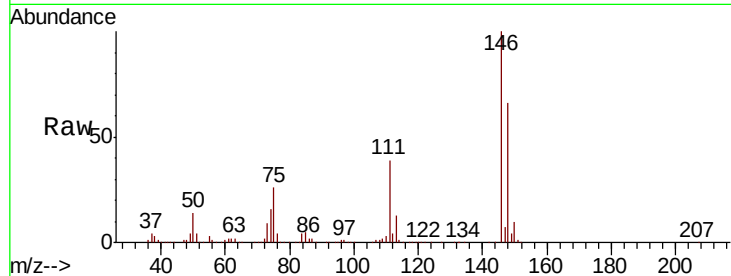




#91
 1,2-Dichlorobenzene
 Concen: 50.049 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

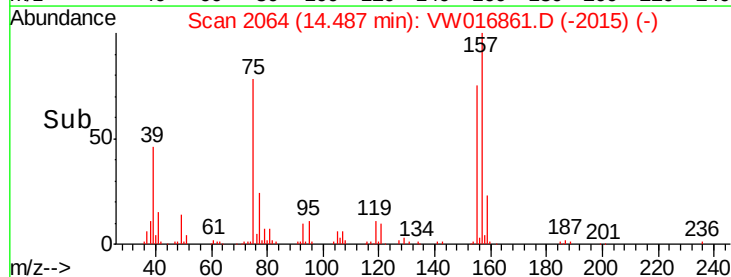
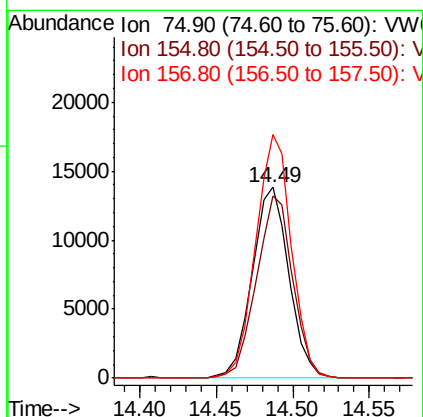
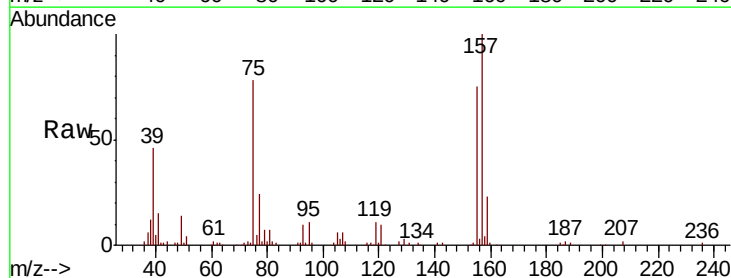
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

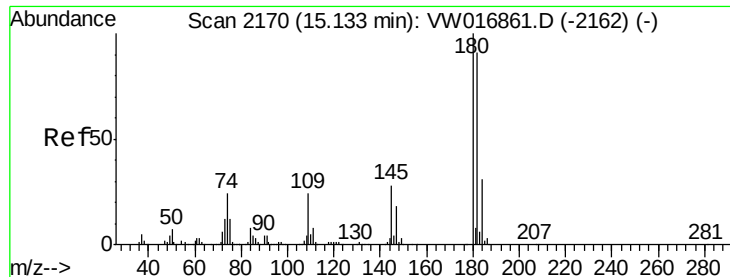
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.3
148	66.2	33.1	99.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.932 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	47.6	142.8
157	124.4	62.2	186.6

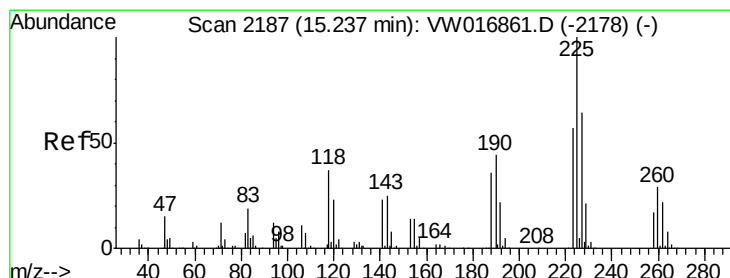
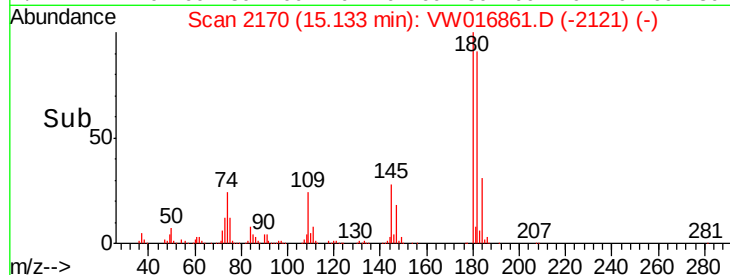
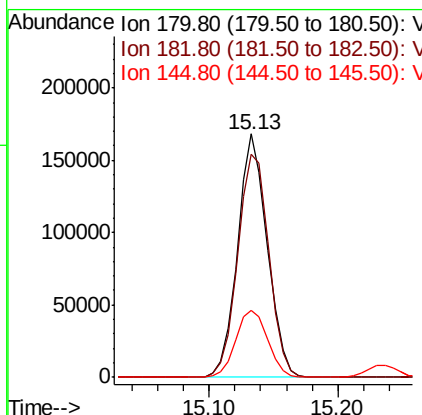
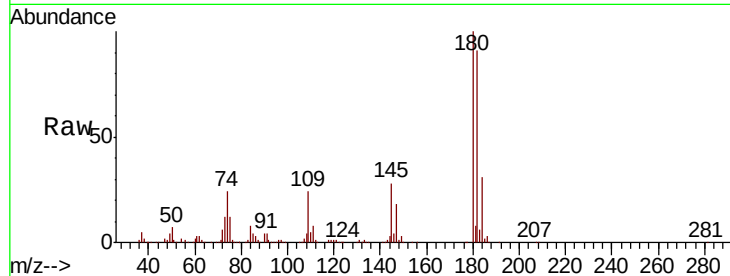




#93
 1,2,4-Trichlorobenzene
 Concen: 52.763 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

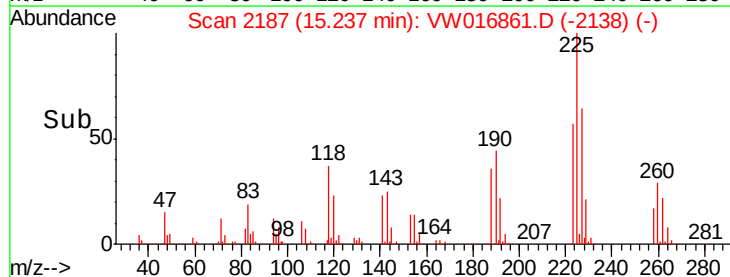
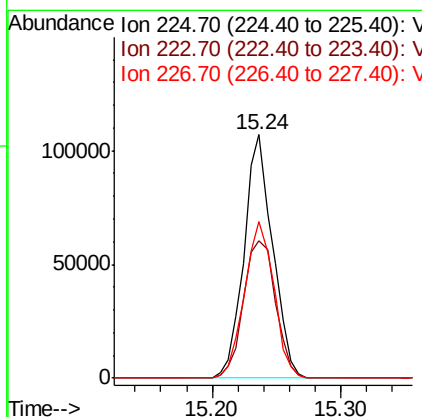
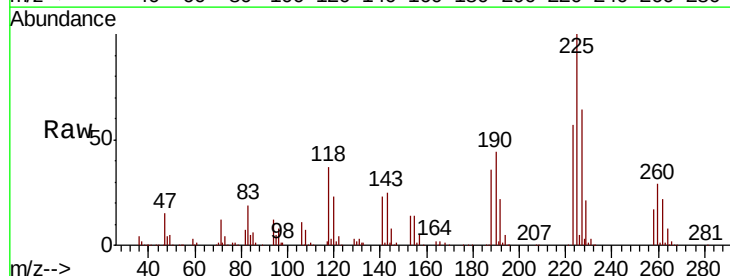
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

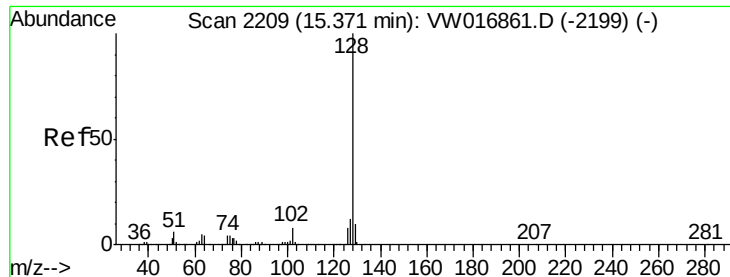
Tot Ion:180 Resp: 266824
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.3 144.9
 145 29.7 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 49.813 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016861.D
 Acq: 09 Oct 2020 15:00

Tgt Ion:225 Resp: 163296
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.9 95.7
 227 66.0 33.0 99.0

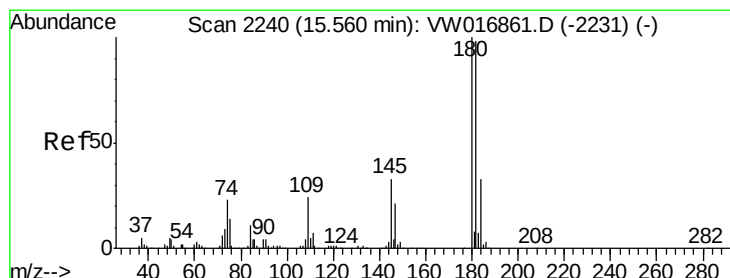
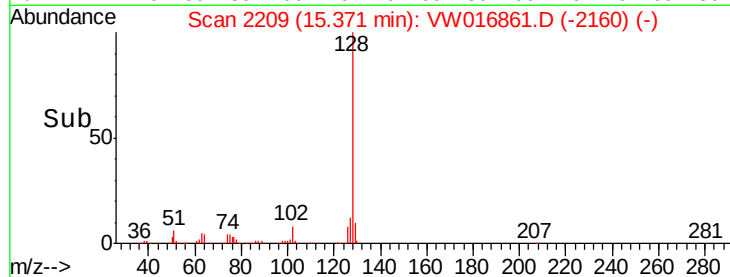
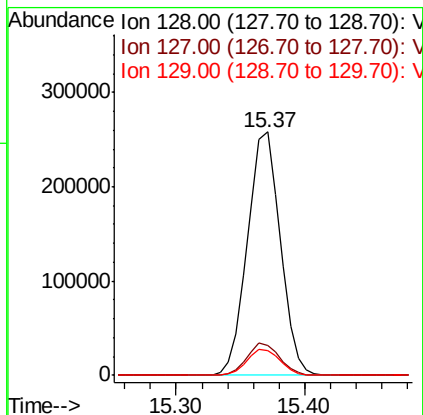
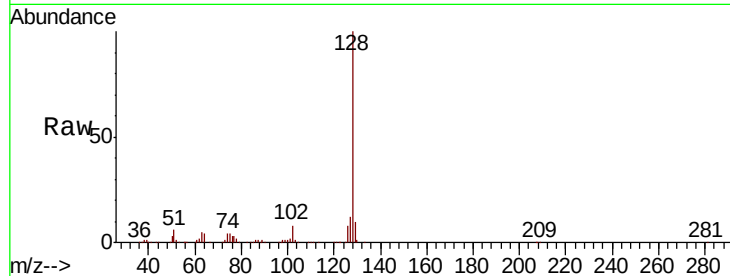




#95
Naphthalene
Concen: 55.352 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 454933
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.023 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016861.D
Acq: 09 Oct 2020 15:00

Tgt Ion:180 Resp: 224470
Ion Ratio Lower Upper
180 100
182 98.8 49.4 148.2
145 32.6 16.3 48.9

